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NATIONAL HEALTH & MORBIDITY SURVEY 2015

HEALTHCARE DEMAND

VOLUME III

Institute for Public Health | Ministry of Health Malaysia

NATIONAL HEALTH & MORBIDITY SURVEY 2015

(NMRR-14-1064-21877)

VOLUME III

HEALTHCARE DEMAND

Contributors

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Volume in this series

The report comprises of several volumes, as follows:

i. Volume I : Methodology and General Findings
ii. Volume II : Non-Communicable Disease, Risk Factors and Other Health Problems
iii. Volume III : Healthcare Demand
iv. Volume IV : Traditional & Complementary Medicine

DEDICATION

Every person deserves the right to be the best in life, and health, an integral element that etermines the quality of life of a person, is central to life. This team dedicates this work on the perceived needs for health and healthcare towards the realization of this dream.

We hope that this report inspires and helps others to join us in this effort, for the love of humanity.

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ISBN: 978-983-2387-24-4

DISCLAIMER

The views, interpretations, implications, conclusions, and recommendations expressed in this paper are those of the contributors alone and do not necessarily represent the opinions of the other investigators participating in the project nor the views or policy of the Ministry of Health Malaysia.

AUTHORS' STATEMENT & ACKNOWLEDGEMENT

We thank the Director-General of Health for his permission to publish this report, and for the support that enabled the community survey to be conducted. Gratitude to Dr Shahnaz Binti Murad, the Deputy Director-General of Health (Research and Technical Support) for her vision, guidance and support that led to this report.

We thank the Director and staff of the Institute of Public Health for their commendable efforts in the planning, organization and logistics of the community survey, without which we would not be able to produce this report today. Special gratitude to the Director, Dr Tahir Aris and his team for their tireless and patient efforts towards higher response rates, data integrity and quality.

ACKNOWLEDGEMENT OF FUNDING

This project is registered under National Medical Research Registry (NMRR-14-1064-21877) and received funding from the National Institute of Health Ministry of Health Malaysia Research Grant for 2015. Ethics approval was granted by Medical Research Ethics Committee (ref KKM/NIHSEC/08/0804/P10-403).

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TABLE OF CONTENTS

LIST OF TABLE

LIST OF FIGURES

Topic I

HEALTH SEEKING BEHAVIOUR

1. HEALTH SEEKING BEHAVIOUR

1.1 AUTONOMY IN DECISION-MAKING

1.1.1 Findings

This section comprised of two question, namely, who decided whether care needed to be sought and if so, from where and from whom.

The majority of the respondents reported that they themselves made the decision whether healthcare needed to be sought; 41.3% (95% CI, 40.2 – 42.4), followed by the mother (24.6; 95% CI, 23.8 - 25.5) and the spouse (15.9; 95% CI, 15.1 – 16.7) **Table 1.1** and **Table 1.2.**

The majority of those who decided for themselves were from the age group of 25-29 years (61.4%; 95% CI, 58.4 - 64.2) while the mother decided mostly for those 19 years and below.

More males determined for themselves (44.5%; 95% CI, 43.1 - 45.9). Among females, 37.8% (95%; CI, 36.5 - 39.1) responded that they decided to seek for care and 17.7% (95% CI, 16.8 - 18.7) reported that it was their spouse who determined whether healthcare need to be sought.

It was noted that in those residing in urban areas, the person themselves decided to seek healthcare (43.5%; 95% CI, 42.1 - 44.8) while in those in the rural areas, decision by self was lower (34.7%; 95% CI, 33.0 – 36.4) while other decision makers were the mother (27.2%; 95% CI, 25.7 - 28.7), and spouse (17.7%; 95% CI, 16.5 – 19.0).

Majority of those with tertiary education level (64.5%; 95% CI, 62.1 – 66.8) reported that they decided for themselves.

1.1.2 Implication

Commonest decision maker were themselves in NHMS 2015, with similar pattern and proportion as compared to 2011 and slight increment of 0.6% from that of 2011. In comparison, the research finding found there there were no significant changes in whether care need to be sought. Mother as the decision maker was reported at the second place for NHMS 2011 ; 22.0% and NHMS 2015 ; 24.6%. As for spouse, it continued to maintain its position in at third place.

1.1.3 Conclusion

The findings showed that the majority of the respondents independently decided the need for care. Therefore, an added advantage would be to equip themselves with sufficient health-related knowledge in helping them make better decisions.

1.1.4 Recommendation

Provide more appropriate and interactive platforms to gain health-related knowledge in order to empower individuals who are now slightly more inclined towards self-decision on own healthcare needs.

1.2 HEALTH SEEKING BEHAVIOUR IN RELATION TO ACUTE ILLNESS/DISABILITY

1.2.1 Findings

In this section, we identified people who experienced health problems within two weeks prior to the date of the interview. This corresponded to 27.5% (95%; CI, 26.3 – 28.6) of the total respondents (**Table 1.4**). This group of respondents was asked what the action was taken for their health problem. Around 46.0% (95% CI, 44.3 - 47.8) of those experienced health problems reported to have self-medicated, 40.6% (95% CI, 38.9 – 42.4) seek treatment from healthcare providers, 27.2% (95% CI, 25.6 – 28.9) getting advice from pharmacists, 8.9% (95% CI, 8.0 – 10.0) getting advice from someone other than healthcare provider and 2.4% (95% CI, 2.0 – 3.0) reported that they did anything else besides the above. (The results were represented in **Figure 1.1**).

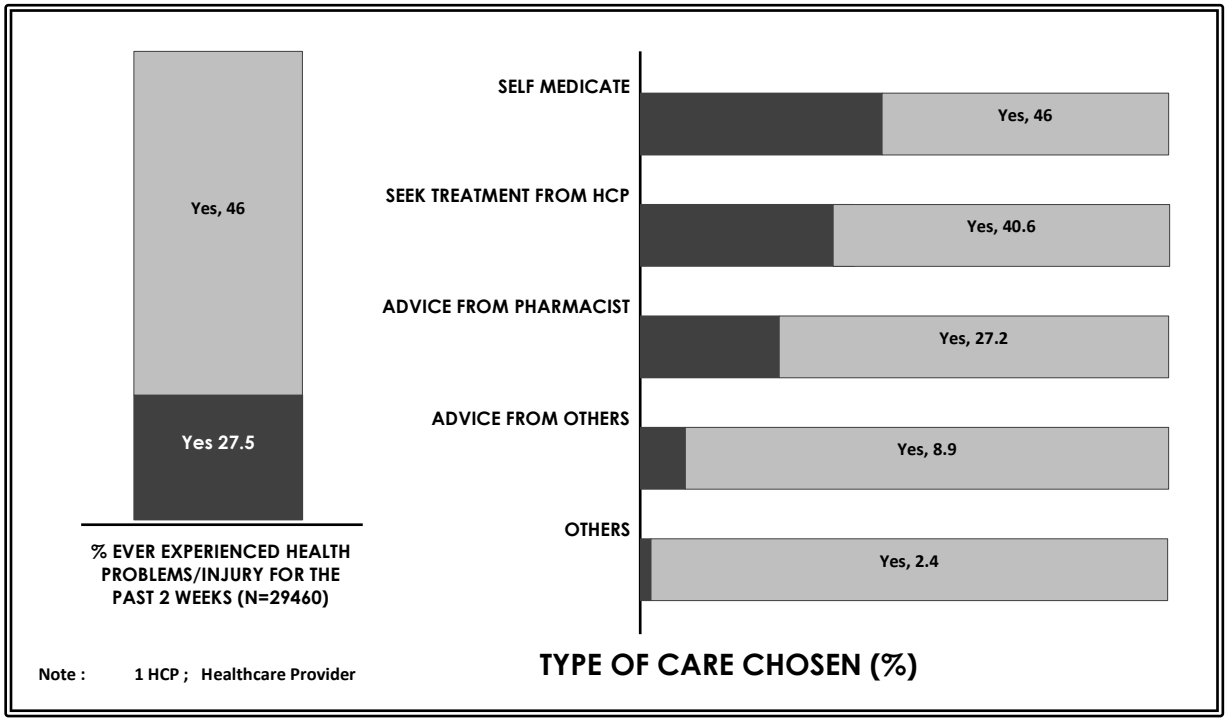


Figure 1.1: Prevalence of respondents with illness in the preceding two weeks to the interview and chosen type of care

1.2.1.1 Self-medicate

A total of 3251 respondents, 46.0% (95% CI, 44.3 – 47.8) of those who experienced health problem within two weeks prior to interview reported they self-medicated (**Table 1.5** and **Table 1.6**).

It was highest in Sarawak (54.5%; 95% CI, 47.8 - 61.1), followed by Pulau Pinang (53.1%; 95% CI, 43.1 - 62.9), and Johor (52.0%; 95% CI, 47.1 - 56.8).There was no

significant difference across age group, gender, ethnicity, marital status, location, household income group, socioeconomic quintile and type of occupation.

1.2.1.2 Seek treatment or advice from healthcare provider

The overall prevalence of those seeking treatment or advice from healthcare provider among those who had health problems within two weeks prior to the interview was 40.6% (95% CI, 38.9 - 42.4) (**Table 1.7**). It was significantly higher in Melaka (56.2%; 95% CI, 45.9 - 65.9) and Negeri Sembilan (54.0%; 95% CI, 47.6 - 60.2) as compared to other states. Those in the 0-4, 5-9 and 70-74 age groups were significantly higher as opposed to the other age groups.

It was also noted to be lowest among those who were still unmarried; 29.9% (95% CI, 27.1 – 32.8) as compared to those who are still married or were previously married. In terms of occupation, the lowest was noted among students (24.0%; 95% CI, 20.0 - 28.5). There was no significant difference across the gender, ethnicity, education, household incomes and socioeconomic quintile.

1.2.1.3 Purchase medicine after getting advice from pharmacist

A total of 1919 (27.2%; 95% CI, 25.6 - 28.9) respondents reported that they purchased medicine after getting advice from pharmacists **(Table 1.8**). It was significantly lower in Melaka (14.1%; 95% CI, 9.7 - 20.1), Negeri Sembilan (13.2%; 95% CI, 7.5 - 22.0) and Pahang (14.1%; 95% CI, 10.3 - 19.0), as compared to the other states. It was also significantly lower in those who were in 0-4 (18.9%; 95% CI, 15.7 - 22.6) and 5-9 (19.0%; 95% CI, 15.6 - 23.0) age groups as compared to other age groups. In contrast, it was reported the highest among retiree with 39.4% (95%CI, 30.3 - 49.2). There was no significant difference across location, gender, marital status, education level, household income and socioeconomic quintile.

1.2.1.4 Seek advice from others

A total of 602 (8.9%; 95% CI, 8.0 - 10.0) respondents reported that they got advice from others, other than a healthcare provider for the illness reported (**Table 1.9**). The respondents were however not being asked to specify who was/were the 'others'. There was no significant difference across the age group, location, gender, ethnicity, marital status, education level, type of occupation and healthcare coverage.

1.2.1.5 Other than the above

A total of 165 (2.4%; 95% CI: 2.0 - 3.0) respondents reported that they did not seek any of the above type of care (**Table 1.10**). There was no significant difference across the age group, location, gender, ethnicity, marital status, education level, type of occupation and healthcare coverage.

1.2.2 Implication

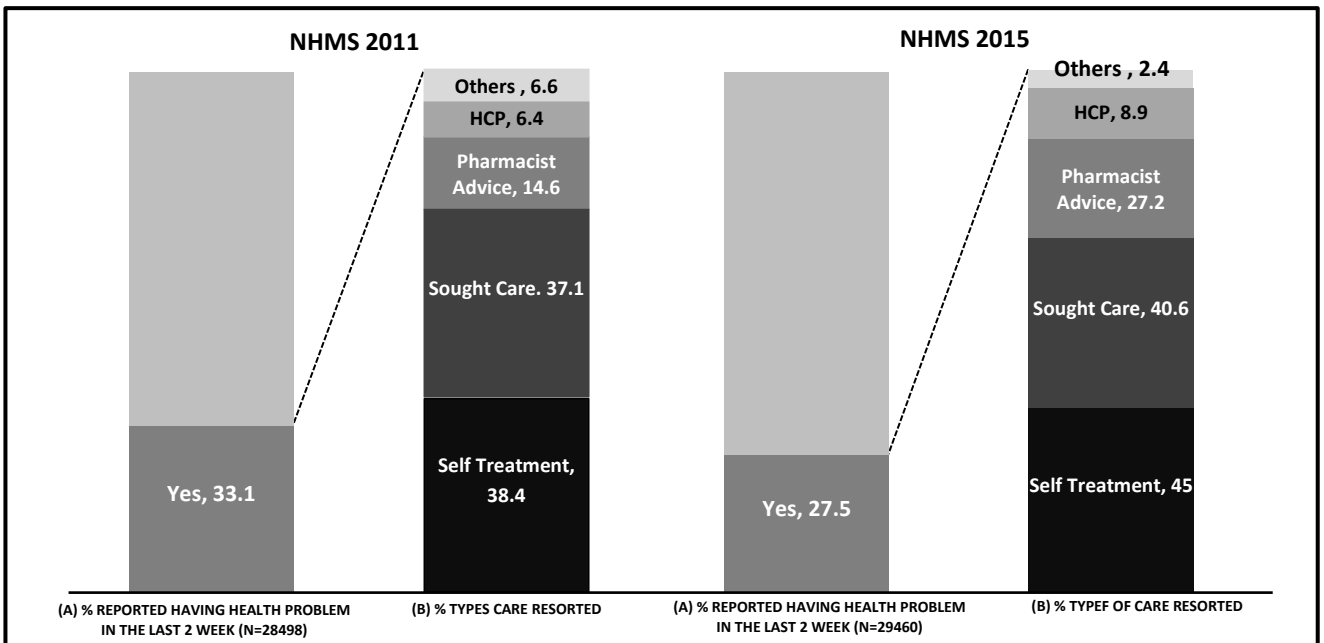
In NHMS 1996, it was reported that 15.6% (95% CI, 14.5 - 16.8) respondents self-medicated. The trend significantly increased in NHMS 2011 at 38.4% (95% CI, 37.2 - 39.7). In NHMS 2015, the trend continues to increase at 46.0% (95% CI, 44.3 - 47.8).

There was a significant decline in those who sought care from healthcare providers following their illness, from 42.5% (95% CI, 41.4 - 43.6) in NHMS 1996 to 37.1% (95% CI, 35.9 - 38.4) in NHMS 2011. However, in NHMS 2015, the trend showed significant increase in those who sought care from healthcare providers 40.6% (95% CI, 38.9 - 42.4) in comparison to NHMS 2011.

In NHMS 2011, those who purchased medications after consultation with pharmacists were 14.6% (95% CI, 13.7 - 15.5). In NHMS 2015, there was a significant increase in trend as compared to NHMS 2011 (27.2%; 95% CI, 25.6 - 28.9).

There was an increased trend as well for those who were getting advice from others, other than healthcare provider in reported illness in NHMS 2015 (8.9%; 95% CI, 8.0 - 10.0) in comparison to NHMS 2011 (6.4%; 95% CI, 5.8 - 7.0).

There was a significant decline to those who were doing other than mentioned above following illness, from 6.6% (95% CI, 6.0 - 7.2) in NHMS 2011 to 2.4% (95%, 2.0 - 3.0) in NHMS 2015 (**Figure 1.2**).



Notes :

1. A : Prevalance of respondent reported helth problem (any helth problems including dental) in last 2 weeks based on the question "in last 2 weeks, from….till today, did u experience any of helth problem"
2. B : Prevalance of type of care resorted among those who experience health problem in last 2 weeks; " In the last 2 week, for the health problem(s) did you; self-medicate; seek treatment from HCP; purchase medicine after getting advice from a pharmacist; get advice from others; do anything else?"
3. HCP – Healthcare provider

Figure 1.2: Trending of self-medication and seeking care from the healthcare provider over the 5 years

1.2.3 Conclusion

It is a welcoming trend to see that there was an increasing tendency of population to seek treatment from healthcare providers and pharmacists in dealing with acute illnesses. The declining trend of taking other steps than seeking treatment is a promising pattern as well.

However, there is an area of concern, whereby self-medication and getting advice from others than healthcare providers has increased in trend.

The practice of self-medication and seeking advice from non-healthcare providers may lead to delay in seeking treatment and hence certain critical or chronic illnesses are not diagnosed. Thus, it is imperative that this must be practiced in a safe and practical manner whereby after a specified time and under certain conditions, help from healthcare providers is mandatory.

1.2.4 Recommendation

In the way forward, in empowering people to take care of their own health, it is extremely important that the population is equipped with the right information and knowledge to make sound decisions for medical care.

1.3 TABLES OF FINDINGS

Table 1.1: Autonomy in deciding whether care needs to be sought.

Decider of when need to seek care	Count[1]	Estimated Population[2]	%	95% CI	
				Lower	Upper
Overall	**29,429**	**29,327,770**	**100.0**	-	-
Self	11,499	12,106,094	41.3	40.2	42.4
Mother	7,078	7,227,660	24.6	23.8	25.5
Spouse	5,247	4,655,111	15.9	15.1	16.7
Father	2,147	2,220,180	7.6	7.0	8.1
An elder in the family	1,613	1,643,627	5.6	5.1	6.1
Child	1,593	1,139,996	3.9	3.6	4.2
Employer	140	196,823	0.7	0.5	0.9
Other	108	134,465	0.5	0.3	0.6
Insurance	4	3,814	0.0	0.0	0.0

Note: Caution some cells have counts less than 30. Results should be interpreted with caution.

Table 1.2: Three most influential decision-maker in deciding whether care needs to be sought by sociodemographic characteristics

Sociodemographic characteristics	Self					Mother				
	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI Lower	95% CI Upper
MALAYSIA	**11,499**	**12,106,094**	**41.3**	**40.2**	**42.4**	**7,078**	**7,227,660**	**24.6**	**23.8**	**25.5**
State										
Johor	1,079	1,441,012	42.6	39.7	45.6	585	781,225	23.1	20.4	26.0
Kedah	491	510,181	26.0	22.0	30.3	363	386,452	19.7	16.8	22.8
Kelantan	903	784,896	47.9	43.9	52.0	458	416,795	25.4	22.6	28.5
Melaka	634	320,231	38.6	34.8	42.6	429	201,842	24.3	20.3	28.9
Negeri Sembilan	966	540,802	54.0	50.1	57.8	436	248,053	24.8	21.6	28.2
Pahang	618	532,437	34.5	29.2	40.2	481	445,011	28.8	25.3	32.6
Pulau Pinang	829	837,705	51.1	44.4	57.8	416	346,084	21.1	17.5	25.2
Perak	710	937,250	39.9	36.8	43.1	443	557,543	23.7	20.7	27.1
Perlis	697	89,076	37.9	30.6	45.7	367	56,593	24.1	21.2	27.2
Selangor	1,740	2,748,360	47.2	44.4	49.9	1,130	1,413,584	24.3	22.4	26.2
Terengganu	726	409,806	36.9	33.6	40.3	531	343,778	30.9	27.4	34.8
Sabah & WP Labuan	796	1,135,883	32.7	30.0	35.5	785	965,142	27.8	24.9	30.9
Sarawak	609	868,364	34.0	30.9	37.3	418	692,373	27.1	24.4	30.1
WP Kuala Lumpur	512	929,644	54.9	49.9	59.8	162	364,091	21.5	18.2	25.2
WP Putrajaya	189	20,447	23.8	18.6	29.9	74	9,094	10.6	7.8	14.3
Location										
Urban	6,992	9,582,587	43.5	42.1	44.8	3,869	5,249,002	23.8	22.8	24.8
Rural	4,507	2,523,507	34.7	33.0	36.4	3,209	1,978,658	27.2	25.7	28.7
Sex										
Male	5,992	6,734,243	44.5	43.1	45.9	3,490	3,717,965	24.6	23.5	25.7
Female	5,507	5,371,851	37.8	36.5	39.1	3,588	3,509,695	24.7	23.7	25.8
Age Group (years)										
0–4	12	10,693	0.4	0.2	0.8	1,788	1,707,548	68.5	65.5	71.3
5–9	10	7,169	0.3	0.1	0.6	1,789	1,624,660	67.6	64.6	70.3
10–14	66	72,130	2.8	2.0	3.9	1,647	1,615,681	63.1	60.5	65.7
15–19	486	535,597	20.3	18.2	22.7	1,092	1,263,552	48.0	45.3	50.7
20–24	1,032	1,498,460	52.7	49.6	55.7	413	626,227	22.0	19.4	24.9
25–29	1,307	1,708,086	61.4	58.4	64.2	172	220,454	7.9	6.5	9.6
30–34	1,249	1,671,344	63.6	60.4	66.7	63	61,246	2.3	1.7	3.2
35–39	1,158	1,354,834	65.2	62.2	68.2	46	52,265	2.5	1.7	3.8
40–44	1,096	1,163,652	62.8	59.3	66.2	22	21,389	1.2	0.6	2.1
45–49	1,135	1,063,344	63.5	60.5	66.4	10	7,503	0.4	0.2	1.0
50–54	1,153	959,879	63.6	60.5	66.6	17	10,953	0.7	0.4	1.2

Sociodemographic characteristics	Self					Mother				
	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI Lower	95% CI Upper
MALAYSIA	**11,499**	**12,106,094**	**41.3**	**40.2**	**42.4**	**7,078**	**7,227,660**	**24.6**	**23.8**	**25.5**
55 – 59	1,019	806,151	63.7	60.4	66.9	8	6,892	0.5	0.2	1.2
60 – 64	739	549,165	58.5	54.5	62.4	5	3,778	0.4	0.1	1.5
65 – 69	513	354,140	51.3	47.2	55.3	1	3,075	0.4	0.1	3.1
70 – 74	303	179,147	44.3	39.1	49.6	2	1,408	0.3	0.1	1.5
75+	221	172,303	30.2	26.1	34.5	3	1,029	0.2	0.0	0.8
Ethnicity[3]										
Malay	7,096	5,955,755	38.6	37.3	40.0	4,731	4,196,866	27.2	26.2	28.3
Chinese	1,992	3,050,902	48.7	46.4	51.1	867	1,355,396	21.7	19.8	23.6
Indian	815	801,044	41.6	38.1	45.2	418	389,556	20.2	17.7	23.1
Bumiputera Sabah	464	515,060	33.5	29.6	37.7	426	473,447	30.8	27.2	34.6
Bumiputera Sarawak	285	442,300	34.0	30.0	38.3	185	369,331	28.4	24.4	32.8
Orang Asli	42	24,086	30.2	20.8	41.5	31	25,330	31.7	28.0	35.7
Others	801	1,315,527	46.8	42.4	51.3	419	417,534	14.9	12.0	18.3
Marital Status[3]										
Never married	2,718	3,581,972	43.3	41.4	45.2	2,327	2,730,770	33.0	31.2	34.8
Married	7,682	7,687,469	58.2	56.5	59.9	117	129,664	1.0	0.8	1.2
Widow/Widower/Divorcee	1,058	796,710	56.8	53.7	59.9	35	23,409	1.7	1.1	2.6
Education Level[3]										
No formal education	586	547,172	31.1	28.1	34.2	432	413,264	23.5	20.5	26.7
Primary	2,552	2,259,292	29.1	27.5	30.8	2,523	2,464,327	31.8	30.1	33.5
Secondary	5,477	5,706,361	53.4	51.7	55.0	1,267	1,485,812	13.9	12.9	15.0
Tertiary	2,728	3,407,081	64.5	62.1	66.8	297	430,462	8.1	7.0	9.5
Unclassified	128	161,213	15.4	11.9	19.6	547	520,159	49.5	45.1	54.0
Occupation[3]										
Government/Semi-government	1,359	1,249,532	64.9	61.6	68.0	56	62,767	3.3	2.3	4.6
Private employee	4,033	5,363,853	66.0	64.0	68.0	437	618,011	7.6	6.6	8.7
Self employed	2,309	2,081,890	60.2	57.8	62.5	178	191,840	5.5	4.6	6.7
Unpaid worker/homemaker	1,602	1,427,750	49.1	46.3	51.8	41	35,384	1.2	0.8	1.8
Retiree	497	385,853	63.3	58.5	67.9	2	546	0.1	0.0	0.5
Unemployed	1,249	1,064,599	36.8	34.5	39.2	366	425,989	14.7	12.9	16.7
Student[3]	408	492,174	16.6	14.3	19.1	1,398	1,548,389	52.1	49.2	55.0

Sociodemographic characteristics	Self					Mother				
	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI		Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**11,499**	**12,106,094**	**41.3**	**40.2**	**42.4**	**7,078**	**7,227,660**	**24.6**	**23.8**	**25.5**
Household Income Group (RM)										
Less than RM1000	1,819	1,581,785	39.5	37.4	41.7	1,046	986,014	24.6	22.6	26.8
RM1000 – RM1999	2,124	1,990,454	40.7	38.5	42.9	1,370	1,239,297	25.3	23.6	27.2
RM2000 – RM2999	1,922	1,917,540	40.3	38.1	42.5	1,216	1,112,424	23.4	21.7	25.1
RM3000 – RM3999	1,422	1,530,005	40.1	37.7	42.5	926	968,457	25.4	23.5	27.4
RM4000 – RM4999	1,016	1,144,634	39.7	37.0	42.5	633	711,702	24.7	22.4	27.2
RM5000 – RM5999	831	1,023,683	45.1	42.0	48.3	518	581,670	25.6	22.8	28.7
RM6000 – RM6999	564	624,988	42.7	39.4	46.0	306	359,148	24.5	21.3	28.0
RM7000 – RM7999	421	470,375	39.0	35.3	42.9	271	309,361	25.6	21.9	29.8
RM8000 – RM8999	369	462,433	45.8	41.3	50.5	240	256,820	25.5	21.8	29.5
RM9000 – RM10000	184	222,323	44.6	39.0	50.4	111	121,652	24.4	19.4	30.2
RM10000 and above	827	1,137,874	45.0	41.5	48.5	441	581,115	23.0	20.5	25.7
Household Income Quintiles										
Q1 (20% poorest)	1,542	1,347,867	39.4	37.2	41.6	888	844,230	24.7	22.5	27.0
Q2	2,188	2,064,560	40.8	38.7	43.0	1,391	1,263,947	25.0	23.2	26.9
Q3	2,478	2,468,272	40.4	38.5	42.4	1,568	1,457,777	23.9	22.3	25.5
Q4	2,328	2,600,441	40.4	38.5	42.4	1,471	1,632,297	25.4	23.7	27.1
Q5 (20% richest)	2,963	3,624,954	43.6	41.8	45.4	1,760	2,029,409	24.4	22.9	26.0
Socioeconomic Quintiles (Based on HCD 2011)										
Q1 (20% poorest)	2,306	2,293,510	39.1	37.0	41.2	1,504	1,456,894	24.8	23.1	26.7
Q2	2,444	2,216,357	37.7	35.8	39.6	1,678	1,523,395	25.9	24.3	27.6
Q3	2,411	2,405,629	41.2	39.2	43.2	1,488	1,474,337	25.2	23.7	26.9
Q4	2,322	2,544,844	43.2	41.3	45.2	1,313	1,383,260	23.5	21.9	25.2
Q5 (20% richest)	2,016	2,645,754	45.2	42.9	47.5	1,095	1,389,774	23.8	21.8	25.8

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 1.3: Three most influential decision-maker in deciding whether care need to be sought by sociodemographic characteristics (con't)

Sociodemographic characteristics	Spouse				
	Count	Estimated Population	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**5,247**	**4,655,111**	**15.9**	**15.1**	**16.7**
State					
Johor	383	485,090	14.3	12.1	16.9
Kedah	512	497,251	25.3	21.8	29.1
Kelantan	147	121,162	7.4	5.5	9.8
Melaka	324	140,371	16.9	14.4	19.7
Negeri Sembilan	129	56,285	5.6	4.3	7.3
Pahang	369	272,333	17.6	13.9	22.1
Pulau Pinang	309	208,328	12.7	8.6	18.3
Perak	434	457,232	19.5	17.1	22.1
Perlis	349	42,108	17.9	13.5	23.4
Selangor	610	821,492	14.1	12.4	16.0
Terengganu	307	169,739	15.3	13.3	17.5
Sabah & WP Labuan	522	730,607	21.0	18.6	23.7
Sarawak	347	450,928	17.7	14.8	20.9
WP Kuala Lumpur	94	160,519	9.5	7.1	12.6
WP Putrajaya	411	41,666	48.5	40.0	57.1
Location					
Urban	2,953	3,366,693	15.3	14.3	16.3
Rural	2,294	1,288,418	17.7	16.5	19.0
Sex					
Male	2,289	2,140,472	14.2	13.2	15.2
Female	2,958	2,514,639	17.7	16.8	18.7
Age Group (years)					
0 – 4	119	56,466	2.3	1.6	3.2
5 – 9	73	37,999	1.6	1.1	2.3
10 – 14	43	26,830	1.0	0.6	1.8
15 – 19	37	46,359	1.8	1.2	2.7
20 – 24	155	230,348	8.1	6.6	10.0
25 – 29	534	617,637	22.2	19.9	24.7
30 – 34	663	727,929	27.7	24.9	30.7
35 – 39	633	585,574	28.2	25.4	31.2
40 – 44	596	585,376	31.6	28.3	35.2
45 – 49	640	532,182	31.8	29.1	34.6
50 – 54	583	439,657	29.1	26.3	32.1
55 – 59	446	302,502	23.9	21.4	26.7
60 – 64	343	217,481	23.2	20.4	26.2
65 – 69	187	125,208	18.1	15	21.8
70 – 74	121	73,081	18.1	14.2	22.8
75+	74	50,482	8.8	6.3	12.3
Ethnicity					
Malay	3,450	2,405,922	15.6	14.7	16.5
Chinese	611	816,937	13.1	11.5	14.8
Indian	316	315,719	16.4	14.1	19.1
Bumiputera Sabah	267	280,356	18.2	15.4	21.5
Bumiputera Sarawak	164	230,271	17.7	13.5	22.9
Orang Asli	17	8,509	10.7	7.0	16.0
Others	419	596,599	21.2	18.2	24.6

Sociodemographic characteristics	Spouse				
	Count	Estimated Population	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**5,247**	**4,655,111**	**15.9**	**15.1**	**16.7**
Marital Status					
Never married	35	26,239	0.3	0.2	0.5
Married	4,978	4,503,856	34.1	32.4	35.8
Widow/Widower/Divorcee	9	8,592	0.6	0.2	1.9
Education Level					
No formal education	258	221,541	12.6	10.6	14.9
Primary	1,309	1,096,733	14.1	12.9	15.4
Secondary	2,409	2,186,489	20.5	19.2	21.8
Tertiary	1,077	1,022,033	19.3	17.6	21.2
Unclassified	55	64,770	6.2	4.4	8.7
Occupation					
Government /Semi-government employee	689	525,429	27.3	24.6	30.1
Private employee	1,247	1,448,636	17.8	16.2	19.5
Self employed	1,052	871,026	25.2	23.2	27.3
Unpaid worker/homemaker	1,318	1,146,295	39.4	36.8	42.0
Retiree	192	156,347	25.7	21.5	30.3
Unemployed	495	369,003	12.8	11.3	14.4
Student[4]	29	21,951	0.7	0.4	1.2
Household Income Group (RM)					
Less than RM1000	681	558,959	14.0	12.5	15.5
RM1000 – RM1999	959	818,152	16.7	15.2	18.4
RM2000 – RM2999	956	826,739	17.4	15.7	19.2
RM3000 – RM3999	717	658,061	17.2	15.5	19.1
RM4000 – RM4999	510	500,865	17.4	15.3	19.7
RM5000 – RM5999	343	297,735	13.1	11.3	15.2
RM6000 – RM6999	263	242,629	16.6	14.3	19.1
RM7000 – RM7999	235	184,191	15.3	12.7	18.2
RM8000 – RM8999	141	116,647	11.6	9.2	14.4
RM9000 – RM10000	92	85,290	17.1	13.0	22.2
RM10000 and above	350	365,843	14.5	12.4	16.8
Household Income Quintiles					
Q1 (20% poorest)	567	457,525	13.4	11.9	15.0
Q2	976	849,914	16.8	15.4	18.4
Q3	1,214	1,069,265	17.5	16.0	19.1
Q4	1,157	1,064,159	16.5	15.1	18.1
Q5 (20% richest)	1,333	1,214,248	14.6	13.4	15.9
Socioeconomic Quintiles (Based on HCD 2011)					
Q1 (20% poorest)	1,037	963,551	16.4	14.9	18.0
Q2	1,189	1,039,990	17.7	16.2	19.2
Q3	1,021	892,672	15.3	14.0	16.7
Q4	1,109	914,991	15.6	14.3	16.9
Q5 (20% richest)	891	843,907	14.4	12.9	16.1

Notes:

1. [3]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged ≥13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 1.4: Prevalence of reported health problems (any health problems including dental) in the last 2 weeks by sociodemographic characteristics

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**7,913**	**8,053,980**	**27.5**	**26.3**	**28.6**
State					
Johor	648	834,138	24.6	21.4	28.1
Kedah	456	470,494	23.9	20.0	28.4
Kelantan	650	552,017	33.7	29.9	37.8
Melaka	372	169,405	20.4	16.3	25.2
Negeri Sembilan	367	186,464	18.6	15.6	22.0
Pahang	416	336,357	21.8	19.2	24.6
Pulau Pinang	487	338,348	20.6	16.8	25.1
Perak	420	487,455	20.8	17.6	24.4
Perlis	403	54,548	23.2	18.9	28.1
Selangor	1,220	1,693,019	29.0	26.5	31.7
Terengganu	407	245,999	22.1	18.6	26.2
Sabah & WP Labuan	1,024	1,338,853	38.5	35.8	41.3
Sarawak	566	869,918	34.1	28.2	40.4
WP Kuala Lumpur	245	453,559	26.8	21.6	32.6
WP Putrajaya	232	23,407	27.2	23.6	31.2
Location					
Urban	4,388	5,818,121	26.4	25.0	27.8
Rural	3,525	2,235,859	30.7	28.9	32.6
Sex					
Male	3,660	4,054,418	26.8	25.5	28.2
Female	4,253	3,999,561	28.2	26.9	29.5
Age Group (years)					
0 – 4	944	890,346	35.7	33.0	38.6
5 – 9	760	732,205	30.4	27.7	33.4
10 – 14	651	653,501	25.5	23.2	28.0
15 – 19	604	708,566	26.9	24.6	29.3
20 – 24	543	839,532	29.5	26.8	32.3
25 – 29	577	782,614	28.1	25.5	30.9
30 – 34	519	701,235	26.7	24.1	29.5
35 – 39	462	486,679	23.4	20.9	26.1
40 – 44	430	447,141	24.1	21.6	26.8
45 – 49	450	395,475	23.6	21.2	26.3
50 – 54	501	396,949	26.3	23.6	29.1
55 – 59	435	314,796	24.9	22.1	27.8
60 – 64	350	237,496	25.3	22.2	28.6
65 – 69	261	173,471	25.1	21.7	28.9
70 – 74	195	117,935	29.2	24.5	34.3
75+	231	176,039	30.8	26.5	35.5
Ethnicity[3]					
Malay	5,107	4,382,531	28.4	27.1	29.8
Chinese	843	1,249,661	20.0	17.9	22.2
Indian	503	514,465	26.7	23.4	30.4
Bumiputera Sabah	635	669,716	43.6	39.5	47.8
Bumiputera Sarawak	273	481,171	37.0	28.3	46.7
Orang Asli	22	15,763	19.7	10.2	34.7
Others	528	739,693	26.3	23.4	29.4

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**7,913**	**8,053,980**	**27.5**	**26.3**	**28.6**
Citizenship					
Malaysian	7,564	7,531,521	27.9	26.7	29.1
Non-Malaysian	349	522,459	22.4	19.5	25.7
Marital Status[3]					
Never married	1,770	2,246,888	27.1	25.5	28.8
Married	3,527	3,412,898	25.8	24.5	27.2
Widow/Widower/Divorcee	531	379,689	27.0	24.3	30.0
Education Level[3]					
No formal education	611	522,575	29.7	26.9	32.6
Primary	2,241	2,045,893	26.4	24.7	28.1
Secondary	2,583	2,773,557	25.9	24.5	27.4
Tertiary	1,182	1,470,216	27.8	25.7	30.0
Unclassified	266	251,228	23.9	20.6	27.6
Occupation[3]					
Government /Semi-government employee	623	617,701	32.1	28.8	35.6
Private employee	1,597	2,151,361	26.4	24.8	28.1
Self employed	933	836,909	24.2	22.2	26.3
Unpaid worker/homemaker	851	716,870	24.6	22.6	26.8
Retiree	195	154,118	25.3	21.3	29.8
Unemployed	940	803,982	27.8	25.7	30.0
Student[4]	689	758,534	25.5	23.3	27.9
Household Income Group (RM)					
Less than RM1000	1,287	1,080,785	27.0	24.7	29.4
RM1000 – RM1999	1,443	1,349,174	27.6	25.5	29.7
RM2000 – RM2999	1,364	1,319,547	27.7	25.7	29.9
RM3000 – RM3999	1,035	1,107,059	29.0	26.7	31.4
RM4000 – RM4999	683	759,129	26.3	23.6	29.2
RM5000 – RM5999	601	704,869	31.0	27.5	34.8
RM6000 – RM6999	366	424,559	29.0	24.6	33.7
RM7000 – RM7999	273	264,706	21.9	18.5	25.8
RM8000 – RM8999	256	281,382	27.9	23.3	33.0
RM9000 – RM10000	109	122,978	24.7	19.8	30.3
RM10000 and above	496	639,792	25.3	22.1	28.8
Household Income Quintiles					
Q1 (20% poorest)	1,070	888,755	26.0	23.5	28.6
Q2	1,511	1,436,776	28.4	26.4	30.6
Q3	1,743	1,659,152	27.2	25.4	29.0
Q4	1,616	1,806,413	28.1	26.2	30.0
Q5 (20% richest)	1,973	2,262,884	27.2	25.3	29.2
Socioeconomic Quintiles (Based on HCD 2011)					
Q1 (20% poorest)	1,744	1,739,312	29.6	27.5	31.8
Q2	1,922	1,751,863	29.9	28.0	31.8
Q3	1,599	1,636,939	27.9	26.0	30.0
Q4	1,496	1,569,135	26.7	24.7	28.7
Q5 (20% richest)	1,152	1,356,789	23.2	21.1	25.4

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 1.5: Prevalence of type of care resorted among those who experienced health problems in the last 2 weeks

	Type of care	Count	Estimated population	Prevalence (%)	95% CI	
					Lower	Upper
1.	Self-medicate	3,251	3,511,678	46.0	44.3	47.8
2.	Seek treatment or advice from healthcare provider	3,171	3,100,334	40.6	38.9	42.4
3.	Purchase medicine after getting advised from pharmacist	1,919	2,074,515	27.2	25.6	28.9
4.	Getting advice from other than healthcare provider	602	681,620	8.9	8.0	10.0
5.	Doing anything else	165	185,296	2.4	2.0	3.0

Notes:

1. 95% CI = 95% Confidence Interval
2. "Count" = number of respondents who answered affirmative for this section, and this is not the total sample unless otherwise stated.

Table 1.6: Prevalence of self-medicate following illness(es) in the last 2 weeks by sociodemographic characteristics

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**3,251**	**3,511,678**	**46.0**	**44.3**	**47.8**
State					
Johor	312	416,048	52.0	47.1	56.8
Kedah	159	157,346	35.7	30.0	41.7
Kelantan	274	235,788	45.0	39.7	50.4
Melaka	98	49,011	32.2	22.2	44.2
Negeri Sembilan	119	61,920	34.5	28.1	41.6
Pahang	164	129,758	40.1	34.3	46.2
Pulau Pinang	250	167,130	53.1	43.1	62.9
Perak	185	214,542	46.6	40.2	53.1
Perlis	124	18,043	35.1	28.2	42.7
Selangor	486	682,876	42.5	38.6	46.6
Terengganu	120	74,977	33.1	27.7	39.0
Sabah/Labuan	466	634,367	50.0	45.1	54.9
Sarawak	287	451,353	54.5	47.8	61.1
WP Kuala Lumpur	112	209,423	48.8	42.2	55.4
WP Putrajaya	95	9,094	41.2	35.0	47.7
Location					
Urban	1,799	2,504,225	45.4	43.2	47.7
Rural	1,452	1,007,453	47.6	44.9	50.3
Sex					
Male	1,558	1,802,130	46.7	44.4	49.0
Female	1,693	1,709,548	45.3	43.0	47.7
Age Group (years)					
0 – 4	248	249,629	29.1	25.4	33.2
5 – 9	242	242,277	33.7	28.9	39.0
10 – 14	292	300,242	47.6	42.7	52.6
15 – 19	323	406,371	59.5	54.3	64.5
20 – 24	276	418,636	51.6	46.2	57.0
25 – 29	252	367,067	48.8	43.1	54.6
30 – 34	235	327,831	49.4	43.8	55.0
35 – 39	212	228,501	49.5	43.3	55.7
40 – 44	189	196,446	46.1	40.3	52.0
45 – 49	197	185,407	50.5	44.8	56.1
50 – 54	193	155,490	42.8	36.4	49.5
55 – 59	182	144,650	51.3	45.0	57.7
60 – 64	135	100,487	48.7	41.7	55.7
65 – 69	112	72,976	47.4	38.7	56.2
70 – 74	69	39,371	38.8	29.7	48.8
75+	94	76,296	50.6	41.9	59.2
Ethnicity[3]					
Malay	2,018	1,795,363	43.3	41.2	45.4
Chinese	363	550,022	46.8	42.2	51.4
Indian	179	205,216	41.7	35.9	47.7
Bumiputera Sabah	283	305,447	48.4	42.9	53.9
Bumiputera Sarawak	145	256,755	56.9	48.1	65.2
Orang Asli	12	8,764	57.5	42.2	71.5
Others	251	390,110	54.9	48.9	60.8

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**3,251**	**3,511,678**	**46.0**	**44.3**	**47.8**
Citizenship					
Malaysian	3,081	3,224,042	45.2	43.4	47.1
Non-Malaysian	170	287,636	57.3	50.4	63.9
Marital Status[3]					
Never Married	908	1,181,803	54.1	50.8	57.4
Married	1,470	1,493,450	47.4	45.0	49.8
Widow/Widower/Divorcee	218	175,793	51.6	45.1	58.1
Education Level[3]					
No formal education	223	196,634	42.5	36.8	48.3
Primary	922	899,870	46.8	43.8	49.8
Secondary	1,190	1,344,182	51.3	48.4	54.2
Tertiary	510	653,342	46.3	42.9	49.8
Unclassified	117	123,152	50.4	42.6	58.3
Occupation[3]					
Government /Semi-government employee	259	261,969	45.7	40.2	51.4
Private employee	734	1,038,091	50.3	47.0	53.6
Self-employed	460	442,819	54.8	50.2	59.4
Unpaid worker/homemaker	339	313,397	48.4	43.7	53.0
Retiree	76	63,096	47.0	37.0	57.2
Unemployed	395	328,424	45.9	41.5	50.3
Student[4]	333	403,250	55.2	50.1	60.1
Household Income Group (RM)					
Less than RM1,000	540	486,866	48.5	44.3	52.6
RM1,000 – RM1,999	579	569,299	44.4	40.5	48.4
RM2,000 – RM2,999	534	564,726	44.8	41.1	48.6
RM3,000 – RM3,999	425	477,880	45.7	41.3	50.1
RM4,000 – RM4,999	281	318,574	44.9	39.5	50.3
RM5,000 – RM5,999	267	334,772	49.5	44.1	54.8
RM6,000 – RM6,999	153	188,290	46.3	40.5	52.2
RM7,000 – RM7,999	122	126,563	50.5	43.3	57.6
RM8,000 – RM8,999	98	113,297	42.7	35.2	50.6
RM9,000 – RM9,999	45	57,835	48.7	36.8	60.7
RM10,000 and above	207	273,574	45.2	40.3	50.1
Household Income Quintiles					
Q1 (Poorest 20%)	457	406,032	48.8	44.2	53.4
Q2	610	614,873	45.3	41.4	49.3
Q3	688	703,419	44.3	41.0	47.7
Q4	659	770,938	45.5	42.1	49.0
Q5 (Richest 20%)	837	1,016,415	47.1	44.3	50.0
Socioeconomic Quintiles (Based on HCD 2011)					
Q1 (Poorest 20%)	741	783,114	47.6	44.2	51.0
Q2	770	742,747	45.0	41.7	48.3
Q3	641	693,576	45.2	41.7	48.7
Q4	619	709,786	47.9	44.1	51.6
Q5 (Richest 20%)	480	582,473	44.4	40.6	48.4

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 1.7: Prevalence of those seeking treatment or advice from Healthcare provider following illness(es) in the last 2 weeks by sociodemographic characteristics

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**3,171**	**3,100,334**	**40.6**	**38.9**	**42.4**
State					
Johor	238	299,473	37.4	32.4	42.8
Kedah	158	167,635	38.0	31.4	45.1
Kelantan	193	155,114	29.6	24.3	35.5
Melaka	180	85,395	56.2	45.9	65.9
Negeri Sembilan	199	96,834	54.0	47.6	60.2
Pahang	180	143,835	44.5	39.2	49.8
Pulau Pinang	201	130,693	41.5	32.2	51.5
Perak	176	198,582	43.1	37.7	48.7
Perlis	176	24,161	47.0	40.4	53.8
Selangor	537	741,294	46.1	42.0	50.3
Terengganu	159	98,837	43.7	37.4	50.1
Sabah/Labuan	350	421,293	33.2	28.5	38.2
Sarawak	252	360,655	43.5	37.6	49.7
WP Kuala Lumpur	83	167,687	39.0	32.8	45.6
WP Putrajaya	89	8,845	40.1	32.7	47.9
Location					
Urban	1,769	2,302,895	41.8	39.6	44.0
Rural	1,402	797,439	37.6	35.0	40.4
Sex					
Male	1,470	1,556,661	40.4	38.0	42.8
Female	1,701	1,543,673	40.9	38.8	43.1
Age Group (years)					
0 – 4	542	503,547	58.8	54.6	62.8
5 – 9	376	375,142	52.3	46.7	57.7
10 – 14	209	199,977	31.7	26.7	37.2
15 – 19	153	167,553	24.5	20.6	28.8
20 – 24	151	232,213	28.6	24.2	33.5
25 – 29	219	283,744	37.7	32.7	43.1
30 – 34	191	246,154	37.1	31.6	43.0
35 – 39	177	186,190	40.3	34.6	46.3
40 – 44	172	185,930	43.5	37.6	49.6
45 – 49	180	156,833	42.7	37.0	48.6
50 – 54	210	159,383	43.9	38.4	49.5
55 – 59	176	120,002	42.6	36.4	49.0
60 – 64	134	93,781	45.4	37.8	53.3
65 – 69	99	70,942	46.1	37.5	54.8
70 – 74	89	53,492	52.7	42.2	62.9
75+	93	65,452	43.4	35.5	51.6
Ethnicity[3]					
Malay	2,047	1,704,720	41.1	38.8	43.3
Chinese	338	505,104	42.9	38.5	47.5
Indian	241	235,779	47.9	42.2	53.7
Bumiputera Sabah	239	234,539	37.1	32.8	41.7
Bumiputera Sarawak	125	205,858	45.6	37.6	53.9
Orang Asli	4	3,317	21.8	12.5	35.1
Others	176	210,617	29.6	24.7	35.1

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**3,171**	**3,100,334**	**40.6**	**38.9**	**42.4**
Citizenship					
Malaysian	3,059	2,959,779	41.5	39.8	43.3
Non-Malaysian	112	140,556	28.0	21.6	35.4
Marital Status[3]					
Never Married	520	652,717	29.9	27.1	32.8
Married	1,386	1,284,467	40.8	38.4	43.1
Widow/Widower/Divorcee	214	150,952	44.4	38.4	50.5
Education level[4]					
No formal education	241	193,499	41.8	35.8	48.1
Primary	862	752,163	39.1	36.0	42.3
Secondary	899	916,232	34.9	32.3	37.6
Tertiary	465	566,518	40.2	36.5	43.9
Unclassified	105	96,153	39.4	31.8	47.5
Occupation[3]					
Government /Semi- government employee	245	227,530	39.7	34.4	45.1
Private employee	614	800,394	38.8	35.6	42.0
Self-employed	325	291,264	36.1	31.8	40.5
Unpaid worker/homemaker	327	260,337	40.2	35.6	44.9
Retiree	79	55,029	41.0	32.1	50.5
Unemployed	348	278,074	38.8	34.5	43.4
Student4	182	175,508	24.0	20.0	28.5
Household Income Group (RM)					
Less than RM1,000	485	379,769	37.8	33.6	42.2
RM1,000 – RM1,999	587	513,650	40.0	36.3	44.0
RM2,000 – RM2,999	541	494,765	39.3	35.2	43.6
RM3,000 – RM3,999	407	404,368	38.7	34.6	42.9
RM4,000 – RM4,999	299	326,981	46.0	40.4	51.7
RM5,000 – RM5,999	233	268,488	39.7	33.9	45.8
RM6,000 – RM6,999	144	174,633	42.9	35.6	50.6
RM7,000 – RM7,999	115	99,139	39.5	31.8	47.8
RM8,000 – RM8,999	116	130,860	49.1	40.8	57.5
RM9,000 – RM9,999	44	49,698	41.8	31.3	53.1
RM10,000 and above	200	257,983	42.6	36.5	48.9
Household Income Quintiles					
Q1 (Poorest 20%)	406	329,205	39.6	34.8	44.6
Q2	598	520,454	38.4	34.8	42.1
Q3	703	637,843	40.2	36.5	44.0
Q4	663	699,143	41.2	37.8	44.8
Q5 (Richest 20%)	801	913,689	42.3	39.0	45.7
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (Poorest 20%)	671	625,252	38.0	34.6	41.5
Q2	729	631,670	38.2	35.1	41.4
Q3	637	601,277	39.2	35.7	42.7
Q4	630	632,927	42.7	38.7	46.8
Q5 (Richest 20%)	504	609,224	46.4	42.4	50.5

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with cautior
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 1.8: Prevalence of those purchasing medicine after getting advice from pharmacist following illness(es) in the last 2 weeks by sociodemographic characteristics

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**1,919**	**2,074,515**	**27.2**	**25.6**	**28.9**
State					
Johor	172	229,588	28.7	24.8	32.9
Kedah	159	160,751	36.4	30.3	43.1
Kelantan	174	151,909	29.0	23.8	34.8
Melaka	52	21,462	14.1	9.7	20.1
Negeri Sembilan	43	23,592	13.2	7.5	22.0
Pahang	61	45,531	14.1	10.3	19.0
Pulau Pinang	145	88,468	28.1	21.8	35.5
Perak	118	135,762	29.5	22.6	37.4
Perlis	84	11,149	21.7	14.9	30.5
Selangor	301	419,556	26.1	22.8	29.7
Terengganu	77	46,355	20.5	16.0	25.9
Sabah/Labuan	265	384,322	30.3	25.7	35.3
Sarawak	169	255,133	30.8	24.8	37.5
WP Kuala Lumpur	53	96,412	22.4	16.9	29.2
WP Putrajaya	46	4,524	20.5	15.0	27.4
Location					
Urban	1,081	1,548,239	28.1	26.1	30.1
Rural	838	526,276	24.8	22.3	27.6
Sex					
Male	938	1,110,744	28.8	26.6	31.1
Female	981	963,771	25.5	23.5	27.7
Age Group (years)					
0 – 4	173	161,855	18.9	15.7	22.6
5 – 9	151	136,582	19.0	15.6	23.0
10 – 14	146	175,358	27.8	22.1	34.3
15 – 19	151	198,228	29.0	24.0	34.5
20 – 24	145	236,833	29.2	24.6	34.2
25 – 29	151	225,047	29.9	25.0	35.4
30 – 34	145	203,308	30.6	25.9	35.8
35 – 39	110	122,713	26.6	21.6	32.1
40 – 44	116	121,292	28.4	23.6	33.7
45 – 49	132	121,168	33.0	27.7	38.7
50 – 54	135	111,574	30.7	25.1	37.0
55 – 59	119	93,531	33.2	26.9	40.2
60 – 64	85	64,430	31.2	24.6	38.7
65 – 69	61	40,261	26.1	19.1	34.7
70 – 74	41	21,877	21.5	14.1	31.4
75+	58	40,458	26.8	19.8	35.3
Ethnicity					
Malay	1,203	1,086,136	26.2	24.2	28.2
Chinese	236	342,590	29.1	25.0	33.6
Indian	106	121,331	24.6	19.4	30.8
Bumiputera Sabah	140	160,204	25.4	20.9	30.4
Bumiputera Sarawak	73	137,821	30.5	22.5	40.0
Orang Asli	2	933	6.1	2.9	12.6
Others	159	225,501	31.7	25.9	38.2

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**1,919**	**2,074,515**	**27.2**	**25.6**	**28.9**
Citizenship					
Malaysian	1,821	1,931,213	27.1	25.4	28.8
Non-Malaysian	98	143,303	28.5	22.0	36.2
Marital Status[3]					
Never Married	469	667,743	30.6	27.5	33.8
Married	909	910,877	28.9	26.7	31.2
Widow/Widower/Divorcee	132	94,223	27.7	22.6	33.5
Education level[3]					
No formal education	143	127,338	27.5	22.6	33.1
Primary	547	540,772	28.1	25.2	31.2
Secondary	695	777,478	29.6	27.1	32.3
Tertiary	298	405,700	28.8	25.2	32.6
Unclassified	67	67,633	27.7	20.5	36.3
Occupation[3]					
Government /Semi- government employee	157	165,763	28.9	23.7	34.7
Private employee	448	640,299	31.0	28.1	34.1
Self-employed	244	221,320	27.4	23.7	31.5
Unpaid worker/homemaker	209	185,794	28.7	24.7	33.1
Retiree	61	52,870	39.4	30.3	49.2
Unemployed	225	195,561	27.3	23.1	31.9
Student[4]	166	211,236	28.8	23.5	34.9
Household Income Group (RM)					
Less than RM1,000	297	261,016	26.0	22.0	30.4
RM1,000 – RM1,999	353	328,972	25.6	22.3	29.3
RM2,000 – RM2,999	326	356,410	28.3	24.6	32.3
RM3,000 – RM3,999	278	302,424	28.9	25.3	32.8
RM4,000 – RM4,999	178	218,714	30.8	26.1	35.9
RM5,000 – RM5,999	149	180,442	26.7	22.3	31.6
RM6,000 – RM6,999	86	118,149	29.1	23.2	35.6
RM7,000 – RM7,999	62	65,767	26.2	19.6	34.1
RM8,000 – RM8,999	53	60,019	22.5	17.5	28.5
RM9,000 – RM9,999	29	31,046	26.1	18.0	36.4
RM10,000 and above	108	151,555	25.0	20.3	30.5
Household Income Quintiles					
Q1 (Poorest 20%)	254	226,006	27.2	22.5	32.4
Q2	365	347,488	25.6	22.4	29.1
Q3	416	428,368	27.0	23.8	30.4
Q4	420	499,646	29.5	26.5	32.6
Q5 (Richest 20%)	464	573,007	26.5	23.9	29.3
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (Poorest 20%)	417	436,406	26.5	23.7	29.5
Q2	455	433,009	26.2	23.2	29.5
Q3	400	437,424	28.5	25.5	31.7
Q4	377	409,664	27.6	24.4	31.2
Q5 (Richest 20%)	270	358,038	27.3	23.3	31.7

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 1.9: Prevalence of those getting advice from others, other than Healthcare provider following the illness(es) in the last 2 weeks by sociodemographic characteristics

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**602**	**681,620**	**8.9**	**8.0**	**10.0**
State					
Johor	62	82,329	10.3	7.8	13.5
Kedah	21	22,364	5.1	3.4	7.6
Kelantan	39	36,268	6.9	4.0	11.8
Melaka	12	9,269	6.1	3.1	11.7
Negeri Sembilan	12	6,020	3.4	1.6	7.0
Pahang	32	23,778	7.4	5.0	10.7
Pulau Pinang	42	25,552	8.1	4.7	13.7
Perak	27	19,632	4.3	2.4	7.3
Perlis	12	1,786	3.5	1.6	7.2
Selangor	129	188,976	11.8	9.3	14.7
Terengganu	16	11,641	5.1	2.9	8.9
Sabah/Labuan	106	138,046	10.9	8.6	13.6
Sarawak	60	87,020	10.5	7.3	14.9
WP Kuala Lumpur	15	27,505	6.4	3.2	12.3
WP Putrajaya	17	1,436	6.5	3.8	11.0
Location					
Urban	367	513,410	9.3	8.2	10.6
Rural	235	168,210	7.9	6.4	9.7
Sex					
Male	322	372,731	9.7	8.4	11.1
Female	280	308,889	8.2	7.0	9.5
Age Group (years)					
0 – 4	69	88,718	10.4	7.8	13.7
5 – 9	44	46,844	6.5	4.7	9.1
10 – 14	33	35,959	5.7	3.9	8.3
15 – 19	48	58,684	8.6	6.2	11.8
20 – 24	52	70,676	8.7	6.4	11.8
25 – 29	54	81,307	10.8	8.0	14.4
30 – 34	47	58,414	8.8	6.2	12.4
35 – 39	30	36,095	7.8	5.1	11.7
40 – 44	38	45,785	10.7	7.5	15.1
45 – 49	41	39,518	10.8	7.5	15.1
50 – 54	35	28,373	7.8	5.1	11.7
55 – 59	32	25,645	9.1	6.2	13.2
60 – 64	26	21,871	10.6	6.5	16.7
65 – 69	17	15,921	10.3	5.8	17.8
70 – 74	20	15,615	15.4	9.2	24.6
75+	16	12,196	8.1	4.6	13.8
Ethnicity					
Malay	345	353,461	8.5	7.3	9.9
Chinese	76	100,626	8.6	6.1	11.9
Indian	38	43,956	8.9	6.3	12.6
Bumiputera Sabah	68	81,366	12.9	9.6	17.0
Bumiputera Sarawak	28	47,388	10.5	6.8	15.8
Orang Asli	1	700	4.6	0.4	34.6
Others	46	54,122	7.6	5.4	10.6

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**602**	**681,620**	**8.9**	**8.0**	**10.0**
Citizenship					
Malaysian	581	655,958	9.2	8.2	10.3
Non-Malaysian	21	25,662	5.1	2.9	8.8
Marital Status[3]					
Never Married	158	208,608	9.5	8.0	11.4
Married	276	284,846	9.0	7.9	10.4
Widow/Widower/Divorcee	40	34,606	10.2	7.0	14.6
Education level[3]					
No formal education	36	34,173	7.4	5.1	10.6
Primary	158	150,303	7.8	6.4	9.5
Secondary	194	225,180	8.6	7.2	10.2
Tertiary	123	164,739	11.7	9.6	14.1
Unclassified	14	11,347	4.6	2.7	8.0
Occupation[3]					
Government /Semi-government employee	59	65,811	11.5	8.3	15.6
Private employee	137	192,618	9.3	7.7	11.2
Self-employed	86	75,509	9.3	7.2	12.1
Unpaid worker/homemaker	45	41,645	6.4	4.5	9.0
Retiree	15	19,026	14.2	7.9	24.1
Unemployed	81	71,964	10.1	7.8	12.8
Student[4]	51	61,487	8.4	6.0	11.6
Household Income Group (RM)					
Less than RM1,000	81	69,693	6.9	5.3	9.0
RM1,000 – RM1,999	96	91,157	7.1	5.6	9.0
RM2,000 – RM2,999	101	101,814	8.1	6.4	10.2
RM3,000 – RM3,999	87	112,887	10.8	8.4	13.8
RM4,000 – RM4,999	45	57,573	8.1	5.5	11.8
RM5,000 – RM5,999	45	58,927	8.7	6.2	12.1
RM6,000 – RM6,999	33	41,214	10.1	6.9	14.6
RM7,000 – RM7,999	24	23,457	9.4	5.9	14.5
RM8,000 – RM8,999	26	40,153	15.1	10.0	22.1
RM9,000 – RM9,999	6	8,644	7.3	3.2	15.5
RM10,000 and above	58	76,101	12.6	8.8	17.6
Household Income Quintiles					
Q1 (Poorest 20%)	73	64,530	7.8	5.9	10.2
Q2	96	88,314	6.5	5.1	8.3
Q3	127	126,248	7.9	6.4	9.8
Q4	120	164,487	9.7	7.7	12.1
Q5 (Richest 20%)	186	238,041	11.0	9.1	13.3
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (Poorest 20%)	130	137,817	8.4	6.9	10.2
Q2	135	129,012	7.8	6.3	9.7
Q3	104	121,096	7.9	6.3	9.9
Q4	130	163,717	11.0	8.9	13.6
Q5 (Richest 20%)	103	129,984	9.9	7.7	12.7

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 1.10: Prevalence of those doing other than mentioned above following the illness(es) in the last 2 weeks by sociodemographic characteristics

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**165**	**185,296**	**2.4**	**2.0**	**3.0**
State					
Johor	14	18,877	2.4	1.4	4.1
Kedah	17	17,379	3.9	1.8	8.2
Kelantan	5	2,821	0.5	0.2	1.6
Melaka	8	2,410	1.6	0.5	4.9
Negeri Sembilan	1	522	0.3	0.0	2.0
Pahang	5	4,285	1.3	0.6	3.1
Pulau Pinang	15	8,842	2.8	1.2	6.5
Perak	3	2,250	0.5	0.1	1.8
Perlis	7	869	1.7	0.8	3.6
Selangor	37	54,279	3.4	2.2	5.1
Terengganu	13	8,024	3.5	1.9	6.4
Sabah/Labuan	16	20,763	1.6	1.0	2.7
Sarawak	20	40,821	4.9	3.1	7.7
WP Kuala Lumpur	2	2,947	0.7	0.1	4.2
WP Putrajaya	2	206	0.9	0.2	3.7
Location					
Urban	99	135,366	2.5	1.9	3.2
Rural	66	49,930	2.4	1.7	3.3
Sex					
Male	84	88,863	2.3	1.7	3.1
Female	81	96,433	2.6	1.9	3.3
Age Group (years)					
0 – 4	13	12,940	1.5	0.7	3.1
5 – 9	11	6,981	1.0	0.4	2.1
10 – 14	10	9,647	1.5	0.7	3.1
15 – 19	19	28,505	4.2	2.4	7.1
20 – 24	16	21,932	2.7	1.5	4.9
25 – 29	17	25,296	3.4	2.0	5.7
30 – 34	14	21,160	3.2	1.8	5.6
35 – 39	14	14,799	3.2	1.7	6.0
40 – 44	8	8,885	2.1	1.0	4.4
45 – 49	13	14,161	3.9	1.9	7.6
50 – 54	10	7,018	1.9	1.0	3.8
55 – 59	8	5,401	1.9	0.8	4.4
60 – 64	5	3,521	1.7	0.6	4.9
65 – 69	5	3,739	2.4	0.9	6.6
70 – 74	-	-	-	-	-
75+	2	1,311	0.9	0.2	3.4
Ethnicity					
Malay	105	95,150	2.3	1.7	3.0
Chinese	20	28,505	2.4	1.4	4.2
Indian	10	9,889	2.0	0.9	4.3
Bumiputera Sabah	12	13,048	2.1	1.1	3.8
Bumiputera Sarawak	9	22,132	4.9	2.6	8.9
Orang Asli	-	-	0.0	-	-
Others	9	16,571	2.3	1.1	4.9

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**165**	**185,296**	**2.4**	**2.0**	**3.0**
Citizenship					
Malaysian	158	175,260	2.5	2.0	3.0
Non-Malaysian	7	10,036	2.0	0.7	5.4
Marital Status[3]					
Never Married	47	64,200	2.9	2.1	4.1
Married	82	90,053	2.9	2.2	3.7
Widow/Widower/Divorcee	3	2,318	0.7	0.2	2.2
Education level[3]					
No formal education	7	3,318	0.7	0.3	1.7
Primary	35	33,090	1.7	1.1	2.6
Secondary	59	68,976	2.6	1.9	3.7
Tertiary	46	61,727	4.4	3.1	6.2
Unclassified	2	2,579	1.1	0.2	4.7
Occupation[3]					
Government /Semi-government employee	18	23,470	4.1	2.3	7.3
Private employee	59	77,859	3.8	2.8	5.1
Self-employed	23	20,642	2.6	1.5	4.2
Unpaid worker/homemaker	12	12,414	1.9	1.0	3.5
Retiree	3	3,082	2.3	0.7	7.5
Unemployed	6	4,505	0.6	0.2	1.6
Student[4]	11	14,599	2.0	1.0	4.1
Household Income Group (RM)					
Less than RM1,000	15	12,905	1.3	0.6	2.8
RM1,000 – RM1,999	41	44,051	3.4	2.3	5.0
RM2,000 – RM2,999	19	16,849	1.3	0.7	2.6
RM3,000 – RM3,999	20	21,477	2.1	1.2	3.5
RM4,000 – RM4,999	12	14,114	2.0	1.0	4.1
RM5,000 – RM5,999	12	15,472	2.3	1.2	4.5
RM6,000 – RM6,999	8	6,697	1.6	0.7	3.7
RM7,000 – RM7,999	9	9,839	3.9	1.9	8.0
RM8,000 – RM8,999	6	7,249	2.7	1.1	6.4
RM9,000 – RM9,999	2	2,572	2.2	0.5	8.4
RM10,000 and above	21	34,071	5.6	3.6	8.7
Household Income Quintiles					
Q1 (Poorest 20%)	13	9,930	1.2	0.6	2.6
Q2	35	41,315	3.0	2.0	4.5
Q3	32	28,655	1.8	1.1	3.0
Q4	32	35,364	2.1	1.3	3.3
Q5 (Richest 20%)	53	70,033	3.2	2.4	4.4
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (Poorest 20%)	34	42,102	2.6	1.7	3.8
Q2	31	25,563	1.5	1.0	2.4
Q3	42	44,009	2.9	1.9	4.2
Q4	24	29,181	2.0	1.3	3.0
Q5 (Richest 20%)	34	44,441	3.4	2.2	5.1

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

1.4 VARIABLE DEFINITON

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition
Autonomy in deciding whether care need to be sought	• a2410	weight_final	Respondents reported who usually decides whether care need to be sought	svy: tab a2410, obs count format(%12.3gc) svy: tab a2410, ci format(%12.3f)
Three most influential decision-maker in deciding whether care need to be sought by sociodemographic characteristics	• a2410 • By SES • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Three most influential decision-maker chosen by respondents	foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile {svy: tab `var' a2410, obscount format(%12.3gc) svy: tab `var' a2410, ci format(%12.3f) row }
Prevalence of reported health problems (any health problems including dental) in the last 2 weeks by sociodemographics characteristics	sick • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Those who are sick for the past 2 weeks 1 "sick" 2 "healthy" .a "don't know" .b "refuse to answer"	*overall foreachvar of varlist sick (svy: tab `var', obs count format(%12.2gc)svy: tab `var', ci format(%10.3f) *SES foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile (svy: tab `var' sick, obs count format(%12.2gc) svy: tab `var' sick, ci format(%10.3f)row)
Prevalence of type of care resorted among those who experience health problems in	• selfmedicate • txhcp • pmedicine	weight_final	Type of care chosen by the population that experience any of the health problem listed in	foreachvar of varlistselfmedicatetxhcppmedicine advice anyelse (svy: tab `var', obs count format(%12.2gc)

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition
the last 2 weeks	• advice • anyelse		the past two weeks prior to the interview	svy: tab `var', ci format(%10.3f) }
Prevalence of self-medicate following illness(es) in the last 2 weeks by sociodemographics characteristics	selfmedicate • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Those who self-medicate if they are sick for the past 2 weeks 1 "yes(selfmedicate if sick)" 0"no(sick but no selfmedicate)"	*overall foreachvar of varlistselmedicate (svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) *SES foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile { svy: tab `var' selfmedicate, obs count format (%12.2gc) svy: tab `var' selfmedicate, ci format(%10.3f)row }
Prevalence of those seeking treatment or advice from healthcare provider following illness(es) in the last 2 weeks by sociodemographics characteristics	txhcp • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Those who seek treatment from healthcare provider if they are sick for the past 2 weeks 1 "yes(txhcp if sick)" 0 "no(sick but no txhcp)"	*overall foreachvar of varlisttxhcp { svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) *SES foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintilequintile { svy: tab `var'txhcp, obs count format(%12.2gc) svy: tab `var' txhcp, ci format(%10.3f)row }
Prevalence of those purchasing medicine after getting advice from pharmacist following illness(es) in the last 2 weeks by sociodemographic characteristics	pmedicine • state • strata • sex • agegroup • ethnic7 • citizen	weight_final	Those who purchased medicine if they are sick for the past 2 weeks 1 "yes(pmedicine if sick)" 0 "no(sick but no pmedicine)"	*overall foreachvar of varlistpmedicine (svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) *SES foreachvar of varlist state strata sex agegroup ethnic7

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition
the last 2 weeks	• advice • anyelse		the past two weeks prior to the interview	svy: tab `var', ci format(%10.3f) }
Prevalence of self-medicate following illness(es) in the last 2 weeks by sociodemographics characteristics	selfmedicate • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Those who self-medicate if they are sick for the past 2 weeks 1 "yes(selfmedicate if sick)" 0"no(sick but no selfmedicate)"	*overall foreachvar of varlistselmedicate (svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) *SES foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile { svy: tab `var' selfmedicate, obs count format (%12.2gc) svy: tab `var' selfmedicate, ci format(%10.3f)row }
Prevalence of those seeking treatment or advice from healthcare provider following illness(es) in the last 2 weeks by sociodemographics characteristics	txhcp • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Those who seek treatment from healthcare provider if they are sick for the past 2 weeks 1 "yes(txhcp if sick)" 0 "no(sick but no txhcp)"	*overall foreachvar of varlisttxhcp { svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) *SES foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintilequintile { svy: tab `var'txhcp, obs count format(%12.2gc) svy: tab `var' txhcp, ci format(%10.3f)row }
Prevalence of those purchasing medicine after getting advice from pharmacist following illness(es) in the last 2 weeks by sociodemographic characteristics	pmedicine • state • strata • sex • agegroup • ethnic7 • citizen	weight_final	Those who purchased medicine if they are sick for the past 2 weeks 1 "yes(pmedicine if sick)" 0 "no(sick but no pmedicine)"	*overall foreachvar of varlistpmedicine (svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) *SES foreachvar of varlist state strata sex agegroup ethnic7

Topic II

COMMUNITY PERCEPTION ON MALAYSIA HEALTHCARE DELIVERY

2. COMMUNITY PERCEPTION ON MALAYSIA HEALTHCARE DELIVERY

2.1 OBJECTIVES

2.1.1 General Objective

To describe the community perception towards government/private healthcare delivery services (in-patient, out-patient and oral healthcare).

2.1.2 Specific Objective

1. To identify choice of preferred provider for specific health conditions;
2. To identify perceived cost for government and private care; and
3. To measure community perception towards government/private healthcare delivery systems.

2.2 CHOICE OF PREFERRED PROVIDER FOR SPECIFIC HEALTH CONDITIONS

This community perception module was only available for those aged 18 years and above. The response rates were more than 98% (from 19,959 respondents having responded to this module). Respondents were required to choose their choice of healthcare provider for six different general health conditions namely minor health problem, major health problem, minor surgery, major surgery, dental treatment and for birth delivery.

In summary, more than two-thirds of the adult population preferred government to private facilities with the exception of minor health problem (**Table 2.3**). Slightly more than half of the population preferred government facilities (51.4%; 95% CI 49.8-53.1) as compared to private (43.6%; 95% CI 41.9-45.2) for this health condition.

The same trend was observed for those in urban area, the Chinese, those with higher education level as well as the population with higher household income level. They preferred private facilities for all the six general health conditions (**Table 2.3 – Table 2.9**).

2.2.1 Minor Health Problem

In general, 51.4% (95% CI, 49.8 - 53.1) of the population preferred government facilities when they had minor health problem as compared to private facilities (43.6%; 95% CI, 41.9 - 45.2), not to go to any facility (4.1%; 95% CI, 3.7 - 4.5) and traditional/ complementary/ alternative facility (0.9%; 95% CI, 0.7 - 1.1) (**Table 2.4**). Government facilities were predominantly the preferred choice in Kelantan (73.4%; 95% CI, 69.2 - 77.2), WP Putrajaya and Sarawak, whereas private facilities were the preferred choice in Selangor (60.4%; 95% CI, 56.6 - 64.0), WP Kuala Lumpur and Johor.

Those from urban area (49.3%; 95% CI, 47.3 - 51.3); Chinese (59.2%; 95% CI, 56.0 - 62.3); non-Malaysians (57.8%; 95% CI, 52.6 - 62.9); with tertiary education (61.4%; 95% CI, 59.0 - 63.8); private employees (57.3%; 95% CI, 55.0 - 59.6) preferred private facilities. Conversely, government facilities were the preferred choice amongst Orang Asli (86.9%; 95% CI, 69.7 - 95.0).

There was an increasing trend towards private facilities as age increased with the peak at the age group of 35-39 (52.7%; 95% CI, 49.2 - 56.3); the same trend was also observed as household income and education level increases.

2.2.2 Major Health Problem

Majority of the population preferred government facilities (75.5%; 95% CI, 74.0 - 77.0) when they had major health problem while the remaining of the population preferred private facilities (23.5%; 95% CI, 22.1 - 25.0); not to go to any facility (0.7%; 95% CI, 0.5 - 0.9) and traditional/ complementary/ alternative facility (0.2%; 95% CI, 0.2 - 0.4) (**Table 2.5**).

Across the states, private facilities were the preferred choice in Pulau Pinang (39.6%; 95% CI, 31.8 - 47.9), Selangor and WP Kuala Lumpur; among the Chinese (41.9%; 95% CI, 38.6 - 45.2); those with tertiary education (38.0%; 95% CI, 35.5 - 40.5); private employees (32.3%; 95% CI, 30.1 - 34.7).

There was an increasing trend towards private facilities as age increased with the peak at the age group of 35-39 (29.1%; 95% CI, 26.1 - 32.2). The similar increasing pattern was observed for the education level and household income.

2.2.3 Minor Surgery

In general, 68.4% (95% CI, 66.7 - 70.0) of the population preferred government facilities. The remaining of the population (30.3%; 95% CI, 28.7 - 32.0) preferred private facilities. Only a small fraction of the population chose not go to any facility and traditional/ complementary/ alternative facility (**Table 2.6**).

Majority of the population in Perlis (89.9%; 95% CI, 87.2 - 92.0), Kelantan and Kedah preferred government facilities whereas the private facilities were the preferred choice for those in WP Kuala Lumpur (48.1%; 95% CI, 40.0 - 56.2), Selangor and Pulau Pinang.

Government facilities were the preferred choice for those from the rural region (84.9%; 95% CI, 82.3 - 87.1); Malaysians (69.9%; 95% CI, 68.3 - 71.5); widow/ widower/ divorcee (80.9%; 95% CI, 77.9 - 83.5); those who were unemployed (82.6%; 95% CI, 80.3 - 84.7) whereas the Chinese (51.2%; 95% CI, 47.8 - 54.6); non-Malaysians (41.2%; 95% CI, 35.7 - 47.0); population with tertiary education (46.4%; 95% CI, 43.9 - 49.0) preferred private facilities.

There was an increasing trend towards private facilities as age increased until the age group of 35-39 (38.1%; 95% CI, 34.7 - 41.6). Thereafter, the trend decreased. However, the differences were not statistically significant.

Similarly, as household income increased, there was an increase in the preferred choice of provider towards private facilities.

2.2.4 Major Surgery

As a whole, 90.6% (95% CI, 88.8 - 92.1) of the population preferred government facilities; 8.6% (95% CI, 7.3 - 10.2) preferred private facilities if they need major surgery. Less than 1% of the

population chose to not go to any facility and traditional/complementary/ alternative facility (**Table 2.7**).

Across the states, Perlis (94.2%; 95% CI, 91.5 - 96.1) had the highest population who preferred government facilities if they require major surgery followed by Kelantan and Kedah. On the contrary, those in Pulau Pinang (37.2%; 95% CI, 29.2 - 45.9), WP Kuala Lumpur and Selangor preferred private facilities.

Government facilities were the preferred choice for those living in rural area (90.6%; 95% CI, 88.8 - 92.1); Malaysians (79.5%; 95% CI, 78.0 - 80.9); widow/ widower/ divorcee (87.5%; 95% CI, 84.4 - 89.8) whereas those living in urban area (25.2%; 95% CI, 23.4 - 27.0); Chinese (39.6%; 95% CI, 36.4 - 42.9); non-Malaysians (30.6%; 95% CI, 25.3 - 36.4); those with tertiary education (34.3%; 95% CI, 31.8 - 36.9) preferred private facilities.

As age increases, there was an increasing trend towards the private facilities until age group of 35 - 39 and 40 - 44. Subsequently, a decreasing trend was observed as age increases.

The same increasing trend was also observed for the household income. As household income increases, there was an increment in the trend towards private facilities.

2.2.5 Dental Treatment

2.2.5.1 Government Dental Facility

More than 60% (61.2%; 95% CI, 59.4 - 62.9) of the population preferred to seek oral healthcare at government dental facilities in the last 12 months. A higher prevalence was observed in the rural population (78.9%, 95% CI, 76.1 - 81.5) and those with no formal education (74.9%; 95% CI, 69.4 - 79.7).

In addition, a higher prevalence was seen in the aged group 75 and above (76.5%; 95% CI, 71.8 - 80.6) as compared to other age groups except those in the age range of 18 – 19 and 60 to 74. Subsequently, there was a down going trend with the increase of age.

Notably, a lower prevalence was observed among the Chinese (39.4%; 95% CI, 36.0 - 42.8) and those with a gross monthly income of RM10,000 and above (27.2%; 95% CI, 23.0 - 31.9) (**Table 2.8**). There was a shift of preference from government to private facilities as education level and household income increases.

2.2.5.2 Private Dental Facility

More than a third of the population (37.3%; 95% CI, 35.6 - 39.0) preferred to seek oral healthcare at private dental facilities in the last 12 months. The prevalence was higher among the urban population (43.0%; 95% CI, 40.9 - 45.1) and those of Chinese ethnicity (59.2%; 95% CI, 55.7 - 62.5). There was an increasing trend towards the private facilities as age increases until the age group of 35-39 (43.7%; 95% CI, 40.3 - 47.3).

A higher proportion of those with tertiary level education (56.1%; 95% CI, 53.6 - 58.6) and notably those with a gross monthly income of RM10,000 and above (71.2%; 95% CI, 66.4 - 75.6) also preferred to seek oral healthcare at private dental facilities.

2.2.5.3 Traditional or Complementary Medicine Facility

Only a very small proportion of population preferred to seek oral healthcare at traditional/complementary medicine facility for oral health problems in the last 12 months (0.1%; 95% CI, 0.1 - 0.2).

2.2.5.4 Not Going to Any Facilities

A very small proportion of population preferred not to seek oral healthcare from any facilities for oral health problems in the last 12 months (1.4%; 95% CI, 1.1 – 1.8).

2.2.6 For Birth Delivery

In general, 78.1% (95% CI, 76.5 - 79.6) of the population preferred government facilities as compared to 20.5% (95% CI, 19.0 - 22.1) who preferred private facilities. Less than 1% of the population chose not to go to any facility and to traditional/ complementary/ alternative facility (**Table 2.9**).

Kelantan (94.6%; 95% CI, 91.8 - 96.5), Kedah and Terengganu were among the states with the highest percentage of population who preferred government facilities for birth delivery. Meanwhile, those in Pulau Pinang (40.8%; 95% CI, 31.0 - 51.3), WP Kuala Lumpur and Selangor preferred private facilities.

Government facilities were the preferred choice for those residing in rural area (90.8%; 95% CI, 88.7 - 92.6); among the Malaysians (79.4%; 95% CI, 77.8 - 80.9); widow/ widower/ divorcee (84.7%; 95% CI, 81.7 - 87.2) as well as those who were unemployed (87.8%; 95% CI, 85.8 - 89.5). Those staying in urban area (24.9; 95% CI, 23.0 - 26.9) and the Chinese (42.4%; 95% CI, 39.1 - 45.7) chose private facilities.

Government facilities were the preferred choice for male and female, all age groups and marital status. Shift of trend favouring private facilities was seen as education level and household income increases.

2.3 PERCEIVED COST FOR GOVERNMENT AND PRIVATE HEALTHCARE

In this section, respondents were required to state their perceived cost for healthcare (per visit) to both government and private facilities given six different health conditions. Response rates varied in this section (53.7- 99.7%) with particularly low response rate for the perceived cost for major surgery.

Generally, the younger adult population and those with higher income perceived higher healthcare cost in government for all the six health conditions. Meanwhile, those living in urban area perceived higher healthcare cost in private as compared to government facilities. In addition to that, the perceived cost for birth delivery was perceived to be 13 times more in private as compared to government facilities (comparing the mean) (**Table 2.10**).

2.3.1 Minor Health Problem

The mean perceived cost for minor health problem was RM4.10 (95% CI, 3.34 - 4.86) and RM44.09 (95% CI, 43.30 - 44.89) respectively for government and private facilities (**Table 2.11**). It was 10 times higher in private as compared to government facilities.

2.3.2 Major Health Problem

Meanwhile, the mean perceived cost for major health problem in private and government was RM165.82 (95% CI, 154.81 – 176.82) and RM19.46 (95% CI, 16.94 – 21.98) respectively. The healthcare cost in private was perceived to be about 8.5 times more as compared to the government (means comparison). Across all SES, more discrepancies were observed for the perceived cost in private facilities. (**Table 2.12**).

2.3.3 Minor Surgery

As a whole, the population perceived higher cost (approximately 8.6 times more) for minor surgery in private (RM90.89; 95% CI, 87.32 - 94.45) as compared to government facilities (RM10.54; 95% CI, 9.40 - 11.68) (mean comparisons) (**Table 2.13**).

There was not much difference in the perceived cost across income quintiles for both government and private.facilities. Similar pattern of perceived cost was seen in household income group for both government and private.

2.3.4 Major Surgery

Overall, the mean for perceived cost for major surgery in private (RM13,123.55; 95% CI, 12,346.89 - 13,900.21) was approximately 6.1 times more as compared to government facilities (RM2,143.87; 95% CI 1,967.54 - 2,320.19) (**Table 2.14**).

The cost for major surgery was perceived to be more in government facilities by the younger as compared to the elder population. Whilst for private, the middle age population perceived that they need to pay more for major surgery. Those from higher income group (RM8,000 and above) perceived the cost for major surgery to be higher as compared to other income group for both government and private facilities.

2.3.5 Dental Treatment

Overall, private was perceived as about 11.5 times more costly compared to government (means comparison). The highest mean perceived cost for dental treatment was for oral healthcare rendered by the private providers (RM96.15; 95% CI, RM92.05 – RM100.25) as compared to public providers (RM8.33; 95% CI, RM7.03 – RM9.64) (**Table 2.15**). The population in WPKL perceived they had paid more for oral healthcare by private providers (RM139.45; 95% CI, 119.72 - 159.17) compared to other states except for the state of Selangor. A higher mean cost payment to private providers was also perceived by the urban population (RM103.87; 95% CI, RM98.59 – RM109.15) compared to the rural population (RM72.41; 95% CI, RM68.72 – RM76.11). Those of 'others' ethnicity perceived a higher cost payment (RM22.82; 95% CI, 16.99 - 28.64) to government provider compared to other

ethnicities. Non-Malaysians also perceived the payment to be higher (RM26.20; 95% CI, 19.96 - 32.43) compared to the perception of Malaysians for government oral healthcare.

By ethnicity, the Indian population perceived that they would spend more for oral healthcare by private providers RM124.26 (95% CI, RM107.16 – RM141.37) compared to other ethnic groups except for those of Chinese ethnicity. Likewise, population with tertiary education also perceived they have to pay more (RM115.24; 95% CI, RM107.53 – RM122.95) for oral healthcare at government facilities compared to other education level groups. Those with household income of RM10,000 and above also perceived a higher cost of dental treatment (RM138.00; 95% CI, 122.00 - 154.00) by private providers compared to other household income groups except for those with a household income of RM7,000 – RM9,999.

2.3.6 For Birth Delivery

The perceived cost for birth delivery was about 13.5 times higher in private as compared to government facilities. Across all SES, more discrepancies were observed for birth delivery in private facilities (**Table 2.16**).

2.4 COMMUNITY PERCEPTION TOWARDS GOVERNMENT/PRIVATE HEALTHCARE DELIVERY SYSTEMS

In this section, respondents were required to rate Malaysia's healthcare delivery systems based on their perception, own experience or what they have heard from other's experience. Respondents were assisted to make relative assessment by rating the government followed by private facilities. Overall, responses rate for AC200 section were more than 92% (**Table 2.17**).

These community perception questions were analysed in terms of the proportion of respondents perceiving each aspect as " ≤poor" (reporting "poor" and "very poor"), "fair" and "≥good" (reporting "good" and "excellent").

2.4.1 General findings

In general, majority of the population had good perception on Malaysia's healthcare delivery systems. The population had a significant positive overall impression (reporting "good" and "excellent") towards government clinics (77.8%; 95% CI, 76.7 - 78.9) as compared to private clinics (70.9%; 95% CI, 69.6 - 72.2) (**Table 2.17**).

The percentage of population perceiving good overall impression towards government hospitals (79.6%; 95% CI, 78.5 - 80.7) was also significantly higher than private hospitals (70.8%; 95% CI, 69.5 - 72.1).

Percentage of those reporting "poor" and "very poor" was significantly higher for the ability to choose the doctor and waiting time to see a doctor in government clinics as compared to private clinics. For government hospitals, the same applied, with the addition of the ability to ask for private room/ sharing with less people. Meanwhile, for private healthcare facilities (clinics and hospitals), percentage of reporting poor was significantly higher for treatment charges as compared to the government.

2.4.2 Summary of findings

Despite having significant higher percentage of population who rated government services (clinics and hospitals) "good" for overall impression, there were more subgroups that perceived government services to be "poor" for each aspect of healthcare delivery systems that were analysed by socioeconomic status (**Table 2.1** and **Table 2.2**).

For out-patient services, more of the population in Pulau Pinang had somewhat low perception towards the availability of specialist, allowed to choose doctor, waiting time to see the doctor, amount of time the doctor spent with patient, clarity of doctor's explanation and outcome of services/ treatment of government clinics.

Population in urban; the Chinese; with tertiary education; those in the highest quintile (Q5 for both socioeconomic quintiles and quintiles based on HCD 2011 had higher percentage of "poor" with at least 9 (out of 14) aspects of government clinics and hospitals services.

Table 2.1: Summary table for clinic – Respondents' perception towards Malaysia's healthcare delivery systems (clinics): % reporting "poor" or "very poor " (Subgroups with significantly higher % reported here)

Respondent perception	Socioeconomic status										
	State	Location	Age group	Ethnicity	Citizenship	Marital status	Education level	Occupation	HH income group	SES quintiles	Income Quintiles
Convenience of clinic location	Sarawak	Rural	-	Bumiputera Sarawak	-	Widow/er / divorcee	No formal education	Unemployed	<RM1,000	Q1	Q1
Convenience of operating hours	-	Urban	-	Chinese	Malaysian	-	Tertiary	Private employee	≥RM10,000	Q5	Q5
Comfort of clinic	WP Kuala Lumpur	Urban	-	Chinese	Malaysian	Never married	Tertiary	Student	≥RM10,000	Q5	Q5
Availability of laboratory test	-	Rural	-	Orang Asli	-	-	No formal education	-	-	-	-
Availability of specialist	Pulau Pinang	Urban	-	Orang Asli	Malaysian	-	Tertiary	-	≥RM10,000	Q5	Q5
Allowed to choose doctor	Pulau Pinang	Urban	25-29	Chinese	Malaysian	Never married	Tertiary	Student	RM8,000-8,999	Q5	Q5
Waiting time to see doctor	Pulau Pinang	Urban	25-29	Chinese	Malaysian	Never married	Tertiary	Student	RM8,000-8,999	Q5	Q5
Amount of time doctor spends with patient	Pulau Pinang	Urban	25-29	Chinese	Malaysian	Never married	Tertiary	Student	RM7,000-7,999	Q5	Q5
Ability to give correct diagnosis and treatment	-	Urban	30-34	Chinese	-	-	Tertiary	-	-	Q5	Q5
Clarity of doctor's explanation	Pulau Pinang	Urban	-	Chinese	-	-	Tertiary	-	≥RM10,000	Q5	Q5
Courtesy and helpfulness of healthcare providers	Selangor	Urban	30-34	Chinese	Malaysian	Never married	Tertiary	-	-	Q4 and Q5	Q5
Outcome of services/ treatment	Pulau Pinang	Urban	-	Chinese	-	-	-	-	-	Q4	Q5
Treatment charges	Pulau Pinang	Rural	-	Bumiputera Sarawak	Malaysian	Widow/er / divorcee	No formal education	Retiree	<RM1,000	Q1	Q5
Overall impression towards clinic	Kedah	Rural	60-64	Bumiputera Sarawak	-	Widow/er / divorcee	No formal education	Unemployed	<RM1,000	Q1	Q1

Note: "Significantly" was used to refer to non-overlapping confidence limits. No statistical test had been carried out to prove the presence of actual significance.

Legend: Government Private

Table 2.2: Summary table for hospital – Respondents' perception towards Malaysia's healthcare delivery systems (hospitals): % reporting "poor" or "very poor" (Subgroups with significantly higher % reported here)

Respondent perception	Socioeconomic status										
	State	Location	Age group	Ethnicity	Citizenship	Marital status	Education level	Occupation	HH income group	SES quintiles	Income Quintiles
Convenience of hospital location	Perlis	Rural	-	-	-	Widow/er/ divorcee	No formal education	Self-employed	RM1,000-RM1,999	Q2	Q1
Ability to ask for private room/ share with less people	Pulau Pinang	Urban	≥75	Orang asli	Malaysian	Never married	Tertiary	Student	≥RM10,000	Q5	Q5
Comfort of hospital	Pulau Pinang	Urban	-	Chinese	Malaysian	Never married	Tertiary	Student	≥RM10,000	Q5	Q5
Availability of laboratory test	Pulau Pinang	Urban	-	Chinese	-	Never married	Tertiary	-	-	-	Q5
Availability of specialist	Pulau Pinang	Urban	-	Chinese	Malaysian	-	Tertiary	-	-	Q5	Q5
Allowed to choose doctor	Pulau Pinang	Urban	≥75	Chinese	Malaysian	Never married	Tertiary	Student	RM7,000-7,999	Q5	Q5
Waiting time to see doctor	Pulau Pinang	Urban	45-49	Chinese	Malaysian	Never married	Tertiary	Private employee	RM7,000-7,999	Q5	Q5
Amount of time doctor spends with patient	Pulau Pinang	Urban	25-29	Chinese	-	Never married	Tertiary	-	≥RM10,000	Q5	Q5
Ability to give correct diagnosis and treatment	Pulau Pinang	Urban	-	Chinese	-	Never married	Tertiary	-	-	Q4	Q5
Clarity of doctor's explanation	Pulau Pinang	Urban	-	Chinese	-	-	Tertiary	-	-	Q4	Q5
Courtesy & helpfulness of HCP	Pulau Pinang	Urban	-	Chinese	Malaysian	Never married	-	-	-	Q5	Q5
Outcome of services/ treatment	Pulau Pinang	-	-	Chinese	-	-	-	-	-	-	Q5
Treatment charges	Pulau Pinang	Rural	60-64	Orang asli	Malaysian	Widow/er/ divorcee	No formal education	Retiree	RM7,000-7,999	Q1	Q5
Overall impression towards hospital	Kedah	Rural	60-64	Bumiputera Sarawak	Malaysian	Widow/er/ divorcee	No formal education	-	<RM1,000	Q1	Q2

Note:"Significantly" was used to refer to non-overlapping confidence limits. No statistical test had been carried out to prove the presence of actual significance.

Legend: Government Private

2.5 IMPLICATION

Government healthcare facilities are the preferred choice for majority of the population (with the exception for minor health problem). Importantly, a higher proportion among those in rural areas, the lower socio-economic groups and the aged population (above 75 years old) preferred government healthcare facilities when they need healthcare. This bears implication for the planning and delivery of healthcare services to ensure both the availability and accessibility of healthcare for these groups.

Oral disease has been reported as the fourth most expensive disease to treat[1]. The findings of this survey showed that the population had perceived dental treatment at private sector clinics to be 11.5 times more expensive than in government. As for other health conditions, treatment in private healthcare facilities is perceived to cost 8 to 13 times more compared to government. The perception of high costs involving healthcare and getting treatment may serve as a deterrent for seeking both preventive and curative care. Thus, this finding on cost perception has implications in the planning of future financial arrangements for healthcare.

There were discrepancies throughout SES subgroups in the perception towards Malaysia's healthcare delivery systems. This may affect the population's health-seeking behaviour. Thus, further understanding on what and how the population thinks; how they view our healthcare system delivery will be crucial to provide guide and information on the areas that need attention or further improvement.

2.6 CONCLUSION

Not with standing the limitations of the study, the survey has yielded several important findings with respect to the perception of the population in regards to the preferred choice of healthcare provider and the perceived cost. These findings will provide necessary information for the planning of healthcare services towards the improvement of the health status of the population.

2.7 RECOMMENDATION

Taking into cognisance the findings of the study, the following recommendations are made:

1. Continuing emphasis on accessibility of healthcare for the rural population and lower socio-economic groups in the planning and delivery of oral healthcare services.
2. Consolidation on healthcare for the elderly especially, in view of the fact that the rising proportion of elderly population in Malaysia.
3. Inclusion of preventive oral health visits in future healthcare financing mechanisms in addition to other curative oral healthcare items in view of the perceived high cost for dental treatment.
4. Strategic communication might help population to understand more on how our healthcare systems performed. This will make perception or public opinion more accurate.

[1]World Health Organization. Oral health: action plan for promotion and integrated disease prevention. Proceedings from Sixtieth World Health Assembly. Provisional agenda item 12.9. A60/16. SS March 2007.

2.8 TABLES OF FINDINGS

Table 2.3: Choice of preferred provider for certain health conditions/situations

Choice of Provider	Count (unweighted)	Estimated population (weighted)	(%)	95% CI	
				LL	UL
Minor illness					
Government	11,838	10,376,391	51.4	49.8	53.1
Private	7,223	8,789,931	43.6	41.9	45.2
TCM	166	85,578	0.9	0.7	1.1
Not going to any facilities	681	825,981	4.1	3.7	4.5
Total*	19,908	20,177,881	100.0	-	-
Major illness					
Government	16,085	15,106,246	75.5	74.0	77.0
Private	3,514	4,705,406	23.5	22.1	25.0
TCM	36	47,289	0.2	0.2	0.4
Not going to any facilities	112	138,011	0.7	0.5	0.9
Total*	19,747	19,996,951	100.0	-	-
Minor surgery					
Government	15,004	13,711,192	68.4	66.7	70.0
Private	4,587	6,082,800	30.3	28.7	32.0
TCM	24	37,420	0.2	0.1	0.3
Not going to any facilities	180	225,427	1.1	0.9	1.4
Total*	19,795	20,056,839	100.0	-	-
Major surgery					
Government	16,512	15,610,645	78.2	76.7	79.6
Private	3,127	4,242,456	21.2	19.8	22.7
TCM	12	17,363	0.1	0.0	0.2
Not going to any facilities	76	97,134	0.5	0.3	0.7
Total*	19,727	19,967,599	100.0	-	-
Dental treatment					
Government	13,635	12,297,646	61.2	59.4	62.9
Private	5,949	7,485,178	37.3	35.6	39.0
TCM	19	24,610	0.1	0.1	0.2
Not going to any facilities	233	285,940	1.4	1.1	1.8
Total*	19,836	20,093,373	100.0	-	-
Giving birth / for delivery					
Government	16,457	15,508,867	78.1	76.5	79.6
Private	2,906	4,069,736	20.5	19.0	22.1
TCM	92	88,945	0.4	0.3	0.6
Not going to any facilities	200	182,202	0.9	0.7	1.3
Total*	19,655	19,849,749	100.0	-	-

Notes:

1. *Total of those who responded to the question, excluding missing values, don't know and refuse to answer
2. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
3. TCM= Traditional & Complementary Medicine

Table 2.4: Choice of preferred provider for Minor Health Problem, by SES

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Not going to any facilities		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,908**	**20,177,881**	**51.4**	**49.8**	**53.1**	**43.6**	**41.9**	**45.2**	**0.9**	**0.7**	**1.1**	**4.1**	**3.7**	**4.5**
State														
Johor	1,800	2,380,255	43.6	38.6	48.8	50.9	45.7	56.1	2.0	1.3	3.1	3.5	2.5	4.8
Kedah	1,269	1,318,485	62.0	56.5	67.3	34.1	29.2	39.5	1.2	0.6	2.3	2.7	1.5	4.8
Kelantan	1,175	1,002,319	73.4	69.2	77.2	23.6	20.1	27.6	0.4	0.1	1.1	2.6	1.6	4.1
Melaka	1,152	568,290	63.2	57.7	68.4	34.8	29.3	40.7	0.5	0.1	3.2	1.5	0.8	2.9
Negeri Sembilan	1,254	678,822	56.2	49.8	62.4	42.2	35.9	48.7	0.2	0.1	0.5	1.5	0.7	3.0
Pahang	1,222	996,467	61.9	54.7	68.6	36.4	29.8	43.7	0.1	0.0	1.0	1.5	1.0	2.5
Pulau Pinang	1,359	1,205,971	42.5	33.4	52.2	50.7	42.7	58.6	1.2	0.6	2.2	5.6	3.6	8.7
Perak	1,383	1,654,589	60.2	55.5	64.7	37.1	32.4	42.1	0.4	0.1	1.0	2.4	1.3	4.1
Perlis	1,295	160,516	65.1	60.1	69.7	30.3	25.9	35.2	0.7	0.3	1.6	3.9	2.6	5.8
Selangor	2,762	4,177,006	34.1	30.6	37.7	60.4	56.6	64.0	1.2	0.8	1.9	4.3	3.5	5.3
Terengganu	1,197	686,667	64.4	57.1	71.1	31.5	25.6	38.2	0.6	0.2	1.5	3.5	2.0	5.9
Sabah/Labuan	1,611	2,303,891	55.2	49.7	60.7	36.5	31.2	42.2	0.4	0.2	0.9	7.9	6.3	9.8
Sarawak	1,249	1,746,590	69.7	63.1	75.6	24.9	19.6	31.0	1.0	0.5	1.9	4.4	3.1	6.3
WP Kuala Lumpur	694	1,249,355	34.0	27.5	41.1	59.6	52.6	66.2	0.8	0.4	1.7	5.6	3.9	8.1
WP Putrajaya	486	48,657	72.4	64.7	79.0	25.0	19.0	32.2	0.9	0.3	3.2	1.6	0.8	3.4
Location														
Urban	11,492	15,380,504	45.4	43.4	47.4	49.3	47.3	51.3	1.0	0.8	1.3	4.3	3.8	4.8
Rural	8,416	4,797,376	70.7	67.7	73.4	25.3	22.7	28.1	0.6	0.4	0.9	3.5	2.9	4.3
Sex														
Male	9,464	10,412,198	49.8	47.8	51.8	44.8	42.8	46.8	1.0	0.8	1.3	4.4	3.8	5.0
Female	10,444	9,765,683	53.1	51.4	54.9	42.3	40.5	44.0	0.8	0.6	1.1	3.8	3.3	4.3
Age Group (Years)														
18-19	802	954,485	63.3	58.6	67.7	31.2	27.4	35.3	0.7	0.2	2.2	4.8	3.3	6.9
20-24	1,919	2,843,494	53.0	49.6	56.3	40.4	37.1	43.8	0.8	0.5	1.4	5.9	4.6	7.5
25-29	2,170	2,778,646	43.2	40.2	46.2	51.3	48.3	54.4	0.6	0.3	1.1	4.9	3.7	6.3
30-34	2,092	2,627,103	43.1	39.9	46.3	52.1	48.8	55.3	0.8	0.4	1.4	4.1	3.1	5.4
35-39	1,911	2,073,201	43.1	39.5	46.7	52.7	49.2	56.3	0.8	0.4	1.5	3.4	2.4	4.7
40-44	1,793	1,852,400	45.6	42.2	49.0	49.2	45.9	52.5	1.3	0.8	2.2	3.9	2.9	5.2
45-49	1,865	1,674,416	47.1	43.8	50.4	48.4	45.0	51.9	1.1	0.6	2.0	3.4	2.5	4.7

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Not going to any facilities		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,908**	**20,177,881**	**51.4**	**49.8**	**53.1**	**43.6**	**41.9**	**45.2**	**0.9**	**0.7**	**1.1**	**4.1**	**3.7**	**4.5**
50-54	1,893	1,506,097	53.5	50.0	56.9	41.7	38.3	45.3	1.2	0.7	2.1	3.6	2.6	5.0
55-59	1,680	1,263,812	62.1	58.7	65.3	34.4	31.2	37.7	0.7	0.4	1.6	2.8	1.9	4.0
60-64	1,341	937,085	69.0	65.2	72.5	25.6	22.3	29.2	1.6	0.9	2.9	3.8	2.7	5.2
65-69	1,011	691,973	67.4	62.8	71.8	26.7	22.8	31.1	1.8	0.9	3.8	4.0	2.6	6.3
70-74	683	403,871	73.4	67.8	78.3	24.7	19.9	30.2	0.0	0.0	0.1	1.9	1.0	3.6
75+	748	571,298	71.7	67.0	76.0	25.5	21.4	30.1	0.8	0.3	2.5	1.9	1.0	3.5
Ethnicity[1]														
Malay	12,363	9,948,584	57.8	55.9	59.7	38.2	36.4	40.1	0.8	0.6	1.1	3.2	2.7	3.7
Chinese	3,154	4,693,491	35.0	32.0	38.2	59.2	56.0	62.3	1.4	1.0	2.0	4.4	3.5	5.4
Indian	1,404	1,368,308	55.1	50.5	59.7	42.7	38.3	47.3	0.7	0.3	1.5	1.5	0.8	2.6
Bumiputera Sabah	870	940,924	70.1	63.8	75.8	23.1	17.9	29.4	0.3	0.1	1.2	6.4	4.6	8.8
Bumiputera Sarawak	565	872,421	78.5	71.2	84.3	16.2	11.0	23.1	0.7	0.2	2.5	4.6	2.8	7.7
Orang Asli	67	38,310	86.9	69.7	95.0	10.5	3.9	25.7	0.0	–	–	2.6	0.8	7.8
Others	1,479	2,313,737	36.7	31.9	41.7	54.6	49.5	59.6	1.0	0.5	1.8	7.8	6.2	9.7
Citizenship														
Malaysian	18,641	18,128,285	53.6	52.0	55.2	41.9	40.3	43.6	0.9	0.7	1.1	3.5	3.1	4.0
Non Malaysian	1,267	2,049,595	32.2	27.7	37.1	57.8	52.6	62.9	1.0	0.5	1.8	8.9	7.1	11.2
Marital status														
Never married	4,181	5,633,225	49.3	46.8	51.8	44.5	42.0	47.0	0.8	0.6	1.2	5.4	4.6	6.3
Married	13,789	13,141,069	50.8	49.0	52.6	44.5	42.7	46.3	1.0	0.8	1.3	3.7	3.2	4.2
Widow/Widower/Divorcee	1,938	1,403,586	65.6	62.3	68.8	31.1	28.0	34.4	0.6	0.3	1.3	2.7	1.9	3.7
Education level[1]														
No formal education	1,369	1,176,993	68.9	63.2	74.1	24.7	20.0	30.0	0.9	0.4	1.7	5.5	4.1	7.5
Primary	4,770	4,091,517	62.0	59.0	64.9	32.6	29.9	35.5	0.9	0.6	1.3	4.5	3.7	5.5
Secondary	9,135	9,333,641	54.8	52.8	56.7	40.4	38.5	42.4	0.8	0.6	1.1	4.0	3.5	4.7
Tertiary	4,397	5,279,436	33.8	31.6	36.1	61.4	59.0	63.8	1.1	0.8	1.6	3.6	2.8	4.5
Unclassified	215	277,239	43.1	35.0	51.5	51.4	42.8	59.9	1.7	0.5	6.1	3.8	1.6	8.6
Occupation[1]														
Government/Semi-government employee	2,193	1,923,872	53.4	50.2	56.6	43.3	40.2	46.6	0.5	0.2	1.0	2.8	1.9	4.1
Private employee	6,098	7,995,799	37.4	35.2	39.6	57.3	55.0	59.6	0.8	0.6	1.2	4.5	3.8	5.3
Self-employed	3,832	3,398,677	57.0	54.3	59.7	36.9	34.3	39.5	1.3	0.9	1.9	4.8	3.9	5.8
Unpaid worker/homemaker	3,325	2,881,689	62.2	59.6	64.8	33.5	31.1	36.0	0.6	0.4	1.0	3.6	2.7	4.8
Retiree	784	608,091	63.2	58.2	67.9	32.0	27.5	36.9	2.5	1.3	4.9	2.3	1.3	4.1
Unemployed	3,127	2,631,346	62.2	59.6	64.8	33.5	31.1	36.0	0.6	0.4	1.0	3.6	2.7	4.8
Student	547	736,028	63.2	58.2	67.9	32.0	27.5	36.9	2.5	1.3	4.9	2.3	1.3	4.1

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Not going to any facilities		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,908**	**20,177,881**	**51.4**	**49.8**	**53.1**	**43.6**	**41.9**	**45.2**	**0.9**	**0.7**	**1.1**	**4.1**	**3.7**	**4.5**
Household Income Group (RM)														
Less than RM1,000	3,231	2,733,101	69.8	66.7	72.7	24.5	21.8	27.4	0.9	0.5	1.6	4.8	3.8	6.2
RM1,000 – RM1,999	3,634	3,323,332	67.2	64.1	70.2	27.4	24.6	30.3	0.8	0.5	1.3	4.6	3.7	5.7
RM2,000 – RM2,999	3,365	3,261,987	58.5	55.3	61.6	36.8	33.9	39.9	1.1	0.7	1.7	3.5	2.8	4.5
RM3,000 – RM3,999	2,523	2,598,290	50.2	47.1	53.4	44.9	41.7	48.2	0.6	0.3	1.3	4.2	3.2	5.5
RM4,000 – RM4,999	1,785	1,980,346	48.1	44.4	51.9	48.3	44.8	51.9	0.5	0.3	1.2	3.0	2.0	4.4
RM5,000 – RM5,999	1,401	1,591,888	40.5	36.1	45.1	52.9	48.2	57.6	1.2	0.6	2.2	5.4	3.8	7.5
RM6,000 – RM6,999	951	1,049,855	37.7	33.1	42.6	59.5	54.4	64.3	0.8	0.4	1.9	2.0	1.1	3.4
RM7,000 – RM7,999	764	815,592	34.3	28.8	40.4	60.2	54.1	66.1	0.7	0.3	1.8	4.7	3.2	7.0
RM8,000 – RM8,999	588	682,845	30.9	25.4	37.0	65.2	58.8	71.2	0.9	0.3	2.3	3.0	1.4	6.1
RM9,000 – RM9,999	310	355,643	31.2	23.2	40.5	64.8	55.2	73.2	1.0	0.3	3.8	3.1	1.4	6.6
RM10,000 and above	1,356	1,785,001	23.8	20.3	27.8	70.0	65.6	74.2	1.5	0.9	2.6	4.6	3.2	6.6
Household Income Quintiles														
Q1 (20% poorest)	2,782	2,346,347	70.0	66.6	73.1	24.1	21.2	27.2	1.0	0.6	1.8	4.9	3.8	6.4
Q2	3,722	3,429,677	67.2	64.1	70.1	27.6	24.9	30.5	0.8	0.5	1.3	4.4	3.5	5.5
Q3	4,292	4,159,527	57.0	54.2	59.8	38.2	35.4	41.0	1.0	0.7	1.5	3.8	3.0	4.7
Q4	4,100	4,412,629	48.7	46.1	51.2	46.7	44.1	49.3	0.6	0.4	1.0	4.1	3.3	5.0
Q5 (20% richest)	5,012	5,829,701	32.8	30.4	35.3	62.3	59.6	64.8	1.1	0.8	1.6	3.8	3.1	4.7
Socioeconomic Quintiles (based on HCD 2011)														
Q1 (20% poorest)	4,258	4,196,021	66.9	63.3	70.2	28.2	25.0	31.7	0.7	0.4	1.2	4.2	3.4	5.2
Q2	4,389	3,955,646	64.6	61.7	67.3	30.5	27.9	33.1	1.0	0.7	1.5	4.0	3.2	5.1
Q3	4,070	3,982,770	52.2	49.4	55.0	43.3	40.6	45.9	0.9	0.6	1.4	3.7	2.9	4.6
Q4	3,931	4,044,867	45.0	42.5	47.6	50.2	47.6	52.9	0.9	0.6	1.3	3.8	3.1	4.7
Q5 (20% richest)	3,260	3,998,879	27.9	25.5	30.5	66.1	63.4	68.8	1.2	0.8	1.8	4.7	3.7	5.9

Notes:

1. [1]not including "missing/not applicable"
2. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. TCM= Traditional & Complementary Medicine; Q= Quintile

Table 2.5: Choice of preferred provider for major health problem, by SES

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,747**	**19,996,951**	**75.5**	**74.0**	**77.0**	**23.5**	**22.1**	**25.0**	**0.2**	**0.2**	**0.4**	**0.7**	**0.5**	**0.9**
State														
Johor	1,789	2,364,330	70.2	64.8	75.1	28.5	23.6	34.0	0.7	0.3	1.5	0.6	0.3	1.2
Kedah	1,256	1,310,019	92.0	89.4	94.0	7.8	5.9	10.4	0.0	–	–	0.2	0.0	0.8
Kelantan	1,173	1,000,476	92.3	89.0	94.7	7.4	5.0	10.6	0.0	–	–	0.3	0.1	0.9
Melaka	1,146	564,799	83.7	77.2	88.6	15.9	10.9	22.4	0.1	0.0	0.9	0.3	0.1	1.0
Negeri Sembilan	1,245	670,364	77.4	69.0	84.1	22.3	15.7	30.7	0.0	–	–	0.3	0.1	1.0
Pahang	1,218	991,518	83.8	78.1	88.2	16.0	11.6	21.7	0.0	0.0	0.3	0.2	0.1	0.5
Pulau Pinang	1,331	1,181,797	59.4	50.8	67.5	39.6	31.8	47.9	0.1	0.0	0.6	0.9	0.3	2.8
Perak	1,380	1,650,860	77.5	71.9	82.2	22.2	17.5	27.8	0.1	0.0	0.3	0.2	0.0	1.1
Perlis	1,281	158,310	91.5	88.5	93.8	7.7	5.6	10.7	0.0	–	–	0.7	0.3	2.0
Selangor	2,718	4,116,083	63.4	59.5	67.1	35.6	31.9	39.4	0.3	0.1	0.7	0.8	0.4	1.4
Terengganu	1,195	686,167	86.7	81.9	90.4	12.6	9.0	17.4	0.2	0.1	0.7	0.5	0.2	1.0
Sabah/Labuan	1,600	2,281,892	82.4	78.3	85.9	15.6	12.6	19.2	0.2	0.1	0.6	1.8	0.9	3.3
Sarawak	1,238	1,724,655	84.2	79.1	88.2	14.9	11.0	19.8	0.2	0.1	0.8	0.7	0.3	1.5
WP Kuala Lumpur	692	1,247,127	63.5	56.3	70.1	35.4	28.8	42.5	0.4	0.1	2.0	0.7	0.3	1.7
WP Putrajaya	485	48,555	85.3	80.1	89.2	14.3	10.4	19.4	0.0	–	–	0.4	0.1	1.6
Location														
Urban	11,389	15,240,133	71.5	69.6	73.4	27.6	25.8	29.5	0.3	0.2	0.4	0.6	0.5	0.8
Rural	8,358	4,756,818	88.4	86.3	90.2	10.6	9.0	12.4	0.1	0.1	0.3	0.9	0.5	1.6
Sex														
Male	9,384	10,315,515	74.0	72.1	75.8	24.8	23.0	26.6	0.3	0.2	0.5	0.9	0.7	1.3
Female	10,363	9,681,436	77.2	75.6	78.7	22.2	20.7	23.8	0.2	0.1	0.3	0.4	0.3	0.7
Age Group (Years)														
18-19	796	951,979	83.0	79.5	86.0	15.9	13.0	19.4	0.5	0.1	2.2	0.5	0.2	1.8
20-24	1,893	2,812,574	76.1	72.7	79.3	22.6	19.6	26.0	0.3	0.1	0.8	1.0	0.4	2.2
25-29	2,145	2,743,428	72.4	69.6	75.1	26.6	23.9	29.5	0.3	0.1	0.9	0.6	0.3	1.4
30-34	2,069	2,591,631	71.7	68.4	74.8	27.3	24.2	30.6	0.3	0.1	0.8	0.7	0.4	1.4
35-39	1,900	2,057,902	70.0	66.8	72.9	29.1	26.1	32.2	0.1	0.0	0.4	0.9	0.5	1.6
40-44	1,779	1,832,441	71.7	68.4	74.7	27.5	24.6	30.7	0.0	0.0	0.2	0.8	0.3	1.7
45-49	1,848	1,662,940	73.9	70.8	76.8	25.4	22.5	28.4	0.3	0.1	0.8	0.5	0.2	1.1

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,747**	**19,996,951**	**75.5**	**74.0**	**77.0**	**23.5**	**22.1**	**25.0**	**0.2**	**0.2**	**0.4**	**0.7**	**0.5**	**0.9**
50-54	1,883	1,499,688	77.0	73.9	79.9	22.4	19.6	25.5	0.1	0.0	0.5	0.4	0.2	0.9
55-59	1,671	1,254,758	80.8	78.0	83.3	18.7	16.2	21.5	0.2	0.1	0.9	0.3	0.1	0.8
60-64	1,333	930,776	84.6	81.5	87.3	14.1	11.6	17.1	0.3	0.1	1.2	1.0	0.4	2.3
65-69	1,004	686,468	83.4	79.7	86.6	15.4	12.3	19.1	0.4	0.1	1.2	0.8	0.4	1.8
70-74	681	402,429	82.9	77.6	87.2	16.6	12.4	22.0	0.0	–	–	0.4	0.1	1.7
75+	745	569,936	84.9	80.8	88.3	14.1	10.8	18.1	0.3	0.0	2.3	0.7	0.2	2.0
Ethnicity [1]														
Malay	12,317	9,919,135	83.6	82.2	84.9	16.1	14.8	17.4	0.1	0.0	0.2	0.3	0.2	0.4
Chinese	3,122	4,655,985	57.1	53.8	60.3	41.9	38.6	45.2	0.4	0.2	0.9	0.6	0.4	1.1
Indian	1,398	1,363,740	73.9	69.0	78.2	25.7	21.4	30.5	0.0	–	–	0.5	0.2	1.3
Bumiputera Sabah	865	934,545	92.3	89.2	94.6	7.0	4.9	10.1	0.4	0.1	1.4	0.2	0.0	1.0
Bumiputera Sarawak	564	869,731	91.9	86.2	95.4	7.9	4.5	13.6	0.0	–	–	0.2	0.0	0.7
Orang Asli	65	37,144	96.2	81.3	99.3	3.8	0.7	18.7	0.0	–	–	0.0	–	–
Others	1,410	2,214,566	65.5	59.9	70.7	30.5	25.8	35.8	0.7	0.3	1.6	3.3	2.1	5.0
Citizenship														
Malaysian	18,553	18,050,433	77.1	75.6	78.5	22.4	20.9	23.9	0.2	0.1	0.3	0.4	0.3	0.5
Non Malaysian	1,194	1,946,519	61.1	55.6	66.4	34.4	29.3	39.8	0.8	0.4	1.8	3.7	2.4	5.6
Marital status														
Never married	4,136	5,575,723	73.4	70.8	75.8	25.5	23.2	28.1	0.2	0.1	0.5	0.9	0.6	1.4
Married	13,688	13,028,889	75.4	73.8	76.9	23.8	22.3	25.3	0.3	0.2	0.4	0.6	0.4	0.9
Widow/Widower/Divorcee	1,923	1,392,339	85.9	83.2	88.2	13.4	11.1	16.1	0.1	0.0	0.4	0.6	0.3	1.3
Education level [1]														
No formal education	1,343	1,153,324	82.9	78.7	86.4	14.3	11.2	18.1	0.2	0.1	1.0	2.5	1.4	4.5
Primary	4,729	4,047,397	82.8	80.6	84.8	15.8	14.0	17.9	0.3	0.1	0.6	1.1	0.7	1.7
Secondary	9,087	9,266,311	79.6	77.9	81.2	19.8	18.2	21.5	0.1	0.0	0.2	0.5	0.3	0.8
Tertiary	4,365	5,243,889	61.3	58.8	63.8	38.0	35.5	40.5	0.5	0.3	0.8	0.2	0.1	0.7
Unclassified	202	267,114	74.7	65.5	82.1	24.5	17.1	33.8	0.0	–	–	0.8	0.1	4.7
Occupation [1]														
Government/Semi-government employee	2,187	1,918,731	80.2	77.5	82.6	19.6	17.2	22.3	0.2	0.0	0.6	0.1	0.0	0.2
Private employee	6,016	7,891,161	66.5	64.2	68.8	32.3	30.1	34.7	0.2	0.1	0.5	0.9	0.6	1.4
Self-employed	3,802	3,368,557	79.4	77.1	81.6	19.4	17.3	21.7	0.3	0.1	0.6	0.8	0.5	1.4
Unpaid worker/homemaker	3,303	2,860,717	83.6	81.5	85.4	16.0	14.2	18.0	0.1	0.0	0.3	0.3	0.1	0.8
Retiree	781	608,721	79.8	74.9	83.9	19.0	15.0	23.8	0.7	0.2	2.8	0.5	0.1	2.5
Unemployed	3,114	2,616,915	85.6	83.4	87.6	13.4	11.5	15.5	0.1	0.0	0.4	0.8	0.5	1.4
Student	542	729,771	71.5	65.5	76.9	27.4	22.2	33.4	0.9	0.3	2.9	0.1	0.0	0.5

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,747**	**19,996,951**	**75.5**	**74.0**	**77.0**	**23.5**	**22.1**	**25.0**	**0.2**	**0.2**	**0.4**	**0.7**	**0.5**	**0.9**
Household Income Group (RM)														
Less than RM1,000	3,208	2,712,591	85.1	82.6	87.3	13.2	11.1	15.6	0.5	0.2	1.1	1.2	0.7	2.0
RM1,000 – RM1,999	3,618	3,293,418	88.0	86.0	89.7	11.3	9.6	13.2	0.1	0.0	0.2	0.7	0.4	1.1
RM2,000 – RM2,999	3,339	3,241,959	82.2	79.7	84.4	16.8	14.6	19.1	0.2	0.1	0.7	0.8	0.4	1.5
RM3,000 – RM3,999	2,497	2,564,344	77.5	74.5	80.3	21.4	18.7	24.3	0.3	0.1	0.8	0.8	0.4	1.5
RM4,000 – RM4,999	1,776	1,972,636	75.3	72.0	78.3	24.4	21.4	27.5	0.1	0.0	0.4	0.2	0.0	1.5
RM5,000 – RM5,999	1,385	1,574,343	70.7	66.1	74.9	28.4	24.1	33.1	0.3	0.1	1.3	0.6	0.3	1.6
RM6,000 – RM6,999	941	1,037,875	66.6	60.9	71.8	33.3	28.1	39.0	0.1	0.0	0.4	0.0	0.0	0.1
RM7,000 – RM7,999	759	813,707	62.0	56.0	67.7	37.4	31.7	43.4	0.0	–	–	0.6	0.2	1.7
RM8,000 – RM8,999	584	674,891	65.3	59.4	70.7	34.2	28.7	40.0	0.3	0.0	1.8	0.3	0.1	1.2
RM9,000 – RM9,999	308	350,774	55.0	46.6	63.1	44.5	36.4	52.8	0.0	–	–	0.5	0.1	2.7
RM10,000 and above	1,332	1,760,414	46.5	41.2	51.9	52.2	46.8	57.6	0.3	0.1	1.3	0.9	0.4	1.9
Household Income Quintiles														
Q1 (20% poorest)	2,759	2,325,837	84.5	81.7	86.9	13.7	11.5	16.3	0.6	0.3	1.3	1.2	0.7	2.2
Q2	3,707	3,401,209	88.2	86.3	90.0	11.2	9.5	13.1	0.0	0.0	0.2	0.5	0.3	1.0
Q3	4,254	4,122,124	80.6	78.3	82.8	18.1	16.1	20.3	0.4	0.2	0.8	0.9	0.5	1.5
Q4	4,075	4,383,300	76.2	73.8	78.4	23.1	21.0	25.5	0.1	0.0	0.3	0.6	0.3	1.1
Q5 (20% richest)	4,952	5,764,481	60.3	57.4	63.2	38.9	36.1	41.8	0.2	0.1	0.6	0.5	0.3	0.8
Socioeconomic Quintiles (based on HCD 2011)														
Q1 (20% poorest)	4,217	4,149,212	86.0	83.1	88.5	12.8	10.4	15.7	0.2	0.1	0.5	0.9	0.5	1.6
Q2	4,345	3,913,385	86.7	84.7	88.5	12.2	10.6	14.1	0.4	0.2	0.8	0.7	0.4	1.2
Q3	4,046	3,950,915	78.6	76.1	81.0	20.8	18.5	23.3	0.1	0.0	0.6	0.5	0.2	0.9
Q4	3,907	4,022,748	72.4	70.0	74.7	26.7	24.4	29.1	0.3	0.1	0.6	0.6	0.3	1.0
Q5 (20% richest)	3,232	3,960,988	53.6	50.4	56.9	45.4	42.1	48.7	0.2	0.0	0.6	0.8	0.5	1.4

Notes:
1. [1]not including "missing/not applicable"
2. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. TCM= Traditional & Complementary Medicine; Q= Quintile

Table 2.6: Choice of preferred provider for minor surgery , by SES

Sociodemographic characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,795**	**20,056,839**	**68.4**	**66.7**	**70.0**	**30.3**	**28.7**	**32.0**	**0.2**	**0.1**	**0.3**	**1.1**	**0.9**	**1.4**
State														
Johor	1,793	2,369,317	61.7	56.0	67.0	36.8	31.5	42.5	0.6	0.3	1.3	0.9	0.4	1.7
Kedah	1,257	1,310,846	84.6	81.7	87.1	14.6	12.3	17.2	0.1	0.0	0.5	0.8	0.3	2.2
Kelantan	1,173	1,000,476	88.4	84.3	91.6	11.0	7.9	15.0	0.2	0.0	1.1	0.5	0.2	1.0
Melaka	1,148	565,590	82.2	75.7	87.3	17.1	12.0	23.7	0.0	–	–	0.7	0.2	2.0
Negeri Sembilan	1,250	676,814	71.0	62.7	78.1	28.5	21.4	36.7	0.0	–	–	0.5	0.2	1.4
Pahang	1,220	995,064	76.6	70.2	82.0	23.1	17.7	29.5	0.0	–	–	0.3	0.1	1.0
Pulau Pinang	1,349	1,198,848	52.8	43.3	62.2	45.3	36.4	54.5	0.1	0.0	0.7	1.8	0.7	4.4
Perak	1,380	1,650,987	70.2	64.2	75.6	29.5	24.2	35.5	0.0	–	–	0.2	0.1	1.0
Perlis	1,280	158,973	89.9	87.2	92.0	9.7	7.7	12.2	0.0	–	–	0.4	0.2	1.0
Selangor	2,726	4,130,257	53.3	49.2	57.4	45.7	41.7	49.8	0.1	0.0	0.4	0.9	0.5	1.5
Terengganu	1,196	686,367	80.6	74.9	85.2	18.7	14.1	24.4	0.1	0.0	0.6	0.7	0.4	1.3
Sabah/Labuan	1,602	2,284,448	78.1	73.0	82.5	19.1	15.3	23.6	0.3	0.1	1.1	2.5	1.6	3.9
Sarawak	1,242	1,732,556	80.5	75.4	84.7	16.4	12.5	21.3	0.3	0.1	1.0	2.8	1.7	4.6
WP Kuala Lumpur	693	1,247,638	51.3	43.2	59.3	48.1	40.0	56.2	0.1	0.0	0.8	0.6	0.2	1.5
WP Putrajaya	486	48,657	81.6	76.0	86.1	17.3	13.0	22.7	0.4	0.1	2.6	0.7	0.2	2.1
Location														
Urban	11,426	15,296,213	63.2	61.2	65.2	35.6	33.6	37.6	0.2	0.1	0.3	1.0	0.8	1.3
Rural	8,369	4,760,625	84.9	82.3	87.1	13.5	11.5	15.7	0.2	0.1	0.5	1.5	1.0	2.2
Sex														
Male	9,416	10,356,434	66.6	64.6	68.6	31.8	29.8	33.8	0.3	0.2	0.5	1.3	1.0	1.7
Female	10,379	9,700,404	70.2	68.5	71.9	28.8	27.1	30.5	0.1	0.0	0.2	0.9	0.7	1.3
Age Group (Years)														
18-19	797	952,035	76.4	72.5	79.9	21.9	18.6	25.7	0.3	0.0	2.4	1.4	0.7	2.8
20-24	1,905	2,822,440	69.6	66.2	72.9	28.4	25.2	31.7	0.2	0.1	0.7	1.8	1.0	3.0
25-29	2,155	2,756,008	63.4	60.1	66.5	35.2	32.1	38.5	0.1	0.0	0.7	1.4	0.8	2.3
30-34	2,080	2,609,646	63.2	59.7	66.5	35.5	32.3	38.9	0.3	0.1	0.8	1.0	0.6	1.7
35-39	1,904	2,065,349	60.8	57.3	64.2	38.1	34.7	41.6	0.2	0.1	0.8	0.9	0.5	1.6
40-44	1,780	1,836,584	64.6	61.2	67.8	34.5	31.3	37.8	0.1	0.0	0.6	0.8	0.4	1.7
45-49	1,856	1,669,200	66.0	62.8	69.0	33.0	30.0	36.2	0.1	0.0	0.6	0.8	0.5	1.5

Sociodemographic characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,795**	**20,056,839**	**68.4**	**66.7**	**70.0**	**30.3**	**28.7**	**32.0**	**0.2**	**0.1**	**0.3**	**1.1**	**0.9**	**1.4**
50-54	1,883	1,500,788	68.7	65.4	71.8	29.8	26.7	33.0	0.2	0.0	0.7	1.4	0.8	2.4
55-59	1,672	1,255,751	76.3	73.2	79.1	22.6	19.9	25.6	0.1	0.0	0.8	0.9	0.4	2.0
60-64	1,333	930,099	81.8	78.6	84.7	17.5	14.7	20.7	0.1	0.0	0.7	0.5	0.2	1.2
65-69	1,005	686,932	77.9	73.8	81.6	20.5	16.9	24.7	0.2	0.0	1.2	1.3	0.7	2.6
70-74	680	401,419	81.3	75.7	85.8	18.3	13.8	23.8	0.0	–	–	0.5	0.1	1.5
75+	745	570,588	81.9	77.5	85.6	17.1	13.5	21.4	0.5	0.1	2.1	0.5	0.2	1.3
Ethnicity[1]														
Malay	12,323	9,925,631	76.7	75.1	78.3	22.7	21.2	24.3	0.1	0.0	0.1	0.5	0.4	0.7
Chinese	3,132	4,670,124	47.3	44.0	50.6	51.2	47.8	54.6	0.3	0.1	0.7	1.2	0.8	1.8
Indian	1,403	1,367,928	68.1	63.5	72.4	31.2	26.9	35.8	0.2	0.0	1.2	0.5	0.2	1.4
Bumiputera Sabah	867	936,625	90.1	86.5	92.8	8.5	6.1	11.7	0.2	0.0	1.4	1.2	0.6	2.5
Bumiputera Sarawak	564	869,731	87.3	81.3	91.6	10.6	6.6	16.7	0.1	0.0	0.8	2.0	0.9	4.5
Orang Asli	65	37,144	96.2	81.3	99.3	3.8	0.7	18.7	0.0	–	–	0.0	–	–
Others	1,435	2,247,551	58.5	52.5	64.3	37.3	31.9	43.1	0.6	0.2	1.4	3.6	2.4	5.3
Citizenship														
Malaysian	18,574	18,073,485	69.9	68.3	71.5	29.1	27.6	30.7	0.1	0.1	0.2	0.8	0.6	1.0
Non Malaysian	1,221	1,983,354	54.1	48.2	59.8	41.2	35.7	47.0	0.7	0.3	1.6	4.0	2.7	6.0
Marital status														
Never married	4,153	5,596,263	66.1	63.4	68.7	32.3	29.8	34.9	0.2	0.1	0.5	1.5	1.1	2.0
Married	13,715	13,065,648	68.0	66.2	69.7	30.8	29.1	32.5	0.2	0.1	0.4	1.0	0.8	1.3
Widow/Widower/Divorcee	1,927	1,394,928	80.9	77.9	83.5	18.3	15.7	21.2	0.0	–	–	0.9	0.5	1.6
Education level[1]														
No formal education	1,357	1,164,453	79.8	74.5	84.2	17.1	13.1	22.0	0.7	0.3	1.5	2.4	1.4	4.2
Primary	4,742	4,068,837	77.0	74.4	79.5	20.9	18.5	23.4	0.2	0.1	0.6	1.9	1.3	2.6
Secondary	9,096	9,281,144	72.0	70.0	73.9	27.1	25.2	29.0	0.1	0.0	0.2	0.8	0.6	1.2
Tertiary	4,377	5,256,424	52.6	50.1	55.2	46.4	43.9	49.0	0.2	0.1	0.5	0.7	0.4	1.3
Unclassified	202	267,064	69.8	60.0	78.0	29.3	21.2	38.9	0.0	–	–	0.9	0.2	3.6
Occupation[1]														
Government/Semi-government employee	2,187	1,919,536	74.7	71.8	77.3	24.7	22.0	27.6	0.2	0.1	0.8	0.4	0.2	0.9
Private employee	6,045	7,933,120	56.7	54.1	59.2	41.7	39.2	44.3	0.2	0.1	0.5	1.4	1.0	1.9
Self-employed	3,811	3,377,826	73.0	70.5	75.4	25.3	23.1	27.8	0.3	0.2	0.7	1.3	0.9	2.0
Unpaid worker/homemaker	3,309	2,867,326	78.1	75.8	80.2	21.0	18.9	23.2	0.1	0.0	0.4	0.9	0.5	1.6
Retiree	782	607,284	75.7	70.7	80.0	24.1	19.7	29.1	0.0	–	–	0.2	0.1	0.9
Unemployed	3,116	2,617,948	82.6	80.3	84.7	16.1	14.1	18.3	0.1	0.0	0.3	1.2	0.8	2.0
Student	543	731,419	61.8	55.8	67.5	37.5	31.7	43.6	0.0	–	–	0.7	0.2	2.6

Sociodemographic characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,795**	**20,056,839**	**68.4**	**66.7**	**70.0**	**30.3**	**28.7**	**32.0**	**0.2**	**0.1**	**0.3**	**1.1**	**0.9**	**1.4**
Household Income Group (RM)														
Less than RM1,000	3,214	2,720,868	81.6	78.8	84.1	16.5	14.1	19.2	0.2	0.0	0.7	1.7	1.1	2.8
RM1,000 – RM1,999	3,624	3,306,354	83.4	81.0	85.6	15.0	13.0	17.3	0.3	0.1	0.8	1.3	0.9	2.0
RM2,000 – RM2,999	3,343	3,242,373	76.2	73.3	78.9	22.1	19.6	24.8	0.3	0.1	0.7	1.4	0.9	2.2
RM3,000 – RM3,999	2,502	2,573,376	70.4	67.1	73.4	28.5	25.6	31.7	0.2	0.0	0.7	1.0	0.5	1.7
RM4,000 – RM4,999	1,778	1,974,971	65.8	62.3	69.2	33.8	30.4	37.3	0.1	0.0	0.8	0.3	0.1	1.4
RM5,000 – RM5,999	1,389	1,577,979	60.8	56.0	65.5	37.2	32.5	42.2	0.4	0.1	1.2	1.6	0.9	2.7
RM6,000 – RM6,999	942	1,038,359	56.5	50.8	62.0	43.3	37.8	49.0	0.1	0.0	0.4	0.1	0.0	0.9
RM7,000 – RM7,999	761	814,343	53.5	47.3	59.5	45.7	39.7	51.9	0.0	–	–	0.8	0.4	1.9
RM8,000 – RM8,999	585	677,991	50.9	43.9	57.9	48.5	41.5	55.5	0.2	0.0	1.8	0.4	0.1	1.5
RM9,000 – RM9,999	308	350,774	48.4	40.0	56.9	50.6	42.2	59.0	0.0	–	–	1.0	0.3	3.3
RM10,000 and above	1,349	1,779,451	36.7	31.9	41.8	62.1	56.9	67.1	0.1	0.0	0.6	1.1	0.6	2.0
Household Income Quintiles														
Q1 (20% poorest)	2,759	2,325,837	81.2	78.2	83.9	16.8	14.3	19.7	0.2	0.0	0.8	1.8	1.1	3.0
Q2	3,707	3,401,209	83.8	81.4	86.0	14.8	12.8	17.1	0.2	0.1	0.7	1.2	0.8	1.8
Q3	4,254	4,122,124	74.3	71.6	76.8	23.9	21.5	26.4	0.3	0.1	0.8	1.5	1.0	2.2
Q4	4,075	4,383,300	67.6	65.0	70.1	31.6	29.2	34.2	0.1	0.0	0.3	0.7	0.4	1.2
Q5 (20% richest)	4,952	5,764,481	50.5	47.5	53.4	48.5	45.6	51.5	0.1	0.1	0.4	0.9	0.6	1.3
Socioeconomic Quintiles (based on HCD 2011)														
Q1 (20% poorest)	4,232	4,163,389	81.2	77.8	84.2	17.1	14.2	20.4	0.2	0.1	0.7	1.5	1.0	2.3
Q2	4,359	3,933,178	81.2	78.8	83.3	17.5	15.5	19.8	0.3	0.1	0.7	1.0	0.7	1.6
Q3	4,048	3,954,629	71.5	68.8	74.0	27.4	25.0	30.0	0.2	0.1	0.5	0.9	0.5	1.4
Q4	3,918	4,035,715	63.7	61.2	66.3	34.8	32.3	37.4	0.2	0.0	0.5	1.3	0.9	1.9
Q5 (20% richest)	3,238	3,970,230	43.8	40.7	46.8	55.3	52.1	58.4	0.1	0.0	0.3	0.9	0.5	1.6

Notes:

1. [1]not including "missing/not applicable"
2. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. TCM= Traditional & Complementary Medicine; Q= Quintile

Table 2.7: Choice of preferred provider for major surgery problem, by SES

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,727**	**19,967,599**	**78.2**	**76.7**	**79.6**	**21.2**	**19.8**	**22.7**	**0.1**	**0.0**	**0.2**	**0.5**	**0.3**	**0.7**
State														
Johor	1,779	2,348,501	73.1	67.6	78.0	26.2	21.4	31.7	0.3	0.1	1.0	0.4	0.2	0.9
Kedah	1,256	1,307,615	92.5	90.1	94.4	7.5	5.6	9.9	0.0	–	–	0.0	–	–
Kelantan	1,173	1,000,476	93.9	91.3	95.8	5.7	3.9	8.3	0.0	–	–	0.3	0.1	0.9
Melaka	1,149	566,040	85.3	78.7	90.2	14.5	9.7	21.2	0.0	–	–	0.1	0.0	0.8
Negeri Sembilan	1,250	674,276	79.4	71.4	85.6	20.4	14.2	28.4	0.0	–	–	0.2	0.1	1.0
Pahang	1,215	992,655	86.9	81.2	91.1	13.1	8.9	18.8	0.0	–	–	0.0	–	–
Pulau Pinang	1,328	1,179,423	62.0	53.0	70.2	37.2	29.2	45.9	0.0	–	–	0.9	0.3	2.9
Perak	1,380	1,650,860	79.0	73.7	83.5	20.8	16.3	26.0	0.0	–	–	0.2	0.0	1.1
Perlis	1,275	157,788	94.2	91.5	96.1	5.7	3.9	8.2	0.1	0.0	0.6	0.1	0.0	0.5
Selangor	2,712	4,105,042	66.4	62.4	70.2	33.0	29.3	37.0	0.2	0.1	0.5	0.4	0.2	0.9
Terengganu	1,192	684,926	90.5	85.5	94.0	9.0	5.8	13.9	0.0	–	–	0.4	0.2	1.0
Sabah/Labuan	1,598	2,277,280	86.8	83.1	89.7	11.7	9.2	14.9	0.1	0.0	0.5	1.4	0.7	2.9
Sarawak	1,242	1,728,105	86.3	81.4	90.1	13.0	9.3	17.7	0.1	0.0	0.7	0.6	0.3	1.4
WP Kuala Lumpur	692	1,245,955	66.0	59.0	72.3	33.6	27.3	40.7	0.0	–	–	0.4	0.1	1.5
WP Putrajaya	486	48,657	87.2	82.7	90.7	12.1	8.7	16.7	0.2	0.0	1.5	0.4	0.1	1.6
Location														
Urban	11,378	15,226,405	74.3	72.4	76.1	25.2	23.4	27.0	0.1	0.0	0.2	0.4	0.3	0.6
Rural	8,349	4,741,194	90.6	88.8	92.1	8.6	7.3	10.2	0.1	0.0	0.2	0.7	0.4	1.4
Sex														
Male	9,373	10,301,580	76.8	75.0	78.6	22.4	20.7	24.2	0.1	0.0	0.3	0.6	0.4	1.0
Female	10,354	9,666,019	79.6	78.0	81.2	20.0	18.5	21.6	0.1	0.0	0.2	0.3	0.2	0.5
Age Group (Years)														
18-19	794	949,108	83.6	80.1	86.6	15.5	12.7	18.8	0.3	0.0	2.4	0.5	0.2	1.9
20-24	1,885	2,803,315	78.3	75.1	81.3	20.8	17.9	24.0	0.0	0.0	0.2	0.8	0.3	2.1
25-29	2,138	2,727,649	76.4	73.6	79.0	23.1	20.5	25.9	0.0	0.0	0.0	0.5	0.2	1.2
30-34	2,067	2,589,573	75.6	72.3	78.6	23.6	20.7	26.7	0.3	0.1	0.8	0.6	0.3	1.2
35-39	1,898	2,055,623	73.5	70.3	76.4	26.0	23.1	29.1	0.1	0.0	0.4	0.5	0.2	1.3
40-44	1,780	1,837,762	73.4	70.1	76.4	26.0	23.0	29.2	0.1	0.0	0.6	0.5	0.2	1.3
45-49	1,850	1,662,856	75.9	72.9	78.7	23.8	21.0	26.8	0.2	0.0	0.6	0.2	0.0	0.6

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,727**	**19,967,599**	**78.2**	**76.7**	**79.6**	**21.2**	**19.8**	**22.7**	**0.1**	**0.0**	**0.2**	**0.5**	**0.3**	**0.7**
50-54	1,884	1,499,850	79.0	76.0	81.8	20.4	17.7	23.4	0.0	–	–	0.6	0.3	1.2
55-59	1,669	1,254,464	83.3	80.5	85.7	16.5	14.1	19.3	0.0	–	–	0.2	0.1	0.7
60-64	1,334	931,046	87.9	85.1	90.2	11.9	9.6	14.6	0.0	–	–	0.3	0.1	1.0
65-69	1,006	687,907	84.8	81.0	88.1	14.7	11.5	18.6	0.0	–	–	0.5	0.1	1.5
70-74	678	400,195	84.6	79.0	88.9	15.2	10.9	20.9	0.0	–	–	0.2	0.0	1.3
75+	744	568,253	86.0	81.7	89.4	13.7	10.3	18.0	0.0	–	–	0.3	0.1	1.1
Ethnicity[1]														
Malay	12,303	9,901,634	86.0	84.7	87.2	13.8	12.7	15.1	0.0	0.0	0.1	0.2	0.1	0.3
Chinese	3,126	4,656,802	59.9	56.6	63.1	39.6	36.4	42.9	0.1	0.0	0.4	0.4	0.2	0.8
Indian	1,396	1,363,043	76.5	71.7	80.8	23.1	18.9	27.9	0.0	–	–	0.3	0.1	1.2
Bumiputera Sabah	868	938,116	94.9	92.3	96.6	5.1	3.4	7.7	0.0	–	–	0.0	–	–
Bumiputera Sarawak	564	869,731	92.8	87.2	96.1	7.0	3.7	12.6	0.0	–	–	0.2	0.1	0.7
Orang Asli	65	37,144	96.2	81.3	99.3	3.8	0.7	18.7	0.0	–	–	0.0	–	–
Others	1,399	2,199,023	69.5	63.8	74.8	27.4	22.5	33.0	0.5	0.2	1.2	2.6	1.6	4.2
Citizenship														
Malaysian	18,543	18,035,149	79.5	78.0	80.9	20.2	18.9	21.7	0.0	0.0	0.1	0.2	0.1	0.3
Non Malaysian	1,184	1,932,450	65.8	59.9	71.2	30.6	25.3	36.4	0.6	0.2	1.4	3.1	1.9	5.0
Marital status														
Never married	4,123	5,557,042	76.0	73.5	78.3	23.3	21.0	25.7	0.1	0.0	0.4	0.6	0.3	1.1
Married	13,683	13,021,413	78.1	76.6	79.6	21.4	19.9	22.9	0.1	0.0	0.2	0.4	0.3	0.7
Widow/Widower/Divorcee	1,921	1,389,144	87.5	84.8	89.8	12.0	9.8	14.7	0.0	–	–	0.5	0.2	1.2
Education level[1]														
No formal education	1,344	1,151,208	86.0	81.8	89.4	11.9	8.9	15.8	0.2	0.1	1.0	1.9	1.0	3.5
Primary	4,718	4,037,171	85.3	83.1	87.2	13.7	11.9	15.7	0.1	0.0	0.5	0.9	0.6	1.5
Secondary	9,075	9,251,782	81.6	79.9	83.2	18.2	16.6	19.9	0.0	0.0	0.1	0.2	0.1	0.4
Tertiary	4,371	5,246,002	65.3	62.6	67.8	34.3	31.8	36.9	0.1	0.0	0.4	0.3	0.1	0.7
Unclassified	198	262,519	74.3	64.7	82.1	24.9	17.1	34.6	0.0	–	–	0.8	0.1	4.8
Occupation[1]														
Government /Semi-government employee	2,187	1,914,348	83.4	80.9	85.7	16.5	14.3	19.1	0.0	–	–	0.0	0.0	0.0
Private employee	5,998	7,870,386	70.2	67.8	72.5	29.0	26.8	31.3	0.1	0.1	0.4	0.6	0.4	1.1
Self-employed	3,802	3,371,536	81.7	79.4	83.8	17.5	15.4	19.7	0.1	0.0	0.4	0.7	0.4	1.2
Unpaid worker/homemaker	3,300	2,854,922	85.1	83.1	87.0	14.5	12.7	16.6	0.1	0.0	0.4	0.3	0.1	0.8
Retiree	784	609,189	82.0	77.2	86.0	18.0	14.0	22.8	0.0	–	–	0.0	0.0	0.1
Unemployed	3,114	2,616,405	87.5	85.4	89.4	11.9	10.1	14.0	0.0	0.0	0.0	0.6	0.3	1.1
Student	540	728,434	70.0	64.3	75.1	30.0	24.8	35.7	0.0	–	–	0.0	0.0	0.3

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,727**	**19,967,599**	**78.2**	**76.7**	**79.6**	**21.2**	**19.8**	**22.7**	**0.1**	**0.0**	**0.2**	**0.5**	**0.3**	**0.7**
Household Income Group (RM)														
Less than RM1,000	3,208	2,712,445	87.3	85.0	89.3	12.0	10.1	14.1	0.0	–	–	0.8	0.4	1.5
RM1,000 – RM1,999	3,608	3,284,864	90.3	88.5	91.9	9.2	7.7	11.0	0.0	–	–	0.5	0.3	0.9
RM2,000 – RM2,999	3,339	3,233,062	84.7	82.2	86.8	14.5	12.5	16.7	0.2	0.0	0.6	0.7	0.4	1.4
RM3,000 – RM3,999	2,493	2,560,641	79.7	76.8	82.3	19.8	17.2	22.6	0.2	0.0	0.7	0.4	0.1	1.2
RM4,000 – RM4,999	1,774	1,971,132	78.1	74.8	80.9	21.7	18.8	24.8	0.1	0.0	0.5	0.2	0.0	1.6
RM5,000 – RM5,999	1,382	1,567,592	73.1	68.3	77.3	26.1	21.9	30.9	0.3	0.1	1.2	0.5	0.2	1.4
RM6,000 – RM6,999	937	1,030,650	70.1	64.8	74.8	29.8	25.1	35.1	0.1	0.0	0.7	0.0	0.0	0.1
RM7,000 – RM7,999	760	811,127	65.6	59.5	71.2	34.0	28.4	40.1	0.0	–	–	0.4	0.1	1.3
RM8,000 – RM8,999	586	680,793	68.0	62.3	73.2	31.8	26.5	37.5	0.0	0.0	0.1	0.2	0.0	1.3
RM9,000 – RM9,999	309	354,302	62.4	53.5	70.5	37.0	29.0	45.9	0.0	–	–	0.5	0.1	2.6
RM10,000 and above	1,331	1,760,991	49.8	44.2	55.4	49.6	44.0	55.3	0.1	0.0	0.5	0.5	0.2	1.2
Household Income Quintiles														
Q1 (20% poorest)	2,760	2,326,525	86.5	84.0	88.7	12.8	10.7	15.2	0.0	–	–	0.7	0.3	1.6
Q2	3,697	3,391,945	90.7	88.9	92.2	8.9	7.4	10.7	0.0	–	–	0.4	0.2	0.8
Q3	4,254	4,113,358	82.8	80.6	84.9	16.2	14.3	18.4	0.2	0.1	0.6	0.7	0.4	1.3
Q4	4,066	4,371,570	78.7	76.4	80.8	20.8	18.7	23.1	0.1	0.0	0.2	0.4	0.2	1.0
Q5 (20% richest)	4,950	5,764,201	63.8	60.8	66.6	35.8	32.9	38.8	0.1	0.0	0.3	0.3	0.2	0.6
Socioeconomic Quintiles (based on HCD 2011)														
Q1 (20% poorest)	4,209	4,145,140	88.2	85.3	90.6	11.2	8.8	14.0	0.0	0.0	0.3	0.6	0.3	1.2
Q2	4,343	3,910,906	88.6	86.7	90.2	10.8	9.3	12.6	0.1	0.0	0.5	0.5	0.2	0.9
Q3	4,042	3,942,046	81.9	79.6	84.1	17.6	15.4	19.9	0.1	0.0	0.5	0.4	0.2	0.9
Q4	3,906	4,012,571	75.0	72.5	77.3	24.5	22.2	26.9	0.2	0.1	0.5	0.3	0.2	0.7
Q5 (20% richest)	3,227	3,957,238	56.9	53.6	60.1	42.5	39.4	45.8	0.0	–	–	0.6	0.3	1.2

Notes:

1. [1]not including "missing/not applicable"
2. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. TCM= Traditional & Complementary Medicine; Q= Quintile

Table 2.8: Choice of preferred provider for dental treatment, by SES

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,836**	**20,093,373**	**61.2**	**59.4**	**62.9**	**37.3**	**35.6**	**39.0**	**0.1**	**0.1**	**0.2**	**1.4**	**1.1**	**1.8**
State														
Johor	1,790	2,363,591	57.0	51.3	62.5	41.4	35.9	47.1	0.3	0.1	1.0	1.3	0.8	2.0
Kedah	1,265	1,315,266	80.1	76.8	83.0	19.1	16.2	22.4	0.0	–	–	0.8	0.3	2.0
Kelantan	1,174	1,001,083	77.0	72.5	80.9	21.9	18.2	26.0	0.1	0.0	0.6	1.0	0.4	2.3
Melaka	1,150	568,140	76.8	70.1	82.4	22.4	16.9	29.1	0.0	–	–	0.8	0.2	2.4
Negeri Sembilan	1,252	677,830	66.6	58.8	73.6	33.0	26.0	40.7	0.0	–	–	0.4	0.2	1.2
Pahang	1,220	992,663	69.8	62.9	75.9	29.4	23.3	36.3	0.0	–	–	0.8	0.4	1.9
Pulau Pinang	1,358	1,205,673	41.3	32.1	51.2	56.7	47.4	65.6	0.0	–	–	2.0	1.1	3.6
Perak	1,383	1,654,589	67.4	61.0	73.2	32.0	26.3	38.2	0.0	–	–	0.7	0.3	1.5
Perlis	1,283	159,258	80.7	76.6	84.3	18.8	15.2	23.0	0.0	0.0	0.3	0.4	0.2	1.0
Selangor	2,741	4,151,958	43.9	40.0	48.0	54.3	50.3	58.3	0.3	0.1	0.6	1.5	0.9	2.4
Terengganu	1,196	686,400	69.6	64.3	74.4	29.3	24.7	34.3	0.0	–	–	1.1	0.5	2.4
Sabah/Labuan	1,601	2,285,030	69.4	64.1	74.2	27.4	23.2	32.0	0.1	0.0	0.5	3.1	1.7	5.6
Sarawak	1,245	1,737,280	76.7	70.5	82.0	21.7	16.5	27.9	0.1	0.0	0.7	1.5	0.9	2.6
WP Kuala Lumpur	692	1,245,955	44.5	36.1	53.3	54.1	45.4	62.7	0.0	–	–	1.3	0.6	3.0
WP Putrajaya	486	48,657	62.1	54.4	69.3	36.9	29.9	44.5	0.0	–	–	1.0	0.3	3.4
Location														
Urban	11,458	15,326,984	55.7	53.6	57.8	43.0	40.9	45.1	0.1	0.1	0.3	1.2	0.9	1.5
Rural	8,378	4,766,389	78.9	76.1	81.5	18.9	16.6	21.4	0.1	0.0	0.2	2.1	1.4	3.2
Sex														
Male	9,424	10,362,655	59.3	57.3	61.4	38.8	36.8	40.9	0.2	0.1	0.3	1.7	1.3	2.2
Female	10,412	9,730,717	63.2	61.3	65.1	35.6	33.8	37.5	0.1	0.0	0.2	1.1	0.8	1.5
Age Group (Years)														
18-19	802	955,207	71.1	66.8	75.1	26.9	23.1	31.2	0.3	0.0	2.4	1.6	0.8	3.2
20-24	1,903	2,821,812	63.9	60.5	67.3	34.3	31.0	37.7	0.1	0.0	0.4	1.7	1.0	2.8
25-29	2,159	2,759,776	55.9	52.8	59.0	42.4	39.2	45.6	0.1	0.0	0.5	1.7	1.0	2.7
30-34	2,084	2,615,553	54.9	51.5	58.3	43.5	40.2	46.9	0.1	0.0	0.5	1.5	0.9	2.4
35-39	1,906	2,068,174	54.8	51.2	58.3	43.7	40.3	47.3	0.1	0.0	0.4	1.4	0.7	2.5
40-44	1,786	1,843,143	55.3	51.9	58.6	42.9	39.6	46.3	0.3	0.1	0.8	1.6	0.9	2.7
45-49	1,858	1,670,813	57.1	53.7	60.4	41.9	38.6	45.3	0.2	0.1	0.7	0.8	0.4	1.4

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,836**	**20,093,373**	**61.2**	**59.4**	**62.9**	**37.3**	**35.6**	**39.0**	**0.1**	**0.1**	**0.2**	**1.4**	**1.1**	**1.8**
50-54	1,888	1,500,227	63.3	60.0	66.5	35.5	32.4	38.8	0.1	0.0	0.4	1.1	0.6	1.9
55-59	1,676	1,260,370	67.7	64.2	70.9	31.5	28.3	35.0	0.0	0.0	0.0	0.8	0.4	1.5
60-64	1,339	934,383	73.9	70.1	77.3	24.8	21.4	28.6	0.0	–	–	1.3	0.7	2.5
65-69	1,009	691,694	71.7	67.0	76.0	26.4	22.3	31.0	0.1	0.0	0.7	1.8	0.9	3.7
70-74	680	403,129	75.9	70.2	80.7	22.0	17.3	27.6	0.0	0.0	0.4	2.1	1.0	4.3
75+	746	569,091	76.5	71.8	80.6	21.7	17.6	26.4	0.0	–	–	1.8	1.0	3.4
Ethnicity [1]														
Malay	12,339	9,932,366	69.4	67.7	71.0	29.9	28.2	31.6	0.0	0.0	0.1	0.7	0.5	0.9
Chinese	3,145	4,688,312	39.4	36.0	42.8	59.2	55.7	62.5	0.1	0.0	0.4	1.3	0.9	2.0
Indian	1,401	1,365,628	63.3	58.6	67.7	35.5	31.1	40.0	0.0	–	–	1.3	0.7	2.4
Bumiputera Sabah	866	935,894	83.1	77.8	87.3	16.0	11.9	21.2	0.1	0.0	0.8	0.8	0.3	2.2
Bumiputera Sarawak	563	870,340	84.9	78.3	89.7	13.6	8.7	20.8	0.0	–	–	1.5	0.6	3.6
Orang Asli	67	38,310	89.6	73.7	96.3	9.2	3.5	22.2	0.0	–	–	1.2	0.1	10.2
Others	1,449	2,260,417	50.6	45.0	56.2	43.6	38.2	49.1	0.6	0.3	1.4	5.2	3.5	7.7
Citizenship														
Malaysian	18,595	18,088,943	62.8	61.0	64.5	36.3	34.6	38.0	0.0	0.0	0.1	0.9	0.7	1.1
Non Malaysian	1,241	2,004,430	47.0	41.5	52.6	46.2	40.6	51.8	0.8	0.4	1.6	6.1	4.2	8.7
Marital status														
Never married	4,163	5,609,892	58.7	56.0	61.4	39.7	37.1	42.4	0.1	0.0	0.5	1.4	1.0	2.0
Married	13,741	13,085,599	61.0	59.1	62.8	37.5	35.8	39.3	0.1	0.1	0.2	1.4	1.1	1.8
Widow/Widower/Divorcee	1,932	1,397,881	73.5	70.0	76.6	24.7	21.6	28.1	0.0	0.0	0.1	1.8	1.1	2.9
Education level [1]														
No formal education	1,363	1,170,322	74.9	69.4	79.7	20.4	16.2	25.4	0.2	0.0	0.9	4.5	2.9	6.9
Primary	4,745	4,067,196	71.0	68.2	73.7	26.4	23.9	29.0	0.2	0.1	0.5	2.4	1.7	3.4
Secondary	9,104	9,290,043	65.3	63.4	67.3	33.5	31.6	35.5	0.1	0.0	0.1	1.1	0.8	1.5
Tertiary	4,390	5,271,751	43.2	40.7	45.8	56.1	53.6	58.6	0.2	0.1	0.4	0.5	0.3	0.9
Unclassified	212	275,005	62.9	53.4	71.4	34.5	26.3	43.7	0.5	0.1	3.4	2.1	0.9	5.1
Occupation [1]														
Government /Semi-government employee	2,189	1,919,861	62.5	59.2	65.8	37.3	34.0	40.6	0.1	0.0	0.7	0.1	0.0	0.6
Private employee	6,062	7,949,161	49.9	47.4	52.4	48.2	45.7	50.7	0.2	0.1	0.4	1.8	1.2	2.5
Self-employed	3,815	3,381,847	65.7	62.9	68.4	32.2	29.5	35.0	0.2	0.1	0.4	1.9	1.4	2.6
Unpaid worker/homemaker	3,315	2,871,381	71.7	69.2	74.1	27.5	25.2	30.0	0.1	0.0	0.3	0.7	0.4	1.2
Retiree	784	609,189	66.1	61.3	70.5	33.5	29.0	38.2	0.0	–	–	0.5	0.1	2.6
Unemployed	3,123	2,625,153	77.7	75.1	80.1	20.3	18.0	22.7	0.0	0.0	0.1	2.1	1.4	3.1
Student	546	734,402	54.9	48.9	60.8	44.5	38.7	50.5	0.2	0.0	1.3	0.4	0.1	1.6

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,836**	**20,093,373**	**61.2**	**59.4**	**62.9**	**37.3**	**35.6**	**39.0**	**0.1**	**0.1**	**0.2**	**1.4**	**1.1**	**1.8**
Household Income Group (RM)														
Less than RM1,000	3,221	2,721,583	76.9	74.2	79.5	20.6	18.2	23.3	0.1	0.0	0.3	2.4	1.7	3.2
RM1,000 – RM1,999	3,626	3,312,268	77.7	75.0	80.1	21.0	18.6	23.5	0.0	–	–	1.4	0.9	2.1
RM2,000 – RM2,999	3,353	3,254,624	68.9	66.0	71.7	29.1	26.4	31.9	0.3	0.1	0.7	1.7	1.1	2.6
RM3,000 – RM3,999	2,511	2,580,562	61.6	58.1	64.9	36.6	33.4	40.0	0.2	0.0	0.7	1.6	0.9	2.7
RM4,000 – RM4,999	1,778	1,976,313	58.9	55.5	62.3	40.4	37.1	43.7	0.2	0.0	0.6	0.6	0.2	1.5
RM5,000 – RM5,999	1,392	1,580,248	53.4	48.4	58.3	44.9	40.0	49.9	0.2	0.1	0.7	1.5	0.8	2.6
RM6,000 – RM6,999	946	1,041,463	49.6	44.1	55.1	49.6	44.1	55.1	0.0	–	–	0.8	0.3	2.2
RM7,000 – RM7,999	762	814,137	43.6	37.6	49.8	55.2	49.1	61.2	0.0	–	–	1.1	0.5	2.7
RM8,000 – RM8,999	587	679,745	42.0	36.0	48.2	58.0	51.7	63.9	0.0	–	–	0.0	0.0	0.2
RM9,000 – RM9,999	309	354,302	42.2	33.2	51.7	57.1	47.5	66.1	0.0	–	–	0.8	0.2	2.7
RM10,000 and above	1,351	1,778,127	27.2	23.0	31.9	71.2	66.4	75.6	0.2	0.0	1.1	1.4	0.7	2.7
Household Income Quintiles														
Q1 (20% poorest)	2,773	2,335,663	76.8	73.8	79.5	20.8	18.2	23.7	0.1	0.0	0.3	2.3	1.6	3.2
Q2	3,714	3,419,226	77.8	75.1	80.2	20.8	18.5	23.3	0.0	–	–	1.4	0.9	2.2
Q3	4,277	4,147,264	66.9	64.2	69.5	31.1	28.6	33.8	0.3	0.1	0.7	1.7	1.1	2.4
Q4	4,081	4,390,055	59.7	56.9	62.3	39.0	36.4	41.6	0.1	0.0	0.3	1.3	0.8	2.1
Q5 (20% richest)	4,991	5,801,165	42.2	39.4	45.1	56.6	53.7	59.5	0.1	0.0	0.3	1.0	0.7	1.5
Socioeconomic Quintiles (based on HCD 2011)														
Q1 (20% poorest)	4,237	4,168,333	77.7	74.3	80.7	20.8	17.9	24.1	0.0	0.0	0.3	1.5	1.0	2.3
Q2	4,368	3,936,299	74.4	71.9	76.8	23.4	21.2	25.6	0.1	0.0	0.5	2.1	1.4	3.0
Q3	4,062	3,970,253	63.3	60.6	66.0	35.2	32.6	37.9	0.1	0.0	0.2	1.4	0.9	2.0
Q4	3,921	4,036,409	55.7	53.0	58.3	42.9	40.2	45.6	0.3	0.2	0.7	1.1	0.8	1.7
Q5 (20% richest)	3,248	3,982,379	34.4	31.5	37.4	64.5	61.5	67.4	0.0	0	0.2	1.1	0.7	1.7

Notes:

1. [a]not including "missing/not applicable"
2. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. TCM= Traditional & Complementary Medicine; Q= Quintile

Table 2.9: Choice of preferred provider for dental treatment, by SES

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,655**	**19,849,749**	**78.1**	**76.5**	**79.6**	**20.5**	**19.0**	**22.1**	**0.4**	**0.3**	**0.6**	**0.9**	**0.7**	**1.3**
State														
Johor	1,775	2,338,860	76.7	70.5	82.0	22.2	17.0	28.4	0.3	0.1	0.8	0.8	0.5	1.5
Kedah	1,245	1,299,476	92.3	88.9	94.7	7.2	4.8	10.6	0.1	0.0	0.6	0.4	0.2	1.1
Kelantan	1,171	998,859	94.6	91.8	96.5	3.9	2.2	6.7	1.0	0.6	1.6	0.5	0.2	1.2
Melaka	1,146	565,339	85.6	79.0	90.4	14.2	9.4	20.9	0.0	0.0	0.1	0.1	0.0	1.0
Negeri Sembilan	1,246	670,259	82.6	74.4	88.6	17.0	11.1	25.2	0.0	0.0	0.3	0.3	0.1	1.0
Pahang	1,207	979,507	85.7	80.1	89.9	14.0	9.8	19.7	0.1	0.0	0.5	0.2	0.1	0.6
Pulau Pinang	1,336	1,186,544	58.8	48.3	68.6	40.8	31.0	51.3	0.2	0.1	0.8	0.1	0.0	0.6
Perak	1,361	1,631,765	81.1	76.3	85.1	18.5	14.5	23.2	0.1	0.0	0.4	0.3	0.1	1.1
Perlis	1,276	158,058	91.1	88.8	92.9	6.3	4.5	8.7	0.2	0.1	0.6	2.5	1.7	3.7
Selangor	2,711	4,093,324	64.4	60.2	68.3	34.3	30.4	38.5	0.3	0.2	0.7	0.9	0.5	1.6
Terengganu	1,188	683,043	91.5	87.6	94.3	7.4	4.7	11.3	0.2	0.1	0.7	0.9	0.5	1.7
Sabah/Labuan	1,598	2,272,931	85.3	81.0	88.8	9.2	7.0	12.0	1.8	1.0	3.3	3.7	2.0	6.5
Sarawak	1,224	1,689,670	90.6	86.6	93.4	8.7	6.0	12.5	0.3	0.1	0.8	0.4	0.1	1.3
WP Kuala Lumpur	687	1,233,657	61.3	53.4	68.5	38.3	30.9	46.2	0.2	0.1	1.0	0.2	0.0	1.6
WP Putrajaya	484	48,457	85.9	80.0	90.3	14.1	9.7	20.0	0.0	–	–	0.0	–	–
Location														
Urban	11,331	15,142,472	74.2	72.2	76.1	24.9	23.0	26.9	0.3	0.2	0.5	0.6	0.5	0.8
Rural	8,324	4,707,276	90.8	88.7	92.6	6.4	5.2	7.9	0.9	0.5	1.6	1.9	1.1	3.2
Sex														
Male	9,289	10,160,811	77.5	75.5	79.3	21.3	19.5	23.2	0.4	0.2	0.7	0.9	0.6	1.4
Female	10,366	9,688,938	78.8	77.2	80.4	19.7	18.2	21.3	0.5	0.3	0.7	1.0	0.7	1.3
Age Group (Years)														
18-19	780	935,337	82.9	79.2	86.1	16.2	13.1	19.9	0.7	0.2	2.6	0.2	0.1	0.8
20-24	1,863	2,770,101	78.1	74.9	81.1	20.5	17.7	23.7	0.2	0.0	0.7	1.2	0.6	2.3
25-29	2,116	2,686,015	75.9	73.0	78.7	23.3	20.6	26.3	0.3	0.1	1.3	0.4	0.2	1.2
30-34	2,060	2,575,551	75.0	71.6	78.2	23.1	20.1	26.4	0.4	0.2	1.3	1.4	0.8	2.4
35-39	1,898	2,057,861	75.5	72.3	78.5	23.3	20.4	26.5	0.4	0.2	1.0	0.8	0.4	1.7
40-44	1,771	1,820,925	73.9	70.4	77.1	25.1	21.9	28.6	0.2	0.1	0.9	0.8	0.4	1.9
45-49	1,851	1,663,506	74.8	71.5	77.8	24.0	21.0	27.3	0.5	0.3	1.1	0.7	0.4	1.3

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,655**	**19,849,749**	**78.1**	**76.5**	**79.6**	**20.5**	**19.0**	**22.1**	**0.4**	**0.3**	**0.6**	**0.9**	**0.7**	**1.3**
50-54	1,884	1,496,077	79.6	76.4	82.5	19.9	17.1	23.1	0.3	0.1	0.7	0.1	0.0	0.4
55-59	1,672	1,256,261	83.0	80.2	85.5	15.5	13.1	18.2	0.5	0.2	0.9	1.0	0.5	2.1
60-64	1,334	931,389	88.4	85.4	90.8	10.1	7.8	13.1	0.5	0.2	1.3	1.0	0.6	1.8
65-69	1,006	687,947	86.0	82.3	89.0	11.5	8.7	15.0	1.1	0.5	2.3	1.5	0.7	3.1
70-74	681	402,429	83.0	77.6	87.3	14.7	10.5	20.2	0.8	0.4	1.9	1.5	0.7	2.9
75+	739	566,348	83.1	78.7	86.7	11.8	8.6	16.0	2.0	1.1	3.7	3.1	1.9	5.0
Ethnicity [1]														
Malay	12,270	9,861,083	86.5	85.2	87.7	12.7	11.5	14.0	0.3	0.2	0.4	0.5	0.4	0.7
Chinese	3,113	4,632,630	57.0	53.7	60.3	42.4	39.1	45.7	0.1	0.0	0.3	0.5	0.2	0.9
Indian	1,395	1,361,127	77.8	73.0	82.0	21.7	17.6	26.5	0.0	–	–	0.5	0.2	1.4
Bumiputera Sabah	865	935,120	92.9	90.2	94.9	5.4	3.6	7.9	0.7	0.2	2.0	1.0	0.4	2.4
Bumiputera Sarawak	560	854,454	96.7	93.8	98.3	2.9	1.4	5.7	0.4	0.1	1.6	0.0	–	–
Orang Asli	65	37,144	97.0	81.6	99.6	3.0	0.4	18.4	0.0	–	–	0.0	–	–
Others	1,381	2,166,086	71.3	65.5	76.5	22.2	17.5	27.7	2.2	1.3	3.6	4.4	2.6	7.3
Citizenship														
Malaysian	18,495	17,951,993	79.4	77.8	80.9	19.9	18.4	21.4	0.2	0.2	0.3	0.5	0.4	0.6
Non Malaysian	1,160	1,897,756	66.2	60.2	71.6	26.4	21.2	32.4	2.4	1.4	4.1	5.0	3.0	8.2
Marital status														
Never married	4,033	5,419,078	75.0	72.4	77.4	24.1	21.8	26.6	0.1	0.0	0.4	0.8	0.4	1.3
Married	13,700	13,039,615	78.7	77.1	80.3	19.9	18.4	21.5	0.5	0.3	0.7	0.9	0.6	1.2
Widow/Widower/Divorcee	1,922	1,391,056	84.7	81.7	87.2	11.9	9.5	14.7	1.4	0.9	2.3	2.1	1.4	3.1
Education level [1]														
No formal education	1,346	1,156,593	85.2	81.3	88.3	8.7	6.0	12.5	1.8	0.9	3.3	4.4	3.0	6.3
Primary	4,703	4,002,313	84.9	82.6	87.0	12.1	10.3	14.0	1.2	0.8	1.9	1.8	1.1	2.9
Secondary	9,046	9,200,387	82.7	80.9	84.4	16.7	15.0	18.5	0.1	0.1	0.2	0.5	0.3	0.7
Tertiary	4,344	5,215,503	63.3	60.5	66.0	36.3	33.6	39.1	0.1	0.0	0.4	0.3	0.1	0.6
Unclassified	196	258,553	78.0	68.7	85.2	20.3	13.3	29.7	0.7	0.1	5.1	1.0	0.2	3.8
Occupation [1]														
Government /Semi-government employee	2,180	1,912,975	82.6	80.0	84.9	17.0	14.6	19.6	0.2	0.1	0.7	0.2	0.1	0.8
Private employee	5,949	7,781,034	70.6	68.0	73.0	27.8	25.4	30.4	0.5	0.3	0.9	1.2	0.7	2.0
Self-employed	3,789	3,345,160	81.5	79.2	83.6	17.4	15.3	19.6	0.5	0.3	0.8	0.7	0.4	1.2
Unpaid worker/homemaker	3,320	2,878,362	85.3	83.3	87.1	13.6	11.8	15.6	0.4	0.2	0.9	0.6	0.3	1.2
Retiree	781	604,329	82.5	77.6	86.5	16.8	12.8	21.8	0.2	0.0	0.9	0.4	0.1	1.8
Unemployed	3,094	2,599,670	87.8	85.8	89.5	9.9	8.3	11.7	0.7	0.4	1.1	1.7	1.2	2.5
Student	540	725,841	65.4	59.4	70.9	34.6	29.1	40.6	0.0	–	–	0.0	–	–

Sociodemographic Characteristics	Count, n (unweighted)	Estimated population, N (weighted)	Government			Private			Traditional (TCM)			Will not go to any facility		
			%	95% CI		%	95% CI		%	95% CI		%	95% CI	
				LL	UL		LL	UL		LL	UL		LL	UL
MALAYSIA	**19,655**	**19,849,749**	**78.1**	**76.5**	**79.6**	**20.5**	**19.0**	**22.1**	**0.4**	**0.3**	**0.6**	**0.9**	**0.7**	**1.3**
Household Income Group (RM)														
Less than RM1,000	3,199	2,699,906	86.5	84.2	88.5	11.3	9.3	13.6	0.9	0.5	1.5	1.3	0.9	1.9
RM1,000 – RM1,999	3,588	3,242,781	89.7	87.6	91.5	8.0	6.6	9.8	0.9	0.5	1.7	1.3	0.7	2.3
RM2,000 – RM2,999	3,334	3,235,465	85.8	83.4	87.9	13.2	11.2	15.4	0.3	0.1	0.8	0.7	0.4	1.3
RM3,000 – RM3,999	2,477	2,536,924	81.9	79.2	84.4	16.8	14.5	19.5	0.3	0.1	0.7	0.9	0.5	1.8
RM4,000 – RM4,999	1,771	1,968,598	79.4	76.0	82.5	19.8	16.8	23.1	0.1	0.0	0.4	0.7	0.3	2.0
RM5,000 – RM5,999	1,380	1,562,259	74.2	69.6	78.3	24.9	20.8	29.5	0.4	0.1	1.4	0.5	0.2	1.3
RM6,000 – RM6,999	932	1,020,674	68.0	62.4	73.2	31.3	26.1	36.9	0.3	0.1	0.9	0.4	0.1	1.3
RM7,000 – RM7,999	753	798,989	65.6	59.5	71.3	33.2	27.6	39.3	0.2	0.0	1.4	1.0	0.4	2.1
RM8,000 – RM8,999	583	674,487	67.4	61.5	72.9	32.0	26.5	38.1	0.0	–	–	0.6	0.1	2.1
RM9,000 – RM9,999	308	353,190	62.2	52.8	70.7	37.6	29.1	46.9	0.0	–	–	0.2	0.0	0.8
RM10,000 and above	1,330	1,756,476	45.1	39.9	50.5	53.5	48.1	58.9	0.2	0.1	0.7	1.1	0.6	2.2
Household Income Quintiles														
Q1 (20% poorest)	2,755	2,318,505	85.3	82.8	87.6	12.5	10.3	15.0	0.9	0.5	1.6	1.3	0.9	2.0
Q2	3,675	3,349,552	90.2	88.2	91.9	7.7	6.3	9.3	1.0	0.6	1.7	1.2	0.7	2.1
Q3	4,247	4,118,688	84.3	82.1	86.3	14.5	12.7	16.6	0.4	0.2	0.7	0.8	0.5	1.4
Q4	4,046	4,337,259	80.2	77.8	82.3	18.8	16.7	21.1	0.2	0.1	0.4	0.9	0.4	1.8
Q5 (20% richest)	4,932	5,725,745	62.2	59.1	65.2	36.9	33.9	40.0	0.2	0.1	0.5	0.7	0.5	1.1
Socioeconomic Quintiles (based on HCD 2011)														
Q1 (20% poorest)	4,183	4,094,134	89.2	86.3	91.5	8.6	6.5	11.4	1.0	0.6	1.8	1.2	0.7	2.0
Q2	4,330	3,893,968	90.1	88.1	91.8	8.5	7.1	10.3	0.5	0.2	0.8	1.0	0.5	1.8
Q3	4,029	3,919,629	81.8	79.3	83.9	16.6	14.5	18.9	0.4	0.2	0.8	1.2	0.8	1.8
Q4	3,892	3,995,731	75.3	72.8	77.7	23.9	21.5	26.4	0.1	0.1	0.3	0.7	0.4	1.2
Q5 (20% richest)	3,221	3,946,586	54.2	50.9	57.4	45.1	41.9	48.3	0.2	0.1	0.5	0.5	0.3	1.0

Notes:

1. [1]not including "missing/not applicable"
2. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. TCM= Traditional & Complementary Medicine; Q= Quintile

Table 2.10: Overall perceived payment per visit for government and private healthcare for certain health conditions/situations

Government									
Health Condition	Count	Estimated population	Mean	95% CI		SD	Median	IQR	
				LL	UL				
Minor illness	18,129	18,297,237	4.10	3.34	4.86	23.10	1.00	1.00	1.00
Major illness	13,541	13,869,109	19.46	16.94	21.98	76.93	1.00	1.00	2.00
Minor surgery	13,193	13,809,139	10.54	9.40	11.68	29.86	1.00	1.00	2.00
Major surgery	10,713	11,250,000	2,143.87	1,967.54	2,320.19	4,278.00	300.00	10.00	1,500.00
Dental treatment	15,730	16,126,570	8.33	7.03	9.64	38.91	1.00	1.00	2.00
For birth delivery	13,644	14,102,342	154.72	144.59	164.85	253.20	50.00	20.00	150.00
Private									
Health Condition	Count	Estimated population	Mean	95% CI		SD	Median	IQR	
				LL	LL				
Minor illness	18,129	18,300,185	44.09	43.30	44.89	25.20	42.36	30.00	50.00
Major illness	13,540	13,868,858	165.82	154.81	176.82	338.40	70.00	50.00	150.00
Minor surgery	13,192	13,807,988	90.89	87.32	94.45	102.40	65.00	45.00	100.00
Major surgery	10,712	11,246,571	13,123.55	12,346.89	13,900.21	18,414.00	5,000.00	1,000.00	15,000.00
Dental treatment	15,729	16,125,918	96.15	92.05	100.25	120.10	70.00	50.00	100.00
For birth delivery	13,643	14,102,197	2,094.44	2,028.83	2,160.04	1,566.00	2,000.00	900.00	3,000.00

Notes:

1. "Count" = number of respondents who answered affirmative for this section, and this is not the total sample unless otherwise stated.
2. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
3. Results shown in Ringgit Malaysia (RM)

Table 2.11: Perceived payment per visit, government and private providers for minor health problem, by SES

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**4.10**	**3.34**	**4.86**	**23.10**	**1.00**	**1.00 - 1.00**	**44.09**	**43.30**	**44.89**	**25.20**	**42.36**	**30.00 - 50.00**
State												
Johor	3.21	1.17	5.25	22.60	1.00	1.00 - 1.00	44.41	42.15	46.67	23.37	42.36	30.00 - 50.00
Kedah	1.34	0.99	1.69	4.78	1.00	1.00 - 1.00	39.41	36.93	41.90	21.31	40.00	30.00 - 50.00
Kelantan	1.52	0.98	2.07	9.18	1.00	1.00 - 1.00	39.79	38.17	41.41	20.06	40.00	30.00 - 50.00
Melaka	1.35	0.94	1.76	2.75	1.00	1.00 - 1.00	38.70	37.03	40.37	14.55	40.00	30.00 - 50.00
Negeri Sembilan	0.92	0.88	0.97	0.66	1.00	1.00 - 1.00	44.56	42.15	46.97	20.13	40.00	30.00 - 50.00
Pahang	1.95	1.03	2.87	7.99	1.00	1.00 - 1.00	45.40	42.12	48.68	25.00	42.36	30.00 - 50.00
Pulau Pinang	1.89	1.05	2.72	5.23	1.00	1.00 - 1.00	38.71	33.62	43.80	27.34	35.00	25.00 - 50.00
Perak	1.13	0.94	1.32	2.19	1.00	1.00 - 1.00	43.17	41.30	45.03	19.13	42.36	30.00 - 50.00
Perlis	1.07	0.88	1.26	2.40	1.00	1.00 - 1.00	36.89	35.64	38.15	14.18	35.00	30.00 - 42.36
Selangor	6.62	3.72	9.53	40.73	1.00	1.00 - 1.00	50.31	48.69	51.94	24.72	50.00	40.00 - 50.00
Terengganu	1.35	0.99	1.71	4.34	1.00	1.00 - 1.00	40.63	36.98	44.27	23.81	40.00	30.00 - 50.00
Sabah/Labuan	7.67	5.01	10.32	25.54	1.00	1.00 - 2.00	39.26	36.30	42.22	26.49	35.00	25.00 - 50.00
Sarawak	6.94	4.76	9.11	16.75	1.00	1.00 - 1.00	41.49	38.10	44.88	31.21	40.00	20.00 - 50.00
WP Kuala Lumpur	3.92	2.90	4.94	11.56	1.00	1.00 - 1.00	54.70	51.44	57.97	31.14	50.00	38.00 - 60.00
WP Putrajaya	7.41	5.06	9.77	15.34	1.00	0.00 - 10.00	42.48	39.13	45.82	23.89	40.00	30.00 - 50.00
Location												
Urban	4.11	3.20	5.02	24.30	1.00	1.00 - 1.00	45.41	44.43	46.40	25.71	42.36	30.00 - 50.00
Rural	4.07	2.75	5.40	18.83	1.00	1.00 - 1.00	39.97	38.87	41.07	23.04	40.00	30.00 - 50.00
Sex												
Male	4.70	3.77	5.63	25.04	1.00	1.00 - 1.00	44.57	43.59	45.55	25.72	42.36	30.00 - 50.00
Female	3.47	2.68	4.27	20.83	1.00	1.00 - 1.00	43.59	42.70	44.48	24.62	40.00	30.00 - 50.00
Age Group (Years)												
18-19	6.71	2.96	10.46	32.83	1.00	1.00 - 1.00	43.71	40.57	46.86	29.12	42.36	30.00 - 50.00
20-24	3.91	3.00	4.82	12.14	1.00	1.00 - 1.00	42.89	41.16	44.63	25.66	40.00	30.00 - 50.00
25-29	5.31	2.86	7.75	29.17	1.00	1.00 - 1.00	45.18	43.65	46.72	24.49	42.36	30.00 - 50.00
30-34	4.68	3.04	6.31	24.70	1.00	1.00 - 1.00	44.74	43.08	46.40	25.72	42.36	30.00 - 50.00
35-39	4.48	3.11	5.86	22.31	1.00	1.00 - 1.00	45.50	43.80	47.19	25.67	42.36	30.00 - 50.00
40-44	5.08	2.55	7.61	30.22	1.00	1.00 - 1.00	44.38	42.62	46.14	24.38	40.00	30.00 - 50.00
45-49	3.54	2.03	5.06	22.90	1.00	1.00 - 1.00	43.21	41.68	44.75	22.21	40.00	30.00 - 50.00
50-54	3.63	1.69	5.58	26.47	1.00	1.00 - 1.00	43.48	41.77	45.20	26.40	40.00	30.00 - 50.00
55-59	2.70	1.55	3.85	18.17	1.00	1.00 - 1.00	43.96	42.27	45.64	25.15	42.36	30.00 - 50.00
60-64	2.33	1.36	3.30	12.05	1.00	0.00 - 1.00	43.29	41.36	45.21	25.44	40.00	30.00 - 50.00
65-69	1.26	0.87	1.66	4.10	1.00	0.00 - 1.00	43.20	41.33	45.07	21.28	42.36	30.00 - 50.00
70-74	2.03	0.11	3.94	10.00	1.00	0.00 - 1.00	42.73	39.73	45.74	27.20	42.36	30.00 - 50.00
75+	1.09	0.79	1.38	3.47	1.00	0.00 - 1.00	44.29	41.68	46.91	25.20	42.36	30.00 - 50.00
Ethnicity[1]												
Malay	2.12	1.74	2.50	13.69	1.00	1.00 - 1.00	42.96	42.02	43.90	23.23	40.00	30.00 - 50.00
Chinese	4.09	1.96	6.22	28.70	1.00	1.00 - 1.00	46.82	45.35	48.28	25.77	45.00	30.00 - 50.00
Indian	4.88	1.51	8.25	36.55	1.00	1.00 - 1.00	49.32	46.65	51.99	27.67	50.00	35.00 - 50.00
Bumiputera Sabah	2.01	1.43	2.59	5.72	1.00	1.00 - 1.00	40.44	38.23	42.65	24.07	40.00	25.00 - 50.00
Bumiputera Sarawak	6.31	3.20	9.42	17.99	1.00	1.00 - 1.00	40.95	37.09	44.80	28.54	40.00	20.00 - 50.00
Orang Asli	0.86	0.73	0.99	0.35	1.00	1.00 - 1.00	44.72	35.35	54.08	21.38	40.00	30.00 - 50.00
Others	14.16	10.95	17.36	36.77	1.00	1.00 - 20.00	43.32	39.83	46.82	29.52	40.00	30.00 - 50.00
Citizenship												
Malaysian	3.01	2.30	3.72	21.27	1.00	1.00 - 1.00	43.80	43.03	44.57	24.45	40.00	30.00 - 50.00
Non-Malaysian	16.63	13.66	19.60	35.95	5.00	1.00 - 23.00	47.50	44.16	50.85	32.42	42.36	30.00 - 50.00

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**4.10**	**3.34**	**4.86**	**23.10**	**1.00**	**1.00 - 1.00**	**44.09**	**43.30**	**44.89**	**25.20**	**42.36**	**30.00 - 50.00**
Marital status												
Never married	4.74	2.91	6.57	27.27	1.00	1.00 - 1.00	44.18	42.83	45.53	26.15	42.36	30.00 - 50.00
Married	4.02	3.30	4.74	21.76	1.00	1.00 - 1.00	44.22	43.36	45.09	25.04	40.00	30.00 - 50.00
Widow/Widower/Divorcee	2.35	1.31	3.39	16.40	1.00	1.00 - 1.00	42.47	40.99	43.94	22.67	40.00	30.00 - 50.00
Education level[2]												
No formal education	5.74	3.28	8.20	23.11	1.00	1.00 - 1.00	41.50	39.12	43.87	25.98	40.00	30.00 - 50.00
Primary	4.57	3.36	5.79	19.77	1.00	1.00 - 1.00	41.77	40.36	43.19	23.69	40.00	30.00 - 50.00
Secondary	3.23	2.62	3.85	17.49	1.00	1.00 - 1.00	43.07	42.18	43.96	23.45	40.00	30.00 - 50.00
Tertiary	4.71	2.78	6.64	30.78	1.00	1.00 - 1.00	48.15	46.87	49.42	28.48	45.00	30.00 - 50.00
Unclassified	10.20	(0.30)	20.71	52.14	1.00	1.00 - 1.00	43.73	39.71	47.75	24.36	40.00	30.00 - 50.00
Occupation[3]												
Government/Semi-government employee	2.59	1.96	3.21	9.10	1.00	1.00 - 1.00	45.10	43.55	46.66	25.23	42.36	30.00 - 50.00
Private employee	6.08	4.40	7.77	33.13	1.00	1.00 - 1.00	45.33	44.16	46.50	26.32	42.36	30.00 - 50.00
Self-employed	3.02	2.23	3.80	15.85	1.00	1.00 - 1.00	42.45	41.25	43.64	23.59	40.00	30.00 - 50.00
Unpaid worker/homemaker	2.88	2.07	3.68	14.84	1.00	1.00 - 1.00	42.58	41.28	43.88	22.86	40.00	30.00 - 50.00
Retiree	1.06	0.82	1.31	3.10	1.00	0.00 - 1.00	45.10	42.76	47.45	23.24	42.36	30.00 - 50.00
Unemployed	2.57	1.88	3.25	10.17	1.00	1.00 - 1.00	42.20	40.70	43.70	25.69	40.00	30.00 - 50.00
Student	5.14	3.11	7.16	14.55	1.00	1.00 - 1.00	47.84	44.76	50.91	27.73	50.00	30.00 - 50.00
Household Income Group (RM)												
Less than RM1,000	3.33	2.45	4.21	10.74	1.00	1.00 - 1.00	42.60	40.94	44.25	26.35	40.00	30.00 - 50.00
RM1,000 – RM1,999	3.85	2.87	4.83	16.05	1.00	1.00 - 1.00	39.89	38.54	41.23	22.88	40.00	30.00 - 50.00
RM2,000 – RM2,999	4.14	2.78	5.50	21.73	1.00	1.00 - 1.00	42.02	40.73	43.30	21.91	40.00	30.00 - 50.00
RM3,000 – RM3,999	3.81	2.70	4.91	15.94	1.00	1.00 - 1.00	43.01	41.55	44.48	23.80	40.00	30.00 - 50.00
RM4,000 – RM4,999	2.99	2.22	3.76	9.74	1.00	1.00 - 1.00	45.49	43.27	47.71	27.20	42.36	30.00 - 50.00
RM5,000 – RM5,999	3.46	1.92	5.00	20.20	1.00	1.00 - 1.00	45.91	43.78	48.03	24.70	42.36	30.00 - 50.00
RM6,000 – RM6,999	3.84	1.12	6.56	26.78	1.00	1.00 - 1.00	46.39	44.34	48.44	22.97	43.00	30.00 - 50.00
RM7,000 – RM7,999	2.36	1.46	3.27	7.37	1.00	1.00 - 1.00	44.73	42.26	47.19	24.27	42.36	30.00 - 50.00
RM8,000 – RM8,999	9.76	3.48	16.04	56.02	1.00	1.00 - 1.00	48.89	45.57	52.22	26.93	47.00	35.00 - 50.00
RM9,000 – RM9,999	7.14	0.31	13.96	49.57	1.00	1.00 - 1.00	49.81	45.51	54.11	27.01	50.00	35.00 - 50.00
RM10,000 and above	6.08	1.08	11.09	38.88	1.00	1.00 - 1.00	51.93	49.34	54.52	30.93	50.00	30.00 - 60.00
Household Income Quintiles												
Q1 (20% poorest)	3.12	2.36	3.89	9.44	1.00	1.00 - 1.00	42.28	40.67	43.89	25.67	40.00	30.00 - 50.00
Q2	3.93	2.93	4.94	16.41	1.00	1.00 - 1.00	40.47	39.01	41.93	24.01	40.00	30.00 - 50.00
Q3	4.00	2.84	5.15	21.51	1.00	1.00 - 1.00	42.30	41.15	43.45	22.26	40.00	30.00 - 50.00
Q4	3.59	2.69	4.50	15.50	1.00	1.00 - 1.00	44.10	42.70	45.50	25.41	40.00	30.00 - 50.00
Q5 (20% richest)	5.04	3.14	6.94	33.64	1.00	1.00 - 1.00	48.23	46.95	49.51	26.92	45.00	30.00 - 50.00
Socieconomic Quintiles (based on HCD 2011)												
Q1 (20% poorest)	4.89	3.38	6.41	20.50	1.00	1.00 - 1.00	40.69	39.03	42.34	25.08	40.00	30.00 - 50.00
Q2	3.24	2.59	3.90	12.58	1.00	1.00 - 1.00	40.58	39.37	41.79	21.87	40.00	30.00 - 50.00
Q3	4.03	1.70	6.35	28.26	1.00	1.00 - 1.00	43.41	42.12	44.70	23.64	40.00	30.00 - 50.00
Q4	4.17	2.79	5.55	24.39	1.00	1.00 - 1.00	46.23	45.05	47.41	25.27	42.36	30.00 - 50.00
Q5 (20% richest)	4.17	2.72	5.61	26.46	1.00	1.00 - 1.00	49.70	48.03	51.38	28.51	50.00	30.00 - 50.00

Notes:

1. [1]not including "missing/not applicable"
2. "Count" = number of respondents who answered affirmative for this section, and this is not the total sample unless otherwise stated.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. Results shown in Ringgit Malaysia (RM)

Table 2.12: Perceived payment per visit, government and private providers for major health problem, by SES

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**19.46**	**16.94**	**21.98**	**76.93**	**1.00**	**1.00 - 2.00**	**165.82**	**154.81**	**176.82**	**338.40**	**70.00**	**50.00 - 150.00**
State												
Johor	16.99	10.35	23.64	77.36	1.00	1.00 - 1.00	192.80	162.42	223.17	321.70	100.00	50.00 - 204.10
Kedah	11.05	3.25	18.84	72.61	1.00	1.00 - 1.00	145.84	105.22	186.46	325.70	50.00	30.00 - 204.10
Kelantan	4.55	1.39	7.71	33.97	1.00	1.00 - 1.00	125.53	97.49	153.57	259.50	50.00	40.00 - 100.00
Melaka	3.30	1.81	4.79	8.70	1.00	1.00 - 5.00	88.41	76.88	99.95	63.22	65.00	50.00 - 100.00
Negeri Sembilan	2.47	1.32	3.62	10.11	1.00	1.00 - 1.00	148.68	96.67	200.69	301.20	60.00	40.00 - 100.00
Pahang	25.78	14.96	36.61	89.38	1.00	1.00 - 1.00	239.75	188.75	290.75	464.30	80.00	40.00 - 204.10
Pulau Pinang	9.12	3.90	14.34	46.37	1.00	1.00 - 1.00	123.41	90.18	156.63	231.30	50.00	30.00 - 100.00
Perak	6.21	3.82	8.60	21.20	1.00	1.00 - 1.00	182.36	130.70	234.02	373.90	60.00	46.00 - 150.00
Perlis	2.61	0.81	4.41	14.58	1.00	1.00 - 1.00	71.19	60.76	81.61	60.97	50.00	40.00 - 70.00
Selangor	18.71	13.21	24.20	77.28	1.00	1.00 - 1.00	158.83	138.51	179.15	307.10	90.00	50.00 - 150.00
Terengganu	37.70	18.13	57.26	134.20	1.00	1.00 - 5.00	305.97	212.80	399.15	602.20	80.00	50.00 - 200.00
Sabah/Labuan	32.46	21.95	42.96	96.74	1.00	1.00 - 20.00	117.94	96.31	139.56	224.30	50.00	30.00 - 100.00
Sarawak	29.65	20.33	38.98	83.59	1.00	1.00 - 25.00	124.76	97.14	152.38	234.90	50.00	30.00 - 100.00
WP Kuala Lumpur	26.40	17.96	34.84	77.35	1.00	1.00 - 10.00	264.40	196.04	332.76	515.20	80.00	50.00 - 200.00
WP Putrajaya	30.39	19.71	41.07	68.43	1.00	0.00 - 50.00	145.68	102.61	188.75	309.00	90.00	50.00 - 100.00
Location												
Urban	19.74	16.89	22.59	77.86	1.00	1.00 - 2.00	175.44	161.34	189.55	354.40	73.00	50.00 - 150.00
Rural	18.65	13.31	24.00	74.18	1.00	1.00 - 1.00	137.72	124.77	150.68	285.00	50.00	40.00 - 150.00
Sex												
Male	22.29	18.94	25.64	81.45	1.00	1.00 - 5.00	176.57	162.12	191.02	356.90	70.00	50.00 - 200.00
Female	16.46	13.28	19.64	71.72	1.00	1.00 - 1.00	154.41	141.69	167.14	317.20	60.00	40.00 - 150.00
Age Group (Years)												
18-19	35.59	23.15	48.03	115.10	1.00	1.00 - 10.00	183.94	143.19	224.69	388.00	60.00	40.00 - 150.00
20-24	23.34	17.96	28.71	76.55	1.00	1.00 - 5.00	168.72	140.08	197.36	373.20	60.00	40.00 - 120.00
25-29	27.36	20.16	34.56	96.66	1.00	1.00 - 10.00	182.02	155.70	208.33	357.40	70.00	50.00 - 150.00
30-34	15.94	12.50	19.38	53.84	1.00	1.00 - 5.00	149.98	131.86	168.10	289.90	70.00	50.00 - 150.00
35-39	19.06	13.91	24.20	76.97	1.00	1.00 - 5.00	166.31	142.74	189.88	352.70	70.00	50.00 - 150.00
40-44	20.11	13.14	27.08	82.06	1.00	1.00 - 2.00	163.58	138.70	188.45	314.10	70.00	50.00 - 200.00
45-49	16.75	10.03	23.48	73.11	1.00	1.00 - 1.00	160.63	137.51	183.75	322.40	60.00	45.00 - 150.00
50-54	17.56	10.82	24.30	78.98	1.00	1.00 - 1.00	163.04	141.84	184.25	324.80	60.00	45.00 - 150.00
55-59	13.31	8.87	17.75	60.77	1.00	1.00 - 1.00	168.53	142.63	194.43	352.30	70.00	50.00 - 150.00
60-64	11.61	7.22	16.00	61.98	1.00	0.00 - 1.00	150.93	125.53	176.34	315.10	60.00	40.00 - 150.00
65-69	10.03	4.56	15.50	58.54	1.00	0.00 - 1.00	159.11	130.69	187.53	324.80	70.00	45.00 - 200.00
70-74	14.79	6.60	22.99	61.09	1.00	0.00 - 1.00	145.56	116.74	174.37	240.10	70.00	40.00 - 204.10
75+	10.87	4.53	17.22	53.72	1.00	0.00 - 1.00	191.04	144.57	237.50	380.00	70.00	50.00 - 204.10
Ethnicity[1]												
Malay	15.00	12.53	17.48	70.72	1.00	1.00 - 1.00	174.25	160.20	188.31	361.20	70.00	46.00 - 180.00
Chinese	20.45	14.77	26.13	80.24	1.00	1.00 - 2.00	188.84	160.36	217.31	359.30	90.00	50.00 - 200.00
Indian	15.16	9.45	20.88	63.69	1.00	1.00 - 1.00	172.74	138.75	206.73	353.60	70.00	50.00 - 150.00
Bumiputera Sabah	16.85	9.81	23.89	68.73	1.00	1.00 - 2.00	116.66	97.24	136.09	213.00	60.00	40.00 - 100.00
Bumiputera Sarawak	25.88	13.14	38.62	81.74	1.00	1.00 - 20.00	112.30	82.13	142.47	221.70	50.00	30.00 - 100.00
Orang Asli	17.91	(4.31)	40.13	47.00	1.00	1.00 - 1.00	415.69	278.13	553.26	708.10	70.00	50.00 - 300.00
Others	42.20	30.86	53.54	103.30	10.00	1.00 - 40.00	115.32	94.64	135.99	222.60	50.00	35.00 - 100.00
Citizenship												
Malaysian	17.10	14.84	19.36	72.59	1.00	1.00 - 1.00	168.47	157.03	179.92	342.60	70.00	50.00 - 150.00
Non-Malaysian	49.04	35.60	62.48	114.50	15.00	1.00 - 50.00	132.57	106.11	159.04	278.40	60.00	40.00 - 100.00

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**19.46**	**16.94**	**21.98**	**76.93**	**1.00**	**1.00 - 2.00**	**165.82**	**154.81**	**176.82**	**338.40**	**70.00**	**50.00 - 150.00**
Marital status												
Never married	24.27	19.55	28.99	84.28	1.00	1.00 - 5.00	171.26	151.04	191.49	362.10	70.00	50.00 - 150.00
Married	18.17	15.25	21.09	75.10	1.00	1.00 - 1.00	163.43	152.13	174.74	328.60	70.00	50.00 - 150.00
Widow/Widower/Divorcee	13.76	9.71	17.81	63.38	1.00	1.00 - 1.00	168.02	144.81	191.23	338.70	65.00	45.00 - 200.00
Education level[2]												
No formal education	22.27	12.75	31.80	77.06	1.00	1.00 - 10.00	127.89	107.70	148.08	231.40	50.00	35.00 - 150.00
Primary	17.08	13.09	21.07	66.53	1.00	1.00 - 5.00	140.05	125.59	154.52	286.10	60.00	35.00 - 150.00
Secondary	17.76	14.98	20.54	71.99	1.00	1.00 - 1.00	168.09	153.85	182.32	348.80	70.00	50.00 - 150.00
Tertiary	23.75	19.07	28.43	90.89	1.00	1.00 - 2.00	192.61	173.43	211.79	376.90	90.00	50.00 - 200.00
Unclassified	19.11	(2.68)	40.90	91.94	1.00	1.00 - 2.00	101.56	72.52	130.60	180.20	50.00	46.00 - 100.00
Occupation[3]												
Government /Semi-government employee	17.12	12.78	21.46	71.19	1.00	1.00 - 1.00	183.71	159.92	207.50	366.20	80.00	50.00 - 180.00
Private employee	23.37	19.06	27.69	82.59	1.00	1.00 - 10.00	166.69	151.78	181.60	330.00	70.00	50.00 - 150.00
Self-employed	19.10	14.39	23.80	80.58	1.00	1.00 - 1.00	158.22	140.85	175.59	326.80	60.00	45.00 - 150.00
Unpaid worker/homemaker	16.09	11.79	20.40	74.97	1.00	1.00 - 1.00	151.87	133.92	169.81	323.10	60.00	40.00 - 150.00
Retiree	10.49	6.78	14.20	40.58	1.00	0.00 - 1.00	183.52	144.63	222.40	381.20	80.00	50.00 - 200.00
Unemployed	14.22	10.30	18.15	65.65	1.00	1.00 - 1.00	148.83	131.77	165.90	295.00	60.00	40.00 - 200.00
Student	30.26	20.13	40.39	84.69	1.00	1.00 - 20.00	252.54	153.57	351.51	525.70	85.00	50.00 - 200.00
Household Income Group (RM)												
Less than RM1,000	19.98	13.66	26.30	80.12	1.00	1.00 - 1.00	140.02	123.84	156.19	279.70	60.00	40.00 - 150.00
RM1,000 – RM1,999	16.83	12.83	20.82	67.09	1.00	1.00 - 2.00	141.97	125.44	158.50	309.40	50.00	35.00 - 100.00
RM2,000 – RM2,999	20.04	14.84	25.24	80.57	1.00	1.00 - 3.00	151.52	132.63	170.40	317.70	60.00	40.00 - 150.00
RM3,000 – RM3,999	22.27	16.40	28.15	83.45	1.00	1.00 - 3.00	178.32	151.48	205.15	369.40	70.00	50.00 - 150.00
RM4,000 – RM4,999	16.67	12.40	20.94	60.93	1.00	1.00 - 1.00	164.62	137.87	191.38	331.10	70.00	50.00 - 150.00
RM5,000 – RM5,999	18.72	13.14	24.30	67.10	1.00	1.00 - 3.00	174.68	146.67	202.69	333.80	80.00	50.00 - 200.00
RM6,000 – RM6,999	12.23	8.15	16.32	42.47	1.00	1.00 - 1.00	178.58	144.91	212.25	336.90	80.00	50.00 - 150.00
RM7,000 – RM7,999	14.82	9.09	20.56	58.89	1.00	1.00 - 1.00	169.26	133.78	204.74	347.80	70.00	50.00 - 150.00
RM8,000 – RM8,999	26.95	14.13	39.76	109.10	1.00	1.00 - 2.00	240.06	150.78	329.35	479.60	90.00	50.00 - 200.00
RM9,000 – RM9,999	21.72	6.33	37.11	88.67	1.00	1.00 - 1.00	175.46	108.26	242.66	326.70	100.00	50.00 - 200.00
RM10,000 and above	25.63	15.91	35.35	99.66	1.00	1.00 - 5.00	214.03	184.24	243.83	395.90	100.00	50.00 - 200.00
Household Income Quintiles												
Q1 (20% poorest)	19.12	12.27	25.98	79.11	1.00	1.00 - 1.00	138.40	121.98	154.83	275.60	60.00	40.00 - 150.00
Q2	17.83	13.70	21.96	70.57	1.00	1.00 - 3.00	145.22	128.48	161.97	315.60	50.00	40.00 - 100.00
Q3	20.72	15.94	25.50	83.92	1.00	1.00 - 2.00	160.41	140.41	180.41	339.90	60.00	40.00 - 150.00
Q4	18.41	15.03	21.79	66.03	1.00	1.00 - 2.00	162.77	145.32	180.23	326.20	70.00	50.00 - 150.00
Q5 (20% richest)	20.50	16.33	24.67	82.09	1.00	1.00 - 2.00	195.53	175.62	215.45	378.20	90.00	50.00 - 200.00
Socieconomic Quintiles (based on HCD 2011)												
Q1 (20% poorest)	24.00	17.90	30.11	86.80	1.00	1.00 - 10.00	149.36	130.77	167.95	311.40	53.00	35.00 - 150.00
Q2	17.63	13.27	21.99	73.15	1.00	1.00 - 1.00	146.14	130.37	161.91	314.40	55.00	40.00 - 140.00
Q3	17.94	13.37	22.52	72.20	1.00	1.00 - 1.00	171.80	149.10	194.50	354.30	70.00	50.00 - 180.00
Q4	17.74	13.71	21.77	69.23	1.00	1.00 - 2.00	166.17	146.26	186.08	328.80	70.00	50.00 - 150.00
Q5 (20% richest)	19.69	15.09	24.29	81.04	1.00	1.00 - 1.00	196.68	175.15	218.21	378.10	90.00	50.00 - 200.00

Notes:

1. [1]not including "missing/not applicable"
2. "Count" = number of respondents who answered affirmative for this section, and this is not the total sample unless otherwise stated.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. Results shown in Ringgit Malaysia (RM)

Table 2.13: Perceived payment per visit, government and private providers for minor surgery, by SES

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**10.54**	**9.40**	**11.68**	**29.86**	**1.00**	**1.00 - 2.00**	**90.89**	**87.32**	**94.45**	**102.40**	**65.00**	**45.00 - 100.00**
State												
Johor	10.58	6.89	14.28	34.54	1.00	1.00 - 2.00	110.34	95.13	125.55	128.80	95.49	50.00 - 100.00
Kedah	4.51	2.53	6.49	16.73	1.00	1.00 - 1.00	69.42	61.41	77.43	68.93	50.00	30.00 - 95.49
Kelantan	2.89	1.82	3.96	14.47	1.00	1.00 - 1.00	59.66	54.95	64.36	47.60	50.00	35.00 - 75.00
Melaka	9.06	5.27	12.86	21.61	1.00	1.00 - 5.00	99.39	82.51	116.28	85.07	95.49	50.00 - 150.00
Negeri Sembilan	2.42	1.64	3.20	7.34	1.00	1.00 - 1.00	105.84	80.00	131.67	139.00	80.00	50.00 - 100.00
Pahang	9.95	6.36	13.54	27.05	1.00	1.00 - 1.00	113.82	100.16	127.48	120.70	95.49	50.00 - 120.00
Pulau Pinang	4.12	2.06	6.19	17.52	1.00	1.00 - 1.00	79.84	64.46	95.23	105.40	50.00	30.00 - 95.49
Perak	4.41	3.02	5.80	15.52	1.00	1.00 - 1.00	93.81	85.61	102.02	75.93	80.00	50.00 - 100.00
Perlis	3.34	1.73	4.94	12.66	1.00	1.00 - 1.00	65.20	59.04	71.36	64.24	55.00	45.00 - 70.00
Selangor	11.38	9.14	13.63	31.07	1.00	1.00 - 5.00	104.56	95.49	113.62	105.30	80.00	50.00 - 100.00
Terengganu	3.46	2.64	4.28	7.01	1.00	1.00 - 1.00	77.01	67.75	86.27	83.42	50.00	30.00 - 100.00
Sabah/Labuan	18.05	13.63	22.46	39.34	1.00	1.00 - 20.00	70.00	62.05	77.95	81.55	50.00	30.00 - 95.49
Sarawak	18.99	13.61	24.38	37.92	1.00	1.00 - 20.00	77.88	64.87	90.88	113.50	50.00	20.00 - 95.49
WP Kuala Lumpur	12.53	7.54	17.52	31.69	1.00	1.00 - 10.00	115.95	103.86	128.04	119.60	80.00	50.00 - 125.00
WP Putrajaya	17.59	12.69	22.49	33.29	1.00	0.00 - 20.00	87.25	75.00	99.49	65.10	95.49	40.00 - 100.00
Location												
Urban	11.00	9.66	12.34	31.04	1.00	1.00 - 2.00	95.96	91.49	100.42	106.00	70.00	50.00 - 100.00
Rural	9.19	7.02	11.36	26.08	1.00	1.00 - 1.00	76.04	71.21	80.87	89.50	50.00	30.00 - 95.49
Sex												
Male	10.78	9.40	12.17	29.66	1.00	1.00 - 3.00	91.45	87.28	95.63	101.20	70.00	50.00 - 100.00
Female	10.28	8.87	11.68	30.09	1.00	1.00 - 1.00	90.27	85.85	94.68	103.70	60.00	40.00 - 100.00
Age Group (Years)												
18-19	14.18	9.93	18.43	35.51	1.00	1.00 - 10.00	89.93	75.69	104.16	108.70	60.00	35.00 - 100.00
20-24	12.84	10.17	15.51	30.85	1.00	1.00 - 5.00	89.16	82.37	95.95	99.13	60.00	40.00 - 100.00
25-29	13.25	10.45	16.06	35.37	1.00	1.00 - 5.00	93.06	84.55	101.57	108.50	60.00	45.00 - 100.00
30-34	10.12	8.07	12.17	25.16	1.00	1.00 - 5.00	88.74	81.21	96.28	98.50	60.00	50.00 - 100.00
35-39	11.46	9.40	13.51	28.93	1.00	1.00 - 5.00	91.78	84.78	98.78	98.26	70.00	50.00 - 100.00
40-44	9.50	7.05	11.96	27.83	1.00	1.00 - 1.00	95.42	87.25	103.59	101.40	80.00	50.00 - 100.00
45-49	9.38	6.69	12.07	30.42	1.00	1.00 - 1.00	89.82	79.55	100.09	105.70	60.00	50.00 - 100.00
50-54	10.37	7.80	12.94	33.89	1.00	1.00 - 1.00	94.10	85.56	102.64	113.70	65.00	40.00 - 100.00
55-59	7.46	5.16	9.77	26.58	1.00	1.00 - 1.00	88.76	82.03	95.48	89.33	70.00	50.00 - 100.00
60-64	6.06	3.81	8.32	24.30	1.00	1.00 - 1.00	87.04	77.22	96.86	106.30	60.00	40.00 - 100.00
65-69	6.30	4.46	8.13	18.61	1.00	0.00 - 1.00	88.47	78.97	97.98	95.97	70.00	50.00 - 100.00
70-74	6.86	2.98	10.74	24.73	1.00	0.00 - 1.00	93.29	79.23	107.35	99.88	70.00	50.00 - 100.00
75+	6.63	2.94	10.32	27.00	1.00	0.00 - 1.00	89.69	77.52	101.86	103.30	75.00	50.00 - 100.00
Ethnicity[1]												
Malay	7.00	6.01	8.00	22.68	1.00	1.00 - 1.00	86.71	83.14	90.27	92.61	60.00	40.00 - 100.00
Chinese	12.60	9.78	15.42	37.62	1.00	1.00 - 2.00	112.13	102.79	121.48	122.10	80.00	50.00 - 100.00
Indian	9.67	6.98	12.36	28.22	1.00	1.00 - 1.00	107.46	95.72	119.20	120.50	80.00	50.00 - 100.00
Bumiputera Sabah	11.02	7.81	14.23	33.04	1.00	1.00 - 2.00	74.05	66.43	81.67	80.91	50.00	30.00 - 95.49
Bumiputera Sarawak	14.20	7.51	20.89	27.90	1.00	1.00 - 10.00	68.44	51.63	85.25	93.65	50.00	22.00 - 80.00
Orang Asli	0.99	0.67	1.32	0.83	1.00	1.00 - 1.00	74.52	63.13	85.92	40.63	60.00	50.00 - 100.00
Others	22.87	18.28	27.46	38.24	10.00	1.00 - 30.00	74.36	64.91	83.81	94.43	50.00	30.00 - 95.49
Citizenship												
Malaysian	9.09	8.03	10.16	28.08	1.00	1.00 - 1.00	91.54	87.89	95.19	101.90	70.00	48.00 - 100.00
Non-Malaysian	28.08	23.42	32.75	42.63	15.00	1.00 - 40.00	82.99	72.91	93.06	108.30	50.00	35.00 - 95.49

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**10.54**	**9.40**	**11.68**	**29.86**	**1.00**	**1.00 - 2.00**	**90.89**	**87.32**	**94.45**	**102.40**	**65.00**	**45.00 - 100.00**
Marital status												
Never married	12.48	10.41	14.55	32.45	1.00	1.00 - 5.00	93.40	86.86	99.94	107.40	60.00	40.00 - 100.00
Married	10.05	8.86	11.24	29.34	1.00	1.00 - 2.00	90.01	86.41	93.62	100.90	60.00	45.00 - 100.00
Widow/Widower/Divorcee	7.40	5.74	9.05	22.40	1.00	1.00 - 1.00	89.18	81.98	96.38	96.22	70.00	50.00 - 100.00
Education level [3]												
No formal education	11.62	7.94	15.31	30.55	1.00	1.00 - 5.00	73.44	65.79	81.10	80.89	50.00	30.00 - 95.49
Primary	11.56	9.24	13.88	30.59	1.00	1.00 - 5.00	85.42	79.72	91.12	103.80	60.00	40.00 - 100.00
Secondary	9.61	8.35	10.86	29.21	1.00	1.00 - 1.00	89.17	84.95	93.39	98.42	60.00	45.00 - 100.00
Tertiary	11.22	9.42	13.02	30.19	1.00	1.00 - 2.00	101.70	95.40	108.00	112.00	80.00	50.00 - 100.00
Unclassified	10.89	3.26	18.52	33.27	1.00	1.00 - 7.50	83.57	68.40	98.73	70.01	80.00	40.00 - 100.00
Occupation [3]												
Government /Semi-government employee	7.24	5.62	8.85	21.25	1.00	1.00 - 1.00	84.10	79.30	88.90	76.47	65.00	50.00 - 100.00
Private employee	12.88	11.14	14.62	31.97	1.00	1.00 - 10.00	98.11	92.43	103.79	112.80	70.00	50.00 - 100.00
Self-employed	9.18	7.42	10.94	29.45	1.00	1.00 - 1.00	87.48	80.97	94.00	97.07	60.00	40.00 - 100.00
Unpaid worker/homemaker	10.54	8.44	12.63	32.10	1.00	1.00 - 1.00	85.47	79.26	91.69	104.10	55.00	40.00 - 100.00
Retiree	6.96	3.51	10.42	28.24	1.00	0.00 - 1.00	94.78	83.91	105.65	102.90	70.00	50.00 - 100.00
Unemployed	8.07	6.28	9.86	26.45	1.00	1.00 - 1.00	82.63	77.27	88.00	91.92	60.00	40.00 - 99.00
Student	13.85	9.43	18.27	32.17	1.00	1.00 - 10.00	97.29	84.11	110.47	103.00	65.00	50.00 - 100.00
Household Income Group (RM)												
Less than RM1,000	8.53	6.49	10.58	26.62	1.00	1.00 - 1.00	79.93	73.86	86.00	96.72	50.00	35.00 - 95.49
RM1,000 – RM1,999	10.11	8.34	11.89	26.96	1.00	1.00 - 5.00	77.29	72.35	82.24	82.05	50.00	30.00 - 100.00
RM2,000 – RM2,999	11.60	8.85	14.35	32.15	1.00	1.00 - 2.00	86.96	80.15	93.77	100.00	60.00	40.00 - 100.00
RM3,000 – RM3,999	11.24	8.78	13.70	32.01	1.00	1.00 - 2.00	90.23	83.42	97.04	102.90	60.00	45.00 - 100.00
RM4,000 – RM4,999	10.82	8.23	13.40	29.11	1.00	1.00 - 2.00	93.68	84.37	103.00	105.80	70.00	50.00 - 100.00
RM5,000 – RM5,999	11.09	7.95	14.22	28.06	1.00	1.00 - 3.00	96.95	85.65	108.25	103.60	70.00	50.00 - 100.00
RM6,000 – RM6,999	8.96	5.61	12.31	23.36	1.00	1.00 - 1.00	99.53	85.25	113.80	107.40	70.00	50.00 - 100.00
RM7,000 – RM7,999	11.23	5.41	17.05	34.79	1.00	1.00 - 2.00	97.87	81.55	114.20	112.80	80.00	50.00 - 100.00
RM8,000 – RM8,999	9.62	5.92	13.31	31.71	1.00	1.00 - 5.00	98.31	87.47	109.14	97.88	80.00	50.00 - 100.00
RM9,000 – RM9,999	10.56	5.06	16.07	29.15	1.00	1.00 - 2.00	104.59	87.65	121.54	90.76	80.00	50.00 - 120.00
RM10,000 and above	11.47	8.38	14.55	34.26	1.00	1.00 - 2.00	118.18	105.10	131.26	129.90	90.00	50.00 - 100.00
Household Income Quintiles												
Q1 (20% poorest)	8.38	6.38	10.38	25.72	1.00	1.00 - 1.00	80.16	73.68	86.65	97.24	50.00	35.00 - 95.49
Q2	9.86	8.14	11.59	27.45	1.00	1.00 - 3.00	76.05	71.17	80.93	81.00	50.00	30.00 - 95.49
Q3	11.18	8.86	13.49	30.54	1.00	1.00 - 2.00	87.76	82.03	93.48	97.58	60.00	40.00 - 100.00
Q4	11.66	9.68	13.63	32.17	1.00	1.00 - 2.00	92.94	86.90	98.99	107.00	70.00	50.00 - 100.00
Q5 (20% richest)	10.46	8.76	12.15	30.36	1.00	1.00 - 2.00	104.46	97.78	111.14	113.40	80.00	50.00 - 100.00
Socioeconomic Quintiles (based on HCD 2011)												
Q1 (20% poorest)	13.19	10.24	16.15	33.47	1.00	1.00 - 10.00	79.16	72.64	85.67	97.36	50.00	30.00 - 95.49
Q2	9.85	8.02	11.67	29.21	1.00	1.00 - 1.00	80.99	75.53	86.44	93.68	50.00	40.00 - 100.00
Q3	9.57	7.62	11.53	29.45	1.00	1.00 - 1.00	87.93	82.32	93.54	97.01	60.00	45.00 - 100.00
Q4	9.65	7.92	11.38	27.47	1.00	1.00 - 2.00	95.69	89.43	101.95	104.40	70.00	50.00 - 100.00
Q5 (20% richest)	10.34	8.52	12.16	29.15	1.00	1.00 - 2.00	110.70	103.03	118.36	115.10	90.00	50.00 - 100.00

Notes:

[2] *not including "missing/not applicable"*

[3] *"Count" = number of respondents who answered affirmative for this section, and this is not the total sample unless otherwise stated.*

[4] *CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit*

[5] *Results shown in Ringgit Malaysia (RM)*

Table 2.14: Perceived payment per visit, government and private providers for major surgery, by SES

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**2,143.87**	**1,967.54**	**2,320.19**	**4,278.00**	**300.00**	**10.00 - 1,500.00**	**13,123.55**	**12,346.89**	**13,900.21**	**18,414.00**	**5,000.00**	**1,000.00 - 15,000.00**
State												
Johor	2,277.77	1,781.71	2,773.83	4,244.00	200.00	1.00 - 2,000.00	14,355.07	12,640.57	16,069.58	17,685.00	9,000.00	1,500.00 - 15,000.00
Kedah	3,056.83	2,122.73	3,990.94	4,978.00	300.00	1.00 - 5,000.00	14,607.82	11,858.61	17,357.03	17,132.00	14,499.00	2,000.00 - 18,000.00
Kelantan	2,693.53	2,175.30	3,211.76	4,785.00	100.00	1.00 - 3,000.00	12,425.54	10,807.18	14,043.91	16,520.00	5,000.00	1,000.00 - 17,000.00
Melaka	6,762.68	4,532.29	8,993.06	6,294.00	5,000.00	1,000.00 - 10,000.00	22,868.89	17,871.93	27,865.84	17,001.00	20,000.00	10,000.00 - 30,000.00
Negeri Sembilan	1,113.69	578.87	1,648.51	2,655.00	200.00	1.00 - 1,000.00	14,530.08	9,827.67	19,232.49	17,771.00	6,000.00	1,000.00 - 25,000.00
Pahang	2,036.55	1,218.29	2,854.82	4,672.00	100.00	1.00 - 1,000.00	11,766.76	7,919.12	15,614.40	18,711.00	3,000.00	1,000.00 - 14,499.00
Pulau Pinang	873.00	516.71	1,229.29	2,507.00	100.00	1.00 - 500.00	10,025.96	7,368.93	12,682.99	16,437.00	2,000.00	100.00 - 12,000.00
Perak	1,291.01	882.30	1,699.72	3,220.00	150.00	1.00 - 1,000.00	13,786.11	11,434.67	16,137.55	18,011.00	4,000.00	1,500.00 - 20,000.00
Perlis	7,140.16	5,305.01	8,975.31	7,024.00	7,000.00	1.00 - 10,000.00	30,896.69	24,175.51	37,617.86	24,437.00	30,000.00	5,000.00 - 50,000.00
Selangor	2,358.42	1,934.22	2,782.61	4,341.00	500.00	10.00 - 2,000.00	17,645.00	15,899.74	19,390.27	20,238.00	10,000.00	2,000.00 - 30,000.00
Terengganu	2,125.19	1,849.63	2,400.76	2,745.00	500.00	100.00 - 5,000.00	7,174.40	5,968.00	8,380.81	9,258.00	5,000.00	1,200.00 - 10,000.00
Sabah/Labuan	1,045.23	828.24	1,262.22	2,890.00	100.00	15.00 - 800.00	4,851.90	3,812.37	5,891.44	10,684.00	900.00	100.00 - 5,000.00
Sarawak	1,226.56	477.29	1,975.83	3,349.00	300.00	100.00 - 600.00	5,920.72	3,115.71	8,725.73	14,077.00	1,000.00	250.00 - 5,000.00
WP Kuala Lumpur	5,369.21	4,613.95	6,124.48	6,282.00	1,000.00	500.00 - 10,000.00	29,408.14	25,444.82	33,371.46	23,503.00	25,000.00	8,000.00 - 50,000.00
WP Putrajaya	4,551.57	3,032.42	6,070.72	6,349.00	1,000.00	100.00 - 10,000.00	13,066.45	10,254.31	15,878.60	13,954.00	10,000.00	1,000.00 - 21,000.00
Location												
Urban	2,246.69	2,050.69	2,442.69	4,304.00	300.00	10.00 - 2,000.00	14,546.32	13,623.44	15,469.19	19,201.00	5,000.00	1,000.00 - 20,000.00
Rural	1,840.18	1,447.54	2,232.81	4,186.00	200.00	1.00 - 1,000.00	8,923.98	7,538.16	10,309.79	15,105.00	2,000.00	500.00 - 10,000.00
Sex												
Male	2,104.46	1,869.51	2,339.41	4,215.00	300.00	10.00 - 1,500.00	13,569.08	12,564.94	14,573.22	18,466.00	5,000.00	1,000.00 - 20,000.00
Female	2,185.41	1,996.47	2,374.36	4,343.00	300.00	5.00 - 1,200.00	12,652.52	11,811.47	13,493.58	18,350.00	4,000.00	1,000.00 - 15,000.00
Age Group (Years)												
18-19	2,354.93	1,746.82	2,963.04	4,694.00	300.00	50.00 - 1,000.00	11,654.77	9,336.82	13,972.73	18,821.00	2,000.00	500.00 - 14,499.00
20-24	1,907.46	1,595.35	2,219.56	3,920.00	300.00	50.00 - 1,000.00	11,082.79	9,692.79	12,472.78	16,474.00	3,000.00	500.00 - 14,499.00
25-29	2,462.29	2,138.99	2,785.60	4,540.00	500.00	50.00 - 2,000.00	13,227.15	11,743.23	14,711.07	19,221.00	3,500.00	1,000.00 - 15,000.00
30-34	2,087.41	1,712.78	2,462.03	4,034.00	500.00	20.00 - 1,500.00	12,900.63	11,131.70	14,669.57	18,496.00	5,000.00	1,000.00 - 15,000.00
35-39	2,328.52	1,889.13	2,767.90	4,698.00	300.00	10.00 - 1,000.00	14,107.49	12,191.40	16,023.58	19,802.00	5,000.00	1,000.00 - 20,000.00
40-44	2,284.40	1,911.55	2,657.25	4,423.00	300.00	20.00 - 2,000.00	14,457.76	12,715.81	16,199.70	18,730.00	6,000.00	1,000.00 - 20,000.00
45-49	2,168.90	1,824.03	2,513.78	4,371.00	300.00	5.00 - 1,000.00	13,448.51	11,846.47	15,050.55	18,156.00	4,000.00	1,000.00 - 20,000.00
50-54	2,316.10	1,884.03	2,748.16	4,366.00	350.00	15.00 - 2,000.00	14,544.06	12,907.79	16,180.34	19,122.00	5,000.00	1,000.00 - 20,000.00
55-59	2,034.32	1,698.78	2,369.85	4,134.00	200.00	1.00 - 1,500.00	14,441.08	12,923.08	15,959.09	19,031.00	5,000.00	1,000.00 - 20,000.00
60-64	1,913.45	1,463.47	2,363.42	4,134.00	100.00	1.00 - 1,000.00	12,522.43	10,588.06	14,456.81	18,004.00	5,000.00	1,000.00 - 14,499.00
65-69	1,535.33	1,110.16	1,960.51	3,617.00	100.00	0.00 - 1,000.00	12,311.43	10,301.19	14,321.67	16,559.00	5,000.00	1,000.00 - 15,000.00
70-74	1,673.06	1,154.14	2,191.99	3,872.00	100.00	0.00 - 1,000.00	13,137.52	10,433.15	15,841.89	15,892.00	10,000.00	1,000.00 - 15,000.00
75+	1,617.55	1,107.36	2,127.73	3,753.00	50.00	0.00 - 1,000.00	12,731.85	10,452.56	15,011.14	16,968.00	5,000.00	1,000.00 - 15,000.00
Ethnicity[1]												
Malay	2,426.68	2,205.39	2,647.98	4,584.00	300.00	1.00 - 2,000.00	13,954.66	13,056.58	14,852.74	18,393.00	5,000.00	1,000.00 - 20,000.00
Chinese	2,254.70	1,868.42	2,640.98	4,190.00	500.00	15.00 - 2,000.00	16,570.52	14,848.46	18,292.59	20,206.00	8,000.00	1,000.00 - 25,000.00
Indian	2,433.28	1,944.58	2,921.99	4,593.00	500.00	10.00 - 2,000.00	18,651.82	16,075.98	21,227.66	21,475.00	10,000.00	2,000.00 - 30,000.00
Bumiputera Sabah	1,282.45	1,054.54	1,510.36	3,010.00	150.00	5.00 - 1,000.00	6,521.91	5,319.04	7,724.79	11,483.00	2,000.00	250.00 - 9,000.00
Bumiputera Sarawak	1,079.96	284.73	1,875.20	3,161.00	250.00	100.00 - 500.00	4,681.35	1,795.76	7,566.95	11,083.00	1,000.00	200.00 - 3,500.00
Orang Asli	217.68	(20.88)	456.24	429.50	1.00	1.00 - 100.00	7,317.01	495.32	14,138.69	14,293.00	2,000.00	1,000.00 - 5,000.00
Others	1,456.73	887.24	2,026.22	3,642.00	150.00	20.00 - 1,000.00	6,470.51	4,307.54	8,633.48	13,952.00	800.00	100.00 - 5,000.00
Citizenship												
Malaysian	2,189.00	2,017.08	2,360.92	4,308.00	300.00	1.00 - 1,500.00	13,652.07	12,878.24	14,425.90	18,621.00	5,000.00	1,000.00 - 20,000.00
Non-Malaysian	1,619.29	981.95	2,256.63	3,878.00	200.00	30.00 - 1,000.00	6,988.97	4,648.72	9,329.22	14,484.00	1,000.00	100.00 - 5,000.00

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**2,143.87**	**1,967.54**	**2,320.19**	**4,278.00**	**300.00**	**10.00 - 1,500.00**	**13,123.55**	**12,346.89**	**13,900.21**	**18,414.00**	**5,000.00**	**1,000.00 - 15,000.00**
Marital status												
Never married	2,285.41	1,999.28	2,571.55	4,415.00	500.00	50.00 - 1,500.00	12,997.24	11,837.02	14,157.46	18,492.00	5,000.00	800.00 - 15,000.00
Married	2,118.69	1,929.59	2,307.79	4,249.00	300.00	1.00 - 1,200.00	13,211.87	12,357.80	14,065.94	18,480.00	5,000.00	1,000.00 - 15,000.00
Widow/Widower/Divorcee	1,800.08	1,471.92	2,128.24	3,943.00	200.00	1.00 - 1,000.00	12,758.03	11,180.81	14,335.26	17,395.00	5,000.00	1,000.00 - 15,000.00
Education level[1]												
No formal education	1,059.13	806.87	1,311.39	2,825.00	100.00	1.00 - 500.00	7,646.51	6,108.45	9,184.56	14,293.00	1,300.00	200.00 - 10,000.00
Primary	1,655.77	1,384.67	1,926.88	3,806.00	200.00	1.00 - 1,000.00	10,151.25	9,020.93	11,281.57	16,378.00	2,000.00	500.00 - 14,499.00
Secondary	2,047.27	1,839.83	2,254.70	4,125.00	300.00	5.00 - 1,000.00	12,622.71	11,678.86	13,566.57	17,838.00	5,000.00	1,000.00 - 15,000.00
Tertiary	2,902.92	2,625.63	3,180.20	4,969.00	500.00	40.00 - 3,000.00	17,365.99	16,170.41	18,561.58	20,742.00	10,000.00	1,500.00 - 25,000.00
Unclassified	1,496.58	906.37	2,086.79	2,928.00	200.00	35.00 - 2,000.00	9,270.82	5,709.08	12,832.55	11,094.00	4,000.00	500.00 - 15,000.00
Occupation[1]												
Government /Semi-government employee	2,681.50	2,302.67	3,060.33	4,975.00	300.00	1.00 - 2,000.00	15,428.07	13,909.36	16,946.78	18,912.00	8,000.00	1,500.00 - 20,000.00
Private employee	2,191.78	1,921.25	2,462.31	4,199.00	400.00	40.00 - 1,800.00	13,695.85	12,444.37	14,947.33	19,099.00	5,000.00	500.00 - 20,000.00
Self-employed	2,066.61	1,767.30	2,365.91	4,120.00	300.00	10.00 - 1,500.00	12,125.05	10,905.18	13,344.92	17,074.00	5,000.00	1,000.00 - 15,000.00
Unpaid worker/homemaker	2,010.39	1,704.28	2,316.50	4,222.00	200.00	10.00 - 1,000.00	11,425.64	10,073.61	12,777.66	18,333.00	3,000.00	500.00 - 14,499.00
Retiree	2,072.13	1,520.61	2,623.65	4,449.00	100.00	0.00 - 1,500.00	17,622.98	15,029.01	20,216.95	20,267.00	10,000.00	2,000.00 - 25,000.00
Unemployed	1,638.82	1,375.34	1,902.29	3,786.00	150.00	1.00 - 1,000.00	10,805.96	9,606.99	12,004.93	15,996.00	3,000.00	600.00 - 14,499.00
Student	2,685.24	1,923.53	3,446.95	4,921.00	500.00	100.00 - 2,000.00	15,426.71	12,271.26	18,582.16	20,074.00	5,000.00	1,000.00 - 20,000.00
Household Income Group (RM)												
Less than RM1,000	1,788.31	1,375.51	2,201.12	4,107.00	200.00	1.00 - 1,000.00	10,109.21	8,573.55	11,644.87	16,299.00	2,500.00	500.00 - 14,499.00
RM1,000 – RM1,999	1,744.03	1,489.91	1,998.15	3,772.00	200.00	10.00 - 1,000.00	9,992.81	8,829.66	11,155.96	16,213.00	2,500.00	500.00 - 14,499.00
RM2,000 – RM2,999	1,970.00	1,668.74	2,271.27	4,034.00	250.00	10.00 - 1,000.00	11,193.62	9,836.17	12,551.07	17,149.00	3,000.00	500.00 - 14,499.00
RM3,000 – RM3,999	2,153.83	1,803.91	2,503.75	4,283.00	350.00	18.00 - 1,000.00	12,976.93	11,417.77	14,536.08	17,897.00	5,000.00	1,000.00 - 15,000.00
RM4,000 – RM4,999	2,120.59	1,791.96	2,449.21	4,016.00	400.00	20.00 - 1,500.00	13,308.22	11,445.43	15,171.01	18,413.00	5,000.00	1,000.00 - 15,000.00
RM5,000 – RM5,999	2,407.96	1,940.26	2,875.65	4,594.00	300.00	10.00 - 2,000.00	16,040.49	13,876.85	18,204.13	20,418.00	5,000.00	1,000.00 - 25,000.00
RM6,000 – RM6,999	2,202.13	1,669.09	2,735.17	4,187.00	500.00	1.00 - 2,000.00	15,015.25	12,440.57	17,589.92	18,865.00	7,000.00	1,000.00 - 20,000.00
RM7,000 – RM7,999	2,369.05	1,694.59	3,043.50	4,605.00	500.00	10.00 - 2,000.00	15,969.34	13,010.55	18,928.12	19,690.00	7,000.00	1,500.00 - 20,000.00
RM8,000 – RM8,999	2,294.12	1,641.22	2,947.03	4,551.00	300.00	1.00 - 2,000.00	15,822.30	12,834.33	18,810.26	19,900.00	8,000.00	1,600.00 - 20,000.00
RM9,000 – RM9,999	3,633.54	2,086.28	5,180.79	5,497.00	1,000.00	100.00 - 5,000.00	18,106.49	13,428.54	22,784.43	19,575.00	10,000.00	3,000.00 - 25,000.00
RM10,000 and above	2,910.27	2,373.23	3,447.32	4,991.00	500.00	1.00 - 3,000.00	19,066.03	16,684.39	21,447.67	21,386.00	10,000.00	2,000.00 - 30,000.00
Household Income Quintiles												
Q1 (20% poorest)	1,852.31	1,389.73	2,314.89	4,231.00	200.00	1.00 - 1,000.00	10,362.95	8,647.51	12,078.39	16,502.00	2,500.00	500.00 - 14,499.00
Q2	1,649.24	1,411.20	1,887.28	3,620.00	200.00	10.00 - 1,000.00	9,777.86	8,655.54	10,900.19	16,056.00	2,000.00	500.00 - 10,000.00
Q3	2,084.60	1,794.77	2,374.44	4,182.00	300.00	15.00 - 1,000.00	11,673.71	10,454.23	12,893.19	17,301.00	3,000.00	500.00 - 14,499.00
Q4	2,120.14	1,869.07	2,371.21	4,178.00	300.00	15.00 - 1,000.00	13,361.74	12,103.33	14,620.15	18,563.00	5,000.00	1,000.00 - 15,000.00
Q5 (20% richest)	2,581.34	2,298.79	2,863.89	4,706.00	500.00	2.00 - 2,000.00	16,789.64	15,573.92	18,005.36	20,194.00	9,000.00	1,500.00 - 25,000.00
Socioeconomic Quintiles (based on HCD 2011)												
Q1 (20% poorest)	1,486.02	1,174.07	1,797.97	3,566.00	200.00	10.00 - 1,000.00	8,035.74	6,800.06	9,271.41	14,552.00	2,000.00	400.00 - 10,000.00
Q2	1,968.10	1,650.88	2,285.33	4,146.00	200.00	5.00 - 1,000.00	11,085.87	9,727.59	12,444.15	17,119.00	3,000.00	500.00 - 14,499.00
Q3	2,142.67	1,897.92	2,387.42	4,207.00	250.00	1.00 - 1,500.00	13,132.63	12,033.63	14,231.63	18,075.00	5,000.00	1,000.00 - 15,000.00
Q4	2,447.38	2,152.85	2,741.92	4,567.00	500.00	12.00 - 2,000.00	15,228.79	13,837.56	16,620.01	19,444.00	6,000.00	1,000.00 - 20,000.00
Q5 (20% richest)	2,668.21	2,308.97	3,027.46	4,709.00	500.00	10.00 - 3,000.00	18,018.35	16,568.78	19,467.92	20,608.00	10,000.00	2,000.00 - 30,000.00

Notes:

1. [1]not including "missing/not applicable"
2. "Count" = number of respondents who answered affirmative for this section, and this is not the total sample unless otherwise stated.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. Results shown in Ringgit Malaysia (RM)

Table 2.15: Perceived payment per visit, government and private providers for dental treatment, by SES

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**8.33**	**7.03**	**9.64**	**38.91**	**1.00**	**1.00 - 2.00**	**96.15**	**92.05**	**100.25**	**120.10**	**70.00**	**50.00 - 100.00**
State												
Johor	6.91	3.90	9.93	34.75	1.00	1.00 - 2.00	103.26	91.23	115.28	126.20	80.00	50.00 - 100.00
Kedah	3.73	2.19	5.26	16.39	1.00	1.00 - 2.00	79.48	71.32	87.64	82.61	60.00	50.00 - 97.84
Kelantan	2.81	1.90	3.71	8.97	1.00	1.00 - 1.00	54.37	51.83	56.91	30.92	50.00	40.00 - 60.00
Melaka	2.57	1.80	3.33	11.28	1.00	1.00 - 2.00	88.51	74.66	102.36	92.44	70.00	50.00 - 100.00
Negeri Sembilan	7.29	(0.89)	15.47	54.76	1.00	1.00 - 2.00	98.96	73.09	124.83	143.30	70.00	50.00 - 100.00
Pahang	3.90	2.23	5.58	18.75	1.00	1.00 - 1.00	87.96	79.71	96.21	87.12	70.00	50.00 - 100.00
Pulau Pinang	2.73	1.68	3.78	7.64	1.00	1.00 - 1.00	78.46	64.75	92.17	83.77	60.00	40.00 - 100.00
Perak	1.86	1.38	2.34	8.21	1.00	1.00 - 1.00	89.28	83.95	94.61	68.86	75.00	50.00 - 100.00
Perlis	3.21	1.34	5.07	14.50	1.00	1.00 - 1.00	78.65	67.98	89.33	86.70	60.00	50.00 - 90.00
Selangor	13.45	8.64	18.26	62.98	1.00	1.00 - 2.00	136.59	122.27	150.92	166.00	80.00	60.00 - 120.00
Terengganu	1.91	1.63	2.19	4.38	1.00	1.00 - 2.00	75.21	69.70	80.72	74.89	60.00	50.00 - 80.00
Sabah/Labuan	12.88	8.52	17.24	41.85	1.00	1.00 - 10.00	75.38	65.48	85.29	107.00	50.00	30.00 - 97.84
Sarawak	11.89	8.63	15.15	24.48	1.00	1.00 - 10.00	64.38	56.96	71.80	84.23	50.00	30.00 - 80.00
WP Kuala Lumpur	12.37	8.07	16.68	42.08	1.00	1.00 - 5.00	139.45	119.72	159.17	149.60	100.00	70.00 - 150.00
WP Putrajaya	17.39	11.75	23.03	33.43	1.00	0.00 - 20.00	112.49	94.92	130.06	119.60	100.00	50.00 - 150.00
Location												
Urban	8.62	7.06	10.17	41.05	1.00	1.00 - 2.00	103.87	98.59	109.15	128.00	80.00	50.00 - 100.00
Rural	7.46	5.12	9.81	31.42	1.00	1.00 - 2.00	72.41	68.72	76.11	87.40	50.00	40.00 - 90.00
Sex												
Male	8.82	7.29	10.35	38.54	1.00	1.00 - 2.00	98.76	93.19	104.34	127.80	70.00	50.00 - 100.00
Female	7.83	6.30	9.36	39.29	1.00	1.00 - 2.00	93.45	89.37	97.54	111.50	70.00	50.00 - 100.00
Age Group (Years)												
18-19	18.33	10.85	25.82	70.72	1.00	1.00 - 2.00	106.02	87.28	124.76	180.00	60.00	50.00 - 100.00
20-24	9.48	6.93	12.04	37.83	1.00	1.00 - 2.00	96.03	87.80	104.26	131.70	70.00	50.00 - 100.00
25-29	10.61	6.72	14.49	46.54	1.00	1.00 - 2.00	99.30	90.28	108.33	127.20	70.00	50.00 - 100.00
30-34	9.21	6.74	11.68	36.65	1.00	1.00 - 3.00	96.05	88.35	103.76	102.70	70.00	50.00 - 100.00
35-39	7.31	5.28	9.33	26.36	1.00	1.00 - 2.00	96.28	89.18	103.37	104.80	75.00	50.00 - 100.00
40-44	7.24	4.14	10.34	37.75	1.00	1.00 - 2.00	92.09	85.24	98.95	98.25	80.00	50.00 - 100.00
45-49	6.74	3.90	9.57	35.81	1.00	1.00 - 2.00	87.01	79.76	94.26	91.84	70.00	50.00 - 100.00
50-54	7.95	4.63	11.27	47.48	1.00	1.00 - 2.00	94.92	85.58	104.26	114.70	70.00	50.00 - 100.00
55-59	4.71	3.46	5.95	20.81	1.00	1.00 - 2.00	99.79	89.06	110.52	121.30	70.00	50.00 - 100.00
60-64	4.58	3.10	6.07	21.39	1.00	1.00 - 2.00	91.86	82.11	101.62	116.30	70.00	50.00 - 97.84
65-69	2.72	1.88	3.57	10.01	1.00	0.00 - 1.00	100.49	84.01	116.97	143.60	70.00	50.00 - 100.00
70-74	2.69	1.47	3.91	8.56	1.00	0.00 - 1.00	85.91	75.42	96.40	92.55	70.00	50.00 - 97.84
75+	8.91	3.19	14.63	49.15	1.00	0.00 - 1.00	113.69	93.92	133.46	171.80	70.00	50.00 - 97.84
Ethnicity[1]												
Malay	5.07	4.11	6.03	27.82	1.00	1.00 - 2.00	92.31	87.41	97.21	109.90	70.00	50.00 - 100.00
Chinese	9.92	5.86	13.98	48.76	1.00	1.00 - 2.00	113.04	104.69	121.39	134.10	80.00	50.00 - 100.00
Indian	9.57	5.69	13.45	51.79	1.00	1.00 - 2.00	124.26	107.16	141.37	160.70	80.00	50.00 - 100.00
Bumiputera Sabah	5.84	4.29	7.39	22.03	1.00	1.00 - 2.00	83.87	68.74	99.00	114.40	60.00	45.00 - 90.00
Bumiputera Sarawak	9.58	4.51	14.65	22.43	1.00	1.00 - 3.00	62.24	52.51	71.97	78.84	50.00	30.00 - 80.00
Orang Asli	0.96	0.62	1.30	0.59	1.00	1.00 - 1.00	76.29	64.15	88.44	53.31	56.00	50.00 - 100.00
Others	22.82	16.99	28.64	59.56	5.00	1.00 - 25.00	79.71	69.17	90.26	114.90	60.00	30.00 - 97.84
Citizenship												
Malaysian	6.93	5.68	8.19	36.28	1.00	1.00 - 2.00	96.78	92.56	101.01	119.40	70.00	50.00 - 100.00
Non-Malaysian	26.20	19.96	32.43	60.84	10.00	1.00 - 30.00	88.03	77.15	98.92	128.70	60.00	40.00 - 97.84

Sociodemographic Characteristics	Government						Private					
	Mean	95% CI		SD	Median	IQR	Mean	95% CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**8.33**	**7.03**	**9.64**	**38.91**	**1.00**	**1.00 – 2.00**	**96.15**	**92.05**	**100.25**	**120.10**	**70.00**	**50.00 – 100.00**
Marital status												
Never married	11.41	8.52	14.29	49.54	1.00	1.00 – 2.00	102.02	95.40	108.65	139.50	70.00	50.00 – 100.00
Married	7.42	6.25	8.59	34.61	1.00	1.00 – 2.00	93.93	89.49	98.36	111.30	70.00	50.00 – 100.00
Widow/Widower/Divorcee	4.80	2.80	6.80	27.46	1.00	1.00 – 2.00	94.24	84.36	104.12	118.00	70.00	50.00 – 97.84
Education level[1]												
No formal education	11.14	4.94	17.34	44.79	1.00	1.00 – 2.00	82.41	70.84	93.98	127.70	50.00	40.00 – 97.84
Primary	7.56	5.34	9.79	30.07	1.00	1.00 – 2.00	82.15	76.13	88.17	105.90	60.00	40.00 – 97.84
Secondary	6.99	5.68	8.30	35.03	1.00	1.00 – 2.00	92.26	87.65	96.86	110.90	70.00	50.00 – 100.00
Tertiary	10.07	7.43	12.72	45.05	1.00	1.00 – 2.00	115.24	107.53	122.95	138.30	80.00	50.00 – 100.00
Unclassified	22.40	3.40	41.40	95.04	1.00	1.00 – 3.00	97.67	68.43	126.90	151.50	60.00	50.00 – 97.84
Occupation[1]												
Government /Semi-government employee	5.87	4.62	7.13	18.94	1.00	1.00 – 2.00	104.57	95.08	114.06	117.10	80.00	50.00 – 100.00
Private employee	11.05	8.62	13.49	47.43	1.00	1.00 – 2.00	98.09	92.93	103.24	116.70	75.00	50.00 – 100.00
Self-employed	5.94	4.09	7.80	32.12	1.00	1.00 – 2.00	89.18	82.57	95.80	108.60	65.00	50.00 – 97.84
Unpaid worker/homemaker	5.91	4.40	7.42	28.79	1.00	1.00 – 2.00	83.95	78.69	89.21	100.80	60.00	50.00 – 97.84
Retiree	7.12	1.79	12.45	40.75	1.00	0.00 – 1.00	108.45	90.80	126.10	159.40	70.00	50.00 – 100.00
Unemployed	6.04	4.43	7.65	29.23	1.00	1.00 – 2.00	94.14	85.35	102.93	127.00	65.00	50.00 – 97.84
Student	16.99	8.99	24.99	64.48	1.00	1.00 – 3.00	130.93	104.92	156.94	195.20	80.00	50.00 – 100.00
Household Income Group (RM)												
Less than RM1,000	6.49	4.65	8.34	26.38	1.00	1.00 – 2.00	82.48	75.81	89.15	106.00	60.00	45.00 – 97.84
RM1,000 – RM1,999	8.44	6.20	10.68	38.29	1.00	1.00 – 2.00	76.26	70.65	81.86	92.25	60.00	40.00 – 90.00
RM2,000 – RM2,999	8.88	5.81	11.95	43.51	1.00	1.00 – 2.00	91.86	83.94	99.79	127.20	60.00	50.00 – 97.84
RM3,000 – RM3,999	6.43	4.87	8.00	25.76	1.00	1.00 – 2.00	90.16	83.93	96.38	98.64	70.00	50.00 – 100.00
RM4,000 – RM4,999	6.71	4.83	8.60	28.39	1.00	1.00 – 2.00	94.83	86.90	102.77	105.70	70.00	50.00 – 100.00
RM5,000 – RM5,999	7.62	5.41	9.83	27.12	1.00	1.00 – 2.00	96.94	87.58	106.31	110.40	70.00	50.00 – 100.00
RM6,000 – RM6,999	8.35	2.82	13.88	42.15	1.00	1.00 – 2.00	107.50	93.01	121.99	131.40	80.00	50.00 – 100.00
RM7,000 – RM7,999	9.83	4.44	15.22	47.04	1.00	1.00 – 2.00	118.08	101.42	134.74	151.00	80.00	50.00 – 120.00
RM8,000 – RM8,999	9.46	3.73	15.19	52.03	1.00	1.00 – 2.00	114.93	98.28	131.58	128.10	80.00	50.00 – 100.00
RM9,000 – RM9,999	13.87	3.72	24.02	60.76	1.00	1.00 – 2.00	133.12	98.78	167.46	148.10	90.00	60.00 – 120.00
RM10,000 and above	12.73	3.71	21.75	58.31	1.00	1.00 – 2.00	138.07	122.04	154.10	166.90	97.84	60.00 – 130.00
Household Income Quintiles												
Q1 (20% poorest)	6.15	4.54	7.77	23.50	1.00	1.00 – 2.00	83.66	76.20	91.12	109.90	60.00	45.00 – 97.84
Q2	8.71	6.45	10.96	39.59	1.00	1.00 – 2.00	75.31	70.03	80.59	86.56	60.00	40.00 – 90.00
Q3	8.06	5.60	10.52	40.22	1.00	1.00 – 2.00	92.50	85.55	99.46	123.80	65.00	50.00 – 97.84
Q4	7.02	5.68	8.36	26.91	1.00	1.00 – 2.00	93.74	88.02	99.46	108.30	70.00	50.00 – 100.00
Q5 (20% richest)	10.10	6.91	13.30	48.53	1.00	1.00 – 2.00	117.31	109.16	125.45	141.20	80.00	50.00 – 100.00
Socioeconomic Quintiles (based on HCD 2011)												
Q1 (20% poorest)	8.83	6.12	11.55	36.09	1.00	1.00 – 2.00	76.45	70.58	82.33	103.40	50.00	40.00 – 90.00
Q2	6.01	4.95	7.07	21.20	1.00	1.00 – 2.00	77.98	73.07	82.90	84.87	60.00	50.00 – 97.84
Q3	8.99	5.48	12.49	47.25	1.00	1.00 – 2.00	90.76	84.81	96.70	106.00	70.00	50.00 – 100.00
Q4	7.78	6.06	9.51	34.74	1.00	1.00 – 2.00	104.50	96.84	112.16	125.70	80.00	50.00 – 100.00
Q5 (20% richest)	10.01	7.43	12.59	48.61	1.00	1.00 – 2.00	130.18	118.95	141.41	157.70	90.00	60.00 – 120.00

Notes:

1. "not including "missing/not applicable"
2. "Count" = number of respondents who answered affirmative for this section, and this is not the total sample unless otherwise stated
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. Results shown in Ringgit Malaysia (RM)

Table 2.16: Perceived payment per visit, government and private providers for birth/delivery, by SES

Sociodemographic Characteristics	Government						Private					
	Mean	95%CI		SD	Median	IQR	Mean	95%CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**154.72**	**144.59**	**164.85**	**253.20**	**50.00**	**20.00 - 150.00**	**2,094.44**	**2,028.83**	**2,160.04**	**1,566.00**	**2,000.00**	**900.00 - 3,000.00**
State												
Johor	138.76	111.41	166.11	242.60	50.00	1.00 - 128.00	2,460.09	2,322.15	2,598.03	1,517.00	2,079.00	1,500.00 - 3,000.00
Kedah	117.04	94.95	139.13	183.40	60.00	10.00 - 120.00	1,686.21	1,586.19	1,786.24	1,057.00	1,500.00	1,000.00 - 2,079.00
Kelantan	67.03	56.52	77.54	125.30	30.00	17.00 - 80.00	1,954.99	1,727.74	2,182.23	1,452.00	2,000.00	1,000.00 - 3,000.00
Melaka	160.09	128.12	192.06	145.80	100.00	70.00 - 250.00	3,177.28	2,761.69	3,592.86	1,447.00	3,000.00	2,000.00 - 5,000.00
Negeri Sembilan	146.84	118.10	175.59	183.70	100.00	30.00 - 200.00	2,065.02	1,903.02	2,227.03	1,241.00	2,000.00	1,000.00 - 2,800.00
Pahang	55.71	47.18	64.24	103.30	30.00	10.00 - 60.00	2,158.68	2,028.97	2,288.38	1,404.00	2,000.00	1,000.00 - 3,000.00
Pulau Pinang	97.27	74.64	119.90	133.20	80.00	20.00 - 100.00	1,565.34	1,346.70	1,783.98	1,167.00	1,500.00	500.00 - 2,000.00
Perak	110.68	81.41	139.94	200.80	50.00	1.00 - 100.00	2,702.39	2,500.98	2,903.79	1,524.00	3,000.00	1,600.00 - 4,000.00
Perlis	54.45	45.11	63.78	73.27	40.00	20.00 - 50.00	2,651.14	2,452.03	2,850.25	1,148.00	2,500.00	2,000.00 - 3,500.00
Selangor	204.05	178.90	229.20	302.50	80.00	25.00 - 300.00	2,584.57	2,450.33	2,718.80	1,537.00	2,079.00	1,500.00 - 3,500.00
Terengganu	75.13	63.46	86.80	123.00	50.00	25.00 - 100.00	1,849.93	1,580.51	2,119.34	1,487.00	1,500.00	800.00 - 2,500.00
Sabah/Labuan	189.02	150.02	228.03	297.80	50.00	20.00 - 200.00	1,095.11	916.11	1,274.11	1,138.00	680.00	120.00 - 2,000.00
Sarawak	149.69	106.96	192.42	233.60	60.00	30.00 - 180.00	1,267.26	977.48	1,557.04	1,460.00	500.00	150.00 - 2,000.00
WP Kuala Lumpur	321.35	274.20	368.49	350.30	200.00	80.00 - 500.00	3,113.86	2,788.78	3,438.94	1,837.00	3,000.00	1,000.00 - 5,000.00
WP Putrajaya	256.94	199.12	314.75	356.10	100.00	- - 300.00	1,683.48	1,553.80	1,813.17	1,219.00	1,500.00	800.00 - 2,000.00
Location												
Urban	162.78	151.62	173.93	259.10	60.00	20.00 - 180.00	2,242.65	2,165.78	2,319.51	1,583.00	2,000.00	1,000.00 - 3,000.00
Rural	129.91	106.43	153.40	232.70	50.00	20.00 - 100.00	1,638.23	1,518.08	1,758.38	1,420.00	1,500.00	400.00 - 2,079.00
Sex												
Male	159.77	147.65	171.90	256.50	60.00	20.00 - 160.00	2,070.14	1,991.09	2,149.20	1,571.00	2,000.00	800.00 - 3,000.00
Female	149.90	138.46	161.35	250.00	50.00	20.00 - 150.00	2,117.58	2,045.87	2,189.30	1,561.00	2,000.00	1,000.00 - 3,000.00
Age Group (Years)												
18-19	202.15	166.91	237.39	309.20	100.00	30.00 - 200.00	1,828.47	1,632.83	2,024.12	1,606.00	1,500.00	500.00 - 3,000.00
20-24	173.58	151.73	195.43	268.20	60.00	30.00 - 200.00	1,827.23	1,691.56	1,962.91	1,543.00	1,500.00	500.00 - 3,000.00
25-29	190.07	163.95	216.20	293.00	80.00	30.00 - 200.00	2,134.71	2,011.36	2,258.07	1,625.00	2,000.00	1,000.00 - 3,000.00
30-34	177.59	155.58	199.59	270.80	60.00	20.00 - 200.00	2,191.50	2,071.60	2,311.40	1,530.00	2,000.00	1,000.00 - 3,000.00
35-39	166.81	145.97	187.65	269.50	60.00	28.00 - 150.00	2,164.30	2,038.10	2,290.50	1,588.00	2,000.00	1,000.00 - 3,000.00
40-44	147.91	129.20	166.61	233.20	60.00	20.00 - 150.00	2,238.16	2,110.13	2,366.19	1,564.00	2,000.00	1,000.00 - 3,000.00
45-49	138.33	121.05	155.61	231.20	50.00	20.00 - 150.00	2,133.48	2,009.87	2,257.09	1,563.00	2,000.00	1,000.00 - 3,000.00
50-54	128.29	109.46	147.13	217.20	50.00	15.00 - 130.00	2,148.99	2,027.42	2,270.55	1,547.00	2,000.00	1,000.00 - 3,000.00
55-59	109.07	94.60	123.53	184.60	50.00	10.00 - 100.00	2,018.92	1,893.98	2,143.86	1,520.00	2,000.00	800.00 - 3,000.00
60-64	99.10	81.70	116.50	176.50	45.00	1.00 - 100.00	2,073.12	1,920.29	2,225.95	1,531.00	2,000.00	1,000.00 - 3,000.00
65-69	118.61	93.64	143.59	228.10	45.00	1.00 - 100.00	2,137.81	1,936.58	2,339.05	1,624.00	2,000.00	1,000.00 - 3,000.00
70-74	84.46	56.93	111.99	184.60	30.00	1.00 - 100.00	2,088.00	1,859.17	2,316.84	1,492.00	2,000.00	1,000.00 - 3,000.00
75+	86.06	61.07	111.05	180.80	30.00	1.00 - 100.00	2,069.46	1,866.74	2,272.18	1,423.00	2,000.00	1,000.00 - 3,000.00
Ethnicity												
Malay	124.88	116.04	133.72	213.40	50.00	15.00 - 100.00	2,153.73	2,075.46	2,232.00	1,516.00	2,000.00	1,000.00 - 3,000.00
Chinese	171.92	150.08	193.75	262.40	80.00	24.00 - 200.00	2,573.42	2,448.56	2,698.28	1,605.00	2,079.00	1,200.00 - 4,000.00
Indian	194.50	160.01	228.99	290.90	80.00	30.00 - 200.00	2,515.52	2,357.07	2,673.97	1,557.00	2,079.00	1,100.00 - 3,500.00
Bumiputera Sabah	110.12	92.04	128.20	186.30	50.00	15.00 - 100.00	1,277.38	1,098.82	1,455.94	1,175.00	1,000.00	200.00 - 2,079.00
Bumiputera Sarawak	102.65	85.72	119.57	126.20	50.00	30.00 - 150.00	1,110.49	829.57	1,391.41	1,298.00	500.00	100.00 - 2,000.00
OrangAsli	54.83	8.06	101.60	129.30	30.00	1.00 - 40.00	2,140.71	1,549.30	2,732.11	1,337.00	2,000.00	1,000.00 - 2,500.00
Others	299.61	244.15	355.07	387.30	100.00	30.00 - 500.00	1,378.25	1,134.91	1,621.58	1,404.00	1,000.00	200.00 - 2,079.00
Citizenship												
Malaysian	136.68	128.73	144.62	225.00	50.00	20.00 - 150.00	2,139.40	2,076.48	2,202.33	1,562.00	2,000.00	1,000.00 - 3,000.00
Non-Malaysian	363.75	303.32	424.18	416.20	150.00	40.00 - 600.00	1,573.53	1,309.25	1,837.81	1,522.00	1,000.00	300.00 - 2,079.00

Sociodemographic Characteristics	Government						Private					
	Mean	95%CI		SD	Median	IQR	Mean	95%CI		SD	Median	IQR
		LL	UL					LL	UL			
MALAYSIA	**154.72**	**144.59**	**164.85**	**253.20**	**50.00**	**20.00 - 150.00**	**2,094.44**	**2,028.83**	**2,160.04**	**1,566.00**	**2,000.00**	**900.00 - 3,000.00**
Marital status												
Never married	186.15	167.90	204.40	279.10	98.00	30.00 - 200.00	2,052.99	1,944.34	2,161.63	1,668.00	2,000.00	500.00 - 3,000.00
Married	147.95	136.75	159.15	245.70	50.00	20.00 - 150.00	2,108.52	2,039.51	2,177.53	1,539.00	2,000.00	1,000.00 - 3,000.00
Widow/Widower/Divorcee	122.77	102.95	142.58	232.30	50.00	10.00 - 100.00	2,079.45	1,953.26	2,205.64	1,507.00	2,000.00	1,000.00 - 3,000.00
Education level[1]												
No formal education	144.53	106.36	182.71	249.40	50.00	15.00 - 150.00	1,503.59	1,358.33	1,648.85	1,394.00	1,000.00	300.00 - 2,079.00
Primary	151.17	129.20	173.14	258.00	50.00	20.00 - 150.00	1,756.10	1,637.83	1,874.38	1,490.00	1,500.00	500.00 - 2,500.00
Secondary	141.20	130.97	151.42	230.60	50.00	20.00 - 150.00	2,079.11	2,002.37	2,155.84	1,536.00	2,000.00	1,000.00 - 3,000.00
Tertiary	181.43	165.66	197.20	281.30	80.00	20.00 - 200.00	2,488.88	2,405.07	2,572.69	1,612.00	2,079.00	1,000.00 - 3,500.00
Unclassified	198.07	127.37	268.77	332.60	60.00	20.00 - 200.00	2,025.69	1,687.91	2,363.46	1,435.00	2,000.00	1,000.00 - 3,000.00
Occupation[1]												
Government/Semi-government employee	120.30	103.40	137.21	219.40	45.00	1.00 - 100.00	2,274.20	2,141.22	2,407.18	1,600.00	2,000.00	1,000.00 - 3,000.00
Private employee	191.58	174.07	209.08	287.30	90.00	30.00 - 200.00	2,146.92	2,044.16	2,249.69	1,609.00	2,000.00	1,000.00 - 3,000.00
Self-employed	130.71	116.50	144.93	207.20	50.00	20.00 - 150.00	2,013.48	1,921.53	2,105.42	1,518.00	2,000.00	800.00 - 3,000.00
Unpaid worker/homemaker	133.68	119.05	148.31	229.80	50.00	23.00 - 100.00	1,951.36	1,856.12	2,046.60	1,488.00	2,000.00	700.00 - 3,000.00
Retiree	106.71	79.48	133.95	207.40	35.00	0.00 - 100.00	2,338.19	2,160.09	2,516.30	1,476.00	2,000.00	1,200.00 - 3,000.00
Unemployed	122.72	108.23	137.21	223.00	50.00	13.00 - 100.00	1,925.01	1,810.06	2,039.97	1,517.00	2,000.00	600.00 - 3,000.00
Student	242.61	195.60	289.62	335.80	100.00	40.00 - 300.00	2,446.64	2,206.94	2,686.34	1,664.00	2,500.00	1,000.00 - 3,500.00
Household Income Group (RM)												
Less than RM1,000	140.89	119.10	162.67	247.80	50.00	18.00 - 120.00	1,688.54	1,576.93	1,800.15	1,450.00	1,500.00	500.00 - 2,079.00
RM1,000–RM1,999	132.63	116.98	148.27	224.80	50.00	20.00 - 145.00	1,720.47	1,604.49	1,836.44	1,475.00	1,500.00	500.00 - 2,079.00
RM2,000–RM2,999	147.06	129.04	165.09	244.60	50.00	25.00 - 150.00	1,886.73	1,764.56	2,008.91	1,487.00	2,000.00	500.00 - 3,000.00
RM3,000–RM3,999	146.82	126.16	167.48	248.80	50.00	25.00 - 150.00	2,090.03	1,963.13	2,216.94	1,570.00	2,000.00	1,000.00 - 3,000.00
RM4,000–RM4,999	148.26	128.37	168.15	230.10	60.00	25.00 - 150.00	2,211.12	2,064.46	2,357.77	1,550.00	2,000.00	1,000.00 - 3,000.00
RM5,000–RM5,999	160.51	132.96	188.05	253.10	60.00	20.00 - 200.00	2,263.72	2,103.01	2,424.44	1,528.00	2,000.00	1,000.00 - 3,000.00
RM6,000–RM6,999	178.53	135.48	221.58	275.70	80.00	20.00 - 200.00	2,373.47	2,172.92	2,574.01	1,543.00	2,000.00	1,000.00 - 3,000.00
RM7,000–RM7,999	151.87	114.36	189.38	248.70	60.00	20.00 - 150.00	2,547.41	2,343.60	2,751.21	1,556.00	2,079.00	1,500.00 - 3,800.00
RM8,000–RM8,999	178.15	142.68	213.61	280.80	60.00	15.00 - 200.00	2,505.19	2,304.82	2,705.55	1,529.00	2,000.00	1,300.00 - 3,500.00
RM9,000–RM9,999	209.83	135.73	283.93	290.10	100.00	15.00 - 300.00	2,649.67	2,366.84	2,932.50	1,502.00	2,400.00	1,500.00 - 3,500.00
RM10,000 and above	208.34	171.98	244.69	308.70	100.00	10.00 - 250.00	2,784.50	2,600.24	2,968.76	1,685.00	2,500.00	1,500.00 - 5,000.00
Household Income Quintiles												
Q1 (20% poorest)	139.34	117.64	161.04	247.40	50.00	15.00 - 100.00	1,702.54	1,579.77	1,825.31	1,466.00	1,500.00	500.00 - 2,079.00
Q2	135.93	119.18	152.67	229.00	50.00	20.00 - 150.00	1,686.98	1,579.59	1,794.37	1,447.00	1,500.00	500.00 - 2,079.00
Q3	141.12	125.78	156.46	236.00	50.00	25.00 - 150.00	1,957.42	1,844.14	2,070.70	1,506.00	2,000.00	700.00 - 3,000.00
Q4	149.56	133.85	165.26	244.50	60.00	21.00 - 150.00	2,143.30	2,036.77	2,249.84	1,571.00	2,000.00	1,000.00 - 3,000.00
Q5 (20% richest)	184.05	166.48	201.63	282.10	80.00	18.00 - 200.00	2,526.04	2,432.56	2,619.51	1,592.00	2,079.00	1,200.00 - 3,500.00
Socioeconomic Quintiles (based on HCD 2011)												
Q1 (20% poorest)	142.57	117.75	167.40	244.50	50.00	20.00 - 150.00	1,553.11	1,422.30	1,683.92	1,434.00	1,000.00	300.00 - 2,079.00
Q2	151.41	132.83	169.99	256.00	50.00	20.00 - 150.00	1,812.55	1,705.72	1,919.37	1,468.00	1,800.00	500.00 - 2,500.00
Q3	139.04	122.88	155.19	228.20	50.00	20.00 - 150.00	2,071.21	1,968.02	2,174.40	1,524.00	2,000.00	1,000.00 - 3,000.00
Q4	152.67	137.57	167.78	244.40	60.00	20.00 - 150.00	2,337.79	2,239.85	2,435.74	1,576.00	2,000.00	1,000.00 - 3,000.00
Q5 (20% richest)	186.86	166.62	207.10	286.00	80.00	20.00 - 200.00	2,662.56	2,560.61	2,764.52	1,572.00	2,500.00	1,500.00 - 4,000.00

Notes:

1. [1]not including "missing/not applicable"
2. "Count"=number of respondents who answered affirmative for this section, and this is not the total sample unless otherwise stated.
3. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
4. Results shown in Ringgit Malaysia (RM)

Table 2.17: Overall perception on healthc are - Percentage (%) of reporting "≤poor", "fair" or "≥good" on each item

	Government									Private								
	≤poor			fair			≥good			≤poor			fair			≥good		
	%	95% CI		%	95% CI		%	95% CI		%	95% CI		%	95% CI		%	95% CI	
		LL	UL		LL	UL		LL	UL		LL	UL		LL	UL		LL	UL
Clinics																		
Convenience of clinic location	3.8	3.3	4.5	27.2	26.0	28.4	69.0	67.6	70.3	5.8	5.2	6.5	31.2	30.0	32.5	63.0	61.5	64.4
Convenience of operating hours	3.9	3.4	4.4	30.8	29.6	32.0	65.3	64.0	66.7	2.6	2.2	3.0	26.7	25.6	27.8	70.7	69.5	71.9
Comfort of clinic	2.5	2.2	3.0	24.4	23.3	25.5	73.1	71.9	74.3	1.5	1.2	1.7	21.1	20.1	22.1	77.4	76.4	78.5
Availability of laboratory tests	2.9	2.5	3.4	28.8	27.6	30.1	68.3	66.9	69.6	2.8	2.4	3.2	27.7	26.6	28.9	69.5	68.2	70.7
Availability of specialist(s) at the specialist clinic	4.9	4.3	5.5	29.0	27.8	30.2	66.1	64.8	67.5	3.3	2.9	3.7	27.1	26.0	28.3	69.6	68.4	70.8
Allowed to choose the doctor	17.6	16.4	18.9	40.2	38.9	41.5	42.2	40.7	43.7	5.0	4.5	5.6	28.2	27.0	29.4	66.8	65.4	68.2
Waiting time to see a doctor once arrived at the clinic	25.8	24.6	27.2	41.4	40.2	42.5	32.8	31.4	34.2	3.6	3.2	4.1	28.8	27.7	30.0	67.6	66.2	68.9
Amount of time the doctor spends with patient	5.5	4.9	6.1	33.5	32.3	34.8	61.0	59.6	62.4	2.0	1.7	2.3	27.6	26.4	28.9	70.4	69.0	71.7
Ability of doctor to give correct diagnosis and treatment	2.4	2.0	2.7	24.6	23.5	25.7	73.0	71.8	74.3	1.6	1.3	1.9	22.6	21.5	23.7	75.9	74.7	77.0
Clarity of doctor's explanation regarding the illness, test and procedure	2.3	2.0	2.7	24.3	23.2	25.4	73.4	72.2	74.6	1.5	1.3	1.8	22.2	21.1	23.3	76.3	75.1	77.4
Courtesy and helpfulness of doctor, assistant medical officer and nurse	2.4	2.1	2.8	22.7	21.6	23.7	74.9	73.8	76.1	1.1	0.9	1.4	20.1	19.1	21.2	78.7	77.7	79.8
Outcome of services/ treatment	1.7	1.4	2.0	23.3	22.2	24.4	75.0	73.9	76.1	1.2	1.0	1.4	20.8	19.8	21.9	78.0	76.9	79.0
Treatment charges	1.0	0.8	1.2	9.9	9.2	10.7	89.1	88.2	89.9	25.6	24.3	26.9	47.5	46.3	48.7	26.9	25.7	28.2
Overall impression	1.4	1.2	1.7	20.8	19.8	21.9	77.8	76.7	78.9	2.5	2.1	2.9	26.6	25.4	27.8	70.9	69.6	72.2
Hospitals																		
Convenience of hospital location	4.6	4.0	5.3	27.1	25.9	28.3	68.3	66.9	69.7	7.4	6.6	8.2	33.3	32.0	34.7	59.3	57.7	60.9
Ability to ask for private room/ share with less people	15.1	14.0	16.3	41.3	40.0	42.5	43.6	42.1	45.2	2.9	2.5	3.3	26.5	25.3	27.7	70.7	69.3	72.0
Comfort of hospital	3.3	2.8	3.8	26.7	25.5	27.8	70.0	68.7	71.3	1.3	1.0	1.5	19.5	18.5	20.5	79.3	78.2	80.3
Availability of investigations/ medical equipment	1.6	1.3	1.9	23.8	22.7	24.9	74.6	73.4	75.7	1.2	1.0	1.4	23.7	22.6	24.8	75.1	74.0	76.2
Availability of specialist(s) at the specialist hospital	2.2	1.9	2.6	23.8	22.8	24.9	73.9	72.8	75.1	1.4	1.1	1.7	22.6	21.6	23.7	76.0	74.9	77.1
Allowed to choose doctor	14.9	13.7	16.1	41.1	39.9	42.4	44.0	42.5	45.5	3.0	2.5	3.4	25.4	24.3	26.6	71.6	70.3	72.9
Waiting time to see a doctor once arrived at the hospital	21.0	19.8	22.3	41.7	40.6	42.9	37.2	35.8	38.7	3.2	2.7	3.7	26.1	25.0	27.3	70.7	69.3	72.0
Amount of time the doctor spends with patient	3.9	3.4	4.4	32.0	30.8	33.3	64.1	62.7	65.5	1.4	1.1	1.7	24.9	23.9	26.1	73.7	72.5	74.8
Ability of doctor to give correct diagnosis and treatment	1.8	1.5	2.1	22.9	21.8	23.9	75.4	74.2	76.5	1.0	0.8	1.2	21.9	20.8	23.1	77.1	75.9	78.2
Clarity of doctor's explanation regarding the illness, test and procedure	1.7	1.4	2.0	23.0	22.0	24.1	75.3	74.1	76.4	1.0	0.8	1.2	21.2	20.1	22.3	77.8	76.7	78.9
Courtesy and helpfulness of doctor, assistant medical officer and nurse	2.2	1.9	2.5	22.5	21.4	23.6	75.3	74.2	76.5	1.1	0.9	1.3	20.4	19.4	21.4	78.5	77.5	79.5
Outcome of services/ treatment	1.5	1.2	1.8	21.8	20.8	22.9	76.7	75.6	77.8	1.1	0.9	1.4	20.2	19.2	21.3	78.7	77.6	79.7
Treatment charges	1.2	1.0	1.5	11.1	10.3	12.0	87.7	86.7	88.6	25.9	24.6	27.3	47.2	45.9	48.5	26.9	25.6	28.1
Overall impression	1.1	0.9	1.4	19.3	18.2	20.3	79.6	78.5	80.7	2.6	2.2	3.1	26.5	25.4	27.7	70.8	69.5	72.1

Notes:

1. CI=Confidence Interval; LL=Lower Limit; UL=Upper Limit
2. Total eligible (adult) respondents = 19,959; n for each question varies from 18,423 - 19,339 depending on those who answered the question, not including missing, DK, & RA

Table 2.18: Convenience of clinic location - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	% reporting "≤poor"	95% CI LL	95% CI UL	Count, n (unweighted)	Estimated population, N (weighted)	% reporting "≤poor"	95% CI LL	95% CI UL
MALAYSIA	**19,339**	**19,419,288**	3.8	3.3	4.5	**19,132**	**19,436,173**	5.8	5.2	6.5
State										
Johor	1,706	2,228,953	3.2	2.2	4.7	1,702	2,256,423	3.3	2.4	4.5
Kedah	1,243	1,299,525	1.2	0.6	2.3	1,217	1,284,999	6.0	4.1	8.8
Kelantan	1,163	994,242	0.7	0.2	2.6	1,082	927,834	5.4	3.7	7.8
Melaka	1,133	560,012	0.5	0.2	1.3	1,130	560,332	1.2	0.4	3.4
Negeri Sembilan	1,220	650,358	1.1	0.5	2.3	1,199	643,778	1.8	1.1	2.8
Pahang	1,188	960,880	0.9	0.4	2.2	1,207	985,544	6.9	5.0	9.6
Pulau Pinang	1,287	1,137,302	8.7	5.5	13.6	1,293	1,148,503	8.6	5.8	12.7
Perak	1,349	1,599,944	1.5	0.7	3.0	1,349	1,601,388	2.6	1.7	3.9
Perlis	1,273	158,152	0.0	0.0	0.3	1,191	150,639	8.4	5.8	12.0
Selangor	2,673	4,015,730	5.9	4.4	7.9	2,685	4,049,451	2.4	1.7	3.3
Terengganu	1,187	682,867	0.4	0.2	1.0	1,186	682,927	5.3	3.4	8.3
Sabah/Labuan	1,569	2,240,352	4.2	2.8	6.3	1,547	2,223,895	9.7	7.7	12.2
Sarawak	1,224	1,703,557	5.5	3.3	9.2	1,202	1,686,737	15.2	11.1	20.6
WP Kuala Lumpur	640	1,139,040	6.8	4.7	9.6	658	1,185,348	6.2	4.2	9.0
WP Putrajaya	484	48,374	0.0	-	-	484	48,374	2.1	1.0	4.2
Location										
Urban	11,081	14,744,832	4.0	3.3	4.7	11,078	14,839,499	3.8	3.3	4.4
Rural	8,258	4,674,456	3.3	2.4	4.7	8,054	4,596,674	12.2	10.3	14.5
Sex										
Male	9,164	9,960,096	4.0	3.3	4.9	9,089	10,032,637	5.7	4.9	6.6
Female	10,175	9,459,192	3.6	3.1	4.3	10,043	9,403,537	5.8	5.1	6.6
Age Group (Years)										
18-19	774	920,374	4.6	3.0	6.9	771	923,366	8.2	5.7	11.6
20-24	1,838	2,724,913	3.8	2.9	5.1	1,851	2,747,340	5.7	4.7	7.0
25-29	2,101	2,654,651	4.4	3.1	6.2	2,108	2,684,463	5.3	4.2	6.7
30-34	2,033	2,511,397	4.7	3.5	6.3	2,028	2,534,617	5.4	4.2	6.9
35-39	1,850	1,980,966	3.8	2.8	5.2	1,851	1,991,211	5.0	3.9	6.4
40-44	1,749	1,786,302	4.1	3.0	5.7	1,732	1,795,708	3.9	2.9	5.2
45-49	1,833	1,642,995	2.9	2.0	4.3	1,814	1,636,624	5.9	4.7	7.5
50-54	1,860	1,464,903	2.9	1.9	4.5	1,829	1,453,720	6.0	4.7	7.6
55-59	1,649	1,234,113	3.4	2.2	5.0	1,617	1,222,571	5.4	4.3	6.7
60-64	1,320	923,193	3.7	2.2	6.0	1,286	907,129	7.7	5.7	10.3
65-69	979	669,698	2.0	1.1	3.6	956	660,583	7.0	5.2	9.3
70-74	653	377,776	1.7	0.7	4.5	622	363,317	8.4	5.8	11.9
75+	700	528,007	4.8	2.7	8.4	667	515,524	9.0	6.0	13.1
Ethnicity[1]										
Malay	12,207	9,817,496	2.8	2.2	3.7	11,957	9,671,954	5.1	4.4	5.9
Chinese	3,036	4,512,490	4.7	3.6	6.1	3,044	4,558,083	2.8	2.1	3.7
Indian	1,361	1,324,210	4.6	2.9	7.0	1,358	1,331,655	4.6	3.2	6.6
Bumiputera Sabah	865	937,876	2.4	1.3	4.3	833	911,297	10.0	7.2	13.7
Bumiputera Sarawak	560	863,429	5.4	2.9	9.8	552	854,009	21.1	14.1	30.4
Orang Asli	64	36,844	0.4	0.0	3.5	65	37,744	18.8	8.4	36.8
Others	1,241	1,925,238	6.3	4.3	9.1	1,318	2,069,726	7.8	5.9	10.2
Citizenship										
Malaysian	18,320	17,761,735	3.5	2.9	4.1	18,027	17,634,345	5.6	5.0	6.3
Non Malaysian	1,019	1,657,553	7.8	5.5	11.0	1,105	1,801,828	7.4	5.4	10.0

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	% reporting "poor"	95% CI		Count, n (unweighted)	Estimated population, N (weighted)	% reporting "poor"	95% CI	
				LL	UL				LL	UL
MALAYSIA	**19,339**	**19,419,288**	3.8	3.3	4.5	**19,132**	**19,436,173**	5.8	5.2	6.5
Marital status										
Never married	4,007	5,345,462	4.1	3.2	5.2	4,027	5,422,061	5.2	4.2	6.3
Married	13,466	12,730,754	3.6	3.0	4.4	13,324	12,720,790	5.6	5.0	6.3
Widow/Widower/Divorcee	1,866	1,343,072	4.4	3.1	6.4	1,781	1,293,322	9.7	7.6	12.1
***Education level**[1]*										
No formal education	1,268	1,073,869	3.6	1.9	7.0	1,222	1,054,778	12.8	9.6	16.8
Primary	4,586	3,880,626	3.9	3.0	5.0	4,487	3,858,819	8.7	7.4	10.2
Secondary	8,975	9,081,263	3.1	2.5	3.8	8,891	9,084,845	5.0	4.4	5.8
Tertiary	4,301	5,116,887	5.2	4.2	6.4	4,325	5,167,442	3.5	2.8	4.3
Unclassified	191	249,164	3.0	1.2	7.3	191	253,000	5.6	2.7	11.4
***Occupation**[1]*										
Government /Semi-government employee	2,186	1,914,015	1.8	1.2	2.7	2,169	1,904,682	4.2	3.1	5.7
Private employee	5,801	7,520,806	4.7	3.8	5.7	5,875	7,699,076	4.2	3.4	5.0
Self-employed	3,762	3,314,610	3.7	2.7	5.0	3,687	3,272,374	7.7	6.3	9.4
Unpaid worker/homemaker	3,273	2,828,216	3.4	2.5	4.6	3,218	2,796,998	7.1	5.9	8.5
Retiree	772	599,904	4.1	2.2	7.3	755	591,512	4.2	2.7	6.6
Unemployed	3,012	2,531,106	2.9	2.1	4.0	2,895	2,452,248	8.3	6.8	10.1
Student	531	709,268	5.6	3.6	8.6	531	717,921	5.6	3.7	8.4
Household Income Group (RM)										
Less than RM1,000	3,135	2,626,904	4.5	3.3	6.2	3,010	2,564,715	9.9	8.1	12.1
RM1,000 – RM1,999	3,531	3,193,655	3.4	2.4	4.7	3,448	3,164,186	7.9	6.7	9.2
RM2,000 – RM2,999	3,300	3,176,873	3.2	2.3	4.3	3,260	3,158,219	6.4	5.2	7.8
RM3,000 – RM3,999	2,458	2,521,328	2.7	1.9	3.9	2,442	2,513,623	4.6	3.5	6.1
RM4,000 – RM4,999	1,753	1,941,668	4.1	2.8	6.0	1,749	1,945,925	4.6	3.3	6.4
RM5,000 – RM5,999	1,359	1,523,242	4.4	2.8	6.7	1,366	1,553,609	4.1	2.8	6.0
RM6,000 – RM6,999	914	996,316	1.9	1.0	3.7	924	1,023,080	3.6	2.3	5.6
RM7,000 – RM7,999	746	791,454	4.5	2.6	7.5	742	791,873	5.4	3.3	8.5
RM8,000 – RM8,999	571	660,019	4.6	2.5	8.4	572	662,204	3.9	2.3	6.6
RM9,000 – RM9,999	304	349,486	4.7	2.5	8.6	303	348,543	3.4	1.5	7.4
RM10,000 and above	1,268	1,638,342	6.0	4.3	8.3	1,310	1,710,195	1.7	1.1	2.7
Household Income Quintiles										
Q1 (20% poorest)	2,693	2,242,660	4.5	3.3	6.3	2,588	2,192,176	9.9	7.9	12.2
Q2	3,628	3,313,855	3.7	2.6	5.1	3,536	3,271,909	8.0	6.8	9.4
Q3	4,197	4,041,462	3.1	2.3	4.1	4,151	4,030,042	6.0	5.0	7.1
Q4	4,002	4,286,417	3.8	2.9	4.9	3,989	4,292,491	4.6	3.7	5.8
Q5 (20% richest)	4,819	5,534,894	4.2	3.3	5.3	4,868	5,649,555	3.6	2.9	4.5
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,084	3,978,594	3.7	2.7	5.0	3,994	3,963,264	10.0	8.3	12.0
Q2	4,284	3,843,577	3.2	2.2	4.6	4,208	3,797,102	6.9	5.6	8.4
Q3	3,984	3,854,194	3.0	2.2	3.9	3,945	3,858,384	5.1	4.2	6.2
Q4	3,838	3,904,327	3.9	3.0	5.0	3,808	3,913,784	4.3	3.4	5.4
Q5 (20% richest)	3,149	3,838,890	5.4	4.1	7.0	3,177	3,903,930	2.5	1.9	3.3

Notes:

1. *Not including "missing/not applicable"*
2. *CI = Confidence interval; LL = Lower limit; UL = Upper limit*

Table 2.19: Convenience of reporting hours - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	95 % CI UL	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,279**	**19,344,644**	**3.9**	**3.4**	**4.4**	**19,014**	**19,329,035**	**2.6**	**2.2**	**3.0**
State										
Johor	1,696	2,218,149	7.0	4.9	9.9	1,686	2,239,053	1.9	1.2	2.9
Kedah	1,242	1,299,261	1.4	0.8	2.6	1,207	1,279,234	3.3	2.1	5.1
Kelantan	1,163	995,142	0.6	0.3	1.4	1,079	925,970	2.9	1.8	4.6
Melaka	1,132	559,937	0.9	0.4	1.8	1,131	561,346	0.2	0.1	0.8
Negeri Sembilan	1,220	650,297	1.8	0.9	3.6	1,195	643,559	0.5	0.2	1.0
Pahang	1,185	957,177	1.7	0.8	3.3	1,202	979,486	1.7	0.9	3.3
Pulau Pinang	1,273	1,112,141	10.4	8.0	13.4	1,274	1,129,085	4.8	2.3	9.9
Perak	1,345	1,597,121	1.5	1.0	2.3	1,342	1,596,411	2.2	1.3	3.7
Perlis	1,274	158,271	1.3	0.8	2.4	1,187	150,220	1.9	1.1	3.4
Selangor	2,658	3,995,071	5.1	3.8	6.6	2,674	4,035,154	1.8	1.3	2.6
Terengganu	1,185	681,634	1.6	0.9	2.9	1,184	681,693	1.2	0.7	1.9
Sabah/Labuan	1,563	2,229,225	2.4	1.6	3.7	1,535	2,208,297	3.4	2.4	4.6
Sarawak	1,220	1,702,100	2.7	1.7	4.4	1,179	1,667,536	4.8	3.3	6.9
WP Kuala Lumpur	639	1,140,745	7.7	5.6	10.5	656	1,183,701	3.4	2.1	5.5
WP Putrajaya	484	48,374	0.4	0.1	1.5	483	48,291	0.2	0.0	1.1
Location										
Urban	11,034	14,680,525	4.3	3.7	4.9	11,030	14,780,178	2.2	1.8	2.7
Rural	8,245	4,664,119	2.7	1.9	3.7	7,984	4,548,858	3.8	3.1	4.7
Sex										
Male	9,136	9,915,760	3.5	2.9	4.1	9,047	9,987,715	2.6	2.2	3.2
Female	10,143	9,428,883	4.4	3.7	5.1	9,967	9,341,321	2.6	2.1	3.1
Age Group (Years)										
18-19	771	913,334	5.0	3.5	7.3	764	914,524	2.9	1.6	5.1
20-24	1,843	2,730,885	3.7	2.8	4.9	1,848	2,740,959	2.4	1.6	3.6
25-29	2,099	2,651,830	3.6	2.7	4.9	2,104	2,685,803	2.5	1.7	3.7
30-34	2,030	2,506,321	5.0	3.7	6.7	2,023	2,525,558	2.4	1.7	3.4
35-39	1,850	1,979,476	5.0	3.9	6.4	1,846	1,985,250	1.8	1.2	2.7
40-44	1,745	1,779,604	4.1	3.1	5.4	1,725	1,784,548	2.3	1.5	3.4
45-49	1,825	1,632,734	3.1	2.1	4.5	1,801	1,624,428	3.1	2.1	4.4
50-54	1,847	1,453,079	3.1	2.3	4.3	1,812	1,440,689	3.0	2.3	4.1
55-59	1,636	1,220,078	3.7	2.6	5.2	1,601	1,212,732	2.4	1.7	3.5
60-64	1,304	906,058	2.6	1.6	4.3	1,264	891,470	3.4	2.2	5.0
65-69	978	666,147	1.5	0.7	2.9	947	652,196	2.3	1.5	3.6
70-74	652	377,719	2.7	1.4	5.0	613	358,019	4.2	2.1	8.2
75+	699	527,379	5.5	3.7	8.1	666	512,862	4.0	2.3	6.7
Ethnicity[1]										
Malay	12,188	9,793,248	3.2	2.7	3.9	11,907	9,642,485	2.6	2.0	3.2
Chinese	3,014	4,495,349	5.8	4.7	7.2	3,014	4,528,756	1.9	1.4	2.7
Indian	1,357	1,318,860	4.8	3.2	7.1	1,353	1,328,632	2.6	1.6	4.2
Bumiputera Sabah	864	936,802	1.7	0.9	2.9	829	910,454	3.5	2.3	5.3
Bumiputera Sarawak	561	866,492	3.0	1.7	5.3	543	840,831	5.4	3.3	8.6
Orang Asli	65	37,544	0.0			65	37,744	0.0		
Others	1,225	1,894,644	3.8	2.6	5.5	1,300	2,038,429	2.7	1.9	4.0
Citizenship										
Malaysian	18,275	17,715,395	3.9	3.4	4.5	17,929	17,559,812	2.5	2.2	3.0
Non Malaysian	1,004	1,629,248	3.8	2.5	5.7	1,085	1,769,224	3.2	2.1	4.8

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	95 % CI UL	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,279**	**19,344,644**	**3.9**	**3.4**	**4.4**	**19,014**	**19,329,035**	**2.6**	**2.2**	**3.0**
Marital status										
Never married	4,003	5,339,208	4.3	3.5	5.3	4,009	5,395,964	2.3	1.6	3.1
Married	13,415	12,667,541	3.6	3.1	4.2	13,236	12,649,600	2.6	2.2	3.1
Widow/Widower/Divorcee	1,861	1,337,894	4.9	3.5	6.8	1,769	1,283,471	3.7	2.5	5.5
Education level[1]										
No formal education	1,257	1,064,219	2.6	1.6	4.1	1,204	1,040,337	4.5	3.1	6.5
Primary	4,554	3,844,121	3.3	2.6	4.3	4,430	3,805,983	3.4	2.7	4.2
Secondary	8,961	9,056,909	3.4	2.8	4.0	8,850	9,046,413	2.4	2.0	2.9
Tertiary	4,299	5,115,406	5.6	4.6	6.8	4,322	5,165,294	2.0	1.4	2.9
Unclassified	190	246,511	2.2	0.8	6.3	192	253,721	2.2	0.8	5.9
Occupation[1]										
Government /Semi-government employee	2,184	1,909,522	2.5	1.7	3.7	2,163	1,899,327	2.2	1.4	3.2
Private employee	5,783	7,488,011	4.7	3.9	5.5	5,853	7,673,153	2.1	1.5	2.7
Self-employed	3,752	3,305,258	3.5	2.8	4.5	3,663	3,251,219	3.1	2.4	4.1
Unpaid worker/homemaker	3,259	2,817,964	3.9	3.0	5.1	3,179	2,766,907	3.0	2.3	3.8
Retiree	769	594,665	3.0	1.6	5.6	751	587,370	2.2	1.2	4.2
Unemployed	2,998	2,519,992	3.4	2.5	4.5	2,873	2,435,241	3.4	2.6	4.4
Student	532	707,869	3.7	2.2	6.1	580	714,457	3.1	1.7	5.5
Household Income Group (RM)										
Less than RM1,000	3,112	2,606,406	3.2	2.5	4.1	2,977	2,531,027	3.6	2.8	4.6
RM1,000 – RM1,999	3,528	3,183,249	3.0	2.3	4.1	3,427	3,146,672	3.1	2.5	4.0
RM2,000 – RM2,999	3,290	3,161,857	2.7	2.0	3.8	3,247	3,147,078	2.9	2.2	3.9
RM3,000 – RM3,999	2,446	2,509,155	3.8	2.9	4.9	2,418	2,490,375	2.3	1.6	3.3
RM4,000 – RM4,999	1,753	1,941,148	4.2	2.9	6.0	1,743	1,940,590	2.7	1.6	4.5
RM5,000 – RM5,999	1,357	1,524,004	4.9	3.5	6.8	1,362	1,548,558	2.6	1.5	4.5
RM6,000 – RM6,999	915	997,771	4.7	3.0	7.3	923	1,020,991	0.8	0.4	1.6
RM7,000 – RM7,999	743	786,538	3.7	2.4	5.6	739	790,564	1.5	0.7	3.2
RM8,000 – RM8,999	566	653,858	4.9	3.2	7.4	567	655,871	2.5	1.3	4.9
RM9,000 – RM9,999	302	344,360	5.2	3.0	8.9	302	347,963	2.4	1.0	5.7
RM10,000 and above	1,267	1,636,297	6.8	5.1	8.9	1,309	1,709,346	1.4	0.8	2.4
Household Income Quintiles										
Q1 (20% poorest)	2,669	2,222,971	2.9	2.2	4.0	2,554	2,163,883	3.6	2.7	4.6
Q2	3,625	3,302,893	3.2	2.4	4.3	3,516	3,251,717	3.0	2.3	3.8
Q3	4,188	4,026,453	3.0	2.3	3.9	4,129	4,011,094	2.9	2.2	3.7
Q4	3,990	4,276,707	4.2	3.4	5.3	3,963	4,268,673	2.5	1.9	3.5
Q5 (20% richest)	4,807	5,515,619	5.1	4.2	6.1	4,852	5,633,669	1.8	1.4	2.5
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,071	3,958,030	2.3	1.7	3.1	3,946	3,910,593	2.9	2.3	3.7
Q2	4,271	3,830,507	2.7	2.1	3.6	4,177	3,778,771	3.1	2.2	4.2
Q3	3,966	3,830,833	3.2	2.3	4.3	3,926	3,842,727	3.0	2.3	3.9
Q4	3,830	3,893,282	4.6	3.7	5.6	3,798	3,906,011	2.2	1.6	3.1
Q5 (20% richest)	3,141	3,832,285	6.7	5.5	8.2	3,167	3,891,220	1.8	1.3	2.5

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.20: Comfort of clinic - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	UL	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	UL
MALAYSIA	**19,311**	**19,366,123**	**2.5**	**2.2**	**3.0**	**19,042**	**19,353,519**	**1.5**	**1.2**	**1.7**
State										
Johor	1,700	2,219,452	4.1	2.7	6.1	1,692	2,244,782	1.1	0.7	1.7
Kedah	1,243	1,300,217	1.2	0.7	2.1	1,210	1,281,903	2.8	1.8	4.4
Kelantan	1,165	996,452	0.5	0.2	1.4	1,080	926,906	1.2	0.6	2.3
Melaka	1,135	561,977	0.5	0.2	1.3	1,132	562,184	0.1	0.0	0.5
Negeri Sembilan	1,222	651,208	0.6	0.3	1.4	1,191	641,689	0.2	0.1	0.7
Pahang	1,190	962,765	0.3	0.1	0.8	1,207	983,940	0.6	0.2	1.4
Pulau Pinang	1,277	1,118,254	5.9	3.7	9.1	1,278	1,134,294	2.2	1.1	4.6
Perak	1,345	1,596,976	1.3	0.7	2.6	1,342	1,596,268	1.5	0.7	3.1
Perlis	1,278	158,466	0.3	0.1	0.8	1,188	149,990	0.9	0.4	2.2
Selangor	2,667	4,008,959	3.7	2.8	5.0	2,676	4,037,455	1.0	0.6	1.5
Terengganu	1,183	680,002	0.7	0.2	1.8	1,182	679,513	0.5	0.2	1.4
Sabah/Labuan	1,566	2,228,887	1.3	0.7	2.1	1,539	2,215,506	2.6	1.8	3.8
Sarawak	1,216	1,691,498	1.5	0.9	2.6	1,183	1,666,315	1.9	1.2	3.2
WP Kuala Lumpur	640	1,142,637	6.6	4.5	9.8	658	1,184,401	1.8	1.0	3.3
WP Putrajaya	484	48,374	0.0	-	-	484	48,374	0.2	0.0	1.2
Location										
Urban	11,058	14,701,857	2.9	2.5	3.4	11,047	14,794,368	1.2	0.9	1.5
Rural	8,253	4,664,266	1.4	0.9	2.2	7,995	4,559,151	2.5	2.0	3.2
Sex										
Male	9,146	9,922,665	2.3	1.9	2.7	9,044	9,986,954	1.4	1.1	1.9
Female	10,165	9,443,458	2.8	2.3	3.4	9,998	9,366,565	1.5	1.2	1.9
Age Group (Years)										
18-19	773	917,026	2.7	1.7	4.4	762	910,934	1.4	0.6	3.3
20-24	1,842	2,724,515	2.5	1.7	3.6	1,849	2,746,493	1.4	0.8	2.4
25-29	2,102	2,655,371	2.6	1.8	3.7	2,105	2,685,761	1.5	0.9	2.5
30-34	2,032	2,506,073	3.4	2.4	4.7	2,023	2,529,202	1.4	0.8	2.4
35-39	1,848	1,977,673	2.7	1.9	3.9	1,847	1,987,160	0.8	0.4	1.5
40-44	1,747	1,780,807	1.8	1.2	2.8	1,724	1,782,702	1.2	0.7	1.9
45-49	1,827	1,634,943	2.7	1.8	4.1	1,805	1,628,274	1.3	0.7	2.4
50-54	1,849	1,453,065	2.6	1.9	3.8	1,816	1,445,702	1.8	1.2	2.6
55-59	1,647	1,232,502	2.3	1.5	3.6	1,608	1,216,329	1.5	1.0	2.3
60-64	1,311	911,848	2.0	1.2	3.3	1,270	895,248	2.7	1.7	4.1
65-69	977	666,495	1.2	0.5	2.6	948	653,657	2.0	1.2	3.2
70-74	655	379,227	1.5	0.6	3.7	615	359,636	2.4	1.2	4.8
75+	701	526,577	3.2	1.7	5.9	670	512,421	2.0	1.0	3.9
Ethnicity[1]										
Malay	12,209	9,815,036	2.0	1.6	2.5	11,916	9,643,216	1.2	0.9	1.6
Chinese	3,022	4,500,370	4.3	3.4	5.3	3,026	4,537,837	1.4	0.9	2.1
Indian	1,355	1,313,494	3.5	2.0	6.0	1,351	1,327,340	1.5	0.9	2.5
Bumiputera Sabah	865	937,051	0.8	0.3	1.8	828	907,987	2.1	1.2	3.5
Bumiputera Sarawak	558	858,553	1.4	0.7	2.7	542	841,064	2.4	1.3	4.2
Orang Asli	65	37,544	0.0	-	-	65	37,744	0.0	-	-
Others	1,232	1,902,371	1.9	1.1	3.1	1,309	2,056,626	2.1	1.4	3.4
Citizenship										
Malaysian	18,298	17,726,326	2.6	2.2	3.0	17,947	17,566,652	1.4	1.1	1.6
Non Malaysian	1,013	1,639,797	2.3	1.4	3.8	1,095	1,786,867	2.6	1.6	4.0

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "spoor" %	95 % CI LL	95 % CI UL	Count, n (unweighted)	Estimated population, N (weighted)	reporting "spoor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,311**	**19,366,123**	**2.5**	**2.2**	**3.0**	**19,042**	**19,353,519**	**1.5**	**1.2**	**1.7**
Marital status										
Never married	4,008	5,340,655	2.7	2.1	3.6	4,012	5,400,079	1.2	0.8	1.8
Married	13,438	12,687,951	2.5	2.1	2.9	13,251	12,664,936	1.5	1.2	1.9
Widow/Widower/Divorcee	1,865	1,337,517	2.5	1.7	3.9	1,779	1,288,504	2.1	1.4	3.3
Education level[1]										
No formal education	1,264	1,065,760	1.4	0.8	2.7	1,212	1,047,135	3.3	2.1	5.1
Primary	4,571	3,858,584	2.0	1.5	2.7	4,452	3,827,070	2.5	1.9	3.1
Secondary	8,964	9,061,619	2.2	1.8	2.7	8,848	9,045,283	1.2	0.9	1.6
Tertiary	4,302	5,114,111	3.8	3.0	4.9	4,321	5,162,847	0.9	0.6	1.4
Unclassified	192	248,570	2.1	0.8	5.9	193	253,895	1.0	0.3	3.8
Occupation[1]										
Government /Semi-government employee	2,185	1,912,524	2.4	1.6	3.5	2,164	1,899,561	1.2	0.7	2.1
Private employee	5,794	7,498,129	2.3	1.8	2.8	5,866	7,691,761	0.9	0.6	1.4
Self-employed	3,749	3,300,875	2.5	1.9	3.3	3,654	3,241,418	2.3	1.6	3.1
Unpaid worker/homemaker	3,265	2,819,541	2.7	1.9	3.7	3,192	2,775,262	1.9	1.4	2.5
Retiree	771	596,453	1.7	0.8	3.4	746	584,219	0.4	0.1	1.1
Unemployed	3,013	2,528,792	2.4	1.6	3.4	2,891	2,449,537	2.0	1.4	2.7
Student	532	708,446	6.4	4.1	9.9	527	710,399	1.9	0.9	4.0
Household Income Group (RM)										
Less than RM1,000	3,128	2,616,676	2.1	1.4	3.0	2,989	2,539,761	2.2	1.6	2.9
RM1,000 – RM1,999	3,534	3,192,455	1.6	1.0	2.5	3,432	3,146,803	2.1	1.5	2.8
RM2,000 – RM2,999	3,291	3,163,313	1.9	1.4	2.7	3,242	3,148,268	1.6	1.0	2.4
RM3,000 – RM3,999	2,449	2,506,690	2.0	1.4	2.9	2,421	2,493,846	1.0	0.6	1.6
RM4,000 – RM4,999	1,756	1,940,537	3.0	2.0	4.6	1,746	1,941,852	1.2	0.6	2.4
RM5,000 – RM5,999	1,356	1,523,091	3.1	1.9	5.0	1,366	1,552,226	1.3	0.7	2.4
RM6,000 – RM6,999	913	994,688	1.8	1.0	3.1	923	1,021,268	0.5	0.2	1.3
RM7,000 – RM7,999	745	788,599	3.1	1.8	5.0	741	792,431	1.4	0.4	5.2
RM8,000 – RM8,999	566	653,275	4.2	2.6	6.7	570	657,813	1.1	0.4	2.8
RM9,000 – RM9,999	303	345,958	2.3	1.1	4.8	302	347,963	1.9	0.7	5.2
RM10,000 and above	1,270	1,640,841	5.6	3.9	8.0	1,310	1,711,289	1.0	0.5	1.8
Household Income Quintiles										
Q1 (20% poorest)	2,686	2,233,675	2.2	1.5	3.1	2,566	2,172,994	2.1	1.6	2.9
Q2	3,630	3,311,665	1.6	1.0	2.5	3,520	3,252,019	2.0	1.4	2.7
Q3	4,186	4,021,368	1.9	1.4	2.6	4,125	4,012,892	1.5	1.0	2.2
Q4	3,998	4,279,029	2.7	2.1	3.6	3,969	4,272,249	1.1	0.7	1.8
Q5 (20% richest)	4,811	5,520,386	3.5	2.8	4.4	4,862	5,643,365	1.1	0.8	1.7
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,080	3,962,304	1.0	0.7	1.6	3,966	3,935,854	1.9	1.4	2.6
Q2	4,280	3,834,826	1.6	1.2	2.3	4,182	3,780,114	1.7	1.2	2.4
Q3	3,975	3,842,990	2.5	1.8	3.4	3,922	3,837,132	1.1	0.8	1.7
Q4	3,828	3,885,549	2.8	2.2	3.6	3,800	3,906,628	1.3	0.9	1.8
Q5 (20% richest)	3,148	3,840,744	4.8	3.7	6.2	3,172	3,894,080	1.3	0.8	2.0

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.21: Availability of laboratory tests - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population, N (weighted)	%	95 % CI LL	UL
MALAYSIA	**18,914**	**18,945,636**	**2.9**	**2.5**	**3.4**	**18,553**	**18,843,743**	**2.8**	**2.4**	**3.2**
State										
Johor	1,657	2,157,552	3.3	2.3	4.9	1,637	2,167,044	2.7	1.7	4.4
Kedah	1,229	1,286,021	1.8	1.1	3.0	1,193	1,264,230	4.1	2.7	6.3
Kelantan	1,145	981,036	0.4	0.1	0.9	1,051	904,337	1.3	0.7	2.2
Melaka	1,111	546,515	0.8	0.3	1.8	1,102	543,208	0.1	0.0	0.6
Negeri Sembilan	1,206	644,574	0.6	0.2	1.4	1,176	635,789	0.6	0.3	1.4
Pahang	1,164	938,600	1.5	0.8	2.8	1,177	958,415	3.3	2.0	5.5
Pulau Pinang	1,234	1,085,839	7.1	4.9	10.1	1,221	1,088,870	5.4	3.4	8.7
Perak	1,313	1,564,178	3.2	1.7	5.8	1,312	1,565,012	2.9	1.6	5.0
Perlis	1,255	156,611	0.7	0.2	2.4	1,161	147,575	0.8	0.3	1.9
Selangor	2,607	3,911,438	3.1	2.3	4.1	2,615	3,948,486	2.3	1.6	3.4
Terengganu	1,170	670,617	0.5	0.2	1.1	1,164	667,204	1.0	0.5	1.8
Sabah/Labuan	1,537	2,192,384	2.1	1.2	3.5	1,485	2,140,132	3.7	2.8	4.7
Sarawak	1,170	1,636,366	4.5	3.0	6.6	1,129	1,598,486	3.3	2.3	4.8
WP Kuala Lumpur	633	1,125,637	5.6	3.6	8.6	648	1,166,790	2.7	1.6	4.4
WP Putrajaya	483	48,268	0.7	0.2	2.0	482	48,165	0.2	0.0	1.2
Location										
Urban	10,856	14,395,706	3.1	2.7	3.7	10,801	14,439,421	2.5	2.1	3.0
Rural	8,058	4,549,930	2.2	1.8	2.8	7,752	4,404,322	3.6	2.9	4.5
Sex										
Male	8,953	9,697,343	2.8	2.3	3.4	8,823	9,708,682	3.0	2.5	3.6
Female	9,961	9,248,294	3.0	2.5	3.6	9,730	9,135,061	2.6	2.1	3.1
Age Group (Years)										
18-19	744	883,658	4.1	2.6	6.5	735	880,475	1.5	0.7	3.0
20-24	1,796	2,669,297	3.3	2.3	4.6	1,795	2,676,063	2.1	1.4	3.1
25-29	2,058	2,592,096	2.9	2.1	3.9	2,045	2,604,349	3.5	2.5	4.8
30-34	1,994	2,448,870	3.4	2.6	4.6	1,981	2,468,629	2.7	1.9	3.8
35-39	1,816	1,933,706	2.8	2.0	4.0	1,800	1,929,850	2.4	1.6	3.6
40-44	1,709	1,738,486	2.4	1.6	3.5	1,686	1,744,282	2.6	1.8	3.6
45-49	1,795	1,600,394	2.9	2.0	4.3	1,767	1,590,833	2.5	1.6	3.8
50-54	1,829	1,431,313	2.5	1.6	3.7	1,786	1,418,817	3.5	2.5	4.8
55-59	1,616	1,208,730	3.0	1.9	4.5	1,562	1,181,492	2.8	1.9	4.3
60-64	1,282	895,571	2.1	1.3	3.5	1,234	867,096	3.9	2.7	5.6
65-69	961	659,072	2.2	1.2	4.3	927	641,389	4.2	2.6	6.6
70-74	642	374,179	1.6	0.8	3.1	594	346,939	3.1	1.7	5.7
75+	672	510,265	3.6	2.2	6.0	641	493,529	3.1	1.8	5.2
Ethnicity'										
Malay	12,017	9,672,977	2.5	2.0	3.0	11,659	9,447,256	2.3	1.9	2.8
Chinese	2,944	4,401,984	4.2	3.3	5.3	2,962	4,467,537	2.9	2.1	3.9
Indian	1,332	1,298,756	2.7	1.7	4.4	1,324	1,308,528	3.6	2.4	5.4
Bumiputera Sabah	849	921,253	1.5	0.7	3.4	796	873,627	2.8	1.9	4.3
Bumiputera Sarawak	545	830,727	4.8	2.9	7.8	517	799,737	4.7	3.0	7.4
OrangAsli	63	36,496	0.0	-	-	63	36,696	11.4	2.7	37.5
Others	1,159	1,781,739	2.4	1.6	3.6	1,227	1,908,656	3.5	2.5	4.9
Citizenship										
Malaysian	17,977	17,423,340	2.9	2.5	3.4	17,542	17,199,520	2.7	2.3	3.1
Non Malaysian	937	1,522,296	2.7	1.8	4.1	1,011	1,644,223	4.0	2.8	5.7

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "spoor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population, N (weighted)	reporting "spoor" %	95 % CI LL	95 % CI UL
MALAYSIA	**18,914**	**18,945,636**	**2.9**	**2.5**	**3.4**	**18,553**	**18,843,743**	**2.8**	**2.4**	**3.2**
Marital status										
Never married	3,888	5,189,356	3.4	2.7	4.3	3,879	5,231,626	2.1	1.6	2.9
Married	13,205	12,440,430	2.6	2.2	3.1	12,950	12,359,447	2.9	2.5	3.4
Widow/Widower/Divorcee	1,821	1,315,850	3.8	2.7	5.2	1,724	1,252,670	4.2	3.0	5.7
Education level[1]										
No formal education	1,222	1,039,057	1.7	1.0	2.9	1,160	1,009,027	5.0	3.4	7.4
Primary	4,451	3,739,881	3.0	2.4	3.8	4,302	3,667,822	3.9	3.2	4.8
Secondary	8,807	8,897,398	2.6	2.1	3.2	8,647	8,841,038	2.1	1.7	2.6
Tertiary	4,240	5,023,291	3.7	3.0	4.6	4,249	5,071,383	2.8	2.1	3.7
Unclassified	177	228,731	1.2	0.2	6.1	180	237,386	2.4	0.8	6.6
Occupation[1]										
Government/ Semi-government employee	2,161	1,889,821	1.8	1.2	2.8	2,127	1,866,658	2.7	1.8	3.9
Private employee	5,666	7,319,278	3.2	2.6	4.0	5,716	7,483,683	2.7	2.2	3.4
Self-employed	3,662	3,225,684	3.1	2.4	4.0	3,561	3,156,591	3.2	2.4	4.1
Unpaid worker/homemaker	3,213	2,771,381	2.2	1.6	3.0	3,111	2,707,564	2.8	2.2	3.7
Retiree	767	596,032	2.1	1.1	3.8	737	577,875	1.8	0.9	3.3
Unemployed	2,927	2,454,054	3.3	2.5	4.4	2,786	2,356,505	3.0	2.2	4.2
Student	516	688,023	4.0	2.5	6.5	513	693,504	2.0	0.9	4.2
Household Income Group (RM)										
Less than RM1,000	3,044	2,539,382	2.8	2.1	3.8	2,886	2,444,622	3.6	2.8	4.6
RM1,000–RM1,999	3,445	3,100,724	2.6	1.9	3.4	3,319	3,028,436	3.3	2.4	4.4
RM2,000–RM2,999	3,233	3,114,846	2.6	1.9	3.5	3,160	3,074,990	2.4	1.8	3.4
RM3,000–RM3,999	2,402	2,454,344	3.0	2.2	4.1	2,367	2,429,794	3.2	2.3	4.4
RM4,000–RM4,999	1,723	1,910,547	2.9	2.0	4.4	1,707	1,904,164	2.0	1.2	3.3
RM5,000–RM5,999	1,340	1,496,461	2.5	1.6	4.0	1,344	1,522,555	1.7	1.0	2.8
RM6,000–RM6,999	900	976,060	2.1	1.2	3.8	906	998,622	2.5	1.4	4.3
RM7,000–RM7,999	727	769,129	4.5	2.8	7.2	722	772,617	2.8	1.6	4.9
RM8,000–RM8,999	556	636,518	5.4	3.5	8.2	558	641,888	3.6	2.0	6.1
RM9,000–RM9,999	299	340,876	4.2	2.2	7.8	297	345,119	1.8	0.6	5.1
RM10,000 and above	1,245	1,606,751	3.1	2.1	4.4	1,287	1,680,937	2.8	1.8	4.2
Household Income Quintiles										
Q1 (20% poorest)	2,615	2,170,941	3.0	2.2	4.0	2,477	2,092,103	3.2	2.4	4.3
Q2	3,538	3,213,174	2.5	1.8	3.3	3,405	3,127,909	3.1	2.5	4.0
Q3	4,112	3,959,016	3.0	2.3	3.9	4,021	3,921,030	3.2	2.4	4.4
Q4	3,920	4,191,935	2.8	2.2	3.7	3,883	4,175,339	2.1	1.6	2.9
Q5 (20% richest)	4,729	5,410,571	3.2	2.6	3.9	4,767	5,527,362	2.6	2.0	3.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	3,976	3,855,049	2.4	1.7	3.4	3,820	3,779,578	3.9	3.0	5.0
Q2	4,187	3,750,315	2.2	1.7	2.9	4,067	3,674,550	2.4	1.8	3.4
Q3	3,899	3,763,925	2.5	1.9	3.4	3,827	3,737,716	2.4	1.8	3.3
Q4	3,760	3,815,633	3.2	2.5	4.1	3,723	3,830,356	2.6	1.9	3.4
Q5 (20% richest)	3,092	3,761,004	4.3	3.4	5.4	3,116	3,821,827	2.6	2.0	3.5

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.22: Availability of specialist(s) at the specialist clinic - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**18,928**	**18,953,134**	**4.9**	**4.3**	**5.5**	**18,645**	**18,910,858**	**3.3**	**2.9**	**3.7**
State										
Johor	1,637	2,134,236	8.8	6.5	11.9	1,628	2,152,006	3.7	2.5	5.5
Kedah	1,236	1,291,578	6.6	4.4	9.8	1,201	1,272,800	6.7	4.6	9.6
Kelantan	1,153	986,713	0.7	0.3	1.4	1,056	906,297	2.0	1.2	3.5
Melaka	1,113	547,928	5.5	2.8	10.3	1,110	546,774	3.9	1.7	8.7
Negeri Sembilan	1,206	645,035	2.1	1.0	4.5	1,182	637,857	0.3	0.1	0.9
Pahang	1,168	940,746	1.9	1.0	3.5	1,183	962,186	4.1	2.6	6.3
Pulau Pinang	1,237	1,089,018	11.4	8.4	15.4	1,232	1,097,348	3.8	2.2	6.5
Perak	1,330	1,582,079	2.0	1.2	3.3	1,325	1,582,817	1.9	1.0	3.6
Perlis	1,242	155,110	2.4	1.2	4.8	1,157	147,355	1.1	0.5	2.4
Selangor	2,601	3,902,668	4.5	3.4	5.9	2,620	3,947,248	2.3	1.6	3.4
Terengganu	1,179	678,745	0.6	0.3	1.3	1,176	677,953	0.7	0.3	1.4
Sabah/Labuan	1,526	2,181,162	2.5	1.7	3.5	1,486	2,142,392	4.3	3.1	5.9
Sarawak	1,180	1,636,860	8.1	6.2	10.5	1,155	1,620,105	4.6	3.3	6.4
WP Kuala Lumpur	636	1,132,881	4.9	3.1	7.9	650	1,169,346	2.9	1.7	4.9
WP Putrajaya	484	48,374	0.2	0.0	1.7	484	48,374	0.3	0.0	1.8
Location										
Urban	10,840	14,400,960	4.9	4.3	5.6	10,826	14,464,414	2.9	2.4	3.4
Rural	8,079	4,552,174	4.8	3.8	6.0	7,819	4,446,444	4.5	3.7	5.4
Sex										
Male	8,963	9,700,653	4.9	4.2	5.6	8,875	9,763,097	3.2	2.7	3.9
Female	9,965	9,252,480	4.9	4.2	5.7	9,770	9,147,761	3.3	2.8	3.9
Age Group (Years)										
18-19	754	891,052	4.6	3.1	6.7	748	895,110	2.9	1.7	5.0
20-24	1,802	2,676,511	3.7	2.8	5.0	1,801	2,682,267	2.8	2.0	4.0
25-29	2,059	2,589,004	5.1	4.0	6.4	2,054	2,604,095	3.3	2.4	4.6
30-34	1,998	2,449,783	5.3	4.0	6.8	1,990	2,472,101	2.9	2.1	4.0
35-39	1,805	1,924,266	4.9	3.8	6.4	1,799	1,932,782	3.4	2.4	4.7
40-44	1,717	1,747,675	4.8	3.7	6.2	1,701	1,761,166	3.0	2.2	4.2
45-49	1,796	1,604,053	5.1	3.9	6.7	1,777	1,597,841	2.2	1.5	3.3
50-54	1,820	1,425,768	4.6	3.5	6.1	1,781	1,414,243	4.0	3.0	5.3
55-59	1,614	1,204,846	5.5	4.2	7.3	1,572	1,187,468	3.5	2.5	4.9
60-64	1,286	899,210	5.1	3.4	7.5	1,242	876,635	4.5	3.0	6.6
65-69	964	661,128	5.5	3.9	7.8	939	646,093	5.2	3.5	7.7
70-74	640	371,519	3.3	1.8	6.0	598	349,339	3.8	2.1	6.7
75+	673	508,319	6.7	4.5	9.8	643	491,718	4.3	2.7	6.6
Ethnicity[1]										
Malay	12,019	9,670,908	4.3	3.6	5.0	11,712	9,481,945	3.0	2.5	3.6
Chinese	2,948	4,406,748	7.2	5.8	8.8	2,962	4,451,763	3.1	2.3	4.2
Indian	1,338	1,298,868	4.3	2.9	6.2	1,338	1,317,409	2.8	1.8	4.2
Bumiputera Sabah	842	915,396	2.9	1.9	4.5	802	882,317	4.1	2.8	5.9
Bumiputera Sarawak	542	826,408	7.5	5.2	10.5	524	807,354	6.8	4.7	9.7
OrangAsli	63	36,244	0.0	-	-	63	36,210	14.3	3.7	42.1
Others	1,171	1,796,857	2.8	1.8	4.3	1,239	1,932,153	3.1	2.0	4.7
Citizenship										
Malaysian	17,983	17,417,147	5.0	4.5	5.7	17,619	17,238,925	3.3	2.8	3.7
Non Malaysian	945	1,535,987	3.0	1.8	5.0	1,026	1,671,933	3.4	2.2	5.2

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**18,928**	**18,953,134**	**4.9**	**4.3**	**5.5**	**18,645**	**18,910,858**	**3.3**	**2.9**	**3.7**
Marital status										
Never married	3,900	5,192,919	4.5	3.7	5.5	3,907	5,255,040	2.7	2.1	3.5
Married	13,202	12,445,154	5.0	4.4	5.6	13,002	12,399,283	3.4	2.9	3.9
Widow/Widower/Divorcee	1,826	1,315,061	5.2	3.8	7.2	1,736	1,256,535	4.4	3.3	6.0
Education level[1]										
No formal education	1,233	1,040,296	3.9	2.6	5.6	1,175	1,012,183	4.8	3.4	6.8
Primary	4,449	3,744,534	4.4	3.5	5.4	4,332	3,702,609	4.0	3.2	4.9
Secondary	8,823	8,918,616	4.6	3.9	5.3	8,692	8,873,870	2.9	2.4	3.5
Tertiary	4,231	5,008,037	6.1	5.2	7.2	4,248	5,063,314	3.1	2.4	4.0
Unclassified	175	226,688	2.7	0.9	7.8	182	241,593	2.4	0.8	6.5
Occupation[1]										
Government/ Semi-government employee	2,163	1,884,003	4.7	3.6	6.1	2,136	1,863,143	3.7	2.7	5.0
Private employee	5,671	7,324,425	4.6	3.9	5.5	5,747	7,517,350	2.7	2.1	3.3
Self-employed	3,678	3,236,596	5.6	4.5	6.8	3,579	3,177,913	4.1	3.3	5.2
Unpaid worker/homemaker	3,201	2,767,871	4.8	3.8	6.1	3,118	2,708,209	3.3	2.6	4.2
Retiree	760	588,643	3.8	2.4	6.0	736	576,774	1.9	1.1	3.4
Unemployed	2,932	2,456,241	4.7	3.7	5.9	2,811	2,368,486	4.1	3.2	5.2
Student	521	693,992	6.6	4.0	10.5	516	697,620	2.7	1.5	5.0
Household Income Group (RM)										
Less than RM1,000	3,047	2,546,626	5.0	3.9	6.3	2,903	2,456,683	3.8	2.9	5.0
RM1,000–RM1,999	3,457	3,110,480	4.0	3.2	5.0	3,342	3,054,669	4.0	3.1	5.0
RM2,000–RM2,999	3,236	3,103,364	3.8	2.9	5.0	3,177	3,072,005	3.3	2.5	4.4
RM3,000–RM3,999	2,403	2,464,252	5.1	3.9	6.6	2,381	2,455,258	3.3	2.5	4.3
RM4,000–RM4,999	1,726	1,915,667	5.6	4.2	7.4	1,714	1,907,222	2.3	1.5	3.5
RM5,000–RM5,999	1,343	1,504,732	4.3	3.1	5.9	1,351	1,526,952	2.7	1.8	3.9
RM6,000–RM6,999	896	972,285	5.0	3.1	8.0	906	997,130	1.9	1.2	3.1
RM7,000–RM7,999	725	761,412	5.9	3.8	9.2	728	773,631	3.5	1.8	6.6
RM8,000–RM8,999	552	629,094	5.9	4.0	8.6	558	642,211	4.4	2.7	7.3
RM9,000–RM9,999	298	337,933	5.1	2.7	9.1	294	339,015	2.9	1.2	6.5
RM10,000 and above	1,245	1,607,287	6.8	5.2	9.0	1,291	1,686,082	3.1	2.0	4.7
Household Income Quintiles										
Q1 (20% poorest)	2,617	2,177,901	4.9	3.8	6.4	2,490	2,101,774	3.8	2.8	5.1
Q2	3,551	3,220,670	4.3	3.4	5.3	3,429	3,152,573	3.6	2.9	4.5
Q3	4,114	3,953,050	3.9	3.1	4.9	4,042	3,926,174	3.6	2.8	4.6
Q4	3,926	4,208,929	5.4	4.4	6.6	3,904	4,196,540	2.8	2.2	3.5
Q5 (20% richest)	4,720	5,392,583	5.5	4.6	6.6	4,780	5,533,797	3.0	2.3	3.8
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	3,979	3,860,082	3.6	2.8	4.6	3,858	3,818,714	3.3	2.6	4.2
Q2	4,190	3,758,516	3.9	3.1	4.8	4,082	3,692,689	4.0	3.2	5.1
Q3	3,909	3,768,220	5.2	4.2	6.4	3,851	3,758,118	3.0	2.3	3.9
Q4	3,760	3,800,438	5.5	4.5	6.6	3,740	3,825,087	3.1	2.3	4.0
Q5 (20% richest)	3,090	3,766,165	6.3	5.1	7.7	3,114	3,816,530	2.9	2.2	3.8

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.23: Allowed to choose the doctor - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	%	95 % CI LL	UL
MALAYSIA	**18,998**	**18,994,895**	**17.6**	16.4	18.9	**18,752**	**19,003,403**	5.0	4.5	5.6
State										
Johor	1,649	2,151,658	22.6	18.4	27.5	1,647	2,161,717	5.2	3.6	7.3
Kedah	1,238	1,294,549	14.5	10.8	19.2	1,205	1,276,586	6.7	4.7	9.5
Kelantan	1,161	993,264	10.9	8.7	13.6	1,077	924,426	4.5	3.0	6.6
Melaka	1,130	554,879	8.2	5.0	13.0	1,127	554,694	5.2	2.5	10.6
Negeri Sembilan	1,187	629,549	6.5	3.7	11.2	1,165	625,083	0.5	0.2	1.4
Pahang	1,169	940,720	15.1	11.7	19.4	1,191	968,702	10.0	7.2	13.6
Pulau Pinang	1,254	1,097,332	37.8	29.5	46.9	1,251	1,114,671	6.2	4.0	9.6
Perak	1,334	1,586,158	19.8	14.1	27.1	1,332	1,589,619	2.4	1.7	3.5
Perlis	1,256	156,072	6.4	4.9	8.2	1,167	147,646	1.0	0.5	2.0
Selangor	2,610	3,924,272	18.5	16.0	21.3	2,631	3,969,582	3.2	2.3	4.3
Terengganu	1,175	675,971	6.2	4.4	8.7	1,176	676,978	3.3	2.2	5.1
Sabah/Labuan	1,521	2,153,874	7.7	5.9	9.9	1,493	2,140,660	5.2	4.0	6.7
Sarawak	1,193	1,652,625	21.9	18.2	26.2	1,166	1,633,546	10.5	7.6	14.3
WP Kuala Lumpur	638	1,135,766	26.1	20.8	32.1	651	1,171,288	3.4	2.0	5.7
WP Putrajaya	483	48,207	4.3	2.7	6.9	483	48,207	0.6	0.2	1.7
Location										
Urban	10,876	14,428,826	18.6	17.1	20.2	10,880	14,535,764	4.3	3.8	5.0
Rural	8,122	4,566,069	14.4	12.7	16.4	7,872	4,467,639	7.1	5.9	8.5
Sex										
Male	8,996	9,739,641	16.2	14.9	17.6	8,920	9,807,997	5.3	4.5	6.1
Female	10,002	9,255,253	19.1	17.5	20.7	9,832	9,195,406	4.7	4.0	5.4
Age Group (Years)										
18-19	759	901,936	16.2	13.0	20.1	750	898,284	5.7	3.8	8.5
20-24	1,808	2,669,649	17.5	15.1	20.2	1,823	2,702,630	5.4	4.2	6.8
25-29	2,060	2,580,144	19.8	17.5	22.4	2,062	2,606,003	5.8	4.5	7.4
30-34	1,993	2,444,092	19.1	16.7	21.9	1,985	2,474,700	4.7	3.5	6.2
35-39	1,819	1,943,528	16.3	14.0	18.8	1,822	1,953,596	3.8	2.9	5.0
40-44	1,718	1,755,482	17.6	15.0	20.4	1,703	1,767,404	4.8	3.6	6.2
45-49	1,806	1,611,930	16.6	14.3	19.3	1,788	1,606,663	3.8	2.8	5.2
50-54	1,830	1,432,946	16.5	14.3	19.0	1,788	1,419,132	5.1	3.9	6.7
55-59	1,622	1,207,770	16.8	14.4	19.5	1,585	1,194,787	4.5	3.4	5.9
60-64	1,287	900,522	17.1	14.2	20.4	1,244	880,216	6.5	4.7	8.9
65-69	969	658,018	16.6	13.0	20.8	941	643,597	5.2	3.7	7.4
70-74	644	374,453	15.5	11.2	21.1	605	355,763	6.2	3.9	9.8
75+	683	514,425	19.1	15.3	23.6	656	500,629	5.2	3.5	7.7
Ethnicity'										
Malay	12,063	9,683,104	16.2	14.8	17.7	11,780	9,529,011	4.7	4.1	5.4
Chinese	2,963	4,431,948	25.0	22.0	28.3	2,981	4,485,725	3.5	2.6	4.7
Indian	1,340	1,309,022	18.1	14.9	21.8	1,335	1,315,030	4.7	3.4	6.4
Bumiputera Sabah	846	915,239	7.9	5.5	11.2	809	887,591	5.0	3.4	7.2
Bumiputera Sarawak	549	844,663	21.1	16.2	27.1	535	827,931	12.1	8.7	16.5
OrangAsli	63	36,244	18.6	10.1	31.6	63	36,694	19.0	8.8	36.3
Others	1,169	1,772,969	9.5	7.4	12.1	1,244	1,919,716	6.6	4.8	9.0
Citizenship										
Malaysian	18,053	17,481,294	18.2	17.0	19.6	17,728	17,354,203	4.8	4.3	5.4
Non Malaysian	945	1,513,601	10.3	7.9	13.3	1,024	1,649,200	6.9	5.0	9.5

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**18,998**	**18,994,895**	**17.6**	16.4	18.9	**18,752**	**19,003,403**	5.0	4.5	5.6
Marital status										
Never married	3,922	5,217,510	18.6	16.7	20.6	3,934	5,288,015	5.2	4.4	6.3
Married	13,243	12,460,673	17.2	15.9	18.5	13,076	12,452,619	4.9	4.3	5.6
Widow/Widower/Divorcee	1,833	1,316,712	17.9	15.2	20.9	1,742	1,262,770	4.7	3.6	6.2
Education level[1]										
No formal education	1,242	1,048,143	12.0	9.4	15.0	1,187	1,022,449	6.7	4.9	9.1
Primary	4,472	3,740,779	16.0	14.1	18.0	4,354	3,701,248	6.5	5.5	7.6
Secondary	8,845	8,927,789	15.9	14.6	17.4	8,738	8,919,887	4.2	3.6	4.8
Tertiary	4,245	5,036,482	23.2	21.2	25.4	4,276	5,105,900	5.1	4.1	6.2
Unclassified	177	226,740	13.1	7.1	23.0	181	236,631	4.2	1.7	9.7
Occupation[1]										
Government/ Semi-government employee	2,162	1,883,052	18.5	16.1	21.2	2,145	1,878,143	5.3	4.1	7.0
Private employee	5,683	7,328,979	18.8	17.2	20.5	5,748	7,501,198	4.6	3.9	5.5
Self-employed	3,694	3,252,313	16.6	14.7	18.8	3,611	3,210,103	5.2	4.2	6.4
Unpaid worker/homemaker	3,226	2,775,349	16.1	14.1	18.4	3,153	2,739,369	4.9	3.9	6.1
Retiree	761	589,520	17.2	13.5	21.7	741	580,321	2.8	1.6	4.7
Unemployed	2,953	2,475,840	15.6	13.6	17.9	2,833	2,391,871	5.7	4.6	7.1
Student	517	688,479	20.7	16.4	25.7	519	701,036	6.9	4.5	10.5
Household Income Group (RM)										
Less than RM1,000	3,066	2,551,821	15.7	13.6	18.1	2,930	2,485,133	6.8	5.4	8.5
RM1,000–RM1,999	3,479	3,121,345	14.3	12.6	16.2	3,371	3,066,464	6.0	4.9	7.4
RM2,000–RM2,999	3,259	3,112,295	14.9	13.2	16.8	3,215	3,100,913	5.1	4.1	6.4
RM3,000–RM3,999	2,412	2,473,195	19.7	17.2	22.4	2,393	2,461,892	5.2	4.2	6.5
RM4,000–RM4,999	1,730	1,919,537	19.1	16.1	22.5	1,722	1,920,743	3.1	2.1	4.5
RM5,000–RM5,999	1,340	1,508,330	18.1	15.6	21.0	1,350	1,537,191	3.8	2.7	5.3
RM6,000–RM6,999	897	967,508	18.2	14.3	22.8	908	991,895	4.6	3.1	6.8
RM7,000–RM7,999	723	759,822	21.5	17.2	26.5	725	771,723	5.4	3.5	8.3
RM8,000–RM8,999	556	638,478	24.0	19.6	28.9	558	642,214	4.9	2.9	8.2
RM9,000–RM9,999	298	337,623	22.3	16.7	29.2	299	345,743	5.6	3.2	9.9
RM10,000 and above	1,238	1,604,940	21.2	17.6	25.3	1,281	1,679,493	3.1	1.9	4.9
Household Income Quintiles										
Q1 (20% poorest)	2,633	2,186,885	16.0	13.7	18.7	2,517	2,134,806	6.6	5.1	8.5
Q2	3,570	3,223,951	14.2	12.6	16.0	3,453	3,156,222	5.6	4.7	6.8
Q3	4,147	3,967,644	15.8	14.0	17.8	4,091	3,960,987	5.6	4.5	6.8
Q4	3,933	4,223,741	19.2	17.1	21.5	3,916	4,221,312	3.9	3.1	4.9
Q5 (20% richest)	4,715	5,392,675	20.3	18.5	22.3	4,775	5,530,077	4.4	3.6	5.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,006	3,854,849	14.2	12.4	16.3	3,885	3,815,400	6.5	5.4	7.8
Q2	4,203	3,756,758	15.6	13.8	17.6	4,104	3,698,004	6.2	5.1	7.6
Q3	3,924	3,785,784	15.8	14.0	17.8	3,874	3,784,459	5.0	4.1	6.0
Q4	3,776	3,837,963	17.2	15.2	19.4	3,756	3,861,609	4.3	3.4	5.4
Q5 (20% richest)	3,089	3,764,823	25.3	22.4	28.4	3,133	3,844,212	3.0	2.3	3.8

Notes:
1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.24: Waiting time to see doctor - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	95 % CI UL	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,285**	**19,327,841**	**25.8**	**24.6**	**27.2**	**18,993**	**19,295,995**	**3.6**	**3.2**	**4.1**
State										
Johor	1,705	2,228,660	29.1	25.0	33.5	1,694	2,246,487	4.0	2.8	5.6
Kedah	1,243	1,300,593	14.6	11.6	18.1	1,210	1,282,586	3.0	2.0	4.6
Kelantan	1,163	994,339	16.8	13.2	21.2	1,076	923,342	1.5	0.9	2.4
Melaka	1,133	555,715	18.7	13.2	25.8	1,128	555,779	1.4	0.6	3.0
Negeri Sembilan	1,224	652,141	9.5	7.2	12.4	1,192	642,181	0.9	0.4	2.0
Pahang	1,184	956,451	18.4	15.0	22.3	1,204	981,617	2.2	1.3	3.6
Pulau Pinang	1,271	1,109,629	49.1	42.7	55.6	1,267	1,125,404	8.2	5.1	12.8
Perak	1,344	1,596,317	32.7	26.4	39.7	1,342	1,597,058	4.0	2.7	6.0
Perlis	1,272	157,998	18.0	14.8	21.6	1,179	148,424	1.7	0.8	3.3
Selangor	2,651	3,985,104	32.6	29.5	35.9	2,668	4,022,939	3.4	2.5	4.6
Terengganu	1,186	681,922	15.3	11.5	20.1	1,182	679,845	2.2	1.5	3.3
Sabah/Labuan	1,563	2,221,764	18.6	15.7	21.8	1,530	2,199,101	4.0	2.9	5.4
Sarawak	1,220	1,697,144	20.8	16.8	25.4	1,181	1,662,089	4.4	2.9	6.8
WP Kuala Lumpur	642	1,142,291	32.8	28.6	37.2	656	1,180,768	3.6	2.2	5.9
WP Putrajaya	484	48,374	19.1	14.8	24.4	484	48,374	0.2	0.0	1.4
Location										
Urban	11,045	14,677,150	28.0	26.5	29.6	11,021	14,755,739	3.6	3.1	4.2
Rural	8,240	4,650,691	19.0	17.0	21.1	7,972	4,540,256	3.5	2.8	4.4
Sex										
Male	9,130	9,898,739	25.6	24.0	27.3	9,028	9,954,827	3.7	3.2	4.4
Female	10,155	9,429,102	26.1	24.6	27.6	9,965	9,341,168	3.4	2.9	4.0
Age Group (Years)										
18-19	769	911,601	26.7	22.8	31.1	757	906,967	5.8	4.1	8.1
20-24	1,834	2,715,381	26.1	23.3	29.2	1,838	2,729,073	3.2	2.4	4.2
25-29	2,090	2,629,654	27.8	25.1	30.6	2,095	2,664,193	3.3	2.4	4.5
30-34	2,029	2,500,621	26.9	24.3	29.6	2,022	2,528,045	3.4	2.6	4.6
35-39	1,847	1,978,566	26.0	23.2	28.9	1,838	1,980,508	2.3	1.6	3.3
40-44	1,742	1,775,799	27.3	24.5	30.2	1,722	1,783,355	3.3	2.4	4.7
45-49	1,830	1,638,420	27.0	24.1	30.0	1,804	1,624,490	4.2	3.1	5.5
50-54	1,852	1,454,484	24.2	21.5	27.0	1,811	1,444,611	3.8	2.8	5.2
55-59	1,645	1,231,827	24.4	21.6	27.5	1,609	1,218,536	4.6	3.3	6.3
60-64	1,310	914,773	23.0	19.9	26.5	1,266	893,109	3.7	2.6	5.3
65-69	978	667,121	20.8	17.4	24.7	951	654,497	3.2	2.1	4.8
70-74	657	381,917	20.2	15.5	25.9	631	357,811	2.9	1.6	5.3
75+	702	527,676	22.8	18.7	27.4	669	510,799	5.9	3.8	9.1
Ethnicity[1]										
Malay	12,203	9,813,201	25.2	23.5	27.0	11,895	9,634,906	3.1	2.5	3.8
Chinese	3,016	4,493,030	33.6	30.6	36.7	3,022	4,531,047	4.0	3.1	5.1
Indian	1,358	1,319,585	25.4	21.7	29.4	1,352	1,327,852	3.9	2.7	5.5
Bumiputera Sabah	866	937,953	17.3	13.6	21.8	874	904,185	3.3	2.0	5.2
Bumiputera Sarawak	561	864,618	20.0	14.9	26.4	538	835,359	6.5	3.9	10.7
OrangAsli	65	37,544	25.7	10.2	51.1	64	37,294	3.2	0.8	11.8
Others	1,211	1,859,306	17.9	14.9	21.3	1,293	2,023,647	3.7	2.7	5.2
Citizenship										
Malaysian	18,292	17,729,899	26.7	25.4	28.1	17,917	17,546,311	3.6	3.1	4.1
Non Malaysian	993	1,597,942	16.3	13.7	19.9	1,076	1,749,685	3.5	2.3	5.1

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count, n (unweighted)	Estimated population, N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,285**	**19,327,841**	**25.8**	**24.6**	**27.2**	**18,993**	**19,295,995**	**3.6**	**3.2**	**4.1**
Marital status										
Never married	3,990	5,320,105	28.8	26.6	31.0	3,992	5,378,334	3.6	3.0	4.5
Married	13,429	12,668,162	25.2	23.8	26.6	13,229	12,632,699	3.6	3.1	4.2
Widow/Widower/Divorcee	1,866	1,339,575	20.4	17.7	23.4	1,772	1,284,962	2.9	2.0	4.1
Education level[1]										
No formal education	1,266	1,066,259	16.2	13.3	19.6	1,207	1,036,998	5.3	3.6	7.8
Primary	4,563	3,840,215	21.5	19.6	23.6	4,436	3,800,151	4.4	3.6	5.3
Secondary	8,950	9,050,182	25.4	23.8	27.0	8,827	9,032,613	3.7	3.1	4.3
Tertiary	4,299	5,107,866	32.4	30.3	34.5	4,315	5,155,090	2.6	2.0	3.4
Unclassified	189	245,840	17.1	11.0	25.7	192	253,855	2.2	0.9	5.3
Occupation[1]										
Government/ Semi-government employee	2,187	1,914,806	26.1	23.3	29.2	2,164	1,898,743	2.6	1.8	3.8
Private employee	5,774	7,466,236	28.7	26.9	30.6	5,844	7,656,793	3.3	2.7	4.1
Self-employed	3,745	3,297,828	24.8	22.6	27.1	3,645	3,238,383	4.2	3.3	5.2
Unpaid worker/homemaker	3,267	2,819,137	23.8	21.5	26.2	3,181	2,770,111	3.8	3.0	4.8
Retiree	771	596,797	26.8	22.1	31.9	744	581,978	2.8	1.6	4.8
Unemployed	3,009	704,680	19.6	17.3	22.1	2,885	2,435,958	3.9	3.0	5.0
Student	530	704,680	29.7	24.7	35.3	528	712,668	4.9	3.2	7.4
Household Income Group (RM)										
Less than RM1,000	3,123	2,613,126	20.2	18.1	22.5	2,979	2,527,208	4.1	3.2	5.3
RM1,000–RM1,999	3,529	3,184,852	19.5	17.2	21.9	3,418	3,137,001	4.0	3.1	5.1
RM2,000–RM2,999	3,290	3,155,417	25.3	23.0	27.7	3,231	3,132,595	3.8	3.0	4.9
RM3,000–RM3,999	2,447	2,505,887	28.7	26.0	31.6	2,419	2,491,805	3.7	2.8	4.9
RM4,000–RM4,999	1,753	1,938,014	29.1	25.9	32.4	1,742	1,939,388	3.0	1.9	4.5
RM5,000–RM5,999	1,356	1,525,254	29.0	25.5	32.7	1,366	1,553,456	3.6	2.5	5.3
RM6,000–RM6,999	912	991,443	26.2	22.1	30.6	921	1,016,018	3.5	2.3	5.4
RM7,000–RM7,999	744	786,092	31.4	26.5	36.7	740	788,000	2.2	1.1	3.8
RM8,000–RM8,999	565	649,554	36.0	30.3	42.0	568	653,915	4.3	2.3	8.1
RM9,000–RM9,999	303	345,958	31.2	24.7	38.5	301	347,894	3.9	1.9	7.8
RM10,000 and above	1,263	1,632,244	29.2	25.8	32.9	1,308	1,708,717	2.3	1.4	3.8
Household Income Quintiles										
Q1 (20% poorest)	2,682	2,233,123	19.6	17.4	22.0	2,557	2,163,270	4.1	3.1	5.4
Q2	3,624	3,301,063	19.7	17.5	22.1	3,504	3,236,462	3.9	3.1	5.0
Q3	4,189	4,019,807	26.0	23.9	28.2	4,116	4,001,608	3.7	3.0	4.6
Q4	3,989	4,271,065	28.9	26.6	31.3	3,961	4,266,165	3.5	2.8	4.5
Q5 (20% richest)	4,801	5,502,783	29.6	27.7	31.6	4,855	5,628,491	3.1	2.5	3.9
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,070	3,946,851	19.8	17.9	21.8	3,954	3,917,060	3.9	3.1	4.8
Q2	4,276	3,834,683	22.5	20.3	25.0	4,164	3,767,036	4.1	3.0	5.5
Q3	3,973	3,834,712	26.0	23.7	28.4	3,910	3,821,499	3.4	2.7	4.2
Q4	3,824	3,878,843	27.7	25.4	30.1	3,795	3,899,177	3.5	2.8	4.4
Q5 (20% richest)	3,142	3,833,047	33.5	30.8	36.3	3,170	3,891,513	3.1	2.4	4.0

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence interval; LL = Lower Limit; UL = Upper Limit

Table 2.25: Amount of time the doctor spent with patient - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	UL	Count, n (unweighted)	Estimated population, N (weighted)	%	95 % CI LL	UL
MALAYSIA	**19,233**	**19,273,801**	**5.5**	**4.9**	**6.1**	**18,940**	**19,250,307**	**2.0**	**1.7**	**2.3**
State										
Johor	1,700	2,214,391	6.9	5.2	9.0	1,691	2,240,255	1.9	1.3	2.9
Kedah	1,240	1,298,049	3.1	2.2	4.3	1,205	1,278,482	2.6	1.7	3.9
Kelantan	1,160	992,221	1.7	0.9	3.3	1,070	917,986	0.9	0.4	2.2
Melaka	1,132	555,017	1.4	0.6	3.4	1,129	555,224	0.1	0.0	0.6
Negeri Sembilan	1,220	650,150	0.9	0.4	1.9	1,188	640,571	0.4	0.1	1.3
Pahang	1,181	952,873	2.0	1.2	3.2	1,199	977,406	1.4	0.7	3.0
Pulau Pinang	1,267	1,105,064	14.0	10.1	19.1	1,264	1,119,842	3.8	2.5	5.6
Perak	1,339	1,594,326	4.3	2.7	7.0	1,338	1,595,334	2.6	1.6	4.2
Perlis	1,268	157,787	1.0	0.5	2.0	1,173	147,847	0.7	0.2	1.8
Selangor	2,645	3,975,879	7.9	6.3	9.7	2,661	4,012,594	1.8	1.2	2.6
Terengganu	1,182	679,802	1.6	0.8	3.2	1,179	677,898	1.7	0.9	3.1
Sabah/Labuan	1,560	2,218,323	3.2	2.3	4.6	1,527	2,196,037	2.4	1.7	3.5
Sarawak	1,214	1,690,473	3.9	2.5	5.9	1,176	1,661,688	1.9	1.2	3.2
WP Kuala Lumpur	641	1,141,071	11.2	8.1	15.1	656	1,180,768	2.5	1.4	4.4
WP Putrajaya	484	48,374	1.7	0.9	3.2	484	48,374	0.3	0.1	1.3
Location										
Urban	11,010	14,629,677	6.4	5.6	7.1	10,989	14,718,945	1.9	1.6	2.3
Rural	8,223	4,644,124	2.7	2.1	3.5	7,951	4,531,362	2.2	1.7	2.8
Sex										
Male	9,115	9,888,130	5.4	4.7	6.2	9,007	9,942,791	1.9	1.5	2.3
Female	10,118	9,385,671	5.5	4.8	6.3	9,933	9,307,516	2.1	1.7	2.5
Age Group (Years)										
18-19	768	911,232	4.4	3.0	6.4	759	911,252	1.1	0.4	2.7
20-24	1,829	2,708,276	4.9	3.8	6.4	1,833	2,723,095	1.8	1.2	2.6
25-29	2,090	2,629,327	6.8	5.3	8.5	2,091	2,658,662	1.9	1.3	2.9
30-34	2,025	2,489,413	6.6	5.2	8.4	2,018	2,522,435	2.1	1.4	3.1
35-39	1,846	1,977,600	6.1	4.7	8.0	1,838	1,979,066	2.0	1.3	3.1
40-44	1,733	1,766,691	5.4	4.2	7.0	1,719	1,782,580	2.9	2.0	4.1
45-49	1,819	1,624,464	5.7	4.4	7.2	1,796	1,613,966	1.4	0.8	2.4
50-54	1,845	1,450,260	5.6	4.3	7.5	1,807	1,441,734	2.2	1.5	3.2
55-59	1,645	1,232,213	4.6	3.5	6.1	1,600	1,212,201	1.5	1.0	2.3
60-64	1,308	914,552	3.3	2.2	5.1	1,262	889,789	3.0	2.0	4.4
65-69	975	665,931	3.2	2.1	5.1	945	651,692	1.3	0.7	2.4
70-74	655	379,632	2.9	1.4	5.7	608	355,560	2.3	1.1	4.8
75+	695	524,229	5.6	3.6	8.5	664	508,275	2.8	1.5	5.1
Ethnicity[1]										
Malay	12,185	9,795,359	5.1	4.4	5.8	11,871	9,614,189	1.6	1.3	1.9
Chinese	3,000	4,476,062	7.9	6.5	9.5	3,011	4,522,954	2.3	1.7	3.3
Indian	1,353	1,317,035	6.0	4.3	8.2	1,347	1,326,341	3.3	2.1	5.2
Bumiputera Sabah	864	935,968	2.4	1.5	3.9	823	904,319	2.4	1.5	3.9
Bumiputera Sarawak	559	862,443	3.8	2.0	6.9	538	836,733	2.6	1.5	4.6
Orang Asli	65	37,544	1.9	0.2	15.4	64	37,294	0.0		
Others	1,202	1,847,685	4.1	2.7	6.0	1,281	2,006,773	1.9	1.1	3.0
Citizenship										
Malaysian	18,247	17,684,009	5.6	5.0	6.2	17,875	17,516,313	2.0	1.7	2.3
Non Malaysian	986	1,589,791	4.3	2.8	6.6	1,065	1,733,994	2.2	1.3	3.6

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count, n (unweighted)	Estimated population, N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,233**	**19,273,801**	**5.5**	**4.9**	**6.1**	**18,940**	**19,250,307**	**2.0**	**1.7**	**2.3**
Marital status										
Never married	3,979	5,305,277	5.7	4.8	6.8	3,983	5,372,893	1.6	1.2	2.1
Married	13,394	12,632,632	5.5	4.9	6.3	13,193	12,597,491	2.1	1.8	2.5
Widow/Widower/Divorcee	1,860	1,335,891	4.1	3.0	5.4	1,764	1,279,923	2.2	1.5	3.4
Education level[1]										
No formal education	1,260	1,064,931	2.6	1.7	4.0	1,201	1,036,744	2.9	1.8	4.7
Primary	4,543	3,821,804	4.2	3.3	5.4	4,410	3,775,981	2.4	1.8	3.2
Secondary	8,936	9,032,141	5.0	4.3	5.8	8,811	9,018,473	1.7	1.4	2.1
Tertiary	4,290	5,095,811	8.0	6.9	9.3	4,311	5,149,058	1.9	1.4	2.6
Unclassified	186	241,634	2.4	1.0	5.8	191	252,764	1.6	0.5	4.9
Occupation[1]										
Government /Semi-government employee	2,184	1,911,238	5.9	4.5	7.7	2,160	1,898,246	2.0	1.2	3.1
Private employee	5,761	7,446,492	6.5	5.6	7.5	5,833	7,637,606	1.9	1.5	2.4
Self-employed	3,733	3,289,197	4.7	3.8	5.7	3,634	3,232,868	2.1	1.5	2.9
Unpaid worker/homemaker	3,256	2,806,850	4.8	3.9	6.0	3,170	2,757,084	2.1	1.6	2.9
Retiree	771	598,800	5.3	3.3	8.4	744	582,810	1.3	0.6	2.9
Unemployed	2,998	2,516,200	3.3	2.5	4.3	2,870	2,429,339	2.0	1.4	2.8
Student	528	701,660	7.9	5.4	11.4	527	710,993	2.4	1.2	4.9
Household Income Group (RM)										
Less than RM1,000	3,114	2,609,392	3.5	2.7	4.6	2,963	2,520,761	2.4	1.7	3.3
RM1,000 – RM1,999	3,519	3,175,656	3.6	2.7	4.7	3,404	3,122,141	1.9	1.3	2.6
RM2,000 – RM2,999	3,285	3,148,957	4.6	3.6	5.8	3,224	3,120,372	1.8	1.2	2.6
RM3,000 – RM3,999	2,444	2,502,021	5.2	4.0	6.7	2,418	2,493,096	2.5	1.8	3.6
RM4,000 – RM4,999	1,743	1,927,305	6.9	5.4	8.7	1,736	1,932,953	1.8	1.2	2.7
RM5,000 – RM5,999	1,356	1,524,930	7.0	5.2	9.5	1,365	1,550,093	1.3	0.7	2.3
RM6,000 – RM6,999	907	982,988	6.8	4.6	10.0	919	1,013,594	1.5	0.8	2.6
RM7,000 – RM7,999	743	786,820	8.8	6.3	12.1	738	790,674	1.4	0.3	3.0
RM8,000 – RM8,999	561	644,390	6.7	4.4	9.9	566	652,823	3.0	1.6	5.5
RM9,000 – RM9,999	301	342,828	6.9	4.1	11.3	301	347,894	1.8	0.6	5.2
RM10,000 and above	1,260	1,628,514	8.2	6.3	10.5	1,306	1,705,906	2.3	1.4	3.7
Household Income Quintiles										
Q1 (20% poorest)	2,675	2,230,159	3.6	2.7	4.7	2,543	2,157,591	2.3	1.6	3.3
Q2	3,614	3,293,053	3.6	2.8	4.7	3,492	3,224,682	1.9	1.4	2.6
Q3	4,181	4,009,777	4.8	3.8	5.9	4,106	3,985,155	2.0	1.5	2.7
Q4	3,978	4,259,458	6.0	5.0	7.2	3,954	4,261,516	2.1	1.6	2.7
Q5 (20% richest)	4,785	5,481,354	7.5	6.4	8.7	4,845	5,621,360	1.8	1.4	2.4
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,055	3,928,514	3.7	2.8	4.8	3,933	3,897,875	2.2	1.7	2.9
Q2	4,267	3,825,116	3.6	2.8	4.5	4,154	3,756,257	1.9	1.4	2.6
Q3	3,965	3,830,369	5.3	4.3	6.5	3,905	3,821,569	1.9	1.3	2.6
Q4	3,815	3,869,445	5.2	4.3	6.4	3,786	3,890,583	1.9	1.3	2.7
Q5 (20% richest)	3,131	3,820,650	9.7	8.2	11.5	3,162	3,884,311	2.0	1.5	2.7

Notes:

1. [1]not including [2]missing/not applicable"
2. CI= Confidence Interval, LL = Lower Limit, UL = Upper Limit

Table 2.26 Ability of doctor to give correct diagnosis and treatment - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,164**	**19,210,247**	**2.4**	**2.0**	**2.7**	**18,868**	**19,174,323**	**1.6**	**1.3**	**1.9**
State										
Johor	1,688	2,205,268	3.5	2.5	4.8	1,678	2,224,178	2.0	1.2	3.4
Kedah	1,238	1,296,021	1.4	0.9	2.4	1,203	1,276,226	2.6	1.7	4.0
Kelantan	1,143	978,116	0.5	0.2	1.5	1,055	905,559	0.9	0.4	2.0
Melaka	1,128	552,759	1.7	0.7	4.0	1,125	552,966	0.1	0.0	0.7
Negeri Sembilan	1,221	650,426	0.7	0.2	2.0	1,191	641,853	0.4	0.1	1.3
Pahang	1,181	953,661	1.0	0.6	1.9	1,195	974,688	1.0	0.4	2.9
Pulau Pinang	1,263	1,102,082	7.2	4.6	11.0	1,261	1,116,412	3.2	1.6	6.3
Perak	1,325	1,581,488	1.5	0.8	2.7	1,319	1,579,768	1.3	0.7	2.5
Perlis	1,262	157,047	0.8	0.3	1.7	1,171	147,762	0.6	0.2	1.7
Selangor	2,636	3,960,161	2.2	1.6	3.1	2,651	3,994,395	1.2	0.8	1.9
Terengganu	1,182	679,281	0.5	0.2	1.2	1,178	677,639	1.0	0.6	1.8
Sabah/Labuan	1,558	2,219,153	1.3	0.7	2.3	1,524	2,193,921	1.7	1.0	2.6
Sarawak	1,216	1,691,517	1.6	0.9	3.0	1,178	1,661,314	1.3	0.7	2.4
WP Kuala Lumpur	639	1,134,893	6.7	4.2	10.4	655	1,179,268	2.5	1.5	4.0
WP Putrajaya	484	48,374	0.5	0.1	1.7	484	48,374	0.0	-	-
Location										
Urban	10,975	14,587,318	2.7	2.3	3.2	10,948	14,663,255	1.4	1.1	1.8
Rural	8,189	4,622,929	1.2	0.9	1.5	7,920	4,511,068	2.0	1.4	2.8
Sex										
Male	9,088	9,853,592	2.3	1.9	2.8	8,974	9,902,128	1.4	1.1	1.8
Female	10,076	9,356,655	2.5	2.0	3.0	9,894	9,272,195	1.8	1.4	2.2
Age Group (Years)										
18-19	762	904,809	2.2	1.3	3.7	753	903,269	1.2	0.6	2.6
20-24	1,823	2,702,776	2.6	1.8	3.7	1,825	2,715,553	1.4	0.9	2.3
25-29	2,086	2,628,133	2.3	1.6	3.3	2,087	2,655,256	1.7	1.0	2.6
30-34	2,013	2,471,674	3.0	2.2	4.1	2,008	2,506,347	1.1	0.7	1.9
35-39	1,838	1,968,202	1.9	1.2	2.8	1,831	1,968,983	1.7	1.0	2.7
40-44	1,732	1,767,567	2.7	1.8	3.9	1,714	1,776,927	1.5	1.0	2.4
45-49	1,816	1,622,961	3.0	2.0	4.5	1,794	1,614,047	1.6	1.0	2.6
50-54	1,840	1,446,345	1.7	1.1	2.7	1,801	1,434,792	1.4	0.9	2.3
55-59	1,641	1,227,293	2.0	1.3	3.3	1,594	1,205,845	1.2	0.7	1.9
60-64	1,301	908,467	1.9	1.0	3.4	1,254	885,828	2.6	1.6	4.2
65-69	973	665,264	1.4	0.7	2.5	945	649,439	2.3	1.3	4.2
70-74	647	375,177	1.1	0.4	2.8	603	353,182	2.5	1.3	5.0
75+	692	521,578	2.9	1.7	5.1	659	504,856	1.5	0.7	3.2
Ethnicity[1]										
Malay	12,137	9,758,768	2.0	1.6	2.6	11,824	9,569,132	1.5	1.1	1.8
Chinese	2,999	4,470,713	3.5	2.7	4.5	3,010	4,516,521	1.6	1.0	2.5
Indian	1,347	1,307,924	2.6	1.7	3.9	1,336	1,314,619	2.0	1.2	3.4
Bumiputera Sabah	861	933,158	1.4	0.7	2.8	821	901,154	1.7	0.9	3.2
Bumiputera Sarawak	557	858,717	2.0	0.9	4.5	536	833,601	2.0	1.1	3.7
OrangAsli	64	36,844	0.0	-	-	63	36,594	0.0	-	-
Others	1,194	1,842,418	1.8	1.0	3.1	1,273	2,000,997	1.4	0.8	2.5
Citizenship										
Malaysian	18,191	17,633,592	2.3	2.0	2.7	17,817	17,454,149	1.5	1.2	1.8
Non Malaysian	973	1,576,655	2.6	1.6	4.4	1,051	1,720,174	2.3	1.4	3.8

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	UL
MALAYSIA	**19,164**	**19,210,247**	**2.4**	**2.0**	**2.7**	**18,868**	**19,174,323**	**1.6**	**1.3**	**1.9**
Marital status										
Never married	3,958	5,285,381	2.5	1.9	3.2	3,958	5,442,533	1.5	1.1	2.2
Married	13,356	12,594,300	2.4	2.0	2.8	13,154	12,561,787	1.5	1.2	1.8
Widow/Widower/Divorcee	1,850	1,330,566	1.8	1.1	2.7	1,756	1,270,004	2.6	1.7	4.0
Education level[1]										
No formal education	1,248	1,055,011	1.1	0.6	2.2	1,190	1,025,629	2.2	1.3	3.5
Primary	4,516	3,793,529	1.5	1.1	2.0	4,389	3,755,545	2.2	1.7	2.9
Secondary	8,913	9,012,217	2.2	1.7	2.7	8,782	8,986,883	1.2	1.0	1.6
Tertiary	4,285	5,092,704	3.6	2.9	4.5	4,304	5,141,656	1.5	1.1	2.2
Unclassified	184	239,306	2.2	0.9	5.5	187	247,321	1.6	0.5	4.7
Occupation[1]										
Government/ Semi-government employee	2,180	1,908,619	1.3	0.8	2.1	2,157	1,893,259	1.7	1.1	2.9
Private employee	5,742	7,425,639	2.6	2.1	3.3	5,809	7,609,942	1.3	1.0	1.8
Self-employed	3,713	3,266,689	2.2	1.6	2.9	3,617	3,217,536	1.5	1.0	2.1
Unpaid worker/homemaker	3,244	2,797,744	2.5	1.9	3.3	3,160	2,747,982	1.9	1.3	2.6
Retiree	769	597,234	2.3	1.0	4.9	741	580,472	0.8	0.3	2.1
Unemployed	2,984	2,506,462	1.9	1.3	2.8	2,855	2,412,778	1.9	1.1	2.7
Student	530	706,497	4.1	2.5	6.8	527	710,993	2.4	1.2	4.8
Household Income Group (RM)										
Less than RM1,000	3,096	2,594,152	2.1	1.4	2.9	2,948	2,505,678	2.0	1.4	2.9
RM1,000–RM1,999	3,499	3,157,099	1.4	0.9	2.1	3,384	3,096,750	2.1	1.4	3.2
RM2,000–RM2,999	3,274	3,146,250	1.5	1.0	2.2	3,214	3,121,171	1.4	0.9	2.1
RM3,000–RM3,999	2,438	2,495,474	2.4	1.7	3.4	2,412	2,486,910	1.0	0.6	1.7
RM4,000–RM4,999	1,747	1,929,355	3.1	2.2	4.5	1,734	1,928,929	1.8	1.0	3.1
RM5,000–RM5,999	1,353	1,514,637	3.6	2.5	5.2	1,364	1,547,278	1.7	1.0	2.8
RM6,000–RM6,999	908	985,296	2.6	1.6	4.2	917	1,011,028	1.3	0.7	2.5
RM7,000–RM7,999	736	778,419	4.0	2.5	6.4	735	785,081	0.9	0.4	2.5
RM8,000–RM8,999	558	641,771	3.4	2.0	5.9	562	648,754	1.2	0.6	2.6
RM9,000–RM9,999	300	341,994	3.0	1.2	7.4	301	347,894	1.9	0.5	7.2
RM10,000 and above	1,255	1,625,801	2.6	1.7	4.0	1,297	1,694,850	1.1	0.6	2.2
Household Income Quintiles										
Q1 (20% poorest)	2,656	2,211,979	2.1	1.4	2.9	2,578	2,139,960	1.9	1.2	2.9
Q2	3,598	3,278,594	1.4	1.0	2.2	3,475	3,204,374	1.7	1.2	2.4
Q3	4,165	4,004,412	1.8	1.3	2.4	4,088	3,978,782	1.8	1.2	2.6
Q4	3,977	4,250,558	2.9	2.2	3.8	3,951	4,255,947	1.4	1.0	2.1
Q5 (20% richest)	4,768	5,464,703	3.0	2.4	3.8	4,826	5,595,260	1.3	1.0	1.8
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,035	3,919,779	1.1	0.7	1.6	3,914	3,884,271	1.8	1.3	2.5
Q2	4,246	3,805,841	1.7	1.3	2.3	4,129	3,732,908	2.0	1.3	2.9
Q3	3,956	3,820,407	2.0	1.5	2.8	3,895	3,808,874	1.2	0.8	1.7
Q4	3,805	3,855,879	2.4	1.7	3.3	3,780	3,881,186	1.3	0.9	2.0
Q5 (20% richest)	3,122	3,808,635	4.6	3.6	5.7	3,150	3,867,373	1.5	1.1	2.2

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval, LL = Lower Limit; UL = Upper Limit

Table 2.27: Clarity of doctor's explanation - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,208**	**19,256,631**	**2.3**	**2.0**	**2.7**	**18,903**	**19,229,150**	**1.5**	**1.3**	**1.8**
State										
Johor	1,696	2,217,492	3.1	2.2	4.3	1,688	2,242,448	1.7	0.9	3.1
Kedah	1,238	1,294,789	1.4	0.8	2.5	1,204	1,276,698	2.6	1.6	4.0
Kelantan	1,156	988,835	0.7	0.3	1.6	1,066	914,168	0.7	0.4	1.5
Melaka	1,130	553,953	1.4	0.6	3.2	1,127	554,160	0.1	0.0	0.9
Negeri Sembilan	1,220	650,150	0.6	0.2	2.0	1,189	641,370	0.4	0.1	1.3
Pahang	1,182	954,211	0.6	0.3	1.2	1,197	976,514	1.0	0.4	2.3
Pulau Pinang	1,265	1,103,277	7.2	4.8	10.7	1,256	1,114,990	2.6	1.5	4.7
Perak	1,331	1,588,008	1.8	1.1	2.9	1,330	1,589,242	0.9	0.3	2.5
Perlis	1,264	157,349	0.4	0.1	1.2	1,169	147,516	0.3	0.1	1.1
Selangor	2,639	3,965,087	2.7	2.0	3.8	2,656	4,005,673	1.3	0.9	2.0
Terengganu	1,184	681,145	0.8	0.3	1.9	1,179	679,330	0.8	0.4	1.7
Sabah/Labuan	1,561	2,220,859	0.7	0.3	1.5	1,525	2,197,350	1.4	0.9	2.2
Sarawak	1,219	1,694,829	2.3	1.1	4.4	1,178	1,662,447	2.2	1.1	4.5
WP Kuala Lumpur	639	1,137,271	4.9	3.2	7.6	655	1,178,868	2.6	1.5	4.3
WP Putrajaya	484	48,374	0.2	0.0	1.7	484	48,374	0.0	-	-
Location										
Urban	10,991	14,611,623	2.6	2.2	3.1	10,969	14,697,539	1.2	1.0	1.5
Rural	8,217	4,645,008	1.4	0.9	2.1	7,934	4,531,611	2.5	1.8	3.4
Sex										
Male	9,111	9,885,024	2.1	1.7	2.6	8,992	9,932,639	1.5	1.1	1.9
Female	10,097	9,371,606	2.5	2.0	3.0	9,911	9,296,511	1.5	1.2	2.0
Age Group (Years)										
18-19	767	911,276	2.1	1.2	3.6	755	906,477	1.7	0.9	3.2
20-24	1,827	2,703,593	2.3	1.7	3.3	1,832	2,723,754	1.3	0.8	2.4
25-29	2,091	2,633,246	2.9	1.9	4.3	2,094	2,667,342	2.1	1.2	3.5
30-34	2,016	2,477,144	2.5	1.7	3.7	2,010	2,510,541	1.3	0.8	2.1
35-39	1,841	1,973,497	2.2	1.4	3.4	1,838	1,973,898	0.6	0.3	1.2
40-44	1,737	1,774,264	2.0	1.4	3.0	1,719	1,784,621	1.5	0.9	2.4
45-49	1,820	1,627,970	2.7	1.9	3.9	1,795	1,617,506	1.1	0.6	1.9
50-54	1,839	1,445,060	1.8	1.1	2.9	1,801	1,437,627	1.5	0.9	2.6
55-59	1,639	1,227,537	2.2	1.4	3.5	1,591	1,207,602	1.0	0.6	1.6
60-64	1,304	911,964	1.4	0.7	2.7	1,258	888,098	2.2	1.3	3.5
65-69	974	665,243	2.1	1.1	4.1	945	648,735	2.9	1.5	5.4
70-74	654	379,622	1.5	0.7	3.2	606	355,514	2.9	1.5	5.7
75+	699	526,214	2.4	1.3	4.3	663	507,436	2.4	1.3	4.4
Ethnicity[1]										
Malay	12,169	9,786,914	1.8	1.5	2.3	11,844	9,592,885	1.2	1.0	1.6
Chinese	3,001	4,477,187	3.8	3.0	4.8	3,006	4,519,932	1.5	0.9	2.4
Indian	1,350	1,313,368	2.3	1.4	3.6	1,343	1,321,133	2.3	1.4	3.8
Bumiputera Sabah	863	934,976	0.5	0.2	1.6	822	903,407	2.0	1.2	3.3
Bumiputera Sarawak	559	860,829	1.9	1.0	3.7	538	836,794	2.5	1.3	4.9
OrangAsli	64	36,844	0.0	-	-	64	37,294	0.0	-	-
Others	1,197	1,844,806	2.2	1.1	4.2	1,281	2,015,999	1.7	0.9	3.6
Citizenship										
Malaysian	18,229	17,670,693	2.2	1.9	2.6	17,841	17,489,856	1.4	1.2	1.7
Non Malaysian	979	1,585,937	3.2	1.8	5.5	1,062	1,739,293	2.3	1.2	4.4

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,164**	**19,210,247**	**2.4**	**2.0**	**2.7**	**18,868**	**19,174,323**	**1.6**	**1.3**	**1.9**
Marital status										
Never married	3,958	5,285,381	2.5	1.9	3.2	3,958	5,342,533	1.5	1.1	2.2
Married	13,356	12,594,300	2.4	2.0	2.8	13,154	12,561,787	1.5	1.2	1.8
Widow/Widower/Divorcee	1,850	1,330,566	1.8	1.1	2.7	1,756	1,270,004	2.6	1.7	4.0
Education level[1]										
No formal education	1,248	1,055,011	1.1	0.6	2.2	1,190	1,025,629	2.2	1.3	3.5
Primary	4,516	3,793,529	1.5	1.1	2.0	4,389	3,755,545	2.2	1.7	2.9
Secondary	8,913	9,012,217	2.2	1.7	2.7	8,782	8,986,883	1.2	1.0	1.6
Tertiary	4,285	5,092,704	3.6	2.9	4.5	4,304	5,141,656	1.5	1.1	2.2
Unclassified	184	239,306	2.2	0.9	5.5	187	247,321	1.6	0.5	4.7
Occupation[1]										
Government/ Semi-government employee	2,180	1,908,619	1.3	0.8	2.1	2,157	1,893,259	1.7	1.1	2.9
Private employee	5,742	7,425,639	2.6	2.1	3.3	5,809	7,609,942	1.3	1.0	1.8
Self-employed	3,713	3,266,689	2.2	1.6	2.9	3,617	3,217,536	1.5	1.0	2.1
Unpaid worker/homemaker	3,244	2,797,744	2.5	1.9	3.3	3,160	2,747,982	1.9	1.3	2.6
Retiree	769	597,234	2.3	1.0	4.9	741	580,472	0.8	0.3	2.1
Unemployed	2,984	2,506,462	1.9	1.3	2.8	2,855	2,412,778	1.9	1.3	2.7
Student	530	706,497	4.1	2.5	6.8	527	710,993	2.4	1.2	4.8
Household Income Group (RM)										
Less than RM1,000	3,096	2,594,152	2.1	1.4	2.9	2,948	2,505,678	2.0	1.4	2.9
RM1,000–RM1,999	3,499	3,157,099	1.4	0.9	2.1	3,384	3,096,750	2.1	1.4	3.2
RM2,000–RM2,999	3,274	3,146,250	1.5	1.0	2.2	3,214	3,121,171	1.4	0.9	2.1
RM3,000–RM3,999	2,438	2,495,474	2.4	1.7	3.4	2,412	2,486,910	1.0	0.6	1.7
RM4,000–RM4,999	1,747	1,929,355	3.1	2.2	4.5	1,734	1,928,929	1.8	1.0	3.1
RM5,000–RM5,999	1,353	1,514,637	3.6	2.5	5.2	1,364	1,547,278	1.7	1.0	2.8
RM6,000–RM6,999	908	985,296	2.6	1.6	4.2	917	1,011,028	1.3	0.7	2.5
RM7,000–RM7,999	736	778,419	4.0	2.5	6.4	735	785,081	0.9	0.4	2.5
RM8,000–RM8,999	558	641,771	3.4	2.0	5.9	562	648,754	1.2	0.6	2.6
RM9,000–RM9,999	300	341,994	3.0	1.2	7.4	301	347,894	1.9	0.5	7.2
RM10,000 and above	1,255	1,625,801	2.6	1.7	4.0	1,297	1,694,850	1.1	0.6	2.2
Household Income Quintiles										
Q1 (20% poorest)	2,656	2,211,979	2.1	1.4	2.9	2,528	2,139,960	1.9	1.2	2.9
Q2	3,598	3,278,594	1.4	1.0	2.2	3,475	3,204,374	1.7	1.2	2.4
Q3	4,165	4,004,412	1.8	1.3	2.4	4,088	3,978,782	1.8	1.2	2.6
Q4	3,977	4,250,558	2.9	2.2	3.8	3,951	4,255,947	1.4	1.0	2.1
Q5 (20% richest)	4,768	5,464,703	3.0	2.4	3.8	4,826	5,595,260	1.3	1.0	1.8
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,085	3,919,779	1.1	0.7	1.6	3,914	3,884,271	1.8	1.3	2.5
Q2	4,246	3,805,841	1.7	1.3	2.3	4,129	3,732,908	2.0	1.3	2.9
Q3	3,956	3,820,407	2.0	1.5	2.8	3,895	3,808,874	1.2	0.8	1.7
Q4	3,805	3,855,879	2.4	1.7	3.3	3,780	3,881,186	1.3	0.9	2.0
Q5 (20% richest)	3,122	3,808,635	4.6	3.6	5.7	3,150	3,867,373	1.5	1.1	2.2

Notes:

1. [1]Not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.28: Courtesy and helpfulness - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL
MALAYSIA	**19,208**	**19,256,631**	**2.3**	**2.0**	**2.7**	**18,903**	**19,229,150**	**1.5**	**1.3**	**1.8**
State										
Johor	1,696	2,217,492	3.1	2.2	4.3	1,688	2,242,448	1.7	0.9	3.1
Kedah	1,238	1,294,789	1.4	0.8	2.5	1,204	1,276,698	2.6	1.6	4.0
Kelantan	1,156	988,835	0.7	0.3	1.6	1,066	914,168	0.7	0.4	1.5
Melaka	1,130	553,953	1.4	0.6	3.2	1,127	554,160	0.1	0.0	0.9
Negeri Sembilan	1,220	650,150	0.6	0.2	2.0	1,189	641,370	0.4	0.1	1.3
Pahang	1,182	954,211	0.6	0.3	1.2	1,197	976,514	1.0	0.4	2.3
Pulau Pinang	1,265	1,103,277	7.2	4.8	10.7	1,256	1,114,990	2.6	1.5	4.7
Perak	1,331	1,589,008	1.8	1.1	2.9	1,330	1,589,242	0.9	0.3	2.5
Perlis	1,264	157,349	0.4	0.1	1.2	1,169	147,516	0.3	0.1	1.1
Selangor	2,639	3,965,087	2.7	2.0	3.8	2,656	4,005,673	1.3	0.9	2.0
Terengganu	1,184	681,145	0.8	0.3	1.9	1,179	679,330	0.8	0.4	1.7
Sabah/Labuan	1,561	2,220,859	0.7	0.3	1.5	1,525	2,197,350	1.4	0.9	2.2
Sarawak	1,219	1,694,829	2.3	1.1	4.4	1,178	1,662,447	2.2	1.1	4.5
WP Kuala Lumpur	639	1,137,271	4.9	3.2	7.6	655	1,178,868	2.6	1.5	4.3
WP Putrajaya	484	48,374	0.2	0.0	1.7	484	48,374	0.0	-	-
Location										
Urban	10,991	14,611,623	2.6	2.2	3.1	10,969	14,697,539	1.2	1.0	1.5
Rural	8,217	4,645,008	1.4	0.9	2.1	7,934	4,531,611	2.5	1.8	3.4
Sex										
Male	9,111	9,885,024	2.1	1.7	2.6	8,992	9,932,639	1.5	1.1	1.9
Female	10,097	9,371,606	2.5	2.0	3.0	9,911	9,296,511	1.5	1.2	2.0
Age Group (Years)										
18-19	767	911,276	2.1	1.2	3.6	755	906,477	1.7	0.9	3.2
20-24	1,827	2,703,593	2.3	1.7	3.3	1,832	2,723,754	1.3	0.8	2.4
25-29	2,091	2,633,246	2.9	1.9	4.3	2,094	2,667,342	2.1	1.2	3.5
30-34	2,016	2,477,144	2.5	1.7	3.7	2,010	2,510,541	1.3	0.8	2.1
35-39	1,841	1,973,497	2.2	1.4	3.4	1,834	1,973,898	0.6	0.3	1.2
40-44	1,737	1,774,264	2.0	1.4	3.0	1,719	1,784,621	1.5	0.9	2.4
45-49	1,820	1,627,970	2.7	1.9	3.9	1,795	1,617,506	1.1	0.6	1.9
50-54	1,839	1,445,060	1.8	1.1	2.9	1,801	1,437,627	1.5	0.9	2.6
55-59	1,639	1,227,537	2.2	1.4	3.5	1,591	1,207,602	1.0	0.6	1.6
60-64	1,304	911,964	1.4	0.7	2.7	1,758	888,098	2.2	1.3	3.5
65-69	974	665,243	2.1	1.1	4.1	945	648,735	2.9	1.5	5.4
70-74	654	379,622	1.5	0.7	3.2	606	355,514	2.9	1.5	5.7
75+	699	526,214	2.4	1.3	4.3	663	507,436	2.4	1.3	4.4
Ethnicity[1]										
Malay	12,169	9,786,914	1.8	1.5	2.3	11,844	9,592,885	1.2	1.0	1.6
Chinese	3,001	4,477,187	3.8	3.0	4.8	3,006	4,519,932	1.5	0.9	2.4
Indian	1,350	1,313,368	2.3	1.4	3.6	1,343	1,321,133	2.3	1.4	3.8
Bumiputera Sabah	863	934,976	0.5	0.2	1.6	822	903,407	2.0	1.2	3.3
Bumiputera Sarawak	559	860,829	1.9	1.0	3.7	538	836,794	2.5	1.3	4.9
OrangAsli	64	36,844	0.0	-	-	64	37,294	0.0	-	-
Others	1,197	1,844,806	2.3	1.1	4.2	1,281	2,015,999	1.7	0.9	3.6
Citizenship										
Malaysian	18,229	17,670,693	2.2	1.9	2.6	17,841	17,489,856	1.4	1.2	1.7
Non Malaysian	979	1,585,937	3.2	1.8	5.5	1,062	1,739,293	2.3	1.2	4.4

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,208**	**19,256,631**	**2.3**	**2.0**	**2.7**	**18,903**	**19,229,150**	**1.5**	**1.3**	**1.8**
Marital status										
Never married	3,975	5,301,499	2.6	2.0	3.4	3,976	5,369,149	1.7	1.1	2.5
Married	13,376	12,620,854	2.2	1.8	2.6	13,166	12,583,729	1.4	1.1	1.6
Widow/Widower/Divorcee	1,857	1,334,378	2.1	1.2	3.5	1,761	1,276,271	2.4	1.5	3.7
Education level[1]										
No formal education	1,260	1,062,864	1.1	0.6	2.0	1,201	1,034,458	2.2	1.4	3.5
Primary	4,534	3,819,399	1.6	1.2	2.3	4,398	3,776,419	2.2	1.7	2.9
Secondary	8,923	9,021,392	2.0	1.6	2.6	8,789	9,000,078	1.2	0.9	1.7
Tertiary	4,288	5,094,491	3.6	2.9	4.4	4,309	5,146,742	1.3	0.9	2.0
Unclassified	185	241,005	1.4	0.5	4.2	190	254,164	1.7	0.5	5.0
Occupation[1]										
Government/ Semi-government employee	2,184	1,912,488	1.5	0.9	2.3	2,159	1,898,618	1.3	0.8	2.2
Private employee	5,751	7,440,945	2.6	2.1	3.3	5,822	7,630,752	1.5	1.1	2.1
Self-employed	3,723	3,276,789	2.0	1.5	2.7	3,625	3,229,346	1.1	0.8	1.7
Unpaid worker/homemaker	3,252	2,805,747	2.0	1.4	2.9	3,165	2,753,759	1.6	1.2	2.2
Retiree	771	598,800	1.9	0.9	4.0	742	582,360	0.4	0.1	1.3
Unemployed	2,995	2,517,290	2.4	1.6	3.4	2,862	2,422,833	2.2	1.5	3.2
Student	528	703,210	3.8	2.3	6.1	526	710,119	1.7	0.7	4.0
Household Income Group (RM)										
Less than RM1,000	3,106	2,603,160	1.9	1.4	2.7	2,956	2,517,308	1.8	1.2	2.5
RM1,000–RM1,999	3,512	3,168,699	1.7	1.0	2.8	3,397	3,113,723	2.4	1.5	3.7
RM2,000–RM2,999	3,281	3,149,998	1.7	1.2	2.5	3,216	3,123,317	1.2	0.8	1.8
RM3,000–RM3,999	2,441	2,496,739	2.6	1.7	3.8	2,412	2,485,336	1.5	1.0	2.2
RM4,000–RM4,999	1,746	1,930,901	2.6	1.8	3.8	1,714	1,933,134	1.0	0.5	1.9
RM5,000–RM5,999	1,356	1,524,288	2.9	1.9	4.3	1,365	1,552,088	1.3	0.7	2.3
RM6,000–RM6,999	909	987,772	2.5	1.5	4.1	918	1,013,613	1.6	0.8	3.0
RM7,000–RM7,999	742	786,105	3.0	1.5	5.9	740	792,532	1.9	0.6	5.8
RM8,000–RM8,999	559	643,468	3.1	1.7	5.5	562	649,134	1.2	0.5	2.9
RM9,000–RM9,999	299	338,822	1.9	0.7	4.9	301	347,894	0.8	0.1	5.3
RM10,000 and above	1,257	1,626,680	3.1	2.2	4.5	1,302	1,701,071	1.0	0.5	1.8
Household Income Quintiles										
Q1 (20% poorest)	2,667	2,221,377	2.0	1.4	2.8	2,535	2,150,815	1.7	1.2	2.6
Q2	3,607	3,288,066	1.7	1.0	2.8	3,485	3,218,883	1.9	1.2	3.0
Q3	4,176	4,010,231	2.2	1.6	3.0	4,096	3,986,113	1.8	1.2	2.6
Q4	3,979	4,257,708	2.4	1.8	3.2	3,949	4,256,630	1.0	0.7	1.5
Q5 (20% richest)	4,779	5,479,249	2.8	2.2	3.5	4,838	5,616,708	1.4	1.0	2.0
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,045	3,934,073	1.4	0.9	2.3	3,921	3,901,414	1.9	1.3	2.7
Q2	4,265	3,818,874	1.5	1.1	2.0	4,147	3,749,475	1.8	1.2	2.7
Q3	3,961	3,823,842	1.9	1.3	2.7	3,899	3,816,328	1.1	0.8	1.5
Q4	3,809	3,861,992	2.3	1.7	3.1	3,779	3,885,370	1.2	0.8	1.8
Q5 (20% richest)	3,128	3,818,145	4.4	3.5	5.6	3,157	3,876,855	1.6	1.1	2.4

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence interval; LL = Lower Limit; UL = Upper Limit

Table 2.29: Outcome of services/ treatment - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,293**	**19,347,743**	**2.4**	**2.1**	**2.8**	**18,999**	**19,315,042**	**1.1**	**0.9**	**1.4**
State										
Johor	1,704	2,228,224	2.7	2.0	3.7	1,694	2,250,990	0.9	0.5	1.6
Kedah	1,241	1,299,299	0.9	0.5	1.6	1,207	1,280,336	2.2	1.3	3.6
Kelantan	1,162	993,842	0.9	0.4	2.1	1,074	922,068	0.6	0.2	1.5
Melaka	1,134	557,075	1.6	0.7	4.1	1,131	557,282	0.0	0.0	0.1
Negeri Sembilan	1,223	651,558	0.2	0.1	0.7	1,191	641,914	0.3	0.1	1.3
Pahang	1,185	957,797	1.5	0.8	2.6	1,203	981,858	0.8	0.2	3.1
Pulau Pinang	1,272	1,112,586	5.6	3.5	8.8	1,271	1,130,737	1.3	0.7	2.5
Perak	1,345	1,599,321	0.9	0.5	1.6	1,339	1,595,389	0.9	0.5	1.8
Perlis	1,274	158,241	0.5	0.2	1.3	1,183	148,718	0.2	0.1	0.5
Selangor	2,653	3,988,212	4.1	3.2	5.4	2,667	4,019,321	0.9	0.6	1.5
Terengganu	1,185	681,634	0.5	0.2	1.2	1,180	679,819	0.3	0.1	1.1
Sabah/Labuan	1,568	2,231,232	1.2	0.7	2.0	1,532	2,205,226	1.7	1.1	2.6
Sarawak	1,219	1,694,313	2.5	1.5	4.0	1,185	1,668,658	1.5	0.8	2.9
WP Kuala Lumpur	644	1,146,035	4.0	2.4	6.7	658	1,184,352	1.8	1.0	3.2
WP Putrajaya	484	48,374	2.1	0.9	4.7	484	48,374	0.0		
Location										
Urban	11,049	14,687,315	2.7	2.3	3.2	11,023	14,762,684	1.0	0.8	1.2
Rural	8,244	4,660,428	1.5	1.2	2.0	7,976	4,552,358	1.6	1.2	2.2
Sex										
Male	9,141	9,921,479	2.1	1.7	2.6	9,031	9,970,628	1.0	0.8	1.3
Female	10,152	9,426,265	2.7	2.3	3.3	9,968	9,344,414	1.1	1.0	1.6
Age Group (Years)										
18-19	772	916,178	2.3	1.3	4.0	763	916,197	1.1	0.5	2.4
20-24	1,835	2,712,603	2.6	1.9	3.6	1,844	2,735,807	0.8	0.4	1.5
25-29	2,097	2,640,984	2.6	1.8	3.8	2,101	2,675,249	1.4	0.9	2.4
30-34	2,027	2,498,052	3.2	2.2	4.5	2,019	2,522,862	1.2	0.7	2.0
35-39	1,849	1,984,560	2.8	2.0	3.9	1,841	1,982,136	0.5	0.3	1.0
40-44	1,742	1,776,979	1.9	1.2	3.1	1,722	1,785,370	1.1	0.6	1.8
45-49	1,826	1,634,881	2.6	1.8	3.7	1,803	1,624,631	0.8	0.4	1.6
50-54	1,850	1,454,906	1.7	1.1	2.8	1,809	1,444,278	1.5	0.9	2.4
55-59	1,648	1,235,046	2.1	1.3	3.3	1,604	1,215,274	0.9	0.6	1.5
60-64	1,312	916,286	1.4	0.7	2.8	1,265	891,020	2.0	1.2	3.2
65-69	978	667,784	1.7	0.9	3.2	946	649,711	1.2	0.6	2.3
70-74	655	378,727	1.2	0.5	3.0	611	356,878	1.7	0.7	4.2
75+	702	530,756	3.1	1.7	5.6	671	515,631	2.0	1.0	4.0
Ethnicity[1]										
Malay	12,207	9,815,496	2.0	1.7	2.5	11,895	9,631,688	1.0	0.8	1.3
Chinese	3,018	4,501,574	3.8	3.0	4.8	3,022	4,534,465	1.0	0.7	1.6
Indian	1,358	1,319,585	2.4	1.4	4.0	1,351	1,327,952	1.6	0.9	2.7
Bumiputera Sabah	865	936,632	1.1	0.5	2.1	824	904,768	1.2	0.6	2.3
Bumiputera Sarawak	560	861,529	2.8	1.5	5.2	540	838,394	1.6	0.7	3.4
OrangAsli	65	37,544	2.4	0.3	19.1	64	37,294	2.4	0.3	19.2
Others	1,215	1,873,677	1.5	0.9	2.5	1,298	2,038,774	1.6	0.9	2.6
Citizenship										
Malaysian	18,293	17,731,656	2.4	2.1	2.8	17,917	17,548,675	1.1	0.9	1.3
Non Malaysian	1,000	1,616,088	2.3	1.4	3.6	1,082	1,766,367	1.9	1.1	3.1

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,293**	**19,347,743**	**2.4**	**2.1**	**2.8**	**18,999**	**19,315,042**	**1.1**	**0.9**	**1.4**
Marital status										
Never married	4,003	5,330,452	2.6	2.0	3.3	4,012	5,404,923	1.1	0.7	1.5
Married	13,426	12,678,808	2.3	2.0	2.8	13,214	12,626,808	1.1	0.9	1.4
Widow/Widower/Divorcee	1,864	1,338,484	2.4	1.6	3.7	1,773	1,283,311	1.5	0.9	2.6
Education level[1]										
No formal education	1,264	1,067,509	1.5	0.9	2.5	1,207	1,038,374	2.2	1.3	3.6
Primary	4,563	3,847,332	1.8	1.3	2.5	4,436	3,805,409	1.6	1.2	2.1
Secondary	8,961	9,061,271	2.2	1.8	2.7	8,830	9,036,479	1.1	0.8	1.4
Tertiary	4,299	5,109,755	3.4	2.7	4.3	4,317	5,159,935	0.7	0.4	1.1
Unclassified	188	244,397	2.1	0.7	5.7	193	257,556	1.0	0.3	3.8
Occupation[1]										
Government/ Semi-government employee	2,187	1,915,721	1.8	1.1	2.7	2,164	1,901,288	1.0	0.5	2.0
Private employee	5,781	7,477,354	2.6	2.1	3.2	5,855	7,670,994	0.8	0.6	1.2
Self-employed	3,740	3,294,600	2.7	2.0	3.5	3,642	3,237,783	1.2	0.8	1.8
Unpaid worker/homemaker	3,268	2,820,882	2.1	1.5	2.9	3,177	2,761,637	1.6	1.1	2.3
Retiree	773	599,319	2.1	1.0	4.4	745	584,185	0.6	0.2	1.5
Unemployed	1,017	2,533,226	1.7	1.1	2.7	2,888	2,445,125	1.6	1.1	2.4
Student	530	705,278	5.0	3.1	7.9	528	712,668	1.4	0.5	3.6
Household Income Group (RM)										
Less than RM1,000	3,125	2,617,669	2.0	1.4	2.8	2,983	2,538,013	1.7	1.2	2.5
RM1,000–RM1,999	3,531	3,189,029	1.8	1.3	2.7	3,415	3,132,527	1.5	1.1	2.2
RM2,000–RM2,999	3,291	3,161,307	2.0	1.4	2.7	3,237	3,141,398	1.0	0.6	1.6
RM3,000–RM3,999	2,449	2,505,799	3.4	2.5	4.6	2,422	2,493,357	1.2	0.8	1.9
RM4,000–RM4,999	1,750	1,934,098	2.1	1.4	3.1	1,739	1,938,658	0.7	0.3	1.5
RM5,000–RM5,999	1,357	1,524,777	2.7	1.9	3.9	1,365	1,551,232	0.9	0.4	1.9
RM6,000–RM6,999	911	990,500	2.6	1.1	5.9	921	1,016,018	0.7	0.3	1.7
RM7,000–RM7,999	744	788,020	2.3	1.2	4.2	742	793,085	0.3	0.1	1.3
RM8,000–RM8,999	562	648,700	3.9	2.4	6.4	564	651,215	1.0	0.4	2.4
RM9,000–RM9,999	302	344,637	1.5	0.5	4.4	302	349,094	2.1	0.7	7.2
RM10,000 and above	1,271	1,643,206	3.3	2.0	5.2	1,309	1,710,446	0.7	0.3	1.5
Household Income Quintiles										
Q1 (20% poorest)	2,684	2,236,117	1.9	1.3	2.9	2,561	2,172,527	1.6	1.1	2.5
Q2	3,626	3,306,789	1.9	1.3	2.7	3,502	3,234,665	1.5	1.1	2.2
Q3	4,190	4,025,532	2.2	1.7	2.9	4,118	4,002,401	1.2	0.8	1.8
Q4	3,989	4,267,348	2.8	2.2	3.6	3,965	4,273,985	0.8	0.5	1.3
Q5 (20% richest)	4,804	5,511,956	2.8	2.1	3.6	4,853	5,631,464	0.9	0.6	1.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,073	3,958,461	1.4	1.0	2.0	3,958	3,931,684	1.3	0.9	1.9
Q2	4,278	3,834,089	1.9	1.4	2.5	4,165	3,764,189	1.2	0.8	1.8
Q3	3,973	3,837,319	2.2	1.6	2.9	3,912	3,831,093	1.1	0.7	1.5
Q4	3,826	3,881,022	2.5	1.9	3.3	3,799	3,905,570	1.1	0.8	1.7
Q5 (20% richest)	3,143	3,837,145	4.2	3.2	5.4	3,165	3,882,797	1.0	0.6	1.5

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.30: Treatment charges - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	UL	Count, n (unweighted)	Estimated population, N (weighted)	reporting "≤poor" %	95 % CI LL	UL
MALAYSIA	**19,240**	**19,281,403**	**1.7**	**1.4**	**2.0**	**18,934**	**19,256,768**	**1.2**	**1.0**	**1.4**
State										
Johor	1,700	2,222,109	2.1	1.5	3.0	1,689	2,243,363	1.2	0.7	2.0
Kedah	1,242	1,299,493	0.6	0.3	1.5	1,207	1,280,030	2.4	1.5	4.0
Kelantan	1,158	990,446	0.7	0.3	1.5	1,065	913,865	0.6	0.2	1.3
Melaka	1,131	555,540	1.4	0.6	3.2	1,128	555,755	0.0	0.0	0.1
Negeri Sembilan	1,220	650,150	0.8	0.2	3.3	1,189	640,984	0.3	0.1	1.3
Pahang	1,184	956,761	0.6	0.3	1.5	1,197	979,403	1.0	0.3	3.2
Pulau Pinang	1,264	1,102,741	5.3	3.3	8.5	1,260	1,119,648	1.6	0.8	3.1
Perak	1,341	1,594,846	0.7	0.4	1.4	1,339	1,593,683	0.8	0.4	1.6
Perlis	1,268	157,499	0.5	0.2	1.2	1,172	147,963	0.2	0.1	0.9
Selangor	2,640	3,963,001	1.9	1.3	2.7	2,659	4,006,275	0.9	0.6	1.4
Terengganu	1,185	681,634	0.1	0.0	0.6	1,180	679,266	0.1	0.0	0.5
Sabah/Labuan	1,564	2,225,018	1.6	0.9	2.7	1,530	2,204,444	1.7	1.1	2.6
Sarawak	1,217	1,691,863	1.3	0.6	2.7	1,179	1,662,947	1.6	0.8	2.9
WP Kuala Lumpur	642	1,141,929	3.8	2.4	6.0	656	1,180,768	1.5	0.7	3.1
WP Putrajaya	484	48,374	0.0			484	48,374	0.2	0.0	1.2
Location										
Urban	11,008	14,628,571	2.0	1.6	2.4	10,986	14,718,620	1.0	0.8	1.3
Rural	8,232	4,652,831	0.8	0.6	1.2	7,948	4,538,147	1.7	1.2	2.3
Sex										
Male	9,122	9,891,063	1.6	1.3	2.0	9,011	9,951,865	1.0	0.8	1.4
Female	10,118	9,390,339	1.8	1.4	2.2	9,923	9,304,902	1.3	1.0	1.6
Age Group (Years)										
18-19	767	912,049	1.9	1.0	3.4	760	912,415	1.8	0.8	3.7
20-24	1,831	2,711,777	1.3	0.8	2.1	1,836	2,731,591	0.7	0.4	1.3
25-29	2,089	2,626,801	1.9	1.3	3.0	2,091	2,659,788	1.1	0.6	2.1
30-34	2,024	2,490,812	2.2	1.4	3.3	2,015	2,519,189	1.1	0.6	1.9
35-39	1,848	1,983,369	1.4	0.8	2.3	1,839	1,982,020	0.9	0.5	1.7
40-44	1,735	1,769,021	2.1	1.3	3.3	1,721	1,785,302	1.0	0.6	1.7
45-49	1,822	1,626,387	1.9	1.2	2.9	1,794	1,615,702	1.1	0.6	2.0
50-54	1,844	1,449,846	1.5	0.9	2.4	1,807	1,442,409	1.1	0.6	1.9
55-59	1,644	1,231,360	1.9	1.2	3.0	1,594	1,209,184	1.0	0.6	1.7
60-64	1,306	910,078	1.3	0.7	2.3	1,257	886,590	2.4	1.5	3.8
65-69	978	667,784	0.7	0.3	1.7	946	649,429	1.2	0.6	2.2
70-74	654	378,194	1.2	0.4	3.0	608	354,914	2.3	1.0	4.9
75+	698	523,925	2.0	1.0	3.8	666	508,235	2.2	1.1	4.2
Ethnicity[1]										
Malay	12,184	9,795,345	1.2	0.9	1.5	11,861	9,605,217	1.0	0.7	1.3
Chinese	3,000	4,476,896	2.9	2.2	3.7	3,004	4,517,496	0.8	0.5	1.4
Indian	1,355	1,313,978	2.0	1.2	3.3	1,346	1,321,096	1.6	0.9	2.8
Bumiputera Sabah	864	935,641	1.9	1.0	3.6	825	905,236	1.4	0.7	2.6
Bumiputera Sarawak	559	860,829	1.5	0.6	4.1	538	835,722	2.6	1.4	4.9
Orang Asli	65	37,544	0.0	-	-	64	37,294	0.0	-	-
Others	1,208	1,859,464	1.4	0.8	2.6	1,291	2,033,003	1.8	1.1	2.9
Citizenship										
Malaysian	18,252	17,683,696	1.6	1.4	1.9	17,864	17,502,343	1.0	0.8	1.2
Non Malaysian	988	1,597,707	2.4	1.5	4.1	1,070	1,754,425	2.6	1.6	4.1

Sociodemographic Characteristics	Government					Private				
	Count, n (unweighted)	Estimated population, N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count, n (unweighted)	Estimated population, N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,240**	**19,281,403**	**1.7**	**1.4**	**2.0**	**18,934**	**19,256,768**	**1.2**	**1.0**	**1.4**
Marital status										
Never married	3,981	5,107,555	1.7	1.3	2.3	3,985	5,376,427	1.2	0.8	1.7
Married	13,400	12,641,542	1.7	1.4	2.1	13,187	12,603,049	1.0	0.8	1.3
Widow/Widower/Divorcee	1,859	1,332,305	1.6	1.0	2.5	1,762	1,277,292	1.9	1.2	3.1
Education level[1]										
No formal education	1,260	1,063,266	0.6	0.2	1.3	1,200	1,034,542	2.4	1.4	4.1
Primary	4,552	3,839,995	1.6	1.2	2.3	4,415	3,788,248	1.8	1.3	2.4
Secondary	8,936	9,035,268	1.6	1.3	2.0	8,804	9,017,839	1.0	0.8	1.3
Tertiary	4,288	5,094,634	2.1	1.5	2.8	4,308	5,143,757	0.7	0.4	1.2
Unclassified	187	243,279	2.9	1.1	7.1	191	255,093	0.6	0.1	3.6
Occupation[1]										
Government /Semi-government employee	2,187	1,914,665	0.7	0.4	1.3	2,163	1,898,828	1.0	0.5	1.8
Private employee	5,762	7,445,872	1.9	1.5	2.5	5,831	7,642,180	0.9	0.6	1.3
Self-employed	3,730	3,288,558	1.7	1.2	2.3	3,629	3,234,510	1.1	0.7	1.7
Unpaid worker/homemaker	3,258	2,808,909	1.6	1.1	2.3	3,167	2,756,454	1.5	1.1	2.1
Retiree	771	596,328	1.7	0.7	4.0	745	583,629	0.4	0.1	1.2
Unemployed	1,004	2,523,046	1.6	1.0	2.4	2,871	2,428,912	1.9	1.3	2.8
Student	526	702,663	2.7	1.4	5.1	526	710,893	1.4	0.6	3.7
Household Income Group (RM)										
Less than RM1,000	3,113	2,605,286	1.4	0.9	2.1	2,962	2,517,360	2.4	1.7	3.3
RM1,000 – RM1,999	3,519	3,173,581	1.1	0.7	1.8	3,404	3,119,939	1.2	0.8	1.9
RM2,000 – RM2,999	3,287	3,152,917	1.6	1.0	2.5	3,223	3,132,666	1.0	0.7	1.6
RM3,000 – RM3,999	2,448	2,505,342	1.9	1.2	2.8	2,422	2,496,735	1.1	0.6	1.9
RM4,000 – RM4,999	1,746	1,927,826	2.1	1.4	3.1	1,735	1,934,927	0.8	0.4	1.5
RM5,000 – RM5,999	1,355	1,520,410	2.5	1.6	3.9	1,363	1,546,865	0.7	0.3	1.7
RM6,000 – RM6,999	909	989,251	0.9	0.4	1.9	919	1,013,463	0.5	0.2	1.5
RM7,000 – RM7,999	739	784,178	1.6	0.8	3.2	737	790,066	0.7	0.2	2.3
RM8,000 – RM8,999	561	647,777	2.3	1.2	4.5	563	652,745	0.5	0.2	1.7
RM9,000 – RM9,999	300	340,610	1.3	0.4	3.9	301	346,876	0.8	0.1	5.5
RM10,000 and above	1,263	1,634,224	2.5	1.4	4.2	1,305	1,705,126	1.2	0.6	2.2
Household Income Quintiles										
Q1 (20% poorest)	2,673	2,222,409	1.3	0.9	2.0	2,540	2,150,448	2.2	1.5	3.2
Q2	3,616	3,294,080	1.2	0.8	1.9	3,493	3,225,177	1.4	1.0	2.0
Q3	4,183	4,015,730	1.6	1.1	2.4	4,105	3,998,420	1.2	0.8	1.7
Q4	3,984	4,260,619	2.2	1.6	3.0	3,958	4,267,205	0.8	0.5	1.3
Q5 (20% richest)	4,784	5,488,565	1.8	1.3	2.4	4,838	5,615,517	0.8	0.5	1.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,060	3,943,316	1.2	0.8	1.8	3,932	3,909,825	1.4	0.9	2.0
Q2	4,271	3,830,907	1.1	0.8	1.7	4,156	3,761,453	1.5	1.0	2.1
Q3	3,963	3,822,693	1.5	1.0	2.3	3,905	3,819,543	0.9	0.6	1.4
Q4	3,818	3,869,751	1.3	0.9	1.9	3,786	3,893,732	1.1	0.7	1.6
Q5 (20% richest)	3,128	3,815,031	3.4	2.6	4.4	3,155	3,872,510	0.9	0.6	1.6

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit, UL = Upper Limit

Table 2.31: Overall impression - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL
MALAYSIA	**19,286**	**19,331,753**	**1.0**	**0.8**	**1.2**	**19,004**	**19,304,548**	**25.6**	**24.3**	**26.9**
State										
Johor	1,704	2,227,904	1.3	0.9	1.9	1,699	2,255,520	22.8	19.1	27.0
Kedah	1,243	1,300,449	0.5	0.2	1.2	1,209	1,281,636	19.4	14.6	25.4
Kelantan	1,162	993,502	0.4	0.1	1.2	1,075	921,651	17.2	14.4	20.3
Melaka	1,134	555,823	0.7	0.2	2.3	1,129	553,872	4.6	2.6	7.8
Negeri Sembilan	1,223	651,838	0.1	0.0	0.3	1,191	641,441	16.6	13.2	20.8
Pahang	1,182	954,436	0.4	0.1	0.9	1,195	971,282	20.8	17.4	24.8
Pulau Pinang	1,271	1,107,994	1.4	0.7	2.9	1,272	1,124,605	49.3	43.7	54.8
Perak	1,346	1,600,409	0.9	0.4	1.9	1,344	1,600,205	33.8	28.2	40.0
Perlis	1,269	157,606	0.7	0.1	2.9	1,173	147,735	16.4	12.4	21.4
Selangor	2,655	3,987,435	0.9	0.5	1.5	2,668	4,022,430	24.3	21.7	27.2
Terengganu	1,185	681,977	1.1	0.5	2.3	1,185	681,980	25.1	18.9	32.4
Sabah/Labuan	1,566	2,229,267	1.5	0.7	3.1	1,538	2,211,680	20.5	17.9	23.2
Sarawak	1,218	1,683,722	0.9	0.4	1.7	1,185	1,660,502	35.3	28.7	42.6
WP Kuala Lumpur	644	1,151,017	1.9	0.8	4.6	657	1,181,635	31.1	26.8	35.7
WP Putrajaya	484	48,374	0.0	-	-	484	48,374	13.9	10.6	18.1
Location										
Urban	11,051	14,691,032	1.1	0.8	1.4	11,018	14,757,699	25.5	24.0	27.0
Rural	8,235	4,640,721	0.8	0.5	1.1	7,986	4,546,849	25.9	23.5	28.5
Sex										
Male	9,139	9,909,096	1.0	0.7	1.4	9,030	9,953,017	25.5	23.9	27.1
Female	10,147	9,422,657	1.0	0.8	1.3	9,974	9,351,531	25.7	24.1	27.4
Age Group (Years)										
18-19	771	913,909	0.6	0.3	1.4	762	913,928	25.2	21.4	29.3
20-24	1,836	2,723,125	1.4	0.8	2.4	1,841	2,732,283	22.7	20.2	25.5
25-29	2,092	2,625,658	1.0	0.6	1.7	2,095	2,659,815	23.3	20.9	25.9
30-34	2,024	2,494,218	1.7	0.9	3.0	2,018	2,521,667	24.5	22.1	27.2
35-39	1,848	1,981,660	1.0	0.5	1.8	1,841	1,981,732	25.7	23.1	28.5
40-44	1,742	1,778,386	0.7	0.4	1.3	1,725	1,786,571	27.6	24.9	30.5
45-49	1,827	1,636,272	0.5	0.3	1.0	1,799	1,623,971	27.4	24.7	30.4
50-54	1,852	1,455,505	0.9	0.5	1.8	1,817	1,447,693	26.6	23.9	29.4
55-59	1,647	1,231,441	1.3	0.6	1.9	1,607	1,216,454	27.9	25.0	31.1
60-64	1,311	914,717	0.4	0.2	1.1	1,263	892,440	29.6	26.2	33.2
65-69	979	667,190	0.2	0.0	0.8	952	654,726	26.7	22.8	31.0
70-74	656	380,647	0.0	-	-	614	359,817	25.3	20.2	31.1
75+	701	529,025	1.5	0.7	3.0	670	513,450	28.8	23.8	34.3
Ethnicity[1]										
Malay	12,203	9,812,307	0.7	0.5	0.9	11,898	9,633,477	24.1	22.4	25.8
Chinese	3,022	4,501,316	1.3	0.9	1.8	3,026	4,541,330	28.6	25.7	31.6
Indian	1,357	1,325,091	1.4	0.6	3.4	1,351	1,327,348	28.5	24.9	32.4
Bumiputera Sabah	863	933,853	0.3	0.1	1.4	828	908,144	20.7	17.9	23.9
Bumiputera Sarawak	559	861,431	0.8	0.3	2.1	542	840,230	40.5	30.8	51.1
OrangAsli	65	37,544	0.8	0.1	7.2	64	37,294	33.0	25.1	42.0
Others	1,217	1,858,506	2.2	1.2	3.9	1,290	2,015,019	20.0	16.8	23.7
Citizenship										
Malaysian	18,294	17,736,483	0.8	0.7	1.1	17,929	17,558,579	26.2	24.9	27.6
Non Malaysian	992	1,595,270	2.7	1.5	4.8	1,075	1,745,969	19.4	15.8	23.5

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	%	95 % CI LL	UL
MALAYSIA	**19,286**	**19,331,753**	**1.0**	**0.8**	**1.2**	**19,004**	**19,304,548**	**25.6**	**24.3**	**26.9**
Marital status										
Never married	3,989	5,309,045	0.9	0.6	1.4	3,994	5,369,057	24.3	22.3	26.3
Married	13,434	12,683,316	1.1	0.8	1.4	13,232	12,644,538	26.0	24.5	27.4
Widow/Widower/Divorcee	1,863	1,339,392	0.6	0.3	1.2	1,778	1,290,953	27.3	24.1	30.8
Education level[1]										
No formal education	1,266	1,071,186	0.7	0.3	1.6	1,208	1,040,165	28.9	25.0	33.1
Primary	4,561	3,844,850	1.4	0.9	2.2	4,443	3,810,765	27.0	24.8	29.3
Secondary	8,958	9,045,978	0.8	0.6	1.1	8,837	9,033,574	25.3	23.7	26.9
Tertiary	4,295	5,108,937	1.0	0.6	1.6	4,309	5,148,244	24.2	22.2	26.4
Unclassified	189	245,840	0.5	0.2	1.8	191	254,513	28.5	20.2	38.6
Occupation[1]										
Government/ Semi-government employee	2,186	1,914,711	1.0	0.6	1.7	2,164	1,901,798	23.3	20.7	26.3
Private employee	5,777	7,468,193	1.1	0.7	1.6	5,840	7,638,300	25.4	23.7	27.3
Self-employed	3,747	3,301,853	0.9	0.5	1.4	3,649	3,245,733	24.3	22.2	26.6
Unpaid worker/homemaker	3,266	2,819,771	0.8	0.5	1.3	3,196	2,779,683	28.3	25.9	30.9
Retiree	771	595,587	0.6	0.2	1.9	745	584,539	29.6	25.0	34.6
Unemployed	3,007	2,525,595	0.7	0.4	1.2	2,880	2,440,465	25.8	23.3	28.4
Student	530	704,680	2.3	1.1	4.8	528	712,668	24.3	20.3	28.8
Household Income Group (RM)										
Less than RM1,000	3,123	2,622,138	1.7	1.0	2.8	2,981	2,539,219	28.3	25.7	31.0
RM1,000–RM1,999	3,527	3,174,397	1.3	0.7	2.4	3,422	3,125,476	26.5	24.2	28.8
RM2,000–RM2,999	3,289	3,156,056	0.6	0.3	1.1	3,240	3,140,454	25.4	23.0	28.0
RM3,000–RM3,999	2,449	2,504,972	0.9	0.5	1.5	2,426	2,501,295	26.5	23.8	29.2
RM4,000–RM4,999	1,754	1,937,086	0.6	0.3	1.2	1,746	1,942,737	26.2	23.2	29.3
RM5,000–RM5,999	1,358	1,526,810	1.0	0.5	1.9	1,362	1,549,203	22.8	19.6	26.3
RM6,000–RM6,999	913	993,844	0.7	0.2	2.2	919	1,015,056	21.7	18.1	25.9
RM7,000–RM7,999	743	786,210	1.0	0.4	2.6	738	788,879	27.1	22.8	32.0
RM8,000–RM8,999	566	653,932	0.8	0.3	2.2	567	654,134	26.2	21.4	31.7
RM9,000–RM9,999	307	344,637	1.2	0.3	4.6	302	349,094	26.2	20.2	33.3
RM10,000 and above	1,262	1,631,672	0.9	0.5	1.8	1,301	1,699,001	22.0	18.7	25.8
Household Income Quintiles										
Q1 (20% poorest)	2,682	2,239,207	1.8	1.0	3.1	2,558	2,171,421	29.0	26.3	31.9
Q2	3,622	3,293,536	1.3	0.7	2.3	3,511	3,230,524	26.3	24.2	28.6
Q3	4,188	4,020,282	0.6	0.4	1.1	4,122	4,007,337	25.2	22.9	27.6
Q4	3,994	4,271,409	0.7	0.5	1.1	3,972	4,277,725	26.4	24.3	28.5
Q5 (20% richest)	4,800	5,507,319	0.9	0.6	1.4	4,841	5,617,540	23.5	21.6	25.5
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,066	1,939,533	1.1	0.7	1.8	3,954	3,812,263	26.1	23.6	28.8
Q2	4,280	3,838,665	0.9	0.6	1.5	4,174	3,772,416	24.9	22.6	27.4
Q3	3,973	3,838,710	0.9	0.6	1.6	3,919	3,830,502	23.9	21.9	26.1
Q4	3,828	3,884,490	0.8	0.5	1.3	3,794	3,904,536	25.2	23.1	27.4
Q5 (20% richest)	3,139	3,830,648	1.1	0.7	1.7	3,163	3,885,121	27.7	25.2	30.4

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.32: Convenience of hospital location - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,339**	**19,426,331**	**4.6**	**4.0**	**5.3**	**18,845**	**19,149,220**	**7.4**	**6.6**	**8.2**
State										
Johor	1,713	2,237,801	4.2	2.9	6.1	1,697	2,244,024	3.8	2.6	5.6
Kedah	1,242	1,300,114	1.8	0.5	5.7	1,196	1,262,348	10.5	7.5	14.5
Kelantan	1,165	996,452	2.5	1.5	4.2	1,074	920,473	7.5	5.5	10.2
Melaka	1,135	561,679	0.8	0.3	2.0	1,126	558,138	1.5	0.5	4.3
Negeri Sembilan	1,219	647,189	2.1	1.2	3.7	1,167	625,886	6.0	3.8	9.2
Pahang	1,186	960,896	3.0	1.9	4.7	1,199	982,269	10.5	7.6	14.4
Pulau Pinang	1,286	1,138,318	11.0	7.7	15.7	1,228	1,095,653	14.8	9.2	23.0
Perak	1,348	1,601,850	1.5	0.9	2.4	1,346	1,602,041	3.0	1.9	4.9
Perlis	1,276	158,462	0.2	0.0	0.7	1,154	146,522	29.9	24.4	36.0
Selangor	2,659	3,999,669	5.4	4.1	7.1	7,654	3,994,827	2.9	2.1	4.0
Terengganu	1,182	679,907	1.7	1.0	2.8	1,175	676,143	13.1	9.4	17.8
Sabah/Labuan	1,581	2,248,755	3.9	2.7	5.8	1,514	2,171,454	8.0	6.4	9.9
Sarawak	1,222	1,706,920	9.3	6.1	14.0	1,183	1,655,738	17.9	13.2	23.9
WP Kuala Lumpur	641	1,139,944	7.3	4.8	11.1	648	1,165,330	3.7	2.2	6.2
WP Putrajaya	484	48,374	0.0	0.0	0.0	484	48,374	2.6	1.4	4.8
Location										
Urban	11,094	14,762,809	4.2	3.6	4.9	10,932	14,638,962	5.1	4.3	6.0
Rural	8,245	4,663,522	6.0	4.7	7.8	7,913	4,510,259	14.7	12.8	16.9
Sex										
Male	9,159	9,958,892	5.0	4.2	5.9	8,964	9,900,325	7.8	6.8	8.9
Female	10,180	9,467,440	4.2	3.6	5.0	9,881	9,248,895	6.9	6.1	7.9
Age Group (Years)										
18-19	775	920,979	4.7	3.0	7.2	766	919,777	9.1	6.6	12.4
20-24	1,837	2,726,409	4.4	3.2	5.9	1,814	2,705,728	7.8	6.3	9.7
25-29	2,095	2,652,619	5.8	4.5	7.5	2,068	2,629,163	7.8	6.3	9.6
30-34	2,034	2,511,226	5.9	4.6	7.7	1,997	2,496,687	7.2	5.8	8.9
35-39	1,852	1,986,247	5.0	3.8	6.5	1,822	1,954,797	5.7	4.5	7.4
40-44	1,750	1,788,138	5.4	4.0	7.3	1,712	1,777,964	6.8	5.4	8.4
45-49	1,829	1,641,120	2.6	1.8	3.7	1,785	1,612,656	7.4	5.8	9.4
50-54	1,860	1,463,417	4.2	3.1	5.8	1,801	1,432,671	6.2	4.9	7.8
55-59	1,650	1,237,421	3.8	2.8	5.1	1,595	1,210,271	6.1	4.8	7.8
60-64	1,316	916,698	3.0	1.8	4.9	1,272	895,846	8.6	6.6	11.0
65-69	982	670,102	3.3	2.0	5.3	940	649,113	8.5	6.4	11.3
70-74	655	379,807	2.5	1.3	4.7	610	355,696	8.4	5.9	11.9
75+	704	532,149	5.3	3.1	8.8	663	508,851	11.2	8.3	14.8
Ethnicity[1]										
Malay	12,202	9,817,263	3.7	3.1	4.6	11,825	9,592,766	7.6	6.6	8.7
Chinese	3,049	4,542,592	5.0	3.8	6.4	3,021	4,521,824	4.3	3.3	5.6
Indian	1,360	1,320,267	4.7	3.0	7.2	1,339	1,314,323	6.7	4.7	9.6
Bumiputera Sabah	866	939,055	2.6	1.4	4.9	819	899,437	9.5	7.5	12.0
Bumiputera Sarawak	561	865,427	10.6	5.9	18.3	535	834,042	21.8	14.9	30.7
OrangAsli	65	37,144	11.4	4.3	26.7	62	36,294	24.9	9.5	51.1
Others	1,231	1,902,879	6.5	4.6	8.9	1,239	1,948,828	6.4	4.6	8.9
Citizenship										
Malaysian	18,331	17,788,066	4.3	3.7	5.0	17,818	17,470,601	7.4	6.6	8.3
Non Malaysian	1,008	1,638,266	8.3	6.1	11.3	1,027	1,678,619	6.6	4.6	9.5

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,339**	**19,426,331**	**4.6**	**4.0**	**5.3**	**18,845**	**19,149,220**	**7.4**	**6.6**	**8.2**
Marital status										
Never married	4,007	5,358,742	4.8	3.9	6.0	3,969	5,354,141	7.3	6.2	8.5
Married	13,466	12,725,763	4.6	3.9	5.4	13,117	12,526,240	7.2	6.3	8.2
Widow/Widower/Divorcee	1,866	1,341,826	4.1	2.9	5.7	1,759	1,268,839	9.3	7.5	11.4
Education level[1]										
No formal education	1,269	1,073,417	5.4	3.5	8.3	1,188	1,025,024	11.5	9.0	14.7
Primary	4,582	3,871,562	4.6	3.6	5.7	4,405	3,770,141	8.7	7.4	10.2
Secondary	8,976	9,089,841	3.9	3.3	4.7	8,762	8,954,116	7.2	6.3	8.2
Tertiary	4,305	5,125,962	5.8	4.8	7.1	4,286	5,134,629	6.0	4.9	7.3
Unclassified	190	250,588	2.6	1.0	6.5	190	251,196	5.8	2.9	11.3
Occupation[1]										
Government/ Semi-government employee	2,188	1,917,507	3.5	2.6	4.8	2,153	1,894,998	7.6	6.0	9.6
Private employee	5,795	7,510,421	5.0	4.1	6.0	5,774	7,560,234	5.5	4.6	6.6
Self-employed	3,751	3,310,599	4.6	3.4	6.2	3,624	3,232,883	10.2	8.5	12.2
Unpaid worker/homemaker	3,284	2,841,881	4.1	3.1	5.3	3,155	2,737,909	7.7	6.4	9.3
Retiree	774	599,998	3.7	2.0	6.8	746	582,450	4.4	2.9	6.6
Unemployed	3,017	2,531,172	4.5	3.3	6.2	2,864	2,422,045	9.7	7.6	11.0
Student	533	713,390	7.0	4.7	10.5	527	717,339	8.5	6.2	11.5
Household income Group (RM)										
Less than RM1,000	3,127	2,625,558	5.9	4.5	7.6	2,953	2,506,945	10.4	8.6	12.4
RM1,000–RM1,999	3,536	3,196,600	4.9	3.7	6.6	3,393	3,107,323	10.8	9.2	12.7
RM2,000–RM2,999	3,303	3,172,443	3.5	2.7	4.7	3,203	3,094,572	8.3	6.8	10.0
RM3,000–RM3,999	2,453	2,512,305	5.0	3.5	7.0	2,408	2,484,843	7.6	5.6	10.3
RM4,000–RM4,999	1,755	1,945,616	4.5	3.1	6.4	1,738	1,933,968	5.6	4.1	7.4
RM5,000–RM5,999	1,363	1,535,815	3.7	2.5	5.4	1,351	1,535,464	5.4	3.9	7.4
RM6,000–RM6,999	915	1,002,314	4.0	2.5	6.3	914	1,012,300	4.4	3.0	6.2
RM7,000–RM7,999	746	791,360	3.7	2.2	6.2	735	789,248	6.2	4.1	9.2
RM8,000–RM8,999	569	657,880	5.5	3.6	8.4	563	653,678	4.1	2.4	6.7
RM9,000–RM9,999	303	348,165	3.4	1.7	6.9	300	345,151	3.3	1.5	7.2
RM10,000 and above	1,269	1,638,275	5.3	3.8	7.4	1,287	1,685,728	2.9	1.7	4.8
Household income Quintiles										
Q1 (20% poorest)	2,686	2,243,415	5.8	4.4	7.8	2,534	2,138,950	10.1	8.2	12.4
Q2	3,631	3,313,449	4.9	3.8	6.4	3,480	3,216,144	10.6	9.0	12.4
Q3	4,202	4,039,586	3.9	3.0	5.1	4,081	3,951,185	8.3	7.0	9.9
Q4	4,002	4,291,696	4.9	3.8	6.2	3,948	4,257,134	6.6	5.2	8.3
Q5 (20% richest)	4,818	5,538,185	4.3	3.5	5.2	4,802	5,585,808	4.4	3.5	5.4
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,082	3,972,567	5.0	3.9	6.5	3,911	3,873,980	10.5	8.8	12.5
Q2	4,276	3,829,355	5.1	3.8	6.8	4,136	3,736,799	9.4	7.6	11.4
Q3	3,982	3,852,019	3.6	2.8	4.6	3,879	3,791,624	7.1	5.9	8.4
Q4	3,836	3,907,299	4.1	3.2	5.3	3,760	3,869,620	6.0	4.8	7.4
Q5 (20% richest)	3,163	3,865,388	5.4	4.2	6.8	3,159	3,877,477	4.1	3.2	5.2

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.33: Ability to ask for private room/ share with less people - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**18,967**	**19,005,272**	**15.1**	**14.0**	**16.3**	**18,423**	**18,697,564**	**2.9**	**2.5**	**3.3**
State										
Johor	1,670	2,182,037	19.5	15.4	24.4	1,657	2,191,565	2.7	1.7	4.3
Kedah	1,238	1,295,763	7.8	5.7	10.6	1,175	1,244,434	4.2	2.9	6.1
Kelantan	1,154	987,183	12.7	9.8	16.2	1,051	899,236	4.9	3.3	7.0
Melaka	1,119	551,665	6.6	4.1	10.4	1,103	543,544	0.9	0.3	2.6
Negeri Sembilan	1,163	612,537	6.7	3.9	11.2	1,112	589,199	0.5	0.2	1.5
Pahang	1,164	936,185	12.4	9.4	16.2	1,173	952,317	4.5	2.8	7.2
Pulau Pinang	1,246	1,095,536	37.6	29.4	46.6	1,186	1,068,164	3.3	1.2	8.6
Perak	1,339	1,590,878	17.9	12.0	25.8	1,338	1,591,623	1.2	0.7	2.2
Perlis	1,262	156,421	10.9	8.0	14.8	1,135	144,733	1.0	0.4	2.2
Selangor	2,613	3,919,338	15.4	13.4	17.7	2,619	3,936,989	1.7	1.2	2.5
Terengganu	1,175	678,060	6.4	4.8	8.6	1,174	677,417	1.6	0.9	2.9
Sabah/Labuan	1,521	2,161,683	4.9	3.6	6.7	1,441	2,065,867	4.6	3.4	6.3
Sarawak	1,179	1,651,917	19.2	15.0	24.2	1,129	1,583,969	4.5	2.7	7.4
WP Kuala Lumpur	640	1,137,693	21.3	16.8	26.7	647	1,160,237	2.1	1.1	3.8
WP Putrajaya	484	48,374	2.3	1.1	4.5	483	48,271	0.2	0.0	1.6
Location										
Urban	10,875	14,446,068	15.9	14.5	17.4	10,706	14,324,755	2.3	1.9	2.8
Rural	8,092	4,559,204	12.7	10.9	14.8	7,717	4,372,809	4.7	3.9	5.7
Sex										
Male	8,976	9,732,012	14.3	13.1	15.7	8,746	9,630,383	2.5	2.1	3.0
Female	9,991	9,273,260	15.9	14.4	17.5	9,677	9,067,181	3.2	2.6	3.9
Age Group (Years)										
18-19	750	886,073	14.8	11.8	18.4	739	879,342	5.4	3.6	8.2
20-24	1,801	2,665,829	14.4	12.4	16.7	1,776	2,635,803	3.4	2.5	4.6
25-29	2,065	2,606,222	16.9	14.6	19.4	2,027	2,571,792	2.9	2.1	3.9
30-34	1,998	2,450,136	15.6	13.3	18.2	1,959	2,443,041	2.7	1.9	4.0
35-39	1,820	1,947,980	12.3	10.4	14.6	1,787	1,920,826	1.8	1.1	2.8
40-44	1,715	1,754,542	15.4	13.2	17.9	1,673	1,734,115	2.2	1.5	3.2
45-49	1,804	1,618,702	16.0	13.7	18.5	1,755	1,582,425	2.2	1.5	3.2
50-54	1,825	1,429,066	14.6	12.5	17.0	1,767	1,403,033	3.2	2.2	4.5
55-59	1,624	1,213,060	14.7	12.4	17.4	1,557	1,183,523	7.5	1.8	3.6
60-64	1,280	893,141	14.8	11.9	18.2	1,234	875,103	3.4	2.3	5.0
65-69	963	657,601	16.1	12.9	19.9	924	638,338	3.3	2.1	5.2
70-74	644	371,907	12.4	8.5	17.7	591	345,981	3.0	1.7	5.3
75+	678	511,012	18.5	14.6	23.2	634	484,242	2.7	1.6	4.6
Ethnicity[1]										
Malay	12,053	9,685,680	13.0	11.7	14.5	11,616	9,427,611	2.8	2.3	3.4
Chinese	2,957	4,437,189	22.9	20.0	26.2	2,959	4,457,286	2.1	1.4	3.0
Indian	1,333	1,302,625	17.6	14.3	21.4	1,312	1,295,209	2.1	1.3	3.4
Bumiputera Sabah	838	905,700	4.1	2.7	6.0	780	852,775	3.4	2.2	5.2
Bumiputera Sarawak	544	835,397	17.7	12.3	24.9	515	796,395	4.6	2.8	7.6
OrangAsli	64	36,394	26.2	18.6	35.6	59	32,341	5.5	2.8	10.4
Others	1,173	1,800,582	9.5	7.1	12.6	1,178	1,834,821	4.5	3.2	6.2
Citizenship										
Malaysian	18,021	17,469,591	15.5	14.3	16.8	17,449	17,117,761	2.7	2.3	3.2
Non Malaysian	946	1,535,681	10.9	8.1	14.4	974	1,579,803	4.6	3.3	6.4

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**18,967**	**19,005,272**	**15.1**	**14.0**	**16.3**	**18,423**	**18,697,564**	**2.9**	**2.5**	**3.3**
Marital status										
Never married	3,916	5,222,355	16.5	14.8	18.4	3,871	5,203,199	3.4	2.6	4.3
Married	13,231	12,477,438	14.5	13.3	15.7	12,844	12,261,761	2.5	2.1	2.9
Widow/Widower/Divorcee	1,820	1,305,479	15.7	13.0	18.8	1,708	1,232,604	4.1	2.9	5.8
Education level[1]										
No formal education	1,233	1,034,778	12.0	9.6	15.0	1,153	984,414	4.5	3.1	6.3
Primary	4,461	3,754,277	13.7	11.9	15.8	4,260	3,638,581	3.7	3.1	4.5
Secondary	8,829	8,922,875	14.3	13.0	15.7	8,580	8,758,391	2.8	2.3	3.4
Tertiary	4,246	5,042,730	18.2	16.3	20.3	4,235	5,065,231	2.0	1.5	2.7
Unclassified	180	233,134	13.9	8.0	22.9	180	234,516	3.0	1.2	7.5
Occupation[1]										
Government/ Semi-government employee	2,164	1,883,442	13.8	11.4	16.5	2,123	1,860,792	2.5	1.6	3.8
Private employee	5,682	7,351,155	15.8	14.3	17.4	5,654	7,388,428	2.1	1.7	2.7
Self-employed	3,672	3,238,131	15.0	13.0	17.2	3,518	3,132,996	3.4	2.6	4.3
Unpaid worker/homemaker	3,224	2,791,287	14.8	12.9	16.9	3,094	2,692,215	3.8	2.9	4.9
Retiree	765	595,770	15.1	11.4	19.7	737	580,457	1.0	0.5	2.1
Unemployed	2,941	2,460,534	13.1	11.3	15.2	2,783	2,351,956	3.4	2.5	4.6
Student	517	683,591	20.5	15.9	26.1	512	689,359	5.2	3.3	8.0
Household Income Group (RM)										
Less than RM1,000	3,050	2,548,163	14.2	12.3	16.4	2,869	2,427,068	4.5	3.5	5.7
RM1,000–RM1,999	3,467	3,116,395	13.3	11.5	15.3	3,304	3,005,932	3.7	2.7	5.0
RM2,000–RM2,999	3,245	3,108,520	12.7	11.0	14.6	3,132	3,013,145	3.0	2.3	3.9
RM3,000–RM3,999	2,412	2,472,125	15.1	12.9	17.7	2,359	2,436,665	3.1	2.3	4.3
RM4,000–RM4,999	1,728	1,911,829	15.4	12.8	18.5	1,702	1,904,526	2.1	1.4	3.3
RM5,000–RM5,999	1,343	1,512,218	15.3	12.6	18.4	1,325	1,504,230	1.8	1.1	2.9
RM6,000–RM6,999	897	974,411	15.0	11.8	19.0	893	985,135	2.0	1.1	3.7
RM7,000–RM7,999	728	775,819	19.6	15.5	24.6	726	783,177	2.3	1.2	4.4
RM8,000–RM8,999	562	645,259	17.0	12.7	22.4	558	644,022	2.0	0.8	4.4
RM9,000–RM9,999	299	344,883	21.8	15.5	29.7	297	342,715	3.3	1.4	7.5
RM10,000 and above	1,236	1,595,650	19.9	16.4	23.8	1,258	1,650,948	1.2	0.7	2.1
Household Income Quintiles										
Q1 (20% poorest)	2,620	2,184,121	14.5	12.4	16.9	2,462	2,078,957	4.4	3.3	5.8
Q2	3,556	3,219,880	13.2	11.5	15.2	3,386	3,100,835	3.4	2.6	4.4
Q3	4,131	3,963,456	12.9	11.3	14.7	3,994	3,861,876	3.5	2.7	4.5
Q4	3,935	4,214,740	15.5	13.6	17.7	3,866	4,173,073	2.4	1.8	3.2
Q5 (20% richest)	4,725	5,423,076	17.8	15.9	19.8	4,715	5,482,824	1.9	1.4	2.5
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	3,990	3,876,807	11.2	9.5	13.2	3,800	3,761,512	3.5	2.8	4.4
Q2	4,205	3,748,005	13.5	11.6	15.5	4,035	3,625,396	3.9	3.0	5.0
Q3	3,912	3,767,211	14.0	12.1	16.1	3,790	3,690,972	2.9	2.3	3.8
Q4	3,768	3,830,839	15.9	13.9	18.2	3,689	3,793,801	2.4	1.8	3.2
Q5 (20% richest)	3,092	3,782,700	21.1	18.6	23.8	3,109	3,826,158	1.6	1.1	2.2

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.34: Comfort of hospital - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,316**	**19,384,524**	**3.3**	**2.8**	**3.8**	**18,716**	**19,022,490**	**1.3**	**1.0**	**1.5**
State										
Johor	1,707	2,228,586	5.4	3.7	7.6	1,692	2,236,625	1.2	0.8	2.1
Kedah	1,242	1,299,621	1.0	0.5	2.0	1,186	1,254,643	3.7	2.6	5.4
Kelantan	1,165	996,452	2.0	1.2	3.3	1,054	899,960	0.6	0.2	1.5
Melaka	1,137	563,644	0.7	0.3	1.6	1,128	559,466	0.0	0.0	0.1
Negeri Sembilan	1,220	648,066	0.1	0.0	0.5	1,160	622,228	0.4	0.1	2.0
Pahang	1,186	960,363	0.9	0.4	1.7	1,192	976,812	1.4	0.5	3.3
Pulau Pinang	1,277	1,122,629	9.2	5.6	14.7	1,198	1,075,465	0.7	0.2	2.2
Perak	1,348	1,602,541	3.0	1.6	5.6	1,344	1,601,559	0.7	0.3	1.4
Perlis	1,275	158,478	1.3	0.7	2.7	1,145	145,831	0.3	0.1	0.9
Selangor	2,649	3,982,604	4.0	3.0	5.2	2,646	3,985,964	0.6	0.3	1.0
Terengganu	1,183	680,357	0.7	0.3	1.5	1,180	679,323	0.3	0.1	0.8
Sabah/Labuan	1,580	2,245,468	1.2	0.7	2.1	1,493	2,140,488	2.6	1.8	3.8
Sarawak	1,222	1,707,880	2.5	1.4	4.3	1,165	1,627,177	1.4	0.7	2.4
WP Kuala Lumpur	641	1,139,462	7.5	5.1	11.0	650	1,168,677	1.9	0.8	4.4
WP Putrajaya	484	48,374	0.5	0.1	1.9	483	48,271	0.0	-	-
Location										
Urban	11,075	14,725,818	3.8	3.2	4.4	10,873	14,559,192	1.0	0.8	1.3
Rural	8,241	4,658,707	1.8	1.2	2.6	7,843	4,463,298	1.9	1.5	2.6
Sex										
Male	9,145	9,936,037	2.9	2.4	3.5	8,894	9,822,076	1.2	0.9	1.6
Female	10,171	9,448,488	3.7	3.0	4.4	9,822	9,200,414	1.3	1.0	1.7
Age Group (Years)										
18-19	774	918,301	3.1	1.9	4.9	754	900,446	1.7	0.8	3.8
20-24	1,839	2,725,491	3.4	2.4	4.7	1,809	2,692,731	1.2	0.7	1.9
25-29	2,091	2,638,144	3.8	2.9	5.1	2,056	2,604,969	1.3	0.8	2.1
30-34	2,033	2,506,684	3.7	2.7	5.0	1,991	2,488,544	1.5	0.9	2.6
35-39	1,850	1,981,900	2.7	1.9	3.9	1,808	1,943,439	0.7	0.4	1.3
40-44	1,746	1,783,858	3.7	2.7	5.1	1,702	1,765,801	1.1	0.6	1.8
45-49	1,827	1,638,320	4.0	2.8	5.5	1,781	1,608,411	1.1	0.6	2.1
50-54	1,854	1,457,379	2.7	1.9	3.8	1,790	1,423,630	0.8	0.5	1.5
55-59	1,648	1,236,388	2.5	1.5	4.1	1,579	1,203,547	1.2	0.8	2.0
60-64	1,313	915,122	2.4	1.5	3.9	1,261	897,740	2.5	1.6	3.8
65-69	981	668,880	2.4	1.4	4.2	930	642,882	1.4	0.8	2.4
70-74	655	379,807	2.2	1.0	5.0	600	352,646	1.1	0.5	2.5
75+	705	534,250	4.6	2.7	7.9	655	502,705	1.5	0.7	2.9
Ethnicity[1]										
Malay	12,195	9,799,868	2.6	2.2	3.1	11,743	9,532,761	1.1	0.9	1.4
Chinese	3,036	4,525,113	5.7	4.5	7.3	3,012	4,512,167	0.9	0.6	1.4
Indian	1,359	1,317,157	4.8	3.3	7.0	1,333	1,308,403	2.0	1.0	4.1
Bumiputera Sabah	865	937,394	0.9	0.4	2.2	807	883,799	2.3	1.3	3.8
Bumiputera Sarawak	561	865,427	2.3	1.3	3.9	526	817,252	1.4	0.6	3.5
OrangAsli	64	36,394	0.0	0.0	0.0	60	35,144	0.0	-	-
Others	1,231	1,901,467	1.6	0.9	2.7	1,231	1,931,839	1.8	1.1	2.7
Citizenship										
Malaysian	18,312	17,753,859	3.4	2.9	3.9	17,698	17,362,960	1.2	1.0	1.4
Non Malaysian	1,004	1,630,665	2.4	1.5	3.9	1,018	1,659,530	2.1	1.3	3.3

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,316**	**19,384,524**	**3.3**	**2.8**	**3.8**	**18,716**	**19,022,490**	**1.3**	**1.0**	**1.5**
Marital status										
Never married	4,002	5,334,368	4.0	3.2	5.0	3,936	5,295,762	1.3	0.9	1.9
Married	13,448	12,711,497	3.1	2.6	3.6	13,036	12,469,747	1.2	1.0	1.5
Widow/Widower/Divorcee	1,866	1,338,660	2.6	1.7	4.0	1,744	1,256,981	1.5	0.9	2.5
Education level[1]										
No formal education	1,266	1,069,290	2.5	1.4	4.6	1,178	1,015,486	2.4	1.5	3.8
Primary	4,575	3,866,620	2.5	1.8	3.3	4,360	3,744,541	1.8	1.4	2.3
Secondary	8,963	9,061,973	2.4	2.0	2.9	8,703	8,891,042	1.2	0.9	1.6
Tertiary	4,303	5,118,526	5.6	4.6	6.9	4,272	5,108,998	0.7	0.5	1.2
Unclassified	191	250,636	3.0	1.3	6.9	188	245,992	0.6	0.1	3.7
Occupation[1]										
Government/ Semi-government employee	2,186	1,914,202	3.1	2.2	4.4	2,144	1,883,450	1.0	0.5	1.9
Private employee	5,788	7,496,984	3.3	2.7	4.1	5,744	7,522,111	0.9	0.6	1.2
Self-employed	3,743	3,296,689	3.2	2.4	4.2	3,585	3,195,873	1.8	1.2	2.7
Unpaid worker/homemaker	3,281	2,838,594	2.9	2.1	3.9	3,137	2,723,707	1.5	1.1	2.2
Retiree	772	598,150	2.7	1.1	6.2	742	583,047	0.9	0.4	2.0
Unemployed	3,011	2,530,044	2.9	2.1	4.0	2,840	2,408,855	1.6	1.1	2.4
Student	533	708,499	7.4	5.0	10.8	522	704,084	1.7	0.7	3.7
Household Income Group (RM)										
Less than RM1,000	3,126	2,625,357	2.9	2.1	4.0	2,978	2,486,728	2.0	1.4	2.8
RM1,000–RM1,999	3,535	3,193,967	1.9	1.3	2.7	3,371	3,081,494	2.0	1.4	2.9
RM2,000–RM2,999	3,299	3,166,603	2.2	1.7	3.0	3,169	3,060,943	1.2	0.7	1.8
RM3,000–RM3,999	2,451	2,511,063	3.2	2.2	4.6	2,396	2,478,099	0.9	0.5	1.6
RM4,000–RM4,999	1,751	1,935,604	3.5	2.5	4.9	1,721	1,919,881	0.8	0.4	1.6
RM5,000–RM5,999	1,358	1,525,839	3.9	2.7	5.5	1,344	1,525,238	1.3	0.7	2.3
RM6,000–RM6,999	915	999,886	3.9	2.4	6.3	909	1,005,829	0.9	0.4	2.0
RM7,000–RM7,999	741	784,968	4.0	2.4	6.4	735	789,871	0.9	0.4	2.4
RM8,000–RM8,999	570	657,389	3.9	2.4	6.1	563	650,472	0.5	0.2	1.5
RM9,000–RM9,999	303	348,165	6.2	3.2	11.8	299	345,082	0.8	0.1	5.5
RM10,000 and above	1,267	1,635,681	6.4	4.4	9.0	1,281	1,678,854	0.7	0.3	1.6
Household Income Quintiles										
Q1 (20% poorest)	2,685	2,244,100	3.1	2.2	4.3	2,510	2,120,939	1.9	1.3	2.7
Q2	3,629	3,309,805	2.0	1.4	2.8	3,456	3,188,574	2.0	1.4	2.9
Q3	4,197	4,030,807	2.5	1.9	3.3	4,045	3,921,242	1.2	0.8	1.8
Q4	3,995	4,276,469	3.5	2.8	4.4	3,918	4,224,968	0.9	0.6	1.4
Q5 (20% richest)	4,810	5,523,343	4.5	3.7	5.6	4,787	5,566,766	0.9	0.6	1.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,080	3,968,806	1.4	1.0	2.1	3,875	3,842,984	1.6	1.2	2.2
Q2	4,272	3,820,741	2.4	1.9	3.1	4,101	3,703,409	1.7	1.1	2.5
Q3	3,976	3,844,663	2.4	1.7	3.4	3,860	3,770,411	1.3	0.9	1.9
Q4	3,832	3,896,428	4.1	3.2	5.2	3,730	3,834,578	0.9	0.6	1.4
Q5 (20% richest)	3,156	3,854,182	6.2	4.9	7.8	3,150	3,871,388	0.9	0.5	1.4

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.35: Availability of investigations/ medical equipment - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,078**	**19,106,998**	**1.6**	**1.3**	**1.9**	**18,461**	**18,739,984**	**1.2**	**1.0**	**1.4**
State										
Johor	1,678	2,186,488	2.2	1.6	3.2	1,659	2,191,809	1.4	0.8	2.3
Kedah	1,240	1,297,969	0.9	0.5	1.6	1,175	1,244,018	3.5	2.5	4.9
Kelantan	1,148	981,929	0.1	0.0	0.5	1,036	884,607	0.7	0.3	1.4
Melaka	1,118	547,166	0.7	0.3	1.7	1,104	539,828	0.0	0.0	0.1
Negeri Sembilan	1,209	643,168	0.0	0.0	0.2	1,151	617,287	0.2	0.0	1.6
Pahang	1,172	943,279	0.5	0.2	1.1	1,182	962,442	1.6	0.7	3.7
Pulau Pinang	1,747	1,098,089	4.6	2.6	8.2	1,168	1,050,806	0.2	0.1	0.3
Perak	1,325	1,569,332	1.0	0.6	1.8	1,321	1,570,128	0.3	0.1	0.5
Perlis	1,264	157,192	0.0	0.0	0.3	1,130	144,317	0.3	0.1	0.9
Selangor	2,622	3,941,445	2.0	1.4	2.9	2,620	3,946,482	0.8	0.5	1.4
Terengganu	1,176	675,792	0.4	0.1	0.9	1,172	673,605	0.7	0.4	1.4
Sabah/Labuan	1,552	2,201,883	0.7	0.3	1.7	1,469	2,099,451	2.0	1.2	3.1
Sarawak	1,200	1,671,776	0.9	0.4	1.8	1,145	1,608,089	0.8	0.4	1.5
WP Kuala Lumpur	643	1,143,117	4.6	2.8	7.5	646	1,158,842	2.1	0.9	4.9
WP Putrajaya	484	48,374	0.5	0.1	1.9	483	48,271	0.4	0.1	1.5
Location										
Urban	10,946	14,522,852	1.8	1.5	2.2	10,734	14,344,505	1.0	0.7	1.3
Rural	8,132	4,584,146	0.8	0.5	1.2	7,727	4,395,479	1.8	1.4	2.4
Sex										
Male	9,039	9,801,187	1.3	1.0	1.6	8,780	9,675,793	1.0	0.7	1.4
Female	10,039	9,305,812	1.9	1.5	2.4	9,681	9,064,191	1.3	1.1	1.7
Age Group (Years)										
18-19	758	894,918	2.6	1.5	4.6	741	881,654	1.1	0.5	2.4
20-24	1,806	2,678,565	1.4	0.9	2.3	1,770	2,635,501	1.1	0.6	1.9
25-29	2,075	2,611,309	2.1	1.4	3.0	2,043	2,590,468	1.2	0.7	1.9
30-34	2,006	2,463,856	2.0	1.3	3.0	1,965	2,448,794	1.3	0.7	2.5
35-39	1,830	1,954,747	1.0	0.5	1.9	1,788	1,918,717	0.7	0.4	1.4
40-44	1,728	1,765,108	1.3	0.8	2.2	1,681	1,740,329	0.8	0.4	1.4
45-49	1,813	1,672,398	1.3	0.8	2.2	1,763	1,589,245	1.0	0.6	1.9
50-54	1,841	1,443,156	1.3	0.7	2.4	1,773	1,408,813	1.1	0.7	1.9
55-59	1,625	1,214,354	1.4	0.8	2.4	1,552	1,178,753	1.4	0.8	2.3
60-64	1,292	900,616	1.1	0.5	2.6	1,238	873,710	1.7	1.0	3.0
65-69	975	663,601	1.2	0.5	2.9	924	639,749	1.9	0.9	3.7
70-74	646	373,991	1.3	0.4	3.9	590	346,645	1.2	0.6	2.4
75+	683	520,379	2.1	1.1	4.0	633	487,606	2.4	1.3	4.2
Ethnicity[1]										
Malay	12,086	9,712,648	1.3	1.0	1.6	11,607	9,427,573	1.1	0.9	1.4
Chinese	2,988	4,464,539	2.7	2.0	3.6	2,961	4,451,184	0.6	0.4	1.1
Indian	1,348	1,310,470	1.8	1.1	3.2	1,323	1,298,467	2.7	1.5	4.9
Bumiputera Sabah	853	925,355	0.0	-	-	797	873,970	2.3	1.3	4.1
Bumiputera Sarawak	549	839,266	0.9	0.3	2.4	521	805,832	1.2	0.5	2.8
OrangAsli	64	36,394	0.0	-	-	61	35,544	0.0		
Others	1,185	1,816,621	1.3	0.7	2.4	1,197	1,846,289	1.2	0.7	2.2
Citizenship										
Malaysian	18,127	17,561,630	1.5	1.3	1.8	17,494	17,165,462	1.1	0.9	1.4
Non Malaysian	951	1,545,368	2.2	1.3	3.7	967	1,574,522	1.7	0.9	3.0

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,078**	**19,106,998**	**1.6**	**1.3**	**1.9**	**18,461**	**18,739,984**	**1.2**	**1.0**	**1.4**
Marital status										
Never married	3,939	5,252,836	1.9	1.4	2.7	3,873	5,216,986	0.9	0.6	1.3
Married	13,308	12,541,286	1.4	1.2	1.8	12,877	12,287,560	1.2	0.9	1.5
Widow/Widower/Divorcee	1,831	1,312,877	1.4	0.8	2.4	1,711	1,235,438	2.1	1.3	3.3
Education level[1]										
No formal education	1,230	1,040,143	0.6	0.3	1.6	1,145	987,155	2.5	1.6	3.9
Primary	4,490	3,764,399	1.2	0.8	1.8	4,263	3,628,414	1.6	1.2	2.1
Secondary	8,880	8,962,708	1.4	1.1	1.8	8,612	8,793,345	1.1	0.8	1.5
Tertiary	4,280	5,083,839	2.2	1.6	3.0	4,247	5,077,239	0.7	0.4	1.1
Unclassified	181	238,630	1.0	0.3	3.3	180	237,600	2.1	0.8	5.5
Occupation[1]										
Government/ Semi-government employee	2,171	1,892,457	0.8	0.5	1.5	2,128	1,865,564	1.1	0.6	2.0
Private employee	5,715	7,392,650	1.7	1.3	2.3	5,671	7,410,191	0.5	0.3	0.7
Self-employed	3,697	3,255,942	1.2	0.8	1.8	3,535	3,154,315	2.0	1.4	2.9
Unpaid worker/homemaker	3,237	2,789,904	1.5	1.0	2.2	3,086	2,675,713	1.8	1.3	2.5
Retiree	774	601,300	2.1	0.9	4.9	740	581,604	0.5	0.2	1.6
Unemployed	2,957	2,479,149	1.6	1.0	2.5	2,782	2,355,126	1.7	1.1	2.5
Student	525	694,233	2.9	1.7	4.9	517	696,108	1.5	0.7	3.4
Household Income Group (RM)										
Less than RM1,000	3,079	2,576,963	1.7	1.1	2.6	2,874	2,430,094	2.1	1.5	3.0
RM1,000–RM1,999	3,479	3,132,720	1.1	0.6	1.7	3,314	3,022,877	1.8	1.2	2.7
RM2,000–RM2,999	3,260	3,116,962	1.1	0.8	1.7	3,129	3,016,271	1.2	0.7	1.8
RM3,000–RM3,999	2,422	2,475,856	1.8	1.1	2.7	2,365	2,435,715	0.7	0.4	1.3
RM4,000–RM4,999	1,733	1,921,493	1.6	1.0	2.6	1,696	1,897,791	0.5	0.2	1.1
RM5,000–RM5,999	1,353	1,517,715	1.5	0.8	2.7	1,335	1,511,162	1.4	0.8	2.6
RM6,000–RM6,999	905	983,884	1.2	0.5	3.0	894	988,494	0.8	0.3	2.1
RM7,000–RM7,999	731	775,372	1.6	0.7	3.3	725	782,046	0.4	0.1	1.3
RM8,000–RM8,999	561	644,691	3.6	2.0	6.3	557	645,674	1.1	0.5	2.5
RM9,000–RM9,999	301	344,811	2.5	0.8	7.7	298	343,392	0.8	0.1	5.5
RM10,000 and above	1,254	1,616,532	2.1	1.3	3.5	1,274	1,666,468	0.5	0.2	1.4
Household Income Quintiles										
Q1 (20% poorest)	2,647	2,211,042	1.7	1.0	2.7	2,466	2,082,515	2.1	1.4	2.9
Q2	3,569	3,235,146	1.1	0.7	1.8	3,395	3,114,440	1.8	1.2	2.7
Q3	4,145	3,971,187	1.4	1.0	2.0	3,989	3,861,383	1.4	0.9	2.0
Q4	3,956	4,233,014	1.7	1.2	2.3	3,872	4,174,342	0.4	0.3	0.8
Q5 (20% richest)	4,761	5,456,610	1.8	1.3	2.5	4,739	5,507,306	0.9	0.6	1.4
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,008	3,884,829	0.7	0.4	1.2	3,787	3,746,544	1.4	1.0	2.0
Q2	4,229	3,778,259	1.2	0.8	1.7	4,045	3,640,676	1.7	1.2	2.5
Q3	3,927	3,783,765	1.1	0.7	1.6	3,808	3,714,639	1.3	0.8	1.9
Q4	3,789	3,844,770	1.7	1.2	2.3	3,697	3,797,081	0.7	0.4	1.1
Q5 (20% richest)	3,125	3,815,672	3.2	2.4	4.4	3,124	3,841,324	0.8	0.5	1.4

Notes:

1. *[1]not including "refusing/not applicable"*
2. *CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit*

Table 2.36: Availability of specialist - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL
MALAYSIA	**19,093**	**19,136,225**	**2.2**	**1.9**	**2.6**	**18,501**	**18,788,337**	**1.4**	**1.1**	**1.7**
State										
Johor	1,680	2,193,026	3.3	2.3	4.6	1,665	2,201,652	1.4	0.9	2.1
Kedah	1,239	1,297,766	2.5	1.4	4.5	1,178	1,246,452	3.4	2.4	4.9
Kelantan	1,154	986,774	0.3	0.1	1.1	1,041	888,415	1.1	0.6	2.0
Melaka	1,117	542,910	1.2	0.5	2.8	1,104	537,112	0.0	0.0	0.1
Negeri Sembilan	1,210	644,299	0.1	0.0	0.2	1,157	621,174	0.3	0.0	1.4
Pahang	1,176	945,915	0.7	0.3	1.6	1,185	964,500	1.4	0.6	3.0
Pulau Pinang	1,255	1,106,649	5.0	3.0	8.3	1,183	1,062,392	0.6	0.2	1.7
Perak	1,332	1,584,985	1.2	0.7	2.1	1,328	1,582,005	0.6	0.3	1.3
Perlis	1,256	155,875	1.1	0.6	2.2	1,120	142,880	0.2	0.1	0.8
Selangor	2,609	3,923,847	3.1	2.5	4.5	2,607	3,926,950	1.2	0.7	2.0
Terengganu	1,182	680,948	0.3	0.1	0.9	1,179	679,442	0.5	0.2	1.3
Sabah/Labuan	1,557	2,213,890	0.6	0.3	1.2	1,475	2,116,014	2.1	1.3	3.3
Sarawak	1,200	1,670,188	2.2	1.3	3.7	1,148	1,606,682	1.5	0.8	2.8
WP Kuala Lumpur	642	1,140,778	4.4	2.9	6.7	648	1,164,396	2.2	0.9	5.2
WP Putrajaya	484	48,374	0.0	-	-	483	48,271	0.0	-	-
Location										
Urban	10,947	14,537,668	2.5	2.1	2.9	10,745	14,372,912	1.2	0.9	1.6
Rural	8,146	4,598,557	1.5	1.1	2.1	7,756	4,415,426	1.9	1.4	2.5
Sex										
Male	9,054	9,817,134	2.0	1.6	2.5	8,810	9,714,390	1.2	0.9	1.6
Female	10,039	9,319,091	2.5	2.1	3.0	9,691	9,073,948	1.5	1.2	1.9
Age Group (Years)										
18-19	758	896,935	2.5	1.4	4.5	744	886,345	2.0	1.0	3.7
20-24	1,809	2,686,185	2.3	1.5	3.4	1,778	2,653,250	1.4	0.9	2.2
25-29	2,074	2,614,792	2.2	1.5	3.4	2,041	2,591,134	1.3	0.8	2.2
30-34	2,009	2,468,097	2.4	1.6	3.5	1,968	2,451,224	1.5	0.8	2.6
35-39	1,835	1,964,413	2.0	1.3	3.0	1,794	1,925,752	1.1	0.7	1.9
40-44	1,730	1,766,150	2.0	1.3	3.0	1,682	1,747,096	1.1	0.7	2.0
45-49	1,811	1,620,776	2.5	1.7	3.5	1,762	1,585,930	0.8	0.4	1.5
50-54	1,838	1,442,023	2.0	1.3	3.1	1,772	1,406,246	1.6	1.0	2.6
55-59	1,629	1,216,686	2.4	1.6	3.5	1,562	1,185,523	0.8	0.4	1.5
60-64	1,296	904,462	2.6	1.4	4.9	1,240	875,621	2.1	1.3	3.4
65-69	975	665,863	0.9	0.5	1.9	928	643,714	1.8	1.0	3.0
70-74	642	370,067	1.5	0.6	4.1	590	347,292	1.4	0.5	3.5
75+	687	519,778	3.8	2.2	6.4	640	489,212	1.9	0.9	3.6
Ethnicity[1]										
Malay	12,100	9,728,821	1.8	1.4	2.2	11,635	9,445,949	1.2	1.0	1.5
Chinese	2,979	4,460,818	3.9	3.1	5.0	2,964	4,458,769	1.1	0.7	1.7
Indian	1,351	1,313,220	2.6	1.6	4.3	1,326	1,303,711	2.2	1.1	4.5
Bumiputera Sabah	857	930,839	0.6	0.2	1.5	801	879,453	2.3	1.3	4.3
Bumiputera Sarawak	553	844,401	2.7	1.3	5.6	523	807,892	1.9	0.9	4.3
Orang Asli	64	36,394	0.0	-	-	61	35,544	0.0	-	-
Others	1,184	1,820,027	1.0	0.5	2.0	1,187	1,855,895	1.5	0.9	2.6
Citizenship										
Malaysian	18,138	17,583,421	2.3	1.9	2.7	17,528	17,203,110	1.3	1.1	1.6
Non Malaysian	955	1,552,804	1.8	1.1	3.1	973	1,585,227	1.9	1.1	3.2

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,093**	**19,136,225**	**2.2**	**1.9**	**2.6**	**18,501**	**18,788,337**	**1.4**	**1.1**	**1.7**
Marital status										
Never married	3,938	5,255,432	2.4	1.8	3.1	3,881	5,227,437	1.4	1.0	1.9
Married	13,316	12,560,217	2.2	1.8	2.6	12,902	12,318,098	1.3	1.0	1.7
Widow/Widower/Divorcee	1,839	1,320,576	2.5	1.5	4.0	1,718	1,242,802	2.0	1.3	3.1
Education level[1]										
No formal education	1,235	1,044,433	1.1	0.6	2.1	1,154	993,112	1.9	1.1	3.1
Primary	4,497	3,772,504	1.7	1.2	2.3	4,276	3,648,965	1.7	1.2	2.2
Secondary	8,881	8,975,412	2.1	1.7	2.6	8,622	8,805,575	1.2	0.9	1.7
Tertiary	4,278	5,084,244	3.2	2.5	4.1	4,248	5,078,206	1.2	0.8	1.8
Unclassified	184	242,153	0.8	0.3	2.6	186	246,047	2.6	0.9	7.5
Occupation[1]										
Government/ Semi-government employee	2,178	1,905,083	1.3	0.8	2.0	2,135	1,876,692	1.4	0.8	2.4
Private employee	5,714	7,394,136	2.5	2.0	3.2	5,680	7,427,775	1.0	0.7	1.4
Self-employed	3,702	3,258,951	2.1	1.5	2.9	3,538	3,154,469	1.9	1.3	2.8
Unpaid worker/homemaker	3,237	2,792,635	2.3	1.6	3.2	3,097	2,680,378	1.6	1.1	2.2
Retiree	773	601,880	2.8	1.5	5.2	739	582,189	0.5	0.2	1.2
Unemployed	2,963	2,489,087	1.7	1.2	2.6	2,795	2,371,073	1.6	1.1	2.3
Student	524	693,091	3.8	2.3	6.3	515	694,398	1.9	0.9	4.2
Household Income Group (RM)										
Less than RM1,000	3,078	2,583,425	2.4	1.7	3.3	2,873	2,433,523	1.8	1.2	2.6
RM1,000–RM1,999	5,488	3,141,866	1.9	1.3	2.8	3,322	3,029,590	2.1	1.5	3.0
RM2,000–RM2,999	3,258	3,119,340	1.5	1.0	2.4	3,134	3,023,512	0.9	0.5	1.4
RM3,000–RM3,999	2,428	2,489,095	2.0	1.3	3.0	2,375	2,451,312	1.3	0.8	2.2
RM4,000–RM4,999	1,733	1,916,414	2.7	1.8	3.9	1,706	1,906,052	0.9	0.5	1.7
RM5,000–RM5,999	1,353	1,518,154	2.5	1.6	4.0	1,337	1,517,202	1.4	0.8	2.5
RM6,000–RM6,999	908	985,572	1.9	1.0	3.5	898	989,835	0.7	0.3	1.5
RM7,000–RM7,999	732	774,150	2.3	1.3	4.1	728	782,666	1.3	0.5	3.1
RM8,000–RM8,999	562	647,158	2.7	1.5	4.6	557	642,990	1.6	0.7	3.3
RM9,000–RM9,999	300	343,701	3.2	1.5	6.6	297	342,715	1.7	0.5	5.4
RM10,000 and above	1,253	1,617,349	3.5	2.3	5.2	1,274	1,668,939	1.2	0.5	2.6
Household Income Quintiles										
Q1 (20% poorest)	2,644	2,211,218	2.3	1.6	3.3	2,462	2,077,811	1.6	1.0	2.5
Q2	3,581	3,251,541	2.1	1.4	2.9	3,407	3,129,102	2.1	1.4	3.0
Q3	4,148	3,979,486	1.7	1.2	2.5	4,000	3,875,371	1.2	0.8	1.8
Q4	3,954	4,231,131	2.5	1.8	3.3	3,884	4,188,324	1.0	0.6	1.5
Q5 (20% richest)	4,766	5,462,849	2.6	2.0	3.3	4,748	5,517,729	1.2	0.9	1.8
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,011	3,892,673	1.2	0.8	1.8	3,805	3,769,214	1.4	1.0	1.9
Q2	4,239	3,793,013	1.4	1.0	2.0	3,955	3,657,037	1.6	1.1	2.5
Q3	3,936	3,796,595	2.1	1.5	2.9	3,826	3,736,769	1.5	1.1	2.3
Q4	3,789	3,851,100	2.4	1.8	3.1	3,694	3,795,565	1.1	0.7	1.8
Q5 (20% richest)	3,118	3,803,134	4.1	3.3	5.2	3,121	3,830,026	1.2	0.8	1.8

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.37: Allowed to choose doctor - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	UL
MALAYSIA	**19,029**	**19,051,479**	**14.9**	**13.7**	**16.1**	**18,482**	**18,735,321**	**3.0**	**2.5**	**3.4**
State										
Johor	1,662	2,163,990	19.7	15.6	24.7	1,647	2,175,741	2.9	1.8	4.6
Kedah	1,237	1,295,993	11.5	8.0	16.3	1,175	1,244,127	4.1	2.9	5.7
Kelantan	1,162	994,522	10.2	7.9	13.1	1,052	900,342	4.6	3.1	6.8
Melaka	1,128	559,104	3.6	2.1	6.0	1,117	555,394	0.4	0.1	1.5
Negeri Sembilan	1,182	623,126	5.3	2.8	9.8	1,134	601,489	0.3	0.1	1.5
Pahang	1,165	939,579	12.3	9.1	16.3	1,180	961,903	3.6	2.3	5.6
Pulau Pinang	1,256	1,109,313	34.8	27.6	42.8	1,186	1,069,317	3.3	1.4	7.5
Perak	1,339	1,591,034	17.2	11.5	25.1	1,334	1,588,260	0.7	0.4	1.2
Perlis	1,262	157,203	5.1	3.7	6.9	1,134	144,861	0.5	0.2	1.6
Selangor	2,612	3,923,192	15.2	13.2	17.6	2,615	3,934,367	2.4	1.7	3.4
Terengganu	1,177	678,224	6.2	4.3	8.7	1,177	677,814	3.0	1.9	4.6
Sabah/Labuan	1,534	2,178,841	4.4	3.3	5.9	1,456	2,078,658	3.0	2.1	4.2
Sarawak	1,190	1,651,161	18.9	15.1	23.3	1,146	1,595,313	6.8	4.3	10.6
WP Kuala Lumpur	639	1,137,823	23.8	18.1	30.6	646	1,159,464	2.4	1.2	4.7
WP Putrajaya	484	48,374	1.6	0.7	3.5	483	48,271	1.2	0.5	2.8
Location										
Urban	10,909	14,478,697	15.8	14.4	17.3	10,729	14,336,066	2.6	2.1	3.1
Rural	8,120	4,572,782	11.9	10.2	13.8	7,753	4,399,255	4.3	3.4	5.3
Sex										
Male	9,004	9,750,298	13.1	11.9	14.4	8,785	9,664,435	2.5	2.1	3.1
Female	10,025	9,301,181	16.7	15.3	18.3	9,697	9,070,886	3.4	2.8	4.1
Age Group (Years)										
18-19	753	889,079	15.2	12.2	18.8	741	885,446	4.7	2.9	7.4
20-24	1,808	2,671,320	14.4	12.2	17.0	1,777	2,633,674	3.2	2.3	4.4
25-29	2,073	2,615,983	16.1	13.9	18.4	2,038	2,588,391	3.2	2.3	4.4
30-34	2,005	2,465,441	14.6	12.4	17.1	1,965	2,450,000	2.7	1.8	4.2
35-39	1,827	1,950,260	13.5	11.5	15.7	1,791	1,918,857	2.5	1.7	3.6
40-44	1,717	1,753,450	16.0	13.6	18.7	1,674	1,732,442	2.5	1.8	3.5
45-49	1,808	1,617,909	15.3	13.0	17.9	1,760	1,580,815	7.0	1.3	3.1
50-54	1,827	1,428,145	14.4	12.4	16.7	1,767	1,400,169	3.2	2.3	4.6
55-59	1,623	1,210,165	14.3	12.2	16.9	1,555	1,179,513	2.6	1.7	3.9
60-64	1,294	904,013	13.1	10.6	16.1	1,249	885,538	3.4	2.4	4.9
65-69	964	658,363	14.8	11.7	18.6	925	642,436	2.8	1.7	4.7
70-74	646	370,476	14.6	10.3	20.2	595	349,780	3.4	1.6	7.2
75+	684	516,873	17.6	13.9	22.0	643	488,259	4.0	2.5	6.3
Ethnicity[1]										
Malay	12,084	9,709,691	13.1	11.8	14.7	11,633	9,434,640	2.9	2.4	3.5
Chinese	2,975	4,454,466	22.7	19.8	25.8	2,978	4,470,569	2.1	1.4	3.0
Indian	1,345	1,308,562	15.4	12.3	19.1	1,322	1,299,558	3.1	1.8	5.1
Bumiputera Sabah	840	912,153	5.7	4.3	7.6	787	861,733	5.6	2.3	5.8
Bumiputera Sarawak	543	828,648	18.4	12.7	25.9	517	796,503	7.5	4.7	11.9
Orang Asli	63	35,794	19.0	13.6	25.9	60	34,944	0.0		
Others	1,174	1,800,460	7.4	5.5	9.9	1,181	1,836,247	3.0	2.0	4.3
Citizenship										
Malaysian	18,083	17,515,302	15.4	14.1	16.7	17,512	17,163,186	2.9	2.5	3.4
Non Malaysian	946	1,536,177	9.2	6.8	12.3	970	1,572,135	3.3	2.3	4.8

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "spoor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "spoor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,029**	**19,051,479**	**14.9**	**13.7**	**16.1**	**18,482**	**18,735,321**	**3.0**	**2.5**	**3.4**
Marital status										
Never married	3,933	5,238,583	16.2	14.4	18.3	3,880	5,217,893	3.2	2.5	4.1
Married	13,268	12,501,718	14.3	13.1	15.6	12,887	12,280,180	2.8	2.4	3.3
Widow/Widower/Divorcee	1,828	1,311,178	14.6	12.3	17.4	1,715	1,237,248	3.1	2.1	4.4
Education level[1]										
No formal education	1,233	1,033,352	10.8	8.4	13.8	1,159	986,136	4.3	3.1	6.1
Primary	4,485	3,764,528	12.9	11.2	14.7	4,288	3,653,834	3.5	2.8	4.3
Secondary	8,851	8,937,265	13.9	12.6	15.4	8,601	8,776,905	2.8	2.2	3.4
Tertiary	4,264	5,070,683	19.1	17.2	21.1	4,237	5,064,211	2.7	2.0	3.5
Unclassified	179	230,690	10.6	5.0	21.0	182	237,603	2.5	1.0	5.8
Occupation[1]										
Government/ Semi-government employee	2,167	1,891,801	14.9	12.5	17.6	2,124	1,859,765	3.7	2.5	5.3
Private employee	5,691	7,356,616	15.8	14.3	17.5	5,662	7,398,195	2.4	1.9	3.0
Self-employed	3,698	3,253,893	13.8	11.9	16.0	3,542	3,152,268	2.7	2.0	3.7
Unpaid worker/homemaker	3,237	2,796,522	15.0	13.1	17.2	3,098	2,683,660	3.8	2.8	5.1
Retiree	764	592,872	16.0	12.3	20.5	737	580,272	1.6	0.8	3.1
Unemployed	2,952	2,473,393	12.0	10.2	14.1	2,803	2,367,810	3.4	2.5	4.5
Student	518	685,018	18.3	14.4	22.9	514	691,988	4.6	3.0	7.2
Household Income Group (RM)										
Less than RM1,000	3,072	2,560,705	13.5	11.6	15.8	2,881	2,427,970	3.7	2.8	4.8
RM1,000–RM1,999	3,482	3,138,168	12.1	10.5	13.9	3,323	3,030,867	3.9	2.8	5.3
RM2,000–RM2,999	3,252	3,102,758	12.7	11.1	14.6	3,145	3,020,265	3.1	2.3	4.1
RM3,000–RM3,999	2,415	2,475,815	14.9	12.6	17.5	2,365	2,440,965	3.1	2.2	4.3
RM4,000–RM4,999	1,727	1,907,400	16.1	13.6	19.0	1,705	1,900,862	2.0	1.3	3.1
RM5,000–RM5,999	1,345	1,510,664	15.8	13.2	18.7	1,327	1,502,952	2.1	1.3	3.3
RM6,000–RM6,999	900	983,147	15.3	12.1	19.0	894	991,718	2.4	1.4	4.1
RM7,000–RM7,999	732	775,381	20.5	16.2	25.6	728	780,540	2.7	1.5	4.9
RM8,000–RM8,999	562	647,078	17.6	13.6	22.5	557	644,217	3.2	1.6	6.4
RM9,000–RM9,999	301	345,668	17.1	11.5	24.6	298	344,682	2.6	1.1	6.3
RM10,000 and above	1,241	1,604,494	19.6	16.7	23.6	1,259	1,650,282	2.1	1.3	3.6
Household Income Quintiles										
Q1 (20% poorest)	2,640	2,197,415	13.6	11.5	16.1	2,471	2,080,725	3.6	2.7	4.7
Q2	3,570	3,238,224	12.1	10.6	13.8	3,404	3,121,800	3.6	2.7	4.8
Q3	4,141	3,960,161	12.9	11.3	14.7	4,010	3,868,744	3.4	2.6	4.5
Q4	3,938	4,214,784	16.2	14.2	18.3	3,876	4,177,066	2.4	1.7	3.3
Q5 (20% richest)	4,740	5,440,895	17.4	15.7	19.4	4,721	5,486,987	2.4	1.8	3.2
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,015	3,885,053	11.0	9.3	13.0	3,818	3,762,079	3.2	2.6	4.0
Q2	4,214	3,754,993	14.0	12.3	16.0	4,037	3,630,407	4.3	3.3	5.5
Q3	3,924	3,782,589	13.7	12.0	15.6	3,818	3,722,889	2.9	2.2	3.8
Q4	3,772	3,835,716	14.1	12.3	16.2	3,694	3,796,253	2.6	2.0	3.5
Q5 (20% richest)	3,104	3,793,423	21.6	18.9	24.6	3,115	3,823,971	1.8	1.3	2.6

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.38: Waiting time to see doctor - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,300**	**19,361,600**	**21.0**	**19.8**	**22.3**	**18,669**	**18,959,121**	**3.2**	**2.7**	**3.7**
State										
Johor	1,707	2,227,677	22.6	18.8	27.0	1,687	2,232,467	3.3	2.2	5.1
Kedah	1,244	1,301,678	13.6	10.8	17.1	1,182	1,250,388	4.1	3.0	5.7
Kelantan	1,162	993,770	11.3	8.6	14.7	1,048	896,929	0.9	0.4	2.0
Melaka	1,137	562,411	9.1	6.3	13.1	1,121	553,367	0.2	0.1	0.8
Negeri Sembilan	1,219	647,791	8.1	6.3	10.5	1,157	620,404	0.3	0.1	1.4
Pahang	1,185	957,447	14.1	11.2	17.7	1,193	975,619	1.7	0.9	3.2
Pulau Pinang	1,274	1,118,730	44.2	38.4	50.1	1,195	1,073,338	9.0	5.4	14.9
Perak	1,344	1,599,481	26.1	21.1	31.8	1,341	1,596,908	3.3	2.1	5.2
Perlis	1,274	158,442	11.2	8.6	14.3	1,143	145,630	0.5	0.2	1.1
Selangor	2,643	3,971,103	27.1	24.1	30.3	2,637	3,966,782	2.7	1.8	3.9
Terengganu	1,185	682,077	11.4	8.7	14.9	1,180	680,178	1.3	0.8	2.3
Sabah/Labuan	1,579	2,243,346	14.1	11.0	17.9	1,488	2,123,935	3.4	2.3	5.1
Sarawak	1,221	1,706,743	19.8	15.7	24.7	1,165	1,628,867	4.6	3.2	6.6
WP Kuala Lumpur	642	1,142,529	25.4	21.0	30.5	648	1,165,934	3.2	2.0	5.3
WP Putrajaya	484	48,374	20.2	14.4	27.6	484	48,374	0.4	0.1	1.5
Location										
Urban	11,062	14,705,693	22.7	21.3	24.2	10,837	14,498,652	3.2	2.7	3.9
Rural	8,238	4,655,908	15.7	13.9	17.6	7,832	4,460,469	3.1	2.5	3.8
Sex										
Male	9,140	9,922,970	21.6	20.1	23.2	8,879	9,787,537	3.1	2.5	3.8
Female	10,160	9,438,630	20.4	19.1	21.8	9,790	9,171,584	3.3	2.8	3.9
Age Group (Years)										
18-19	770	913,163	20.4	17.1	24.1	754	901,851	3.5	2.2	5.4
20-24	1,835	2,716,395	19.6	17.3	22.2	1,801	2,676,775	3.4	2.5	4.6
25-29	2,096	2,644,456	22.0	19.4	24.8	2,057	2,608,207	2.9	2.0	4.2
30-34	2,028	2,496,521	22.8	20.3	25.5	1,981	2,470,739	2.8	1.9	4.0
35-39	1,849	1,980,766	22.0	19.4	24.8	1,805	1,937,305	2.8	2.0	4.0
40-44	1,745	1,783,651	22.3	19.9	24.9	1,691	1,756,039	2.8	1.9	4.0
45-49	1,826	1,638,005	22.6	20.0	25.4	1,773	1,599,731	3.0	2.1	4.4
50-54	1,853	1,456,548	19.9	17.5	22.4	1,788	1,421,676	3.3	2.3	4.6
55-59	1,646	1,234,172	19.1	16.5	22.0	1,575	1,200,050	3.0	2.0	4.6
60-64	1,313	917,227	19.0	16.0	22.3	1,258	889,423	4.0	2.8	5.7
65-69	982	670,160	18.7	15.5	22.3	934	644,972	3.6	2.4	5.4
70-74	652	377,887	17.5	13.4	22.6	598	351,861	4.1	2.2	7.3
75+	705	532,649	20.0	16.0	24.8	654	500,491	6.1	3.9	9.7
Ethnicity[1]										
Malay	12,195	9,799,593	20.4	18.9	22.0	11,712	9,502,460	2.9	2.3	3.7
Chinese	3,030	4,517,571	27.2	24.5	30.2	3,006	4,502,229	3.7	2.8	4.9
Indian	1,357	1,315,800	19.9	16.8	23.4	1,331	1,303,748	2.7	1.7	4.3
Bumiputera Sabah	865	938,390	15.6	12.3	19.5	806	881,625	2.5	1.4	4.5
Bumiputera Sarawak	561	865,427	19.3	13.9	26.2	527	819,475	4.7	3.0	7.3
Orang Asli	65	37,144	14.3	9.3	21.4	61	35,894	2.5	0.3	20.0
Others	1,222	1,885,969	13.8	11.0	17.1	1,222	1,912,565	3.2	2.1	4.9
Citizenship										
Malaysian	18,302	17,743,128	21.7	20.4	22.9	17,659	17,317,181	3.2	2.7	3.7
Non Malaysian	998	1,618,472	14.2	11.3	17.7	1,010	1,641,940	3.5	2.3	5.4

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	UL
MALAYSIA	**19,300**	**19,361,600**	**21.0**	**19.8**	**22.3**	**18,669**	**18,959,121**	**3.2**	**2.7**	**3.7**
Marital status										
Never married	4,000	5,330,272	22.9	20.9	25.0	3,913	5,289,982	3.2	2.5	4.0
Married	13,438	12,695,558	20.7	19.5	22.1	13,006	12,421,650	3.1	2.6	3.7
Widow/Widower/Divorcee	1,862	1,335,770	16.4	14.0	19.1	1,730	1,247,490	3.6	2.5	5.2
Education level[1]										
No formal education	1,267	1,069,671	13.7	11.0	17.0	1,178	1,009,933	5.0	3.4	7.2
Primary	4,565	3,857,077	17.4	15.6	19.4	4,337	3,724,039	3.9	3.1	4.9
Secondary	8,957	9,053,145	20.7	19.3	22.2	8,687	8,867,286	2.9	2.4	3.6
Tertiary	4,303	5,114,695	25.8	23.8	27.9	4,263	5,092,931	2.8	2.1	3.8
Unclassified	190	249,531	20.8	14.2	29.3	189	248,501	2.7	1.1	6.4
Occupation[1]										
Government/ Semi-government employee	2,186	1,913,796	20.4	17.9	23.3	2,138	1,876,529	2.0	1.4	3.1
Private employee	5,779	7,483,554	23.8	22.0	25.7	5,737	7,501,511	3.1	2.4	3.9
Self-employed	3,739	3,291,568	20.5	18.4	22.8	3,576	3,180,930	3.4	2.6	4.4
Unpaid worker/homemaker	3,282	2,840,805	19.0	17.1	21.0	3,120	2,705,374	3.5	2.8	4.5
Retiree	775	602,515	22.7	18.3	27.8	741	582,824	2.1	1.1	4.0
Unemployed	3,005	2,521,323	15.7	13.8	17.8	2,839	2,409,228	3.7	2.8	4.9
Student	532	706,676	21.9	17.7	26.7	521	701,362	4.2	2.3	7.6
Household Income Group (RM)										
Less than RM1,000	3,119	2,617,619	18.0	16.0	20.2	2,915	2,477,819	4.0	3.1	5.3
RM1,000–RM1,999	3,534	3,191,076	17.9	15.7	20.2	3,362	3,067,658	3.7	2.8	4.9
RM2,000–RM2,999	3,298	3,167,252	19.4	17.4	21.6	3,164	3,057,805	3.2	2.4	4.4
RM3,000–RM3,999	2,449	2,507,595	21.0	18.7	23.5	2,391	2,462,411	3.1	2.3	4.1
RM4,000–RM4,999	1,751	1,938,279	23.5	20.5	26.6	1,718	1,913,443	2.7	1.6	4.3
RM5,000–RM5,999	1,356	1,522,256	23.4	20.0	27.2	1,339	1,519,488	3.1	1.9	4.9
RM6,000–RM6,999	910	991,372	20.5	16.9	24.6	901	997,903	2.5	1.5	4.2
RM7,000–RM7,999	743	787,078	27.7	22.8	33.2	736	790,918	1.6	0.8	3.2
RM8,000–RM8,999	568	653,865	26.3	21.7	31.4	562	648,303	3.5	1.6	7.4
RM9,000–RM9,999	302	346,501	24.9	19.0	31.9	299	345,082	2.7	1.0	6.7
RM10,000 and above	1,270	1,638,707	24.3	21.1	27.8	1,282	1,678,290	2.9	1.9	4.4
Household Income Quintiles										
Q1 (20% poorest)	2,681	2,239,822	17.5	15.4	19.7	2,502	2,118,780	4.2	3.2	5.6
Q2	3,625	3,303,453	18.0	15.9	20.2	3,444	3,169,663	3.6	2.7	4.7
Q3	4,198	4,034,521	19.6	17.8	21.6	4,035	3,908,113	3.2	2.4	4.1
Q4	3,991	4,272,611	22.9	20.8	25.2	3,912	4,209,971	3.0	2.3	4.0
Q5 (20% richest)	4,805	5,511,193	23.9	22.2	25.8	4,776	5,552,593	2.7	2.1	3.5
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,077	3,960,962	16.5	14.6	18.6	3,865	3,830,623	3.3	2.6	4.1
Q2	4,272	3,826,961	18.4	16.3	20.7	4,089	3,694,632	4.3	3.1	5.8
Q3	3,974	3,837,182	21.1	19.2	23.3	3,853	3,758,518	3.0	2.3	3.8
Q4	3,823	3,885,847	22.1	20.0	24.4	3,718	3,819,053	2.9	2.1	3.8
Q5 (20% richest)	3,154	3,850,943	27.0	24.6	29.6	3,144	3,856,575	2.6	1.9	3.5

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; U L = Upper Limit

Table 2.39: Amount of time the doctor spent with patient - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL
MALAYSIA	**19,262**	**19,329,187**	**3.9**	**3.4**	**4.4**	**18,643**	**18,944,089**	**1.4**	**1.1**	**1.7**
State										
Johor	1,706	2,227,379	4.6	3.3	6.2	1,688	2,233,761	0.9	0.5	1.6
Kedah	1,238	1,297,107	2.1	1.4	3.2	1,178	1,248,193	3.4	2.4	4.8
Kelantan	1,161	993,170	0.7	0.3	1.6	1,043	891,935	0.3	0.1	0.8
Melaka	1,137	562,411	1.2	0.6	2.7	1,124	555,858	0.2	0.1	1.1
Negeri Sembilan	1,218	647,133	0.3	0.1	0.7	1,158	622,058	0.3	0.1	1.4
Pahang	1,184	956,858	1.6	0.9	2.7	1,192	974,488	1.0	0.4	2.6
Pulau Pinang	1,267	1,110,034	10.0	7.0	14.2	1,188	1,065,134	1.8	0.9	3.5
Perak	1,344	1,597,730	3.2	1.7	5.8	1,338	1,593,024	0.6	0.2	1.5
Perlis	1,273	158,053	1.1	0.5	2.1	1,139	145,190	0.5	0.2	1.2
Selangor	2,637	3,965,040	5.5	4.3	7.1	2,635	3,969,293	1.2	0.8	1.9
Terengganu	1,179	679,338	0.5	0.2	1.2	1,177	678,854	1.0	0.4	2.1
Sabah/Labuan	1,576	2,236,450	1.9	1.1	3.3	1,488	2,126,902	1.8	1.1	3.1
Sarawak	1,215	1,700,383	3.6	2.1	5.9	1,163	1,625,091	2.1	0.9	4.6
WP Kuala Lumpur	643	1,149,727	9.1	6.0	13.4	648	1,165,934	2.6	1.2	5.2
WP Putrajaya	484	48,374	0.3	0.0	1.8	484	48,374	0.0	-	-
Location										
Urban	11,038	14,679,527	4.4	3.9	5.1	10,828	14,488,420	1.2	1.0	1.6
Rural	8,224	4,649,659	2.2	1.6	3.2	7,815	4,455,669	1.9	1.3	2.7
Sex										
Male	9,132	9,917,244	3.9	3.3	4.5	8,874	9,788,018	1.3	0.9	1.8
Female	10,130	9,411,942	3.9	3.4	4.6	9,769	9,156,071	1.5	1.2	1.9
Age Group (Years)										
18-19	769	912,200	4.1	2.7	6.1	751	894,508	1.8	0.9	3.5
20-24	1,842	2,718,620	3.5	2.5	4.9	1,796	2,670,689	1.3	0.7	2.2
25-29	2,095	2,644,970	5.0	3.8	6.7	2,056	2,609,997	1.7	0.9	3.0
30-34	2,022	2,485,530	3.6	2.7	4.8	1,981	2,472,161	1.9	1.1	3.1
35-39	1,849	1,981,922	4.6	3.4	6.3	1,806	1,939,895	1.0	0.5	1.8
40-44	1,739	1,777,357	4.8	3.5	6.6	1,692	1,758,770	1.5	0.9	2.4
45-49	1,822	1,632,757	4.2	3.1	5.6	1,773	1,599,997	0.8	0.4	1.5
50-54	1,845	1,449,570	3.1	2.2	4.4	1,783	1,420,110	1.2	0.8	2.0
55-59	1,642	1,232,309	2.9	2.0	4.2	1,569	1,196,598	0.6	0.3	1.1
60-64	1,311	916,082	2.9	1.9	4.6	1,255	887,739	1.9	1.1	3.1
65-69	981	669,697	1.9	1.0	3.6	932	644,240	1.4	0.8	2.5
70-74	651	377,687	1.9	1.0	3.8	597	351,661	0.9	0.4	2.0
75+	704	530,486	4.7	2.9	7.6	652	497,725	2.2	1.1	4.2
Ethnicity[1]										
Malay	12,182	9,791,945	3.3	2.8	3.9	11,694	9,491,493	1.1	0.9	1.4
Chinese	3,020	4,506,758	6.0	4.8	7.4	3,002	4,499,938	1.4	0.9	2.1
Indian	1,356	1,321,914	4.8	3.1	7.3	1,330	1,305,188	2.5	1.3	4.6
Bumiputera Sabah	864	936,402	1.7	0.9	3.0	807	883,278	2.0	1.0	3.7
Bumiputera Sarawak	560	864,774	2.5	1.3	4.6	528	818,978	1.3	0.6	2.7
Orang Asli	65	37,144	0.0	-	-	62	36,294	0.0	-	-
Others	1,210	1,868,544	3.5	2.1	5.8	1,216	1,907,795	2.1	1.1	4.1
Citizenship										
Malaysian	18,276	17,725,405	3.9	3.4	4.4	17,639	17,307,714	1.2	1.0	1.5
Non Malaysian	986	1,603,782	4.3	2.6	6.9	1,004	1,636,375	2.9	1.6	5.3

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,262**	**19,329,187**	**3.9**	**3.4**	**4.4**	**18,643**	**18,944,089**	**1.4**	**1.1**	**1.7**
Marital status										
Never married	3,993	5,329,469	4.5	3.7	5.6	3,918	5,269,657	1.5	1.0	2.3
Married	13,414	12,672,417	3.7	3.2	4.3	12,995	12,427,650	1.3	1.0	1.6
Widow/Widower/Divorcee	1,855	1,327,301	3.0	1.9	4.5	1,730	1,246,782	2.2	1.4	3.4
Education level[1]										
No formal education	1,261	1,061,705	1.9	1.1	3.2	1,171	1,006,184	2.0	1.2	3.4
Primary	4,550	3,840,413	2.3	1.7	3.0	4,328	3,713,431	1.7	1.3	2.3
Secondary	8,948	9,046,987	3.8	3.3	4.5	8,680	8,867,473	1.3	1.0	1.8
Tertiary	4,297	5,115,811	5.7	4.7	7.0	4,263	5,095,480	1.2	0.8	1.7
Unclassified	188	246,792	1.3	0.4	4.2	186	245,091	1.1	0.3	4.0
Occupation[1]										
Government/ Semi-government employee	2,185	1,912,277	2.9	2.0	4.3	2,139	1,878,587	1.1	0.6	2.0
Private employee	5,768	7,477,579	4.8	4.1	5.7	5,724	7,498,183	1.0	0.6	1.5
Self-employed	3,731	3,285,560	3.3	2.6	4.3	3,568	3,177,236	2.0	1.3	2.9
Unpaid worker/homemaker	3,270	2,827,157	3.2	2.4	4.3	3,118	2,709,591	1.8	1.3	2.5
Retiree	775	602,515	5.1	3.0	8.7	740	582,678	0.2	0.1	0.7
Unemployed	3,000	2,517,404	2.4	1.7	3.4	2,831	2,397,981	1.5	1.0	2.2
Student	533	705,332	6.2	3.9	9.7	519	698,472	3.4	1.8	6.0
Household Income Group (RM)										
Less than RM1,000	3,112	2,617,573	3.8	2.8	5.3	2,905	2,464,941	2.0	1.1	2.9
RM1,000–RM1,999	3,525	3,187,179	2.8	2.0	3.9	3,357	3,064,928	2.4	1.6	3.7
RM2,000–RM2,999	3,294	3,163,233	2.5	1.8	3.5	3,162	3,061,416	1.1	0.7	1.9
RM3,000–RM3,999	2,448	2,506,001	3.9	2.9	5.3	2,390	2,466,439	1.3	0.8	2.3
RM4,000–RM4,999	1,746	1,929,475	4.5	3.4	5.9	1,713	1,910,038	1.0	0.5	1.7
RM5,000–RM5,999	1,356	1,522,256	4.6	3.3	6.4	1,336	1,515,315	0.9	0.4	2.1
RM6,000–RM6,999	910	991,372	4.0	2.5	6.3	901	997,903	0.9	0.5	1.9
RM7,000–RM7,999	740	784,615	5.0	3.3	7.4	735	789,814	0.7	0.2	2.3
RM8,000–RM8,999	565	652,249	4.1	2.6	6.2	561	647,878	1.5	0.6	3.8
RM9,000–RM9,999	301	345,668	4.8	2.6	8.6	299	345,082	0.8	0.1	5.5
RM10,000 and above	1,265	1,634,566	6.6	4.8	9.1	1,284	1,680,333	0.8	0.3	2.0
Household Income Quintiles										
Q1 (20% poorest)	2,674	2,237,561	3.7	2.6	5.3	2,491	2,103,273	1.9	1.3	2.9
Q2	3,618	3,298,502	3.1	2.2	4.3	3,441	3,170,072	2.3	1.5	3.6
Q3	4,191	4,027,156	2.6	2.0	3.5	4,034	3,917,170	1.2	0.8	1.9
Q4	3,986	4,263,827	4.3	3.4	5.4	3,905	4,205,828	1.2	0.8	1.8
Q5 (20% richest)	4,793	5,502,140	5.1	4.3	6.1	4,772	5,547,746	0.9	0.6	1.4
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,059	3,941,621	2.6	1.9	3.6	3,841	3,810,709	1.8	1.2	2.7
Q2	4,267	3,823,281	2.6	2.0	3.4	4,080	3,687,850	1.6	1.1	2.4
Q3	3,976	3,846,166	3.8	2.8	5.0	3,859	3,767,299	1.3	0.9	2.0
Q4	3,817	3,878,081	4.4	3.6	5.5	3,716	3,815,991	1.2	0.8	1.8
Q5 (20% richest)	3,143	3,840,335	6.1	4.9	7.6	3,147	3,862,522	1.1	0.7	1.6

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence interval; LL = Lower Limit; U L= Upper Limit

Table 2.40: Ability of doctor to give correct diagnosis and treatment - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	UL
MALAYSIA	**19,192**	**19,251,108**	**1.8**	**1.5**	**2.1**	**18,572**	**18,868,275**	**1.0**	**0.8**	**1.2**
State										
Johor	1,701	2,216,562	2.2	1.5	3.1	1,681	2,220,637	0.6	0.3	1.1
Kedah	1,236	1,296,352	1.2	0.7	2.1	1,174	1,244,700	3.1	2.2	4.4
Kelantan	1,148	980,244	0.3	0.1	1.3	1,024	872,754	0.7	0.3	1.6
Melaka	1,130	554,521	1.1	0.4	2.6	1,118	551,805	0.3	0.1	1.1
Negeri Sembilan	1,217	646,619	0.7	0.2	3.3	1,156	621,197	0.2	0.0	1.6
Pahang	1,181	953,995	0.6	0.1	1.4	1,190	972,454	1.0	0.4	2.8
Pulau Pinang	1,260	1,105,833	6.5	4.1	10.2	1,183	1,060,315	0.8	0.4	1.7
Perak	1,334	1,591,144	1.3	0.8	2.3	1,329	1,586,851	0.7	0.3	1.8
Perlis	1,265	157,305	0.5	0.2	1.3	1,133	144,551	0.4	0.1	1.1
Selangor	2,632	3,951,529	2.1	1.5	3.0	2,627	3,950,783	0.8	0.5	1.3
Terengganu	1,180	680,169	0.1	0.0	0.5	1,178	679,335	0.3	0.1	0.8
Sabah/Labuan	1,569	2,230,198	0.9	0.4	1.9	1,485	2,122,519	1.6	1.0	2.7
Sarawak	1,215	1,698,321	1.0	0.5	2.0	1,165	1,630,633	0.7	0.3	1.3
WP Kuala Lumpur	640	1,139,943	4.1	2.8	5.9	645	1,161,367	1.7	0.8	3.3
WP Putrajaya	484	48,374	0.0	-	-	484	48,374	0.0	-	-
Location										
Urban	11,002	14,620,718	2.1	1.7	2.5	10,790	14,434,537	0.9	0.7	1.1
Rural	8,190	4,630,390	0.8	0.6	1.2	7,782	4,433,738	1.5	1.1	2.0
Sex										
Male	9,097	9,870,251	1.6	1.3	2.0	8,846	9,753,223	0.8	0.6	1.1
Female	10,095	9,380,857	2.0	1.6	2.4	9,726	9,115,052	1.2	1.0	1.5
Age Group (Years)										
18-19	765	907,266	1.4	0.7	2.6	746	888,973	0.8	0.3	2.0
20-24	1,819	2,700,089	1.4	0.9	2.2	1,784	2,660,039	0.8	0.4	1.3
25-29	2,091	2,638,006	1.4	0.9	2.2	2,052	2,602,971	0.9	0.5	1.7
30-34	2,019	2,484,311	2.3	1.6	3.4	1,978	2,468,259	1.1	0.7	1.8
35-39	1,841	1,971,109	2.2	1.5	3.4	1,798	1,928,998	0.8	0.4	1.5
40-44	1,734	1,771,453	1.6	1.0	2.5	1,688	1,754,834	0.9	0.5	1.5
45-49	1,817	1,622,304	2.2	1.4	3.2	1,767	1,586,108	1.0	0.6	1.9
50-54	1,844	1,448,374	1.7	1.0	2.8	1,776	1,413,811	1.1	0.6	1.8
55-59	1,640	1,230,212	1.6	1.0	2.5	1,568	1,195,538	0.7	0.4	1.2
60-64	1,305	911,848	1.7	0.9	3.2	1,251	884,368	2.2	1.4	3.6
65-69	976	666,322	1.9	1.1	3.4	927	643,263	1.4	0.7	2.6
70-74	649	376,034	1.9	0.8	4.4	594	349,808	1.6	0.7	3.7
75+	692	523,779	2.7	1.5	5.0	643	491,304	1.4	0.6	3.2
Ethnicity[†]										
Malay	12,145	9,768,906	1.3	1.0	1.6	11,656	9,462,170	1.0	0.8	1.3
Chinese	3,008	4,490,752	3.7	2.9	4.7	2,990	4,486,943	0.6	0.4	1.1
Indian	1,348	1,305,717	1.4	0.8	2.6	1,322	1,295,921	1.5	0.8	2.6
Bumiputera Sabah	863	935,216	0.5	0.1	2.4	808	883,265	1.9	1.0	3.5
Bumiputera Sarawak	560	864,727	0.9	0.4	2.1	529	822,797	1.1	0.5	2.2
Orang Asli	65	37,144	0.0	-	-	62	36,294	1.1	0.1	9.3
Others	1,198	1,846,941	1.1	0.7	2.5	1,201	1,879,759	1.2	0.7	2.0
Citizenship										
Malaysian	18,213	17,663,149	1.8	1.5	2.1	17,579	17,255,837	1.0	0.8	1.2
Non Malaysian	979	1,587,959	1.9	1.1	3.3	993	1,612,438	1.6	0.9	2.7

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "spoor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "spoor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,192**	**19,251,108**	**1.8**	**1.5**	**2.1**	**18,572**	**18,868,275**	**1.0**	**0.8**	**1.2**
Marital status										
Never married	3,964	5,290,475	1.9	1.4	2.5	3,895	5,247,115	0.9	0.6	1.3
Married	13,380	12,633,866	1.8	1.5	2.2	12,953	12,376,869	1.0	0.8	1.2
Widow/Widower/Divorcee	1,848	1,326,768	1.4	0.8	2.3	1,724	1,244,291	1.8	1.1	2.8
Education level[1]										
No formal education	1,252	1,054,174	1.3	0.6	2.6	1,160	998,905	2.0	1.2	3.4
Primary	4,522	3,806,210	1.1	0.8	1.5	4,301	3,675,869	1.5	1.1	2.0
Secondary	8,925	9,029,312	1.8	1.4	2.2	8,655	8,850,039	0.8	0.6	1.1
Tertiary	4,289	5,098,247	2.4	1.9	3.1	4,257	5,083,540	0.7	0.4	1.1
Unclassified	186	245,686	2.1	0.8	5.3	184	243,491	2.5	1.0	6.1
Occupation[1]										
Government/ Semi-government employee	2,182	1,907,834	1.3	0.7	2.1	2,136	1,873,644	1.3	0.7	2.2
Private employee	5,742	7,435,507	2.0	1.6	2.5	5,698	7,459,819	0.5	0.4	0.8
Self-employed	3,722	3,278,305	1.6	1.1	2.3	3,557	3,166,411	1.3	0.9	1.9
Unpaid worker/homemaker	3,260	2,818,482	1.5	1.0	2.3	3,109	2,701,339	1.6	1.1	2.3
Retiree	772	600,904	3.2	1.6	6.2	738	582,329	0.5	0.2	1.7
Unemployed	2,981	2,502,162	1.6	1.1	2.3	2,813	2,385,051	1.0	0.7	1.6
Student	531	706,550	2.8	1.6	4.9	519	698,319	2.2	1.1	4.1
Household Income Group (RM)										
Less than RM1,000	3,093	2,595,070	1.6	1.0	2.4	2,885	2,451,707	1.6	1.1	2.4
RM1,000–RM1,999	3,510	3,167,760	1.2	0.8	1.9	3,344	3,051,237	1.3	0.9	1.9
RM2,000–RM2,999	3,284	3,151,798	1.3	0.9	2.0	3,152	3,046,519	0.8	0.5	1.4
RM3,000–RM3,999	2,441	2,500,795	2.4	1.6	3.5	2,380	2,455,342	0.7	0.4	1.3
RM4,000–RM4,999	1,743	1,926,271	2.3	1.6	3.3	1,714	1,912,712	0.8	0.4	1.5
RM5,000–RM5,999	1,354	1,520,550	2.1	1.2	3.5	1,344	1,512,248	1.3	0.7	2.4
RM6,000–RM6,999	907	985,962	1.0	0.5	2.2	898	992,054	1.0	0.5	2.0
RM7,000–RM7,999	734	779,131	1.5	0.8	2.8	729	784,116	0.7	0.3	1.9
RM8,000–RM8,999	564	649,779	2.4	1.3	4.3	558	644,002	1.1	0.5	2.4
RM9,000–RM9,999	302	346,501	3.2	1.4	7.0	299	345,082	0.8	0.1	5.5
RM10,000 and above	1,260	1,627,490	2.5	1.6	3.7	1,279	1,673,258	0.5	0.2	1.1
Household Income Quintiles										
Q1 (20% poorest)	2,655	2,216,455	1.7	1.1	2.6	2,472	2,091,514	1.6	1.0	2.5
Q2	3,605	3,283,363	1.2	0.7	1.8	3,429	3,156,180	1.2	0.8	1.8
Q3	4,177	4,013,438	1.5	1.0	2.2	4,019	3,897,774	1.0	0.6	1.5
Q4	3,978	4,257,024	2.5	1.9	3.3	3,899	4,200,626	0.7	0.5	1.2
Q5 (20% richest)	4,777	5,480,828	1.8	1.4	2.4	4,753	5,522,180	0.9	0.6	1.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,039	3,927,530	0.8	0.5	1.3	3,820	3,793,133	1.1	0.8	1.6
Q2	4,254	3,811,549	1.2	0.9	1.8	4,070	3,676,340	1.2	0.8	1.8
Q3	3,964	3,826,889	1.4	0.9	2.1	3,845	3,754,113	1.1	0.7	1.6
Q4	3,804	3,864,219	1.8	1.3	2.4	3,704	3,804,488	0.8	0.5	1.2
Q5 (20% richest)	3,131	3,821,218	3.7	2.9	4.8	3,123	3,840,484	0.9	0.5	1.4

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; U L= Upper Limit

Table 2.41: Clarity of doctor's explanation - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,248**	**19,302,678**	**1.7**	**1.4**	**2.0**	**18,630**	**18,923,139**	**1.0**	**0.8**	**1.2**
State										
Johor	1,708	2,229,200	2.1	1.5	3.0	1,687	2,232,317	0.8	0.5	1.4
Kedah	1,240	1,298,282	1.5	0.8	3.1	1,180	1,249,213	3.2	2.2	4.5
Kelantan	1,161	992,876	0.5	0.2	1.2	1,037	885,040	0.5	0.2	1.1
Melaka	1,129	553,220	0.8	0.4	1.9	1,118	550,552	0.2	0.0	1.2
Negeri Sembilan	1,217	646,658	0.5	0.2	1.6	1,158	621,919	0.4	0.1	1.4
Pahang	1,183	955,597	0.5	0.2	1.2	1,190	972,288	0.9	0.2	3.1
Pulau Pinang	1,264	1,105,481	5.7	3.6	9.0	1,184	1,056,877	0.9	0.4	2.1
Perak	1,342	1,595,866	2.0	1.2	3.3	1,339	1,594,369	0.2	0.1	0.7
Perlis	1,269	157,924	0.5	0.2	1.2	1,136	145,019	0.4	0.1	1.1
Selangor	2,637	3,960,338	1.8	1.2	2.8	2,637	3,966,519	1.0	0.6	1.5
Terengganu	1,181	680,648	0.1	0.0	0.6	1,178	679,335	0.1	0.0	0.4
Sabah/Labuan	1,576	2,237,411	0.9	0.5	1.5	1,488	2,126,640	1.5	0.9	2.7
Sarawak	1,216	1,699,895	0.5	0.2	1.6	1,167	1,630,975	0.7	0.3	1.5
WP Kuala Lumpur	641	1,140,907	3.9	2.4	6.4	647	1,163,702	1.2	0.5	2.5
WP Putrajaya	484	48,374	0.0	-	-	484	48,374	0.3	0.0	2.4
Location										
Urban	11,027	14,651,848	2.0	1.7	2.4	10,814	14,466,718	0.9	0.7	1.1
Rural	8,221	4,650,830	0.7	0.5	1.0	7,816	4,456,421	1.3	0.9	1.8
Sex										
Male	9,115	9,890,906	1.5	1.2	1.8	8,863	9,767,655	0.9	0.7	1.2
Female	10,133	9,411,772	1.9	1.5	2.4	9,767	9,155,483	1.1	0.8	1.4
Age Group (Years)										
18-19	769	913,047	1.3	0.6	2.7	752	896,776	0.8	0.3	2.0
20-24	1,827	2,708,233	1.1	0.7	1.8	1,793	2,667,713	0.9	0.5	1.6
25-29	2,094	2,641,967	1.7	1.1	2.7	2,054	2,605,569	0.8	0.4	1.5
30-34	2,021	2,483,495	2.3	1.5	3.6	1,980	2,470,884	1.0	0.6	1.9
35-39	1,846	1,973,849	2.3	1.4	3.5	1,803	1,929,131	0.9	0.5	1.7
40-44	1,737	1,774,668	1.3	0.8	2.3	1,691	1,758,108	0.7	0.4	1.3
45-49	1,822	1,632,724	2.2	1.5	3.2	1,768	1,594,446	0.9	0.5	1.7
50-54	1,846	1,450,773	1.6	1.0	2.7	1,782	1,421,685	0.9	0.5	1.6
55-59	1,642	1,231,238	1.5	0.9	2.4	1,570	1,195,202	0.8	0.4	1.5
60-64	1,312	916,384	1.0	0.5	1.9	1,258	889,183	2.1	1.3	3.4
65-69	981	669,050	1.3	0.6	2.6	934	646,984	1.2	0.7	2.3
70-74	653	379,392	1.7	0.7	4.2	599	352,452	1.2	0.5	2.8
75+	698	527,858	1.9	0.9	3.9	646	495,006	1.8	0.8	3.7
Ethnicity[1]										
Malay	12,174	9,784,914	1.1	0.8	1.4	11,691	9,486,687	0.9	0.7	1.2
Chinese	3,016	4,500,008	3.6	2.8	4.6	2,993	4,491,165	0.7	0.4	1.2
Indian	1,353	1,312,367	1.7	1.0	3.0	1,329	1,305,265	1.5	0.8	2.5
Bumiputera Sabah	864	936,402	0.9	0.4	1.9	807	882,342	1.6	0.7	3.3
Bumiputera Sarawak	561	865,427	0.3	0.1	1.1	531	824,151	0.7	0.3	1.8
Orang Asli	65	37,144	0.0	-	-	62	36,294	0.0	-	-
Others	1,210	1,864,710	1.5	0.8	2.7	1,213	1,896,110	1.5	0.9	2.5
Citizenship										
Malaysian	18,265	17,705,821	1.6	1.4	2.0	17,634	17,303,827	0.9	0.7	1.1
Non Malaysian	983	1,596,856	2.2	1.3	3.7	996	1,619,312	1.9	1.1	3.1

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"Spoor" %	95 % CI LL	UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"Spoor" %	95 % CI LL	UL
MALAYSIA	**19,248**	**19,302,678**	**1.7**	**1.4**	**2.0**	**18,630**	**18,923,139**	**1.0**	**0.8**	**1.2**
Marital status										
Never married	3,980	5,304,370	1.8	1.3	2.5	3,915	5,267,623	0.9	0.6	1.4
Married	13,411	12,667,612	1.7	1.4	2.1	12,985	12,406,210	0.9	0.7	1.2
Widow/Widower/Divorcee	1,857	1,330,696	0.9	0.5	1.7	1,730	1,249,306	1.7	1.0	2.8
Education level[1]										
No formal education	1,259	1,057,969	0.6	0.2	1.4	1,168	1,004,724	1.8	1.1	3.1
Primary	4,550	3,835,462	1.3	0.9	1.8	4,322	3,700,779	1.4	1.1	2.0
Secondary	8,944	9,041,279	1.6	1.3	2.1	8,680	8,865,375	0.8	0.6	1.1
Tertiary	4,293	5,108,908	2.4	1.8	3.1	4,263	5,096,512	0.8	0.5	1.2
Unclassified	184	241,631	0.2	0.0	1.5	182	239,317	1.1	0.3	4.0
Occupation[1]										
Government/ Semi-government employee	2,185	1,914,086	1.0	0.5	1.7	2,141	1,881,486	1.2	0.7	2.1
Private employee	5,758	7,454,191	1.9	1.5	2.4	5,713	7,474,070	0.7	0.5	1.0
Self-employed	3,731	3,285,182	1.3	0.9	1.9	3,568	3,181,107	1.0	0.7	1.6
Unpaid worker/homemaker	3,273	2,827,613	1.8	1.1	2.8	3,116	2,704,588	1.2	0.8	1.8
Retiree	774	602,040	2.7	1.4	5.2	742	583,178	0.9	0.4	2.0
Unemployed	2,995	2,512,996	1.4	0.9	2.1	2,829	2,399,030	1.1	0.7	1.7
Student	530	705,206	2.9	1.6	5.1	519	698,319	2.2	1.0	4.5
Household Income Group (RM)										
Less than RM1,000	3,107	2,610,344	1.4	0.9	2.2	2,901	2,464,019	1.7	1.1	2.5
RM1,000–RM1,999	3,527	3,180,033	1.2	0.8	1.9	3,356	3,056,568	1.2	0.8	1.8
RM2,000–RM2,999	3,295	3,161,642	1.1	0.7	1.6	3,161	3,053,973	0.6	0.4	1.1
RM3,000–RM3,999	2,441	2,497,520	2.1	1.4	3.2	2,382	2,460,187	1.1	0.7	1.9
RM4,000–RM4,999	1,744	1,929,339	2.3	1.4	3.5	1,716	1,917,842	0.6	0.3	1.3
RM5,000–RM5,999	1,359	1,527,368	2.1	1.3	3.6	1,340	1,519,521	0.7	0.3	1.6
RM6,000–RM6,999	909	987,372	1.3	0.6	2.4	901	994,932	0.6	0.3	1.5
RM7,000–RM7,999	738	782,644	1.6	0.8	2.9	734	790,309	0.4	0.2	1.3
RM8,000–RM8,999	565	651,874	1.8	0.9	3.8	559	646,097	1.5	0.7	3.3
RM9,000–RM9,999	302	346,501	2.0	0.6	6.6	299	345,082	0.8	0.1	5.5
RM10,000 and above	1,261	1,628,040	2.7	1.7	4.5	1,281	1,674,608	0.9	0.4	1.7
Household Income Quintiles										
Q1 (20% poorest)	2,669	2,229,605	1.5	0.9	2.4	2,486	2,101,507	1.7	1.1	2.6
Q2	3,619	3,295,479	1.1	0.7	1.8	3,441	3,162,456	1.2	0.8	1.8
Q3	4,190	4,023,103	1.4	1.0	2.1	4,031	3,907,208	0.9	0.6	1.4
Q4	3,980	4,259,278	2.1	1.5	3.0	3,902	4,209,997	0.7	0.5	1.2
Q5 (20% richest)	4,790	5,495,213	1.9	1.5	2.6	4,770	5,541,970	0.8	0.6	1.2
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,056	3,947,111	0.9	0.5	1.5	3,845	3,819,348	1.1	0.8	1.6
Q2	4,267	3,817,493	1.1	0.8	1.6	4,078	3,679,244	1.2	0.8	1.8
Q3	3,967	3,825,746	1.7	1.1	2.5	3,847	3,751,131	0.8	0.5	1.2
Q4	3,817	3,879,934	1.8	1.3	2.4	3,719	3,823,606	0.7	0.4	1.2
Q5 (20% richest)	3,141	3,832,690	3.1	2.3	4.1	3,141	3,850,090	1.0	0.7	1.6

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence interval; LL = Lower Limit; U L= Upper Limit

Table 2.42: Courtesy and helpfulness - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"Spoor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"Spoor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,313**	**19,383,874**	**2.2**	**1.9**	**2.5**	**18,716**	**19,019,661**	**1.1**	**0.9**	**1.3**
State										
Johor	1,711	2,236,864	3.0	2.1	4.2	1,691	2,239,670	0.8	0.4	1.4
Kedah	1,243	1,300,577	0.9	0.5	1.8	1,184	1,252,476	2.9	2.0	4.3
Kelantan	1,166	996,653	0.7	0.3	1.7	1,048	894,610	0.5	0.1	1.8
Melaka	1,137	563,263	0.9	0.4	2.2	1,129	560,921	0.1	0.0	0.4
Negeri Sembilan	1,220	848,066	0.1	0.0	0.3	1,161	622,604	0.3	0.1	1.3
Pahang	1,187	961,096	0.9	0.5	1.9	1,193	977,766	0.9	0.3	2.8
Pulau Pinang	1,273	1,116,513	5.3	3.3	8.5	1,195	1,069,227	1.1	0.5	2.5
Perak	1,346	1,600,777	0.9	0.5	1.7	1,343	1,599,280	0.6	0.3	1.6
Perlis	1,274	158,242	0.5	0.2	1.5	1,144	145,666	0.4	0.1	1.1
Selangor	2,646	3,975,832	3.3	2.5	4.4	2,644	3,982,149	1.0	0.6	1.6
Terengganu	1,182	680,848	0.4	0.2	1.1	1,178	679,335	0.1	0.0	0.4
Sabah/Labuan	1,580	2,245,636	1.7	1.0	2.7	1,498	2,139,945	1.3	0.7	2.2
Sarawak	1,220	1,705,904	2.0	1.2	3.3	1,174	1,639,003	0.7	0.3	1.5
WP Kuala Lumpur	644	1,145,229	3.4	2.0	5.8	650	1,168,634	3.0	1.4	6.5
WP Putrajaya	484	48,374	0.7	0.2	2.3	484	48,374	0.2	0.0	1.2
Location										
Urban	11,070	14,723,799	2.4	2.1	2.9	10,855	14,538,578	1.0	0.8	1.3
Rural	8,243	4,660,075	1.3	1.0	1.8	7,861	4,481,083	1.3	1.0	1.9
Sex										
Male	9,149	9,937,223	2.1	1.7	2.6	8,905	9,824,017	1.0	0.8	1.4
Female	10,164	9,446,651	2.2	1.8	2.7	9,811	9,195,643	1.1	0.9	1.5
Age Group (Years)										
18-19	771	913,876	2.3	1.4	3.8	755	899,265	0.9	0.4	2.1
20-24	1,838	2,723,021	2.0	1.3	3.0	1,808	2,689,906	0.8	0.5	1.4
25-29	2,099	2,652,982	2.4	1.7	3.4	2,060	2,618,057	1.1	0.7	1.9
30-34	2,032	2,506,575	3.1	2.2	4.4	1,989	2,484,930	1.2	0.6	2.4
35-39	1,850	1,982,029	2.1	1.4	3.1	1,811	1,944,504	1.0	0.6	2.0
40-44	1,744	1,782,675	1.7	1.1	2.6	1,699	1,765,956	0.9	0.5	1.6
45-49	1,826	1,633,906	2.4	1.7	3.5	1,775	1,599,974	1.0	0.5	1.8
50-54	1,850	1,455,190	2.2	1.3	3.5	1,785	1,421,290	1.0	0.6	1.7
55-59	1,644	1,232,972	0.9	0.5	1.6	1,578	1,201,036	0.7	0.4	1.4
60-64	1,314	916,100	1.8	1.0	3.1	1,260	890,368	1.9	1.1	3.1
65-69	985	672,593	1.4	0.7	2.9	937	649,507	1.6	0.9	2.8
70-74	655	379,917	1.3	0.5	3.3	603	354,240	1.1	0.5	2.4
75+	705	532,039	2.8	1.5	5.2	656	500,629	2.1	1.0	4.4
Ethnicity[1]										
Malay	12,199	9,804,894	1.8	1.4	2.2	11,727	9,514,225	1.0	0.8	1.4
Chinese	3,031	4,516,603	3.5	2.7	4.5	3,010	4,510,633	0.8	0.5	1.3
Indian	1,357	1,315,607	1.8	1.1	3.0	1,335	1,309,779	2.4	1.2	4.6
Bumiputera Sabah	866	939,055	1.6	0.9	3.0	813	889,900	1.4	0.7	2.8
Bumiputera Sarawak	561	865,427	2.4	1.3	4.5	535	827,790	0.8	0.2	2.4
Orang Asli	65	37,144	0.0	-	-	62	36,294	0.0	-	-
Others	1,229	1,903,439	1.6	1.0	2.7	1,230	1,929,914	1.2	0.7	2.2
Citizenship										
Malaysian	18,309	17,746,106	2.2	1.9	2.5	17,703	17,363,966	1.1	0.8	1.3
Non Malaysian	1,004	1,637,768	2.1	1.3	3.5	1,013	1,655,695	1.3	0.7	2.4

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"Spoor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"Spoor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,313**	**19,383,874**	**2.2**	**1.9**	**2.5**	**18,716**	**19,019,661**	**1.1**	**0.9**	**1.3**
Marital status										
Never married	4,008	5,344,054	2.5	1.9	3.3	3,945	5,307,777	1.0	0.7	1.4
Married	13,446	12,706,174	2.0	1.7	2.4	13,034	12,457,821	1.0	0.8	1.3
Widow/Widower/Divorcee	1,859	1,333,646	2.1	1.4	3.2	1,737	1,254,062	2.0	1.2	3.3
Education level[1]										
No formal education	1,267	1,066,419	1.7	1.0	2.8	1,183	1,016,331	2.2	1.3	3.6
Primary	4,573	3,864,972	1.8	1.3	2.4	4,351	3,731,443	1.3	1.0	1.8
Secondary	8,962	9,064,470	1.7	1.4	2.2	8,708	8,897,593	0.9	0.7	1.4
Tertiary	4,303	5,118,794	3.2	2.5	4.0	4,271	5,107,570	0.9	0.6	1.4
Unclassified	191	254,258	3.9	1.4	10.4	188	250,293	1.0	0.3	3.9
Occupation[1]										
Government/ Semi-government employee	2,187	1,915,721	1.4	0.9	2.2	2,143	1,881,715	1.1	0.6	2.0
Private employee	5,787	7,496,677	2.5	2.0	3.1	5,742	7,521,283	0.8	0.5	1.1
Self-employed	3,743	3,297,698	2.1	1.6	2.9	3,585	3,194,398	1.4	0.9	2.3
Unpaid worker/homemaker	3,279	2,840,119	2.0	1.4	2.7	3,132	2,720,250	1.3	0.9	2.0
Retiree	775	600,977	2.9	1.4	5.9	743	583,510	0.8	0.3	1.9
Unemployed	3,009	2,525,988	1.4	0.9	2.2	2,848	2,417,049	1.2	0.7	1.9
Student	531	705,332	3.6	2.1	6.1	521	700,094	2.2	1.1	4.6
Household Income Group (RM)										
Less than RM1,000	3,126	2,625,787	1.9	1.3	2.7	2,921	2,478,275	1.6	1.1	2.5
RM1,000–RM1,999	3,541	3,200,898	1.5	1.0	2.3	3,376	3,087,843	1.6	1.0	2.5
RM2,000–RM2,999	3,296	3,161,679	1.3	0.9	1.9	3,173	3,063,750	1.0	0.6	1.6
RM3,000–RM3,999	2,451	2,512,598	2.7	1.9	3.8	2,397	2,478,348	1.0	0.6	1.7
RM4,000–RM4,999	1,751	1,937,675	1.9	1.3	2.9	1,722	1,922,479	0.5	0.2	1.1
RM5,000–RM5,999	1,359	1,527,368	2.5	1.6	3.7	1,342	1,522,169	0.9	0.4	1.9
RM6,000–RM6,999	911	992,382	3.5	2.0	6.1	904	999,997	1.3	0.7	2.5
RM7,000–RM7,999	741	785,160	2.6	1.4	4.7	737	791,763	0.3	0.1	1.2
RM8,000–RM8,999	566	654,077	2.7	1.5	4.8	561	649,622	1.3	0.6	2.8
RM9,000–RM9,999	302	346,501	2.1	0.7	5.9	299	345,082	0.8	0.1	5.5
RM10,000 and above	1,269	1,639,749	3.4	2.4	4.8	1,284	1,680,333	0.7	0.3	1.5
Household Income Quintiles										
Q1 (20% poorest)	2,685	2,244,530	1.8	1.2	2.7	2,505	2,115,440	1.6	1.0	2.5
Q2	3,635	3,316,735	1.6	1.1	2.4	3,460	3,192,936	1.5	0.9	2.5
Q3	4,194	4,025,883	1.5	1.1	2.1	4,047	3,920,720	1.2	0.8	1.7
Q4	3,995	4,280,076	2.4	1.8	3.2	3,922	4,230,849	0.6	0.3	1.1
Q5 (20% richest)	4,804	5,516,651	2.9	2.3	3.6	4,782	5,559,717	0.9	0.6	1.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,081	3,977,351	1.2	0.8	1.8	3,879	3,852,006	1.0	0.7	1.4
Q2	4,277	3,827,565	1.3	0.9	1.8	4,098	3,697,064	1.6	1.0	2.4
Q3	3,979	3,846,929	1.7	1.2	2.4	3,862	3,774,150	1.0	0.6	1.5
Q4	3,825	3,888,788	2.6	2.0	3.5	3,727	3,832,304	1.0	0.6	1.5
Q5 (20% richest)	3,151	3,843,537	4.0	3.1	5.0	3,150	3,864,418	1.0	0.6	1.5

Notes:

1 [1]not including "missing/not applicable"

2 CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.43: Outcome of services/ treatment - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,277**	**19,335,134**	**1.5**	**1.2**	**1.8**	**18,660**	**18,948,972**	**1.1**	**0.9**	**1.4**
State										
Johor	1,706	2,227,759	1.8	1.2	2.8	1,688	2,233,712	0.8	0.4	1.4
Kedah	1,244	1,301,678	0.7	0.4	1.3	1,185	1,253,309	3.4	2.4	4.9
Kelantan	1,160	991,401	0.5	0.2	1.1	1,035	882,820	0.6	0.3	1.4
Melaka	1,136	562,302	0.6	0.2	1.6	1,124	559,022	0.0	0.0	0.1
Negeri Sembilan	1,219	647,408	0.6	0.1	3.7	1,162	623,080	0.2	0.0	1.6
Pahang	1,183	956,408	0.4	0.2	1.0	1,191	974,334	0.6	0.2	2.0
Pulau Pinang	1,265	1,109,604	4.5	2.6	7.4	1,187	1,063,408	1.0	0.4	2.5
Perak	1,342	1,591,899	0.8	0.4	1.8	1,339	1,589,326	0.6	0.3	1.5
Perlis	1,274	158,263	0.4	0.1	1.2	1,139	145,130	0.2	0.1	0.6
Selangor	2,642	3,968,396	1.7	1.1	2.6	2,638	3,967,686	0.9	0.6	1.3
Terengganu	1,181	680,618	0.1	0.0	0.6	1,177	678,480	0.3	0.1	1.0
Sabah/Labuan	1,579	2,244,536	0.7	0.3	1.6	1,495	2,135,894	1.5	0.9	2.6
Sarawak	1,220	1,705,666	1.4	0.5	4.0	1,168	1,630,172	1.2	0.6	2.6
WP Kuala Lumpur	642	1,140,820	3.8	2.3	6.1	648	1,164,225	2.4	1.0	5.6
WP Putrajaya	484	48,374	0.3	0.1	1.3	484	48,374	0.2	0.0	1.2
Location										
Urban	11,047	14,680,503	1.6	1.3	2.0	10,824	14,482,888	1.0	0.7	1.3
Rural	8,230	4,654,631	0.9	0.5	1.6	7,836	4,466,084	1.6	1.1	2.2
Sex										
Male	9,137	9,922,343	1.4	1.1	1.8	8,882	9,795,182	1.0	0.7	1.3
Female	10,140	9,412,791	1.5	1.2	1.9	9,778	9,153,790	1.3	1.0	1.7
Age Group (Years)										
18-19	767	911,968	1.5	0.8	2.9	753	898,770	2.0	1.0	3.8
20-24	1,832	2,715,085	1.1	0.6	1.9	1,796	2,672,872	0.8	0.5	1.4
25-29	2,095	2,644,817	1.6	0.8	3.0	2,055	2,607,276	0.9	0.5	1.7
30-34	2,026	2,495,060	1.8	1.2	2.7	1,983	2,471,562	1.3	0.7	2.5
35-39	1,848	1,980,250	1.4	0.8	2.4	1,807	1,937,343	0.6	0.3	1.1
40-44	1,740	1,777,991	1.4	0.8	2.2	1,694	1,760,402	0.8	0.5	1.5
45-49	1,824	1,631,471	1.8	1.1	2.8	1,774	1,599,555	0.9	0.5	1.7
50-54	1,849	1,453,671	1.4	0.8	2.3	1,782	1,421,513	1.5	0.9	2.4
55-59	1,645	1,233,285	1.7	1.1	2.8	1,571	1,197,511	0.8	0.5	1.5
60-64	1,314	915,038	1.0	0.5	1.9	1,261	887,913	2.3	1.4	3.6
65-69	980	669,449	0.9	0.4	2.1	934	646,930	1.5	0.8	2.7
70-74	655	379,917	0.9	0.3	2.6	600	352,921	1.6	0.7	3.7
75+	702	527,131	2.0	1.0	4.0	650	494,404	1.8	0.9	3.8
Ethnicity[1]										
Malay	12,184	9,793,751	0.9	0.7	1.2	11,704	9,497,418	1.0	0.8	1.3
Chinese	3,020	4,501,416	2.6	1.9	3.5	2,999	4,493,988	0.6	0.3	1.1
Indian	1,357	1,313,265	1.8	1.0	3.2	1,332	1,303,295	2.4	1.3	4.4
Bumiputera Sabah	866	939,055	0.6	0.2	1.6	810	885,148	1.8	0.9	3.5
Bumiputera Sarawak	561	865,427	0.6	0.2	2.0	529	820,241	1.8	0.6	4.7
Orang Asli	65	37,144	0.0	-	-	62	36,294	0.0	-	-
Others	1,219	1,883,371	1.9	0.9	4.2	1,220	1,911,464	1.2	0.7	2.2
Citizenship										
Malaysian	18,280	17,713,984	1.3	1.1	1.6	17,653	17,310,160	1.1	0.9	1.4
Non Malaysian	997	1,621,150	2.9	1.6	5.4	1,007	1,638,812	1.3	0.7	2.5

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,277**	**19,335,134**	**1.5**	**1.2**	**1.8**	**18,660**	**18,948,972**	**1.1**	**0.9**	**1.4**
Marital status										
Never married	3,990	5,321,995	1.6	1.1	2.4	3,923	5,275,838	1.0	0.7	1.5
Married	13,428	12,680,567	1.4	1.2	1.8	13,002	12,421,308	1.1	0.8	1.4
Widow/Widower/Divorcee	1,859	1,332,572	1.1	0.6	1.9	1,735	1,251,827	2.0	1.2	3.1
Education level[1]										
No formal education	1,266	1,067,089	1.0	0.5	2.1	1,177	1,009,822	2.2	1.4	3.6
Primary	4,563	3,846,463	1.0	0.7	1.4	4,339	3,714,321	1.5	1.1	2.0
Secondary	8,944	9,044,206	1.5	1.1	2.0	8,680	8,865,737	1.1	0.8	1.5
Tertiary	4,298	5,111,881	1.8	1.3	2.5	4,264	5,098,610	0.7	0.4	1.1
Unclassified	186	248,016	1.1	0.3	3.6	185	244,050	1.1	0.3	4.0
Occupation[1]										
Government/ Semi-government employee	2,183	1,911,120	0.6	0.3	1.2	2,140	1,878,694	1.3	0.8	2.3
Private employee	5,778	7,475,036	1.5	1.1	2.2	5,729	7,497,471	0.5	0.4	0.8
Self-employed	3,737	3,292,847	1.3	0.9	1.9	3,572	3,184,408	1.5	0.9	2.4
Unpaid worker/homemaker	3,273	2,831,490	1.6	1.1	2.3	3,121	2,706,814	1.4	1.0	2.1
Retiree	775	602,515	2.3	1.1	4.7	741	583,091	1.5	0.7	3.2
Unemployed	3,002	2,514,209	1.3	0.9	2.0	2,833	2,393,588	1.5	1.0	2.3
Student	531	706,560	2.4	1.2	4.7	522	703,544	2.2	1.0	4.6
Household Income Group (RM)										
Less than RM1,000	3,117	2,613,834	1.2	0.8	1.9	2,909	2,462,455	1.4	0.9	2.3
RM1,000–RM1,999	3,530	3,183,411	1.5	0.8	2.8	3,360	3,061,770	1.7	1.1	2.7
RM2,000–RM2,999	3,293	3,161,855	0.9	0.6	1.5	3,160	3,058,384	1.1	0.7	1.7
RM3,000–RM3,999	2,447	2,507,280	1.5	0.9	2.4	2,393	2,471,381	1.0	0.6	1.6
RM4,000–RM4,999	1,749	1,934,134	1.5	0.9	2.5	1,718	1,915,131	0.9	0.5	1.6
RM5,000–RM5,999	1,356	1,520,616	1.8	1.1	3.0	1,339	1,516,148	1.3	0.7	2.5
RM6,000–RM6,999	911	994,002	1.8	1.0	3.3	904	1,001,671	0.8	0.4	1.6
RM7,000–RM7,999	741	786,228	0.9	0.4	2.1	735	790,521	0.3	0.1	1.2
RM8,000–RM8,999	565	651,874	2.1	1.0	4.4	559	646,097	1.5	0.7	3.1
RM9,000–RM9,999	302	346,501	2.0	0.6	6.6	299	345,082	0.8	0.1	5.5
RM10,000 and above	1,266	1,635,397	2.0	1.0	3.7	1,284	1,680,333	0.4	0.2	1.0
Household Income Quintiles										
Q1 (20% poorest)	2,675	2,231,476	1.3	0.8	2.0	2,492	2,098,519	1.4	0.9	2.3
Q2	3,626	3,301,257	1.5	0.8	2.7	3,447	3,169,083	1.6	1.0	2.5
Q3	4,189	4,023,051	1.0	0.7	1.5	4,030	3,910,684	1.3	0.9	1.8
Q4	3,990	4,273,317	1.7	1.2	2.4	3,915	4,219,413	0.8	0.5	1.2
Q5 (20% richest)	4,797	5,506,033	1.7	1.2	2.3	4,776	5,551,273	0.9	0.6	1.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,070	3,961,362	0.9	0.4	1.8	3,853	3,820,178	1.2	0.8	1.6
Q2	4,267	3,818,695	1.0	0.6	1.5	4,080	3,680,379	1.5	1.0	2.4
Q3	3,973	3,837,471	1.1	0.6	2.1	3,861	3,767,260	1.0	0.6	1.4
Q4	3,820	3,879,276	1.4	1.0	2.0	3,721	3,821,287	1.0	0.6	1.5
Q5 (20% richest)	3,147	3,838,627	2.9	2.2	3.8	3,145	3,860,153	1.0	0.7	1.6

Notes:

1 [1] not including "missing/not applicable"

2 CI = Confidence interval; LL = Lower Limit; UL = Upper Limit

Table 2.44: Treatment charges - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,294**	**19,345,133**	**1.2**	**1.0**	**1.5**	**18,727**	**19,003,428**	**25.9**	**24.6**	**27.3**
State										
Johor	1,705	2,225,607	1.3	0.8	2.1	1,690	2,234,097	21.1	17.7	25.1
Kedah	1,243	1,300,577	1.0	0.4	2.7	1,186	1,253,947	21.3	16.1	27.6
Kelantan	1,163	994,143	0.2	0.1	0.6	1,046	892,128	20.0	16.8	23.6
Melaka	1,133	555,742	0.4	0.1	1.4	1,119	552,865	3.3	2.0	5.5
Negeri Sembilan	1,221	648,605	0.1	0.0	0.3	1,162	623,241	19.0	16.0	22.4
Pahang	1,182	954,951	0.9	0.4	2.0	1,189	972,292	23.2	19.1	27.9
Pulau Pinang	1,270	1,111,481	2.2	1.2	4.0	1,212	1,074,722	55.1	48.4	61.7
Perak	1,344	1,596,390	1.7	0.7	4.4	1,342	1,595,684	32.7	27.0	38.9
Perlis	1,274	158,367	0.1	0.0	0.6	1,144	145,775	20.4	15.7	26.0
Selangor	2,647	3,974,005	1.2	0.7	1.9	2,641	3,973,394	25.4	22.8	28.3
Terengganu	1,181	680,782	0.7	0.3	1.6	1,180	679,681	26.1	19.8	33.6
Sabah/Labuan	1,583	2,250,811	1.2	0.6	2.7	1,508	2,158,150	17.8	15.3	20.6
Sarawak	1,220	1,694,770	1.0	0.5	2.2	1,174	1,631,477	39.2	32.3	46.5
WP Kuala Lumpur	644	1,150,527	2.4	1.2	4.8	650	1,167,601	24.2	19.9	29.2
WP Putrajaya	484	48,374	0.0	-	-	484	48,374	16.3	13.1	20.0
Location										
Urban	11,062	14,698,571	1.3	1.0	1.7	10,852	14,520,825	25.6	24.1	27.3
Rural	8,232	4,646,562	0.8	0.5	1.3	7,875	4,482,604	26.8	24.4	29.4
Sex										
Male	9,134	9,903,755	1.3	0.9	1.7	8,903	9,803,227	26.1	24.5	27.9
Female	10,160	9,441,378	1.1	0.9	1.5	9,824	9,200,202	25.7	24.2	27.3
Age Group (Years)										
18-19	771	914,714	1.0	0.4	2.3	757	906,953	28.6	24.3	33.2
20-24	1,835	2,723,821	1.1	0.7	1.8	1,802	2,684,301	23.2	20.6	26.1
25-29	2,094	2,627,860	1.2	0.7	2.1	2,059	2,598,404	23.0	20.7	25.6
30-34	2,024	2,495,547	1.9	1.1	3.2	1,985	2,476,344	25.9	23.3	28.7
35-39	1,850	1,982,495	1.1	0.6	2.0	1,807	1,945,359	24.8	22.2	27.7
40-44	1,744	1,781,888	1.0	0.6	1.9	1,704	1,767,539	27.8	25.0	30.8
45-49	1,827	1,637,622	1.2	0.7	2.1	1,778	1,604,718	26.6	23.9	29.4
50-54	1,852	1,455,083	0.7	0.4	1.4	1,793	1,424,253	27.8	24.9	30.8
55-59	1,644	1,228,483	0.9	0.4	2.1	1,583	1,199,087	28.3	25.3	31.6
60-64	1,313	917,159	1.4	0.5	3.8	1,263	894,579	29.1	25.4	33.0
65-69	980	668,802	0.5	0.2	1.5	937	648,780	27.0	22.7	31.8
70-74	654	379,857	0.9	0.2	3.6	602	353,238	24.7	19.6	30.8
75+	706	531,801	2.0	1.0	3.8	657	499,874	29.0	24.5	33.9
Ethnicity[1]										
Malay	12,191	9,798,524	0.9	0.6	1.3	11,743	9,522,697	24.9	23.2	26.6
Chinese	3,029	4,511,453	1.2	0.8	1.9	3,012	4,512,070	28.2	25.3	31.3
Indian	1,358	1,320,480	1.7	0.8	3.7	1,332	1,305,878	30.2	26.2	34.6
Bumiputera Sabah	867	940,055	0.5	0.1	1.8	815	890,552	19.1	16.1	22.5
Bumiputera Sarawak	561	865,427	0.6	0.2	2.1	537	832,367	43.0	32.2	54.4
Orang Asli	65	37,144	0.8	0.1	7.3	62	36,294	45.2	38.6	52.0
Others	1,218	1,870,345	2.8	1.8	4.3	1,222	1,902,446	18.1	14.7	22.1
Citizenship										
Malaysian	18,299	17,739,265	1.0	0.8	1.3	17,718	17,372,680	26.6	25.2	28.0
Non Malaysian	995	1,605,868	3.3	2.1	5.0	1,009	1,630,749	19.2	15.4	23.5

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting "poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,294**	**19,345,133**	**1.2**	**1.0**	**1.5**	**18,727**	**19,003,428**	**25.9**	**24.6**	**27.3**
Marital status										
Never married	3,996	5,316,642	0.9	0.6	1.5	3,933	5,276,603	25.4	23.3	27.5
Married	13,438	12,694,255	1.3	1.1	1.7	13,052	12,471,536	26.0	24.5	27.4
Widow/Widower/Divorcee	1,860	1,334,236	0.8	0.4	1.6	1,742	1,255,289	28.0	24.9	31.4
Education level[1]										
No formal education	1,267	1,067,780	0.7	0.3	1.8	1,183	1,018,051	28.4	24.4	32.7
Primary	4,561	3,846,808	1.3	0.9	1.8	4,369	3,733,229	26.0	23.8	28.3
Secondary	8,959	9,044,288	1.2	0.9	1.7	8,713	8,893,223	26.1	24.5	27.8
Tertiary	4,300	5,120,097	1.2	0.8	1.7	4,263	5,100,673	25.0	22.9	27.2
Unclassified	189	248,681	0.9	0.2	3.4	184	241,821	28.1	19.3	39.0
Occupation[1]										
Government/ Semi-government employee	2,185	1,912,520	0.6	0.2	1.3	2,142	1,881,227	25.4	22.6	28.4
Private employee	5,776	7,471,101	1.1	0.8	1.6	5,736	7,493,670	25.5	23.6	27.4
Self-employed	3,745	3,297,691	1.7	1.0	2.8	3,590	3,198,392	26.6	24.2	29.1
Unpaid worker/homemaker	3,276	2,834,784	0.9	0.5	1.6	3,146	2,728,302	26.7	24.3	29.2
Retiree	774	601,300	1.6	0.7	3.3	742	581,000	28.3	24.0	33.1
Unemployed	3,005	2,519,799	1.0	0.6	1.6	2,848	2,416,030	26.0	23.5	28.7
Student	531	706,576	2.3	1.1	5.0	521	703,444	24.1	19.9	28.9
Household Income Group (RM)										
Less than RM1,000	3,121	2,628,422	2.0	1.3	3.1	2,927	2,487,424	29.0	26.5	31.6
RM1,000–RM1,999	3,536	3,183,678	1.0	0.6	1.9	3,387	3,081,653	27.1	24.7	29.7
RM2,000–RM2,999	3,292	3,159,574	0.9	0.5	1.8	3,171	3,062,874	26.3	23.9	28.8
RM3,000–RM3,999	2,451	2,507,617	1.3	0.8	2.0	2,400	2,476,272	25.7	23.2	28.4
RM4,000–RM4,999	1,753	1,938,593	1.1	0.6	2.0	1,726	1,922,461	25.0	21.9	28.3
RM5,000–RM5,999	1,358	1,524,801	0.6	0.2	1.3	1,340	1,519,547	24.8	21.4	28.6
RM6,000–RM6,999	910	988,199	0.7	0.3	1.9	904	998,750	19.8	16.1	24.0
RM7,000–RM7,999	741	784,078	1.1	0.4	2.6	736	789,374	30.5	25.9	35.6
RM8,000–RM8,999	567	653,681	1.0	0.4	2.6	561	649,464	26.2	21.1	32.0
RM9,000–RM9,999	302	346,501	1.7	0.5	5.0	298	344,682	27.9	21.6	35.3
RM10,000 and above	1,263	1,629,989	1.6	0.9	2.8	1,277	1,670,926	22.0	18.3	26.3
Household Income Quintiles										
Q1 (20% poorest)	2,680	2,247,165	1.8	1.2	2.9	2,512	2,123,991	29.3	26.6	32.2
Q2	3,630	3,299,515	1.2	0.7	2.1	3,471	3,187,555	27.4	25.1	29.9
Q3	4,191	4,025,228	0.9	0.5	1.6	4,045	3,920,499	25.1	23.0	27.4
Q4	3,996	4,274,562	1.1	0.8	1.7	3,928	4,227,791	26.1	24.0	28.4
Q5 (20% richest)	4,797	5,498,663	1.1	0.8	1.7	4,771	5,543,592	24.2	22.2	26.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,068	3,948,027	1.7	1.1	2.7	3,873	3,827,681	25.2	22.7	28.0
Q2	4,271	3,821,954	0.9	0.5	1.6	4,112	3,710,745	25.9	23.5	28.5
Q3	3,979	3,843,755	0.8	0.5	1.2	3,867	3,766,824	25.1	22.9	27.5
Q4	3,828	3,888,575	1.1	0.7	1.8	3,734	3,837,614	26.5	24.3	28.9
Q5 (20% richest)	3,148	3,843,117	1.5	1.0	2.3	3,141	3,860,840	26.8	24.3	29.5

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL = Upper Limit

Table 2.45: Overall impression - Percentage (%) of reporting "≤poor", by SES

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"≤poor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,329**	**19,404,074**	**1.1**	**0.9**	**1.4**	**18,769**	**19,072,942**	**2.6**	**2.2**	**3.1**
State										
Johor	1,709	2,229,976	1.3	0.8	2.0	1,694	2,239,013	2.0	1.3	2.8
Kedah	1,243	1,300,577	0.5	0.3	1.0	1,187	1,254,738	7.2	4.6	11.0
Kelantan	1,164	995,739	0.0	-	-	1,043	890,182	5.4	3.3	8.7
Melaka	1,137	562,411	0.7	0.3	1.7	1,120	559,343	0.4	0.1	2.5
Negeri Sembilan	1,221	648,386	0.1	0.0	0.5	1,164	623,421	0.5	0.2	1.3
Pahang	1,185	960,471	0.4	0.2	1.0	1,197	981,421	1.3	0.5	3.3
Pulau Pinang	1,281	1,126,482	3.4	2.0	5.6	1,219	1,082,019	4.7	2.3	9.4
Perak	1,346	1,598,920	0.6	0.3	1.3	1,343	1,597,414	1.8	1.0	3.0
Perlis	1,276	158,363	0.3	0.1	1.0	1,141	145,402	4.3	2.3	7.9
Selangor	2,652	3,984,894	1.4	0.9	2.2	2,649	3,986,760	1.6	1.1	2.2
Terengganu	1,185	681,977	0.0	-	-	1,182	681,014	0.7	0.3	1.5
Sabah/Labuan	1,580	2,249,037	0.9	0.5	1.8	1,512	2,163,506	2.5	1.7	3.5
Sarawak	1,222	1,706,529	0.7	0.3	1.4	1,184	1,652,734	4.2	2.5	7.1
WP Kuala Lumpur	645	1,151,937	3.3	2.0	5.4	650	1,167,601	2.2	1.3	3.6
WP Putrajaya	484	48,374	0.1	0.0	1.0	484	48,374	0.7	0.2	2.0
Location										
Urban	11,083	14,741,262	1.3	1.0	1.6	10,877	14,564,485	2.4	1.9	2.9
Rural	8,246	4,662,813	0.6	0.4	1.0	7,892	4,508,457	3.4	2.7	4.3
Sex										
Male	9,151	9,948,637	1.1	0.8	1.4	8,921	9,850,744	2.3	1.9	2.9
Female	10,178	9,455,438	1.2	0.9	1.6	9,848	9,222,198	2.9	2.5	3.5
Age Group (Years)										
18-19	771	914,101	0.7	0.3	1.7	756	904,071	3.5	1.9	6.3
20-24	1,841	2,733,787	0.9	0.5	1.7	1,806	2,695,385	2.3	1.6	3.3
25-29	2,098	2,649,182	1.1	0.6	1.9	2,065	2,620,011	2.2	1.5	3.2
30-34	2,029	2,502,921	2.0	1.3	3.0	1,991	2,482,672	2.4	1.7	3.5
35-39	1,852	1,983,384	1.0	0.5	1.9	1,815	1,951,052	2.8	1.9	4.1
40-44	1,748	1,787,055	1.4	0.9	2.2	1,706	1,770,751	2.0	1.3	3.0
45-49	1,829	1,639,489	1.6	0.9	2.6	1,782	1,610,059	2.3	1.6	3.4
50-54	1,856	1,459,473	0.8	0.4	1.7	1,792	1,426,912	3.2	2.3	4.4
55-59	1,647	1,234,994	0.8	0.4	1.7	1,589	1,209,787	3.0	2.1	4.2
60-64	1,315	917,709	0.6	0.3	1.4	1,265	894,478	4.3	3.0	6.0
65-69	982	670,248	0.3	0.1	1.2	939	651,202	3.3	2.1	5.4
70-74	655	379,917	0.6	0.1	4.2	604	354,561	2.0	1.1	3.7
75+	706	531,814	1.6	0.8	3.5	659	501,999	3.0	1.8	5.0
Ethnicity'										
Malay	12,204	9,807,840	0.8	0.6	1.1	11,759	9,545,349	2.8	2.3	3.6
Chinese	3,038	4,524,662	1.9	1.4	2.7	3,018	4,515,291	1.5	1.0	2.1
Indian	1,361	1,325,413	1.1	0.5	2.3	1,337	1,311,520	4.1	3.0	5.6
Bumiputera Sabah	865	938,582	0.7	0.3	1.8	818	894,864	3.5	2.2	5.6
Bumiputera Sarawak	561	865,427	0.6	0.2	1.7	538	833,847	5.2	3.1	8.5
Orang Asli	65	37,144	0.0	-	-	62	36,294	0.0	-	-
Others	1,230	1,903,301	1.4	0.8	2.6	1,233	1,934,652	1.9	1.2	3.0
Citizenship										
Malaysian	18,323	17,765,944	1.1	0.9	1.3	17,748	17,409,938	2.7	2.2	3.2
Non Malaysian	1,006	1,638,130	2.0	1.1	3.5	1,021	1,663,004	2.2	1.4	3.6

Sociodemographic Characteristics	Government					Private				
	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	95 % CI UL	Count,n (unweighted)	Estimated population,N (weighted)	reporting"spoor" %	95 % CI LL	95 % CI UL
MALAYSIA	**19,329**	**19,404,074**	**1.1**	**0.9**	**1.4**	**18,769**	**19,072,942**	**2.6**	**2.2**	**3.1**
Marital status										
Never married	4,005	5,345,855	1.0	0.7	1.5	3,942	5,307,063	2.3	1.7	3.2
Married	13,458	12,721,169	1.2	1.0	1.6	13,078	12,507,674	2.6	2.2	3.1
Widow/Widower/Divorcee	1,866	1,337,050	0.5	0.2	1.2	1,749	1,258,204	3.9	2.9	5.4
Education level[1]										
No formal education	1,268	1,070,301	0.2	0.1	0.7	1,185	1,018,441	3.8	2.5	5.5
Primary	4,577	3,867,498	1.1	0.7	1.6	4,388	3,763,698	3.1	2.5	3.8
Secondary	8,966	9,065,850	1.0	0.7	1.3	8,722	8,920,429	2.8	2.3	3.6
Tertiary	4,309	5,132,462	1.7	1.2	2.4	4,272	5,108,768	1.8	1.3	2.4
Unclassified	191	250,484	0.7	0.1	3.0	187	245,174	1.2	0.4	3.9
Occupation[1]										
Government/ Semi-government employee	2,187	1,915,721	0.4	0.2	0.9	2,146	1,883,199	2.9	2.1	4.1
Private employee	5,792	7,507,711	1.3	1.0	1.8	5,749	7,530,080	1.7	1.3	2.2
Self-employed	3,745	3,299,300	1.1	0.7	1.7	3,593	3,206,596	3.0	2.2	4.1
Unpaid worker/homemaker	3,280	2,837,643	1.0	0.6	1.7	3,154	2,740,331	3.3	2.6	4.4
Retiree	775	602,515	1.4	0.5	4.0	745	584,779	3.1	1.8	5.3
Unemployed	3,014	2,529,123	0.7	0.4	1.3	2,857	2,421,916	3.4	2.5	4.6
Student	534	710,698	2.7	1.1	5.3	523	704,678	3.9	2.1	7.0
Household Income Group (RM)										
Less than RM1,000	3,128	2,630,602	1.4	0.9	2.3	2,935	2,491,908	3.7	2.8	4.9
RM1,000–RM1,999	3,540	3,196,333	0.7	0.4	1.3	3,391	3,098,197	3.5	2.6	4.5
RM2,000–RM2,999	3,296	3,164,799	0.9	0.5	1.6	3,181	3,076,062	3.0	2.1	4.2
RM3,000–RM3,999	2,454	2,515,865	1.3	0.8	2.1	2,403	2,486,120	2.8	1.9	3.9
RM4,000–RM4,999	1,756	1,942,872	0.9	0.5	1.5	1,729	1,927,063	2.4	1.6	3.7
RM5,000–RM5,999	1,361	1,529,753	1.8	1.0	3.2	1,342	1,522,577	1.8	1.1	3.0
RM6,000–RM6,999	914	995,285	1.8	0.9	3.6	909	1,005,470	1.5	0.8	2.7
RM7,000–RM7,999	742	786,778	0.7	0.3	1.5	736	791,624	2.2	1.2	3.9
RM8,000–RM8,999	567	656,114	1.5	0.7	3.0	560	649,197	2.0	1.2	3.6
RM9,000–RM9,999	302	346,501	0.0	-	-	300	345,151	1.3	0.4	5.0
RM10,000 and above	1,269	1,639,172	1.2	0.7	2.2	1,283	1,679,570	1.0	0.5	1.8
Household Income Quintiles										
Q1 (20% poorest)	2,687	2,249,344	1.5	0.9	2.5	2,519	2,127,159	3.7	2.8	5.0
Q2	3,634	3,312,170	0.7	0.4	1.2	3,474	3,202,948	3.4	2.5	4.4
Q3	4,195	4,031,594	1.2	0.7	1.8	4,057	3,936,281	3.0	2.3	4.0
Q4	4,002	4,285,948	1.3	0.9	2.0	3,934	4,242,682	2.5	1.9	3.3
Q5 (20% richest)	4,811	5,575,017	1.1	0.8	1.6	4,785	5,563,871	1.6	1.2	2.1
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	4,080	3,968,797	0.8	0.5	1.5	3,893	3,860,529	2.9	2.3	3.7
Q2	4,277	3,827,297	0.6	0.3	0.9	4,119	3,722,044	3.8	2.9	4.9
Q3	3,982	3,854,498	0.8	0.5	1.3	3,869	3,776,191	3.0	2.2	4.0
Q4	3,833	3,899,419	1.0	0.7	1.5	3,733	3,840,489	1.9	1.4	2.6
Q5 (20% richest)	3,157	3,854,360	2.4	1.8	3.3	3,155	3,873,970	1.6	1.2	2.2

Notes:

1. [1]not including "missing/not applicable"
2. CI = Confidence Interval; LL = Lower Limit; UL= Upper Limit

2.9 VARIABLE DEFINITION

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
Declare survey design for dataset	• ebid • state_st2	weight_final	ebid = enumeration block id (Secondary Sampling Unit, SSU) state_st2 = strata (Primary Sampling Unit, PSU)	svyset ebid [pw=weight_final],strata(state_st2)
Choice of preferred provider under specific health conditions	• ac101 • ac102 • ac103 • ac105 • ac106	weight_final	Choice of preferred provider under specific health conditions 1 "government" 2 "private" 3 "alternative health facility" 4 "will not got to any facility"	foreach var of varlist ac10* {svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) }
Choice of provider for <each health condition> by SES	ac101 • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile ac102 - ac106	weight_final	If you have minor illness, where would you go? 1 "government" 2 "private" 3 "alternative health facility" 4 "will not got to any facility"	foreach var of varlist state strata sex agegroup ethnic7citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile { svy: tab `var' **ac101**, obs count format(%12.2gc) svy: tab `var' **ac101**, ci format(%10.3f)row } --- end of syntax --- Repeat for ac102, ac103, ac104, ac105& ac106 • ac102 - If you have major illness, where would you go? • ac103 - If you have minor surgery, where would you go? • ac104 - If you have major surgery, where would you go? • ac105 - If you need dental treatment, where would you go? • ac106 - For birth delivery, where would you go?
Overall perceived payment per visit for government and private healthcare for certain health conditions/situations	• ac111a, ac111b • ac112a, ac112b • ac113a, ac113b • ac114a, ac114b • ac115a, ac115b • ac116a, ac116b *represents gov (a) and private (b)	weight_final	How much do you think you have to pay per visit (for public and private Healthcare facilities) for certain health conditions /situations	foreach var of varlist ac11*{ tabstat `var' [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) svy:mean `var'}
Perceived payment per visit, government and private providers for <each health condition>, by SES	ac111a, ac111b • state • strata • sex	weight_final	How much do you think you have to pay per visit (for public and private Healthcare facilities) if have minor illness	foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
	• agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile ac112, ac113, ac114, ac115 & ac116			(tabstat **ac111*** [aw=weight_final],by(`var') stat(count sum mean sd median p25 p75) format(%12.4g) svy:mean ac111*, over(var')) --- end of syntax --- Repeat for ac11**2***, ac11**3***, ac11**4***, ac11**5***& ac11**6*** • ac112 - If you have major illness • ac113 - If you have minor surgery • ac114 - If you have major surgery • ac115 - If you need dental treatment • ac116 - For birth delivery
How would you rate the government and private CLINIC (out-patient) on the following aspect ...	• r_ac201a r_ac201b • ... (until) ... • r_ac214a r_ac214b	weight_final	Rate on government and private clinic 1 very poor & poor 2 fair 3 good & excellent	foreach var of varlist r_ac201a – r_ac214b (svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f))
How would you rate the government and private CLINIC (out-patient) on the following aspect, by SES Convenience of clinic location	r_ac201a, r_ac201b • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile r_ac202a, r_ac202b r_ac203a, r_ac203b ... (until) ... r_ac214a, r_ac214b	weight_final	Rate on government and private clinic 1 very poor & poor 2 fair 3 good & excellent	foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile (svy: tab `var' **r_ac201*** obs count format(%12.2gc) svy: tab `var' **r_ac201***, ci format(%10.3f)row) --- end of syntax --- Repeat for r_ac20**2***, r_ac20**3***, r_ac20**4***, r_ac20**5***, r_ac20**6*** r_ac20**7***, r_ac20**8***, r_ac20**9***, r_ac2**10***, r_ac2**11***, r_ac2**12***, r_ac2**13***, &r_ac2**14*** • ac201 - Convenience of clinic location • ac202 - Convenience of operating hours • ac203 - Comfort of clinic • ac204 - Availability of laboratory tests • ac205 - Availability of specialist • ac206 - Allowed to choose the doctor • ac207 - Waiting time to see doctor • ac208 - Amount of time the doctor spent with patient • ac209 - Ability of doctor to give correct diagnosis and treatment • ac210 - Clarity of doctor's explanation

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
				• ac211 - Courtesy and helpfulness • ac212 - Outcome of services/ treatment • ac213 - Treatment charges • ac214 - Overall impression
How would you rate the government and private HOSPITAL (in-patient) on the following aspect ...	• r_ac215a r_ac215b • r_ac216a r_ac216b • ... (until) ... • r_ac228a r_ac228b	weight_final	Rate on government and private clinic 1 very poor & poor 2 fair 3 good & excellent	foreach var of varlist r_ac215a – r_ac228b { svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f)}
How would you rate the government and private HOSPITAL (in-patient) on the following aspect, by SES Convenience of hospital location	r_ac215a, r_ac215b • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile r_ac216a, r_ac216b r_ac217a, r_ac217b ... (until) ... r_ac228a, r_ac228b	weight_final	Rate on government and private hospital 1 very poor & poor 2 fair 3 good & excellent	foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile { svy: tab `var' **r_ac215*** obs count format(%12.2gc) svy: tab `var' **r_ac215***, ci format(%10.3f)row} --- end of syntax --- Repeat for r_ac**216***, r_ac**217***, r_ac**218***, r_ac**219***, r_ac**220***, r_ac**221***, r_ac**222***, r_ac**223***, r_ac**224***, r_ac**225***, r_ac**226***, r_ac**227***, &r_ac**228*** • ac215 - Convenience of hospital location • ac216 - Ability to ask for private room/ share with less people • ac217 - Comfort of hospital • ac218 - Availability of investigations/ medical equipment • ac219 - Availability of specialist • ac220 - Allowed to choose the doctor • ac221 - Waiting time to see doctor • ac222 - Amount of time the doctor spent with patient • ac223 - Ability of doctor to give correct diagnosis and treatment • ac224 - Clarity of doctor's explanation • ac225 - Courtesy and helpfulness • ac226 - Outcome of services/ treatment • ac227 - Treatment charges • ac228 - Overall impression

Topic III

UTILISATION OF HEALTHCARE SERVICES

3. UTILISATION OF HEALTHCARE SERVICES

3.1 UTILISATION OF OUT-PATIENT HEALTHCARE AMONG TOTAL POPULATION

3.1.1 Findings

3.1.1.1 Prevalence of utilisation of out-patient healthcare

A total of 29,435 (99.9%) responded to this section (**Table 3.1**).

In the two weeks prior to the interview, (**Table 3.2**) 9.0% (95% CI, 8.4 – 9.6) of respondents had out-patient care. Sarawak (11.8%; 95% CI, 9.1 – 15.2), Sabah & Wilayah Persekutuan Labuan (11.2%; 95% CI, 9.3 – 13.4), Kelantan (10.4%; 95% CI, 8.3 – 13.0), Selangor (9.7; 95% CI 8.3 – 11.3), and Perlis (9.7%; 95% CI, 7.7 – 12.1) had significantly higher utilisation than Pulau Pinang (8.5; 95% CI, 6.2 – 11.5), Negeri Sembilan (7.9; 95% CI, 6.2 – 10.1), Wilayah Persekutuan Putrajaya (7.3%; 95% CI, 5.4 – 9.8), Perak (7.2%; 95% CI, 5.7 – 9.0), Wilayah Persekutuan Kuala Lumpur (7.0%; 95% CI, 5.0 – 9.6), and Johor (6.1%; 95% CI, 5.0 - 7.5).

By age groups, namely the 70 - 74 years (18.8%; 95% CI, 14.7 – 23.7) and 0 - 4 years (18.1%; 95% CI, 16.0 – 20.4) had significantly higher utilisation than the other groups. The age group 15 – 19 years (5.7%; 95% CI, 4.6 - 7.2) had the lowest utilisation.

By ethnic groups, Bumiputera Sarawak had the highest utilisation of out-patient care (14.8%; 95% CI, 10.7 – 20.2), followed by Bumiputera Sabah (14.5%; 95% CI, 12.0 – 17.3) and Indian (10.9%; 95% CI, 8.9 – 13.2), while the others (5.7%; 95% CI, 4.6 – 7.0) had the lowest. Compared to other occupational groups, the student (5.2%; 95% CI, 4.1 – 6.5) had significantly less utilisation. Those who were never married (5.8%; 95% CI, 5.0 – 6.6) utilised significantly less out-patient care than the other marital status groups. By education level groups, the no formal education (13.8%; 95% CI, 11.8 – 16.1) had the highest utilisation of out-patient care.

There was no significant difference in prevalence of utilisation between urban and rural areas, sexes and income level groups.

3.1.1.1 Total number of out-patient healthcare facilities visited

Among those who had out-patient care in last 2 weeks, 95.7% (95% CI, 94.5-96.7) had visited only facility, while only 3.8% (95% CI, 2.9-4.9) visited two facilities (**Table 3.3**).

3.1.1.2 Utilisation of out-patient healthcare by sector

Among those who had out-patient care within 2 weeks prior to the interview (**Table 3.4**), significantly more had visited government (60.1%; 95% CI, 55.3 – 64.6) than private facilities (39.9%; 95% CI, 35.4 – 44.7).

Highest utilisation of government out-patient care were in Kelantan (84.0%; 95% CI, 73.7 – 90.8), while the lowest was in Selangor (40.1%; 95% CI, 31.4 – 49.6). Rural location (73.6%; 95% CI, 66.7 – 79.6) utilised significantly more than urban areas (54.6%; 95% CI, 48.9 – 60.2).

Highest utilisation of private out-patient care was in Selangor (59.9%; 95% CI, 50.4 – 68.6), followed by Wilayah Persekutuan Kuala Lumpur (57.5%; 95% CI, 38.5 – 74.6) and Negeri Sembilan (50.8%; 95% CI, 39.7 – 61.9). The least was in Kelantan (16.0%; 95% CI, 9.2 – 26.3). Both respondent from urban (45.4%; 95% CI, 39.8 – 51.1) and rural areas (26.4 %; 95% CI, 20.4 – 33.3) utilised more government out-patient care for health problem faced in the last 2 weeks.

In terms of ethnicity, highest utilisation of government outpatient care was by Bumiputera Sabah (79.9%; 95% CI, 69.8 – 87.2), followed by Orang Asli (77.3%; 95% CI, 50.8 – 91.8) and Bumiputera Sarawak (68.4%; 95% CI, 47.9 – 83.6). While the Chinese were the least that utilised government outpatient care (43.7%; 95% CI, 29.4 – 59.0). Among marital status group, widow / widower / divorcee group utilised the government outpatient care the most (76.2%; 95% CI, 67.1 – 83.3).

In terms of education level, the general pattern showed that higher education level utilised private sectors more. Those who had primary education utilised government out-patient care the highest (68.5%; 95% CI, 55.5 – 79.1) as compared to tertiary education level which utilised government out-patient care the least (37.0%; 95% CI, 29.3 – 45.4).

In the government sector, unpaid worker/homemaker utilised out-patient care the highest (82.8%; 95% CI, 75.4 – 88.3) followed by unemployed (78.1%; 95% CI, 69.3 – 85.0). Private employees used the government out-patient care the least (38.8%; 95% CI, 28.6 – 50.0).

Higher utilisation of private out-patient care was by Non Malaysian (55.7%; 95% CI, 34.3 – 75.2) than Malaysian (39.3%; 95% CI, 34.7 – 44.1).

3.1.1.3 Annualised rate of utilisation (mean visit to out-patient healthcare)

Although the recall period for out-patient utilisation was 2 weeks, the results were annualized to ease the reporting of utilisation rate (**Table 3.5**). Overall, Malaysian population has an average of 3.23 (95% Cl, 2.9 – 3.5) visits to out-patient clinic in a year. Highest utilisation rate was seen in Sabah and Wilayah Persekutuan Labuan (4.61; 95% Cl, 3.2 – 6.0), followed by Kelantan (4.16; 95% Cl, 2.6 – 5.7) and Wilayah Persekutuan Putrajaya (4.10; 95%, 1.7 – 6.5).

3.1.1.4 Out-patient visit associated with previous health problem in the last two weeks

Significantly more visits to the out-patient healthcare facilities were due to health problems (87.1%; 95% Cl, 85.3 – 88.7) than otherwise (**Table 3.6**).

3.1.1.5 Number of visits to out-patient healthcare facilities

Of all the government facilities, 87.7% (95% CI, 85.3 – 89.8) had been visited once, 5.5% (95% CI, 4.3 - 6.9) twice, and 6.8% (95% CI, 5.3 – 8.8) more than twice, while of private facilities, 89.3% (95% CI, 86.3 – 91.6) had been visited once, 6.2% (95% CI, 4.4 – 8.5) twice, and 4.6% (95% CI, 3.2 – 6.5) more than twice (**Table 3.7**).

3.1.1.6 Modes of transportation to out-patient healthcare facilities

Most of visits to government out-patient care, had been made using respondents' own car (40.5%; 95% CI, 37.6 – 43.4). Other modes of transportation used, in decreasing order, were using their own motorcycle (13.2%; 95% CI, 11.4 – 15.2), public transport (4.9%; 95% CI, 3.6– 6.6) and others (2.3%; 95% CI, 1.7 – 3.2) (**Table 3.7**).

Most of the visits to private out-patient care, had been using respondents' own car (33.2%; 95% CI, 30.3 – 36.2). Other modes of transportation, in decreasing order, were using their own motorcycle (5.5%; 95% CI, 4.4 – 6.8), by walking (1.1%; 95% CI, 0.6 – 2.1) and public transport (1.0%; 95% CI, 0.6 – 1.7) (**Table 3.7**).

3.1.1.7 Travel time to out-patient healthcare facilities

The mean travel time from home to government out-patient facilities was 19.7 minutes (SD, 49.1), with median of 15 minutes (IQR, 10 – 20) (**Table 3.8**). A total of 81.1% (95% CI, 77.8– 84.0) were <30 minutes, 16.9% (95% CI, 14.1– 20.0) 30 – 60 minutes and 2.1% (95% CI, 1.2 – 3.6) >60 minutes (**Table 3.7**).

The mean travel time from home to private out-patient facilities was 24.3 minutes (SD, 118.8), with median of 15 minutes (IQR, 10 – 20) (**Table 3.8**). A total of 84.1% (95% CI, 80.9 – 86.8) were <30 minutes, 13.4% (95% CI, 10.9 – 16.4) 30–60 minutes and 2.5% (95% CI, 1.4 – 4.2) >60 minutes (**Table 3.7**).

3.1.1.8 Distance to out-patient healthcare facilities

The mean distance between government out-patient health care facilities and respondents' homes was 9.8km (SD, 17.4), with median of 5km (IQR, 2 – 11) (**Table 3.8**). A total of 42.9% of respondent who had out-patient care travelled (95% CI, 38.8 – 47.1) <5km, 31.9 % (95% CI, 28.3 – 35.7) 5–10km and 25.3% (95% CI, 21.9 – 29.0) >10km (**Table 3.7**).

The mean distance between private out-patient health care facilities and respondents' homes was 9.3km (SD, 22.0), with median of 5km (IQR, 2 – 10) (**Table 3.8**). A total of 43.2 % of respondent who had out-patient care travelled (95% CI, 38.2 – 48.3) <5km, 34.3 % (95% CI, 30.2 – 38.7) for 5 – 10km and 22.5% (95% CI, 19.3 – 26.0) > 10km (**Table 3.7**).

3.1.2 Utilisation of out-patient healthcare among those reported to have illness in the past 2 weeks

Of the total respondents, 27.5% reported ill within 2 weeks prior to the interview. Of these, 33.5% (95% CI, 31.7 – 35.3), utilised out-patient healthcare (**Table 3.11**). Utilisation of out-patient services among those who reported ill in the last 2 weeks was significantly higher in Melaka (43.6%; 95% CI, 33.6 – 54.2), Negeri Sembilan (43.0%; CI, 34.6 – 51.8) and Perlis (41.5%; 95% CI, 35.9 – 47.4) compared to the other states. By age groups, utilisation of

healthcare services among those who reported ill in the last 2 weeks was significantly higher among the 70-74 years (58.0%; 95% CI, 48.0 – 67.3) and 0-4 years (49.7%; CI, 45.3 – 54.0) compared to the other age groups. There was no difference in utilisation by location, sex and income (**Table 3.12**).

3.1.3 Implication

Among those who had out-patient care within 2 weeks prior to the interview, significantly more had visited government compared to private facilities. Prevalence of utilisation of out-patient healthcare was highest in Sarawak, Sabah, Kelantan, Selangor and Perlis, among the 70-74 years and 0-4 years age groups, Bumiputera Sarawak, those who are widows/widowers/divorcees and among unemployed.

Utilisation of private out-patient care (**Table 3.4**) was lower (as compared to the government) in this study (39.9%) which is difference to that previously reported in NHMS 4 (54.2%). The utilisation rate of government facility was slightly higher in this study (60.1%) as compared to that previously reported in NHMS 4 (45.8%), indicating that the population had come to rely more on government facilities. Most government out-patient care had been utilised in Kelantan, while private out-patient care had been most utilised in Selangor. Comparisons with NHMS 4 and NHMS 5 can be seen in **Figure 3.6**.

In average, each individual will seek care 2 times at government and once at private healthcare facility, making it about 3 times to any healthcare facility in a year. The rate of utilisation was high in two ends of age groups, which were child and elderly. Those who are working go to the private healthcare facility, while those who are not working and retiree tend to go to the government. Those who had lower income seem fonder towards public healthcare facility.

Almost all utilised only one healthcare facility, and had made only one visit (**Table 3.3**), either to government or private facility using their own car. Most visits to both government and private healthcare facilities had been made by car. Mean travel time to both was less than 30 minutes and mean distance travelled was less than 5km (**Table 3.7**).

3.1.4 Conclusion

This study showed a change in utilisation pattern between government and private out-patient facilities, and differences among different population groups e.g. between states, education and ethnic. There exist an aged population (75 years and above) with a high utilisation of out-patient care.

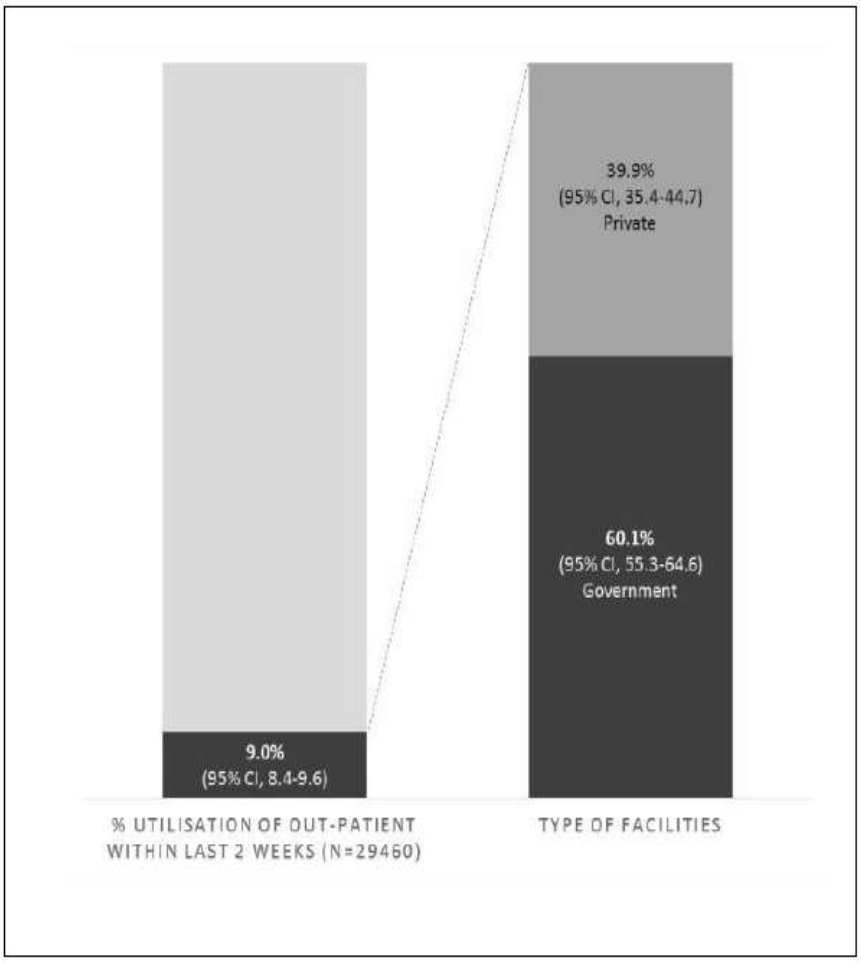


Figure 3.1: Utilisation of out-patient healthcare facilities by sector

The mean distance travelled had increased from 8.4km in NHMS 2011 to 9.96km in this study. This indicates that the populations are living further away from facilities or that facilities are being by-passed.

3.1.5 Recommendation

Increased utilisation by the aged (+75 years) calls for enhanced geriatric care. Adequate parking facilities are called for to cater for patients who mostly used own car to the healthcare facilities. Otherwise optimum shuttle services must be considered.

	NHMS 2 (1996)	NHMS 3 (2006)	NHMS 4 (2011)	NHMS 5 (2015)
Response rate	98.4%	98.3%	99.7%	99.9%
Ill & sought care	42.5%	58.1%	30.5%	Not available
Highest Prevalence by: States	Pulau Pinang WP Kuala Lumpur Perak Selangor	Perak Kedah	WP Putrajaya WP Kuala Lumpur Perak Negeri Sembilan Sabah/WP Labuan	Sarawak Sabah/WP Labuan Kelantan Selangor Perlis
Sex	No difference	Female > male	No difference	No difference
Ethnic	Indian	Indian	Indian	Bumiputera Sarawak
Urban vs rural	Not available	No difference	No difference	No difference
Age group	0-4 years	0-4 years, 65+ years	0-4 years, 75+ years	0-4 years, 70-74 years
Education level	Lower in < education level	Lowest = secondary	No difference	Highest=No formal education
Income	Increase with income	No difference	No difference	No difference
Visit to One place	90%	Not available	94%	95.7%
Type / sector (Private : Government)	Private > Government (59.8%) : (33.8%)	Not available	Private > Government (54.2%) : (45.8%)	Private < Government (39.9%) : (60.1%)
Distance: Mean Median	 Not available Not available	 5.7km 3.0km	 8.4km 5.0km	 9.96km 5.0km
Travel Time :<30min	70.4 %	85.4%	76.0%	80.8%
Marital status	Not available	Lowest = Single	Lowest = Single	Lowest = Single

Figure 3.2: Comparison with previous NHMS (NHMS 1996, 2006 & 2011) – Out-patient services

3.2 UTILISATION OF IN-PATIENT HEALTHCARE AMONG TOTAL POPULATION

3.2.1 Findings

3.2.1.1 Prevalence of utilisation of in-patient healthcare

A total of 29, 436 (100.0%) responded to this section (**Table 3.17**). In the 12 months prior to the interview **(Table 3.18**), 7.6% (95% CI, 7.1 – 8.1) of the respondents had in-patient care. Among the states, Negeri Sembilan had the highest utilisation which was 9.9% (95% CI, 7.8 – 12.4) followed by Perlis (9.0%; 95% CI, 7.4 – 10.8) and Melaka (8.8%; 95% CI, 6.5 – 11.6). In contrast, Sarawak had the lowest utilisation which was 5.7% (95% CI, 4.2 – 7.7) followed by Kelantan (6.0%; 95% CI, 4.9 – 7.3). There was no significant difference in prevalence of utilisation between urban and rural locations. Females (8.9%; 95% CI, 8.2 – 9.6) had more in-patient care than males (6.4%; 95% CI, 5.8 – 7.1).

By age groups, those in the >75 years group (16.3%; 95% CI, 12.9 – 20.4) had the highest in-patient care, followed by those in age group 70 - 74 (14.1%; 95% CI, 9.7 – 20.1) and age group 0 - 4 (10.3%; 95% CI, 8.8 – 12.0). The age group 10 – 14 years (3.8%; 95% CI, 3.0 - 4.8) had the lowest utilisation. By ethnic groups, Indians had the most in-patient care (9.9%; 95% CI, 8.1 – 12.0), followed by Bumiputera Sabah (9.5%; 95% CI, 7.7 – 11.7) and Malays (8.6%; 95% CI, 7.9 – 9.3).

The proportion of Malaysians that utilised (7.9%; 95% CI, 7.4 – 8.4) in-patient care was more as compared to Non-Malaysians (4.5%; 95% CI, 3.3 – 6.0).

Utilisation by those who married (10.0%; 95% CI, 9.2 – 10.8) was significantly higher than respondents who never married (4.7%; 95% CI, 3.3 – 5.5).

Those with tertiary education (10.5%; 95% CI, 9.4 – 11.8) utilised more in-patient care, followed by no formal education (8.3%; 95% CI, 6.8 – 10.0) and secondary education (6.9%; 95% CI, 6.3 – 7.7). From the occupation point of view, unpaid worker / homemaker (13.2%; 95% CI, 11.6 – 15.0) utilised in-patient care the most, followed by unemployed (12.2%; 95% CI, 10.5 – 14.2) and retiree (10.6%; 95% CI, 8.1 – 13.9).

There was no significant difference in utilisation across the household income groups. However, those in the income bracket of less than RM1,000 utilised the most for in-patient care (8.4%; 95% CI, 7.2 – 9.7) and those in the RM9,000 - RM10,000 income bracket utilised the least for in-patient care (6.2%; 95% CI, 3.9 – 9.7).

Those who were under the Q2 quintile utilised in-patient care the highest (8.5%; 95% CI, 7.5 – 9.7) as compare to the Q3 quintile who had the lowest utilisation of in-patient care (7.0%; 95% CI, 6.2 – 8.0).

3.2.1.2 Total number of in-patient healthcare facilities visited

Among those who had in-patient healthcare in the last 12 months, 95.3% (95% CI, 94.1 – 96.3) had visited one facility only, while only 3.9% (95% CI, 3.1 – 5.0) visited two facilities (**Table 3.19**).

3.2.1.3 Utilisation of in-patient healthcare by sector

The utilisation of in-patient healthcare under government sector (**Table 3.20**) more had visited (76.7%; 95% CI, 73.5 – 79.6) compared to private facilities (23.3%; 95% CI, 20.4 – 26.5).

Highest utilisation of government in-patient care were in Terengganu (95.9%; 95% CI, 87.4 – 98.7), Sabah/Wilayah Persekutuan Labuan (95.7%; 95% CI, 90.5 – 98.1) and Sarawak (93.4% CI, 86.7 – 96.8), while the lowest was in Negeri Sembilan (51.4%; 95% CI, 39.5 – 63.1). Rural (93.7%; 95% CI, 91.4 – 95.4) utilised significantly more government facilities than urban areas (71.2%; 95% CI, 67.0 – 75.0) for in-patient care.

Highest utilisation of private in-patient care was in Negeri Sembilan (48.6%; 95% CI, 36.9 – 60.5), followed by Pulau Pinang (42.8%; 95% CI, 27.4 – 59.8). Private hospitals were least used in Terengganu, Sabah/Wilayah Persekutuan Labuan and Sarawak. Urban (28.8%; 95% CI, 25.0 – 33.0) utilised significantly more private hospital than rural (6.3%; 95% CI, 4.6 – 8.6) for in-patient care.

There was no significance difference among males and females for the utilisation pattern of in-patient care, for both government and private sector.

In terms of ethnicity, Orang Asli utilised 100% of government in-patient care. Bumiputera Sabah utilised government in-patient care at (98.6%; 95% CI, 94.6 – 99.6), followed by Bumiputera Sarawak (98.0%; 95% CI, 91.7 – 99.5) whereas Chinese utilised government in-patient care the least (52.3%; 95% CI, 43.3 – 61.1).

Private hospitals were most utilised by Chinese population (47.7%; 95% CI, 38.9 – 56.7) for in-patient care, followed by Indians (38.9%; 95% CI, 28.3 – 50.6) and Malay (20.2%; 95% CI, 16.8 – 24.2). The Bumiputera Sabah and Bumiputera Sarawak utilised private in-patient care the least while none of Orang Asli ethnicity utilised in-patient care for private hospital.

Significant difference reported among different marital status for the utilisation pattern of in-patient care in the private sector. Utilisation by those never married (26.0%; 95% CI, 18.6 – 35.1) was significantly higher than respondents who married (24.8%; 95% CI, 21.3 – 28.6).

In terms of education level, the general pattern showed that higher education level utilised private sectors more for in-patient care. Those who had unclassified education level utilised government in-patient care the highest (93.8%; 95% CI, 82.6 – 98.0) as compared to tertiary education level which utilised government in-patient care the lowest (57.4%; 95% CI, 50.4 – 64.1). Private hospitals were most utilised by those under tertiary level (42.6%; 95% CI, 35.9 - 49.6) for in-patient care, and in contrary, those who had unclasified utilised private in-patient care the least (6.2%; 95% CI, 2.0 – 17.4).

In the government sector, unemployed utilised in-patient care the highest (89.2%; 95% CI, 82.9 – 93.3) followed by unpaid worker/homemaker (87.9%; 95% CI, 82.9 – 91.6). Private employees used the government in-patient care the least (58.3%; 95% CI, 51.5 – 64.8).

In the private sector, private employees utilised in-patient care the most as expected (41.7%; 95% CI, 35.2 – 48.5). Unemployed utilised in-patient care the least for private sector (10.8%; 95% CI, 6.7 – 17.1).

In terms of household income, respondents utilised in-patient government sector more as opposed to private sector. Those in the less than RM1,000 income bracket utilised in-patient government sector the most (91.8%; 95% CI, 87.0 – 94.9) and those under the RM9,000 – RM 9,999 household income bracket utilised in-patient government sector the least (43.0%; 95% CI, 29.7 – 57.4).

Those in the RM10,000 and above income bracket utilised in-patient private sector the most (57.0%; 95% CI, 42.6 – 70.3) whereas those in the RM1,000 - RM1,999 income bracket used in-patient private sector the least (8.2%; 95% CI, 5.1 – 13.0). For the socioeconomic quintiles, respondents under the Q5 quintile utilised government sector the most for in-patient care (93.5%; 95% CI, 89.9 –95.9) and the Q4 quintile utilised the least for government sector (56.9%; 95% CI, 49.4 – 64.1). The Q5 quintile utilised in-patient private sector the most (43.1%; 95% CI, 35.9 – 50.6) and the least utilised in-patient private sector were from the Q2 quintile (8.1%; 95% CI, 5.0 – 12.7).

3.2.1.4 Number of visits to in-patient healthcare facilities

Of the government facilities, for the past 12 months prior to interview, 84.5% (95% CI, 81.9–86.8) had one visit for in-patient care, 8.3% (95% CI, 6.7 – 10.3) twice and 7.2% (95% CI, 5.7 – 9.1) more than twice, while of private facilities, 87.8% (95% CI, 83.9 – 90.9) had a single visit, and 7.5% (95% CI, 5.0 – 10.9) visited twice for the past 12 months prior to interview (**Table 3.21**).

3.2.1.5 Duration of in-patient healthcare

The mean number of days of government in-patient care was 6.2 days (SD, 12.4), with median of 3 days (IQR, 2 – 6) (**Table 3.22**). Of the government in-patient care, 65.3% (95% CI, 62.0 – 68.4) had been 4 or less days, 20.2% (95% CI, 17.8 – 22.9) 5-7 days and 14.5% (95% CI, 12.4 – 16.9) >7 days (**Table 3.21**).

The mean number of days of private in-patient care was 5.0 days (SD, 8.6), with median of 4 days (IQR, 2 – 5) (**Table 3.22**). Of the private in-patient care, 66.1% (95% CI, 61.1 – 70.7) had been 4 or less days, 23.6% (95% CI, 19.5 – 28.3) 5-7 days and 10.3% (95% CI, 7.6 – 13.9) > 7 days (**Table 3.21**).

3.2.1.6 Modes of transportation to in-patient healthcare facilities

Majority used own car as mode of transportation both to government (58.5%; 95% CI, 55.3 – 61.6) and private (24.4%; 95% CI, 21.5 – 27.5) healthcare facilities (**Table 3.21**).

3.2.1.7 Travel time to in-patient healthcare facilities

The mean time to travel from home to government in-patient healthcare facilities was 44.1 minutes (SD, 90.6, with median of 30 minutes (IQR, 15 – 40) (**Table 3.22**). A total of 49.4% (95% CI, 45.4 – 53.4) were <30 minutes, 38.6% (95% CI, 34.9 – 42.3) 30–60 minutes and 12.1% (95% CI, 9.7 – 14.9) >60 minutes (**Table 3.21**).

The mean time to travel from home to private in-patient healthcare facilities was 33.9 minutes (SD, 37.3), with median of 25 minutes (IQR, 15 – 35) (**Table 3.22**). A total of 57.3 % (95% CI, 50.6 – 63.8) were < 30 minutes and 32.5% (95% CI, 26.6 – 39.1) were in the 30–60 minutes category, and 10.2% (95% CI, 7.2 – 14.2) > 60 minutes (**Table 3.21**).

3.2.1.8 Distance to in-patient healthcare facilities

The mean distance between government in-patient health care facilities and respondents' homes was 26.9km (SD, 56.2), with median of 15km (IQR, 5.2 – 25.0) (**Table 3.22**). A total of 17.5% (95% CI, 14.4 – 21.0) were <5km, 27.9% (95% CI, 24.5 – 31.6) 5–10km and 54.6% (95% CI, 50.2 – 58.9) >10km (**Table 3.21**).

The mean distance between private in-patient health care facilities and respondents' homes was 23.5km (SD, 35.6), with median of 13km (IQR, 6.00 – 25.0) (**Table 3.22**). A total of 19.3% (95% CI, 14.6 – 25.1) were <5km, 28.1% (95% CI, 22.3 – 34.6) 5–10km and 52.7% (95% CI, 45.4 – 59.8) >10km (**Table 3.21**).

3.2.2 Implications

Prevalence of utilisation of in-patient care was highest in Negeri Sembilan, Perlis and Melaka, among the >75 years age group, Indians, those who were married and widows/widowers /divorcees, tertiary educational level, and among unpaid workers /homemakers. Kelantan and Sarawak utilised the least in-patient care.

More than half of the respondents had never utilised in-patient care while less than 10% utilised it in the 12 month prior to the interview (**Table 3.17**). Almost all utilised only one healthcare facility (**Table 3.21**), and had made only one visit in that time (**Table 3.19**), either to government or private facility using their own car (**Table 3.21**). In comparison, NHMS 2011 reported that utilisation of government in-patient care was (72.2%) while the private in-patient care was 27.8%. The NHMS 2015 reported 76.7% of government utilisation in-patient healthcare while 23.3% of private utilisation in-patient healthcare.

All the states of in-patient care are had been more to government hospital, while less had been to private facilities (**Table 3.20**).

Respondents stayed longer in government than in private in-patient healthcare facilities. Travel time to both government and private in-patient healthcare facilities was about half an hour and the distance was more than 10km. Comparisons with NHMS 4 and NHMS 5 can be seen in **Figure 3.6**.

3.2.3 Conclusion

This study showed an increase in disparities in utilisation between government and private in-patient facilities. At the same time, distance to private facilities had decreased considerably.

With government facilities being utilised three times more than private and stays were 1.18 time longer in government than private facilities; clearly, the demand on government facilities are greater. This was in spite of the travel being further (23.5km vs 26.9km) and longer (33.9 minutes vs 44.1 minutes) to government facilities.

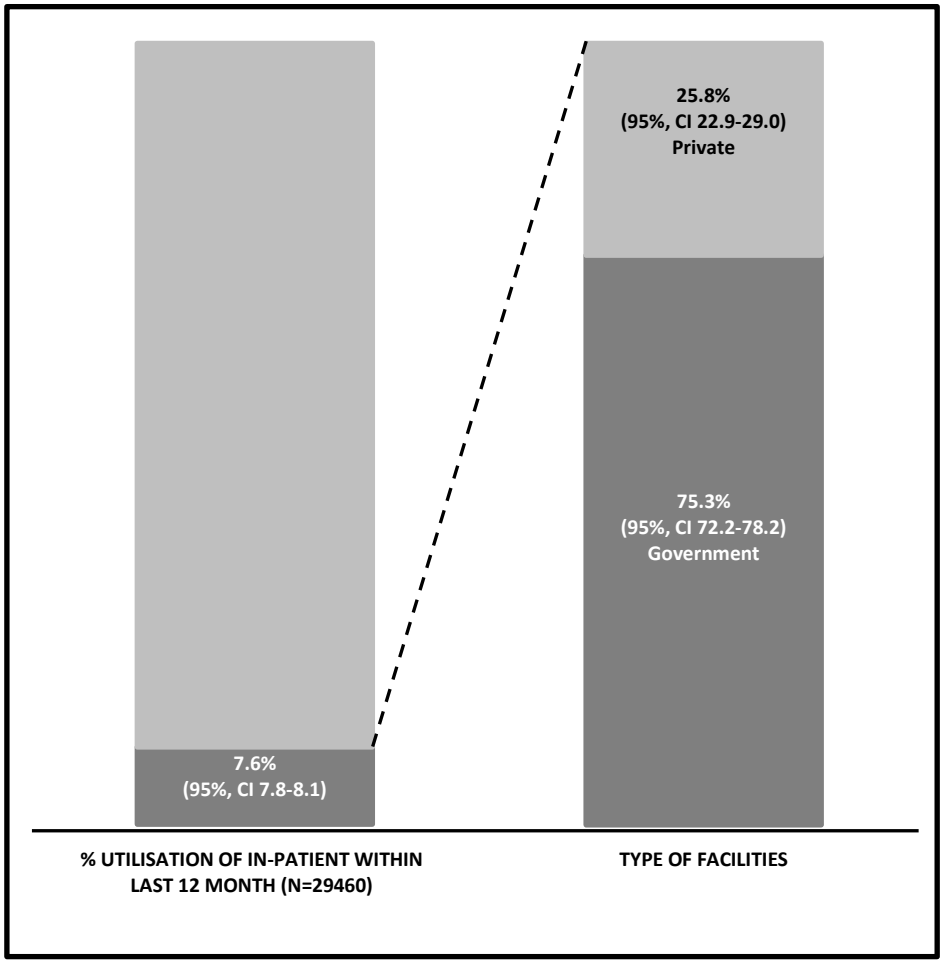


Figure 3.3: Utilisation of in-patient healthcare facilities by sector

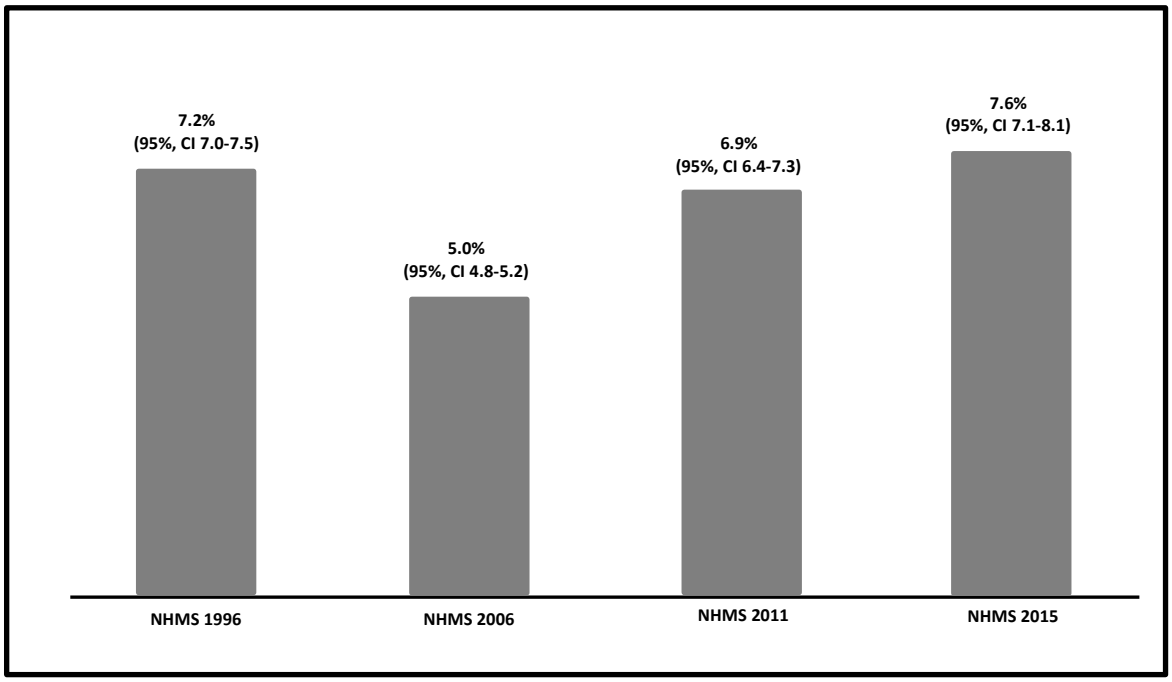


Figure 3.4: Prevalence of in-patient healthcare utilisation within the last 12 month prior to interview

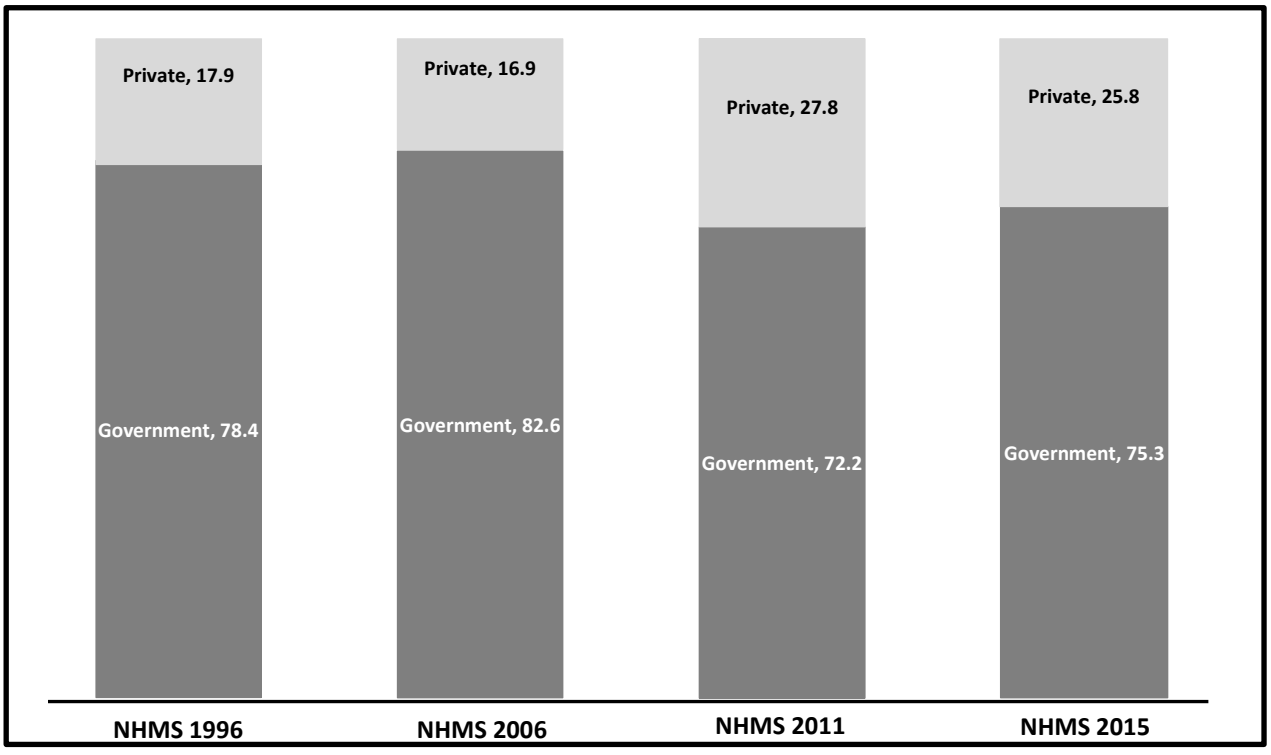


Figure 3.5: Prevalence of in-patient healthcare utilisation within the last 12 months prior to interview

	NHMS 2 (1996)	NHMS 3 (2006)	NHMS 4 (2011)	NHMS 5 (2015)
Prevalence	7.2%	5.0%	6.9%	7.6%
Highest Prevalence by Sex	Female > male	No difference	Female > male	Female > male
Type / sector (Government:Private)	Government >Private (78.4% : 17.9%)	Government >Private (82.6% : 16.9%)	Government >Private (72.2% : 27.8%)	Government >Private (76.7% : 23.3%)
Highest Prevalence of Private facility by:State	Perlis, Negeri Sembilan	Pulau Pinang, WPKL, Selangor	Pulau Pinang, Selangor	Negeri Sembilan, Pulau Pinang
Urban : Rural	No difference	22.6 : 6.6	34.9 : 8.9	28.8 : 6.3
Mean distance to private in-patient facilities	92.6 km	NA	17.8 km	23.5 km

Figure 3.6: Comparison with previous NHMS (NHMS 1996, 2006& 2011) – in-patient services

3.3 TABLES OF FINDINGS

3.3.1 Utilisation of Out-patient Healthcare Services

Table 3.1 : Utilisation of out-patient healthcare services in the last 2 weeks

	Count[1]	Estimated Population[2]	%	95% CI	
				Lower	Upper
TOTAL (Overall)	**29,460**	**29,374,199**	**100.0**	-	-
Yes	2,811	2,651,475	9.0	8.4	9.6
No	26,624	26,686,820	90.9	90.2	91.4
Missing[1]	25	35,904	0.1	0.1	0.2

Notes:
1. 95% CI=95% Confidence Interval
2. Missing include those who "Don't Know" & "Refuse to Answer"

Table 3.2 : Prevalence of out-patient healthcare utilisation by Sociodemographic characteristics

Sociodemographic characteristics	Count[1]	Estimated Population[2]	% Prevalence	95% CI	
				Lower	Upper
MALAYSIA	**2,811**	**2,651,475**	**9.0**	**8.4**	**9.6**
State					
Johor	174	208,029	6.1	5.0	7.5
Kedah	177	170,683	8.7	6.8	11.0
Kelantan	207	170,442	10.4	8.3	13.0
Melaka	172	72,040	8.7	6.4	11.6
Negeri Sembilan	168	79,286	7.9	6.2	10.1
Pahang	178	136,775	8.9	7.3	10.7
Pulau Pinang	179	138,588	8.5	6.2	11.5
Perak	150	168,044	7.2	5.7	9.0
Perlis	181	22,740	9.7	7.7	12.1
Selangor	414	565,960	9.7	8.3	11.3
Terengganu	171	101,597	9.1	7.7	10.8
Sabah & WP Labuan	319	388,953	11.2	9.3	13.4
Sarawak	195	303,707	11.8	9.1	15.2
WP Kuala Lumpur	62	118,360	7.0	5.0	9.6
WP Putrajaya	64	6,273	7.3	5.4	9.8
Location					
Urban	1,524	1,920,791	8.7	8.0	9.5
Rural	1,287	730,684	10.0	9.0	11.1
Sex					
Male	1,237	1,266,492	8.4	7.6	9.2
Female	1,574	1,384,983	9.7	9.0	10.5
Age Group (Years)					
0-4	477	451,687	18.1	16.0	20.4
5 - 9	277	262,304	10.9	9.0	13.2
10 - 14	169	164,452	6.4	5.0	8.2
15 - 19	127	151,394	5.7	4.6	7.2
20 - 24	118	173,857	6.1	4.8	7.7
25 - 29	169	210,457	7.6	6.3	9.0
30 - 34	152	181,546	6.9	5.6	8.5
35 - 39	150	155,991	7.5	6.1	9.2
40 - 44	135	129,741	7.0	5.8	8.5
45 - 49	147	134,579	8.0	6.6	9.7
50 - 54	197	152,967	10.1	8.5	12.0
55 - 59	189	133,729	10.6	8.8	12.6
60 - 64	157	114,040	12.1	9.9	14.8
65 - 69	129	74,948	10.8	8.4	13.8
70 - 74	109	76,048	18.8	14.7	23.7
75+	109	83,737	14.7	11.6	18.4
Ethnicity[3]					
Malay	1,816	1,458,364	9.5	8.8	10.2
Chinese	291	402,850	6.4	5.4	7.6
Indian	225	209,572	10.9	8.9	13.2
Bumiputera Sabah	222	222,225	14.5	12.0	17.3
Bumiputera Sarawak	106	193,516	14.8	10.7	20.2
Orang Asli	6	4,784	6.0	2.1	16.2
Others	143	159,238	5.7	4.6	7.0

Sociodemographic characteristics	Count[1]	Estimated Population[2]	% Prevalence	95% CI	
				Lower	Upper
MALAYSIA	**2,811**	**2,651,475**	**9.0**	**8.4**	**9.6**
Citizenship					
Malaysian	2,726	2,549,872	9.4	8.8	10.1
Non Malaysian	85	101,603	4.4	3.4	5.7
Marital status[3]					
Never married	402	477,712	5.8	5.0	6.6
Married	1,290	1,170,857	8.9	8.2	9.6
Widow/Widower/Divorcee	260	177,812	12.7	10.8	14.8
Education level[3]					
No formal education	288	243,798	13.8	11.8	16.1
Primary	799	676,586	8.7	7.8	9.8
Secondary	793	774,919	7.2	6.6	7.9
Tertiary	368	419,944	7.9	7.0	9.1
Unclassified	76	68,372	6.5	4.7	8.9
Occupation[4]					
Government /Semi- government employee	209	179,215	9.3	7.9	10.9
Private employee	497	603,693	7.4	6.6	8.4
Self-employed	285	241,450	7.0	6.0	8.2
Unpaid worker/homemaker	339	280,134	9.6	8.3	11.1
Retiree	79	60,291	9.9	7.6	12.9
Unemployed	392	307,904	10.6	9.3	12.2
Student[4]	151	153,694	5.2	4.1	6.5
Household Income Group(RM)					
Less than RM1000	486	407,409	10.1	8.7	11.8
RM1000 - RM1999	534	444,457	9.1	8.0	10.3
RM2000 - RM2999	520	449,041	9.4	8.2	10.8
RM3000 - RM3999	329	336,021	8.8	7.6	10.2
RM4000 - RM4999	227	240,268	8.3	6.9	10.0
RM5000 - RM5999	197	217,904	9.6	7.9	11.7
RM6000 - RM6999	120	140,595	9.6	7.2	12.7
RM7000 - RM7999	97	94,053	7.8	5.9	10.3
RM8000 – RM8999	92	91,640	9.1	6.7	12.2
RM9000 – RM10000	37	32,533	6.5	4.1	10.2
RM10000 and above	172	197,555	7.8	6.2	9.8
Household Income Quintiles					
Q1 (20% poorest)	409	346,854	10.1	8.5	11.8
Q2	554	468,343	9.3	8.1	10.6
Q3	651	562,444	9.2	8.1	10.4
Q4	529	562,094	8.7	7.7	9.8
Q5 (20% richest)	668	711,740	8.6	7.6	9.7
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (20% poorest)	594	553,485	9.4	8.2	10.8
Q2	685	565,119	9.6	8.5	10.8
Q3	585	561,945	9.6	8.5	10.9
Q4	541	512,261	8.7	7.6	9.9
Q5 (20% richest)	406	458,711	7.8	6.7	9.1

Notes

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 3.3: Total number of out-patient healthcare facilities utilised

Number of places visited	Count[1]	Estimated Population[2]	%	95% CI	
				Lower	Upper
TOTAL (Overall)	**2,811**	**2,651,475**	**100.0**	-	-
1 place	2,697	2,538,146	95.7	94.5	96.7
2 places	102	99,435	3.8	2.9	4.9
>2 places	11	13,604	0.5	0.2	1.1
Missing[3]	1	291	0.0	0.0	0.1

Notes:

1. [1]Some cells have respondent count <30. Results should be interpreted with caution.
2. [2]Due to rounding, some totals may not correspond with the sum of the separate figures.
3. [3]Missing include those who "Don't Know"

Table 3.4: Prevalence of out-patient healthcare utilisation by Sociodemographic characteristics and by sector

Sociodemographic characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Row %	95% CI		Count[1]	Estimated Population[2]	Row %	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**2,474**	**2,189,002**	**60.1**	**55.3**	**64.6**	**1,348**	**1,455,238**	**39.9**	**35.4**	**44.7**
State										
Johor	138	142,013	51.6	40.4	62.6	100	133,419	48.4	37.4	59.6
Kedah	151	140,583	71.0	62.4	78.3	69	57,443	29.0	21.7	37.6
Kelantan	268	219,397	84.0	73.7	90.8	53	41,724	16.0	9.2	26.3
Melaka	170	66,915	80.6	72.7	86.6	43	16,124	19.4	13.4	27.3
Negeri Sembilan	102	42,147	49.2	38.1	60.3	81	43,595	50.8	39.7	61.9
Pahang	165	139,538	65.4	49.8	78.3	83	73,751	34.6	21.7	50.2
Pulau Pinang	169	125,715	59.2	40.8	75.4	100	86,550	40.8	24.6	59.2
Perak	178	172,157	72.4	61.7	81.0	48	65,697	27.6	19.0	38.3
Perlis	144	17,608	65.8	57.7	73.0	68	9,168	34.2	27.0	42.3
Selangor	220	293,765	40.1	31.4	49.6	293	438,236	59.9	50.4	68.6
Terengganu	149	86,252	65.2	53.3	75.5	74	45,961	34.8	24.5	46.7
Sabah & WP Labuan	346	422,092	68.6	47.0	84.3	122	193,286	31.4	15.7	53.0
Sarawak	162	249,619	61.4	47.3	73.8	103	157,007	38.6	26.2	52.7
WP Kuala Lumpur	41	64,118	42.5	25.4	61.5	38	86,835	57.5	38.5	74.6
WP Putrajaya	71	7,083	52.4	23.0	80.2	73	6,442	47.6	19.8	77.0
Location										
Urban	1,177	1,420,457	54.6	48.9	60.2	899	1,180,067	45.4	39.8	51.1
Rural	1,297	768,545	73.6	66.7	79.6	449	275,171	26.4	20.4	33.3
Sex										
Male	1,082	1,012,881	59.5	53.9	64.9	629	688,460	40.5	35.1	46.1
Female	1,392	1,176,121	60.5	53.6	67.1	719	766,778	39.5	32.9	46.4
Age Group (Years)										
0 – 4	335	333,797	56.6	47.0	65.7	254	256,192	43.4	34.3	53.0
5 – 9	194	177,535	61.5	52.1	70.0	114	111,339	38.5	30.0	47.9
10 – 14	141	125,353	68.9	56.0	79.4	48	56,533	31.1	20.6	44.0
15 – 19	107	128,912	67.3	52.7	79.1	58	62,773	32.7	20.9	47.3
20 – 24	71	107,450	49.7	37.3	62.1	79	108,712	50.3	37.9	62.7
25 – 29	144	184,147	52.9	38.1	67.3	110	163,854	47.1	32.7	61.9
30 – 34	130	142,217	57.3	43.6	69.9	114	106,185	42.7	30.1	56.4
35 – 39	122	95,237	47.4	36.6	58.4	86	105,779	52.6	41.6	63.4
40 – 44	126	104,462	53.1	39.3	66.5	73	92,259	46.9	33.5	60.7
45 – 49	111	95,469	38.4	17.5	64.7	105	152,993	61.6	35.3	82.5

Sociodemographic characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Row %	95% CI		Count[1]	Estimated Population[2]	Row %	95% CI	
				Lower	Upper				Lower	Upper
50 – 54	180	136,472	63.6	47.2	77.4	74	77,980	36.4	22.6	52.8
55 – 59	197	139,208	74.4	64.3	82.4	65	48,018	25.6	17.6	35.7
60 – 64	178	112,244	76.0	66.6	83.4	47	35,427	24.0	16.6	33.4
65 – 69	161	97,250	83.3	69.4	91.6	39	19,523	16.7	8.4	30.6
70 – 74	103	72,098	69.4	56.0	80.2	44	31,770	30.6	19.8	44.0
75+	174	137,151	84.1	68.3	92.9	38	25,901	15.9	7.1	31.7
Ethnicity [2]										
Malay	1,585	1,161,251	61.8	56.9	66.4	817	719,099	38.2	33.6	43.1
Chinese	237	295,932	43.7	29.4	59.0	234	381,973	56.3	41.0	70.6
Indian	180	153,411	55.0	42.7	66.8	116	125,339	45.0	33.2	57.3
Bumiputera Sabah	250	256,178	79.9	69.8	87.2	60	64,500	20.1	12.8	30.2
Bumiputera Sarawak	93	172,775	68.4	47.9	83.6	50	79,905	31.6	16.4	52.1
Orang Asli	7	5,548	77.3	50.8	91.8	2	1,633	22.7	8.2	49.2
Others	119	142,455	63.2	48.1	76.2	69	82,789	36.8	23.8	51.9
Citizenship										
Malaysian	2,432	2,127,099	60.7	55.9	65.3	1,288	1,377,367	39.3	34.7	44.1
Non Malaysian	42	61,903	44.3	24.8	65.7	60	77,871	55.7	34.3	75.2
Marital status [2]										
Never married	285	314,325	51.0	43.2	58.7	225	302,185	49.0	41.3	56.8
Married	1,292	1,088,218	61.3	53.4	68.6	637	687,463	38.7	31.4	46.6
Widow/Widower/Divorcee	279	192,038	76.2	67.1	83.3	89	60,123	23.8	16.7	32.9
Education level [2]										
No formal education	264	206,266	67.4	58.8	75.0	114	99,703	32.6	25.0	41.2
Primary	857	693,197	68.5	55.5	79.1	275	318,478	31.5	20.9	44.5
Secondary	692	670,591	63.5	57.1	69.5	354	385,172	36.5	30.5	42.9
Tertiary	249	216,084	37.0	29.3	45.4	318	368,070	63.0	54.6	70.7
Unclassified	63	46,458	62.3	48.1	74.7	30	28,096	37.7	25.3	51.9
Occupation [2]										
Government /Semi- government employee	196	159,787	68.0	56.9	77.4	99	75,166	32.0	22.6	43.1
Private employee	326	350,110	38.8	28.6	50.0	399	553,125	61.2	50.0	71.4
Self-employed	266	203,035	62.1	52.0	71.3	126	123,994	37.9	28.7	48.0
Unpaid worker/homemaker	387	327,268	82.8	75.4	88.3	72	68,007	17.2	11.7	24.6
Retiree	67	48,156	65.3	47.7	79.5	29	25,564	34.7	20.5	52.3
Unemployed	415	312,770	78.1	69.3	85.0	117	87,497	21.9	15.0	30.7
Student[3]	129	132,596	74.0	63.2	82.6	49	46,507	26.0	17.4	36.8

Sociodemographic characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Row %	95% CI		Count[1]	Estimated Population[2]	Row %	95% CI	
				Lower	Upper				Lower	Upper
Household Income Group(RM)										
Less than RM1,000	608	515,052	84.8	79.2	89.1	122	92,232	15.2	10.9	20.8
RM1,000 – RM1,999	525	463,579	73.6	68.1	82.1	189	165,857	26.4	17.9	36.9
RM2,000 – RM2,999	493	417,538	67.1	59.8	73.7	202	204,483	32.9	26.3	40.2
RM3,000 – RM3,999	268	252,110	48.4	32.7	64.4	195	268,892	51.6	35.6	67.3
RM4,000 – RM4,999	163	168,173	59.2	48.1	69.4	113	115,927	40.8	30.6	51.9
RM5,000 – RM5,999	127	125,782	45.7	34.2	57.8	124	149,220	54.3	42.2	65.8
RM6,000 – RM6,999	80	74,602	42.0	30.7	54.3	76	102,882	58.0	45.7	69.3
RM7,000 – RM7,999	57	51,749	34.3	18.3	55.0	113	98,960	65.7	45.0	81.7
RM8,000 – RM8,999	48	45,678	44.2	30.9	58.4	55	57,748	55.8	41.6	69.1
RM9,000– RM9,999	16	10,425	30.7	14.9	53.1	24	23,482	69.3	46.9	85.1
RM10,000 and above	89	64,314	26.8	18.7	36.9	135	175,555	73.2	63.1	81.3
Household Income Quintiles										
Q1 (Poorest 20%)	520	453,106	84.6	78.4	89.3	104	82,401	15.4	10.7	21.6
Q2	544	464,735	73.7	63.5	81.9	187	165,444	26.3	18.1	36.5
Q3	601	524,850	65.9	58.3	72.7	277	272,147	34.1	27.3	41.7
Q4	411	399,391	52.0	39.7	64.0	286	369,245	48.0	36.0	60.3
Q5 (Richest 20%)	398	346,920	38.0	31.8	44.6	494	566,001	62.0	55.4	68.2
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	589	540,375	70.2	52.9	83.1	175	229,637	29.8	16.9	47.1
Q2	618	525,474	73.1	64.2	80.4	226	193,775	26.9	19.6	35.8
Q3	507	453,448	61.3	52.8	69.1	255	286,631	38.7	30.9	47.2
Q4	377	311,652	49.3	41.9	56.8	294	320,242	50.7	43.2	58.1
Q5 (20% richest)	276	249,873	42.4	31.9	53.6	318	339,707	57.6	46.4	68.1

Notes:

1. [1]Some cells have respondent count (n)< 30. Results should be interpreted with caution.
2. [2]Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
3. [3]"Student" include those who aged >13 years old and not working.
4. % based on multiple responses i.e., some respondent might reported for more than one visit.
5. Total visits (n)=3822, include visits to government and private care facilities

Table 3.5: Annual mean visit to out-patient healthcare facility by sociodemographic characteristics and by sector

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Total			Government			Private		
			Mean visits	95% CI		Mean visits	95% CI		Mean visits	95% CI	
				Lower	Upper		Lower	Upper		Lower	Upper
MALAYSIA	**29,460**	**29,374,199**	**3.23**	**2.9**	**3.5**	**1.94**	**1.7**	**2.2**	**1.29**	**1.1**	**1.5**
State											
Johor	2,570	3,394,756	2.12	1.6	2.6	1.09	0.7	1.5	1.02	0.7	1.3
Kedah	1,880	1,965,303	2.63	2.0	3.3	1.86	1.3	2.4	0.76	0.5	1.0
Kelantan	1,887	1,638,345	4.16	2.6	5.7	3.49	1.9	5.0	0.66	0.4	1.0
Melaka	1,730	831,413	2.60	1.9	3.3	2.10	1.5	2.7	0.51	0.3	0.7
Negeri Sembilan	1,834	1,001,411	2.23	1.7	2.8	1.10	0.7	1.5	1.14	0.8	1.5
Pahang	1,821	1,544,008	3.59	1.9	5.2	2.35	0.9	3.7	1.25	0.7	1.8
Pulau Pinang	1,878	1,639,875	3.34	1.8	4.8	1.98	0.6	3.4	1.36	0.9	1.8
Perak	1,976	2,350,208	2.63	1.9	3.4	1.91	1.2	2.6	0.73	0.5	1.0
Perlis	1,814	235,115	2.97	2.3	3.6	1.95	1.5	2.4	1.02	0.7	1.4
Selangor	4,117	5,828,180	3.27	2.6	3.9	1.31	1.0	1.7	1.96	1.4	2.5
Terengganu	1,865	1,111,064	3.10	2.4	3.8	2.02	1.4	2.6	1.08	0.7	1.5
Sabah & WP Labuan	2,610	3,478,103	4.61	3.2	6.0	3.16	2.3	4.0	1.45	0.2	2.6
Sarawak	1,769	2,575,779	4.08	2.9	5.3	2.49	1.7	3.2	1.59	0.7	2.4
WP Kuala Lumpur	906	1,694,681	2.32	1.2	3.4	0.99	0.5	1.5	1.34	0.4	2.2
WP Putrajaya	803	85,957	4.10	1.7	6.5	2.15	1.0	3.3	1.95	0.0	4.1
Location											
Urban	16,880	22,077,755	3.07	2.7	3.4	1.67	1.4	1.9	1.39	1.1	1.7
Rural	12,580	7,296,447	3.71	3.1	4.3	2.73	2.2	3.3	0.98	0.7	1.2
Sex											
Male	14,225	15,152,540	2.92	2.6	3.3	1.74	2.0	0.1	1.18	1.4	0.1
Female	15,235	14,221,660	3.56	3.1	4.0	2.15	2.4	0.1	1.41	1.8	0.2
Age group (Years)											
0 – 4	2,689	2,493,120	6.17	4.9	7.4	3.49	2.6	4.4	2.68	1.9	3.5
5 – 9	2,688	2,405,073	3.13	2.5	3.7	1.92	1.4	2.4	1.20	0.9	1.5
10 – 14	2,638	2,560,398	1.85	1.4	2.3	1.28	0.9	1.7	0.58	0.3	0.8
15 – 19	2,291	2,637,731	1.89	1.4	2.4	1.27	0.9	1.7	0.62	0.3	0.9
20 – 24	1,928	2,855,563	1.97	1.5	2.5	0.98	0.6	1.3	0.99	0.6	1.3
25 – 29	2,176	2,786,512	3.25	2.3	4.2	1.72	0.9	2.5	1.53	0.9	2.2
30 – 34	2,096	2,632,559	2.46	1.7	3.2	1.41	0.8	2.1	1.05	0.7	1.4
35 – 39	1,915	2,079,243	2.52	2.0	3.1	1.19	0.8	1.6	1.33	0.9	1.7
40 – 44	1,797	1,856,873	2.76	2.0	3.5	1.47	0.8	2.1	1.30	0.8	1.8
45 – 49	1,869	1,678,359	3.86	1.3	6.4	1.48	1.0	2.0	2.38	0.0	4.8

Sociodemographic characteristics	Count[1]	Estimated Population[1]	Total			Government			Private		
			Mean visits	95% CI		Mean visits	95% CI		Mean visits	95% CI	
				Lower	Upper		Lower	Upper		Lower	Upper
MALAYSIA	**29,460**	**29,374,199**	**3.23**	**2.9**	**3.5**	**1.94**	**1.7**	**2.2**	**1.29**	**1.1**	**1.5**
50 – 54	1,897	1,511,733	3.70	2.6	4.8	2.35	1.7	3.0	1.34	0.5	2.2
55 – 59	1,682	1,265,426	3.85	2.9	4.8	2.86	2.0	3.8	0.99	0.6	1.3
60 – 64	1,345	939,645	4.10	3.2	5.0	3.11	2.3	3.9	0.98	0.6	1.4
65 – 69	1,015	696,121	4.37	3.0	5.7	3.64	2.4	4.9	0.73	0.2	1.3
70 – 74	685	404,497	6.66	4.6	8.8	4.61	2.8	6.5	2.05	1.1	2.9
75+	749	571,346	7.16	3.0	11.3	6.03	1.9	10.1	1.13	0.4	1.8
Ethnicity[1]											
Malay	18,879	15,420,248	3.18	2.9	3.5	1.96	1.7	2.2	1.22	1.0	1.4
Chinese	4,246	6,272,128	2.81	1.9	3.7	1.22	0.7	1.8	1.58	0.9	2.3
Indian	1,985	1,924,910	3.77	2.7	4.8	2.07	1.5	2.7	1.70	0.9	2.5
Bumiputera Sabah	1,414	1,536,771	5.43	4.3	6.6	4.34	3.2	5.5	1.09	0.6	1.6
Bumiputera Sarawak	776	1,303,404	5.00	3.1	6.9	3.40	2.3	4.6	1.60	0.2	2.9
Orang Asli	115	79,837	2.35	-0.2	4.9	1.81	-0.4	4.1	0.53	0.0	1.1
Others	2,025	2,816,005	2.09	1.4	2.7	1.32	0.7	1.9	0.77	0.5	1.0
Citizenship											
Malaysian	27,877	27,024,673	3.37	3.1	3.7	2.05	1.8	2.3	1.33	1.1	1.6
Non-Malaysia	1,570	2,328,647	1.55	0.9	2.2	0.69	0.2	1.2	0.86	0.5	1.2
Marital Status[2]											
Never Married	6,687	8,289,400	1.94	1.6	2.3	0.99	0.8	1.2	0.95	0.7	1.2
Married	13,860	13,223,924	3.49	3.0	4.0	2.14	1.8	2.5	1.35	1.0	1.7
Widow/Widower/Divorcee	1,941	1,404,922	4.60	3.5	5.7	3.49	2.5	4.5	1.12	0.7	1.5
Education level[2]											
No formal education	1,995	1,764,050	4.45	3.6	5.3	2.98	2.2	3.7	1.47	1.1	1.9
Primary	8,611	7,764,983	3.40	2.7	4.1	2.33	1.9	2.8	1.07	0.5	1.6
Secondary	10,354	10,697,971	2.57	2.2	2.9	1.63	1.3	1.9	0.94	0.7	1.1
Tertiary	4,403	5,284,861	2.88	2.4	3.4	1.06	0.8	1.3	1.82	1.3	2.3
Unclassified	1,043	1,049,952	1.85	1.3	2.4	1.15	0.8	1.5	0.70	0.3	1.1
Occupation[2]											
Government /Semi-government employee	2,195	1,925,403	3.34	2.7	4.0	2.23	1.6	2.8	1.11	0.7	1.5
Private employee	6,206	8,137,467	3.07	2.4	3.8	1.15	0.8	1.5	1.92	1.3	2.5
Self-employed	3,892	3,459,044	2.54	2.0	3.0	1.54	1.1	2.0	1.00	0.7	1.3
Unpaid worker/homemaker	3,352	2,913,046	3.64	2.7	4.6	3.00	2.1	3.9	0.64	0.4	0.8
Retiree	786	609,305	3.21	2.2	4.2	2.06	1.3	2.8	1.15	0.5	1.8
Unemployed	3,383	2,895,417	3.86	3.1	4.6	3.05	2.4	3.7	0.81	0.5	1.1
Student [3]	2,668	2,972,933	1.62	1.2	2.0	1.19	0.8	1.5	0.43	0.3	0.6

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Total			Government			Private		
			Mean visits	95% CI		Mean visits	95% CI		Mean visits	95% CI	
				Lower	Upper		Lower	Upper		Lower	Upper
MALAYSIA	**29,460**	**29,374,199**	**3.23**	**2.9**	**3.5**	**1.94**	**1.7**	**2.2**	**1.29**	**1.1**	**1.5**
Household Income Group (RM)											
Less than RM1,000	4,638	4,022,845	3.90	3.0	4.8	3.31	2.5	4.1	0.60	0.4	0.8
RM1,000 – RM1,999	5,450	4,893,737	3.35	2.7	4.0	2.47	1.9	3.1	0.88	0.5	1.3
RM2,000 – RM2,999	5,053	4,772,158	3.39	2.7	4.1	2.28	1.7	2.9	1.12	0.9	1.4
RM3,000 – RM3,999	3,743	3,820,024	3.55	2.4	4.7	1.72	1.3	2.1	1.84	0.7	3.0
RM4,000 – RM4,999	2,663	2,886,693	2.56	2.0	3.1	1.51	1.0	2.0	1.05	0.8	1.3
RM5,000 – RM5,999	2,041	2,270,320	3.16	2.3	4.0	1.44	1.0	1.9	1.71	1.0	2.4
RM6,000 – RM6,999	1,367	1,465,747	3.16	2.2	4.1	1.33	0.9	1.8	1.83	1.1	2.6
RM7,000 – RM7,999	1,143	1,206,321	3.25	1.7	4.8	1.12	0.6	1.6	2.13	0.6	3.7
RM8,000 – RM8,999	913	1,008,752	2.67	1.8	3.5	1.18	0.6	1.8	1.49	1.0	2.0
RM9,000– RM9,999	459	498,246	1.77	1.0	2.6	0.55	0.2	0.9	1.23	0.5	2.0
RM10,000 and above	1,990	2,529,355	2.46	1.8	3.1	0.66	0.4	0.9	1.80	1.2	2.4
Household Income Quintiles											
Q1 (Poorest 20%)	3,958	3,441,988	4.02	3.0	5.0	3.40	2.5	4.3	0.62	0.4	0.8
Q2	5,580	5,055,432	3.24	2.6	3.9	2.39	1.9	2.9	0.85	0.5	1.2
Q3	6,471	6,116,947	3.39	2.8	4.0	2.23	1.7	2.8	1.16	0.9	1.4
Q4	6,072	6,443,318	3.11	2.4	3.8	1.61	1.3	1.9	1.49	0.8	2.2
Q5 (Richest 20%)	7,379	8,316,516	2.86	2.4	3.3	1.09	0.9	1.3	1.77	1.4	2.1
Socioeconomic Quintiles (based on HCD 2011)											
Q1 (20% poorest)	6,111	21,712,338	3.70	2.77	4.63	2.60	2.00	3.19	1.10	0.38	1.82
Q2	6,636	19,084,207	3.24	2.73	3.75	2.35	1.96	2.74	0.89	0.56	1.21
Q3	6,049	20,525,749	3.50	2.91	4.09	2.14	1.67	2.61	1.36	1.01	1.71
Q4	5,806	17,313,280	2.94	2.51	3.37	1.46	1.16	1.76	1.48	1.16	1.80
Q5 (20% richest)	4,858	16,150,233	2.76	2.18	3.34	1.13	0.70	1.57	1.62	1.24	2.01

Notes:

1. [1]Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. [2]Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
3. [3]"Student" include those who aged >13 years old and not working.
4. % based on multiple responses i.e., some respondent might reported for more than one visit
5. 95% CI = 95% Confidence Interval

Table 3.6: Utilisation related to previous health problem(s) in the last 2 weeks.

Visit related to health problem	Count	Estimated Population	%	95% CI	
				Lower	Upper
TOTAL (Overall)	**2,811**	**2,651,475**	**100.00**	-	-
Yes	2,421	2,309,529	87.1	85.3	88.7
No	390	341,947	12.9	11.3	14.7

Table 3.7: Proportion of utilisation in the LAST 2 WEEKS by frequency of visit, travel time and distance and type of transport to out-patient healthcare facilities by sector.

Type of Facility / Characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Column %	95% CI		Count[1]	Estimated Population[2]	Column %	95% CI	
				Lower	Upper				Lower	Upper
TOTAL (Overall)	**1,817**	**1,591,772**	**60.0**	**57.0**	**63.0**	**1042**	**1,098,267**	**41.4**	**38.4**	**44.5**
Frequency of visit (times of visit to same facility)										
Once (1)	1,592	1,390,329	87.7	85.3	89.8	940	979,193	89.3	86.3	91.6
Twice (2)	102	86,413	5.5	4.3	6.9	54	67,512	6.2	4.4	8.5
More than twice (>2)	115	108,426	6.8	5.3	8.8	46	50,180	4.6	3.2	6.5
Travel time (minutes)										
< 30 minutes	1,332	1,168,609	81.1	77.8	84.0	741	802,617	84.1	80.9	86.8
30 - 60 minutes	269	242,959	16.9	14.1	20.0	155	128,293	13.4	10.9	16.4
> 60 minutes	31	29,737	2.1	1.2	3.6	23	23,654	2.5	1.4	4.2
Distance to facility (km)										
< 5km	693	636,996	42.9	38.8	47.1	386	446,303	43.2	38.2	48.3
5 - 10 km	591	473,467	31.9	28.3	35.7	337	354,701	34.3	30.2	38.7
> 10 km	440	375,373	25.3	21.9	29.0	270	232,530	22.5	19.3	26.0
Type of transport[3]										
Own car	1,205	1,073,088	40.5	37.6	43.4	839	879,338	33.2	30.3	36.2
Own motorcycle	443	349,830	13.2	11.4	15.2	131	145,517	5.5	4.4	6.8
Own bicycle	10	6,449	0.2	0.1	0.6	1	1,615	0.1	0.0	0.4
Own boat	9	11,816	0.4	0.1	2.0	1	1,279	0.0	0.0	0.3
Public transport	125	129,925	4.9	3.6	6.6	29	26,508	1.0	0.6	1.7
Walking	30	31,404	1.2	0.7	2.0	26	29,916	1.1	0.6	2.1
Ambulance	9	7,431	0.3	0.1	0.6	-	-	-	-	-
Others	77	61,814	2.3	1.7	3.2	84	81,111	3.1	2.3	4.0

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]The % corresponds to the number of respondent who answered YES for each type of of transport divided by the total number respondent in each type of transport. Therefore, adding all % for the various type of transport will not equal to 100%; Does not include "missing", "Don't know", "Refuse to Answer" & "Not Applicable".

Table 3.8: Mean frequency of visit, travel time and distance to out-patient healthcare facilities by sector, location and region in the LAST 2 WEEKS.

Type of Facility / Characteristics	Count	Estimated Population	Mean	SD	Median	IQR	95% CL	
							Lower	Upper
Frequency of visit (times)								
Total (Overall)	**2,799**	**2,640,172**	**1.38**	**1.80**	**1.47**	**1.0 - 1.0**	**1.3**	**1.5**
Sector						-		
Government facility	1,809	1,585,380	1.40	1.72	1.00	1.0 - 1.0	1.3	1.5
Private facility	1,040	1,097,139	1.37	1.88	1.00	1.0 - 1.0	1.2	1.5
Location								
Urban	1,519	1,913,961	1.36	1.68	1.00	1.0 - 1.0	1.2	1.5
Rural	1,280	726,136	1.43	2.08	1.00	1.0 - 1.0	1.3	1.6
Region								
Peninsular Malaysia	2,290	1,952,342	1.34	1.60	1.00	1.0 - 1.0	1.3	1.4
Sabah & WP Labuan	317	388,299	1.58	2.60	1.00	1.0 - 1.0	1.1	2.0
Sarawak	192	299,964	1.34	1.69	1.00	1.0 - 1.0	1.1	1.6
Travel time to facility (minutes)								
Total (Overall)	**2,507**	**2,361,146**	**20.58**	**77.57**	**15.00**	**10.0 - 20.0**	**17.6**	**23.6**
Sector								
Government facility	1,633	1,441,524	19.66	49.08	15.00	10.0 - 20.0	17.1	22.2
Private facility	921	957,628	24.32	118.80	15.00	10.0 - 20.0	17.3	31.3
Location								
Urban	1,359	1,703,921	16.71	23.34	10.00	8.0 - 20.0	15.2	18.3
Rural	1,148	656,439	30.65	141.80	15.00	10.0 - 30.0	20.6	40.7
Region								
Peninsular Malaysia	2,036	1,713,836	16.69	19.71	12.00	6.0 - 20.0	15.7	17.7
Sabah & WP Labuan	287	356,641	31.59	167.90	15.00	10.0 - 30.0	15.2	48.0
Sarawak	184	290,642	30.00	108.80	15.00	10.0 - 30.0	16.0	44.0
Distance to facility (km)								
Total (Overall)	**2,673**	**2,484,206**	**9.96**	**19.79**	**5.00**	**2.0 - 12.0**	**8.9**	**11.0**
Sector								
Government facility	1,724	1,485,806	9.80	17.40	5.00	2.0 - 11.0	8.6	11.0
Private facility	993	1,033,489	9.27	22.04	5.00	2.0 - 10.0	7.6	10.9
Location								
Urban	1,451	1,806,264	8.75	20.23	5.00	2.0 - 10.0	7.5	10.0
Rural	1,223	678,990	13.24	18.19	8.00	3.0 - 15.0	11.7	14.8
Region								
Peninsular Malaysia	2,237	1,904,064	9.42	19.22	5.00	2.0 - 10.0	8.4	10.5
Sabah & WP Labuan	303	371,624	12.01	25.03	7.00	3.0 - 15.0	8.3	15.7
Sarawak	134	209,615	11.48	13.01	5.00	2.0 - 20.0	7.4	15.6

Notes:

1. Any case with missing value was excluded from the analysis
2. SD=standard deviation, IQR=inter quartile range

Table 3.9: Travel time to out-patient healthcare facilities in the LAST 2 WEEKS.

State	Less than 30 minutes					Between 30-60 minutes					More than 60 minutes				
	Count[1]	Estimated population[2]	%	95%CI Lower	95%CI Upper	Count[1]	Estimated population[2]	%	95%CI Lower	95%CI Upper	Count[1]	Estimated population[2]	%	95%CI Lower	95%CI Upper
Overall	1,993	1,907,478	80.8	78.4	83.0	451	392,698	16.6	14.6	18.9	63	60,563	2.6	1.8	3.7
Travel time to out-patient healthcare facilities in URBAN location															
MALAYSIA	1,152	1,442,416	84.6	81.9	87.0	187	236,293	13.9	11.6	16.5	20	25,571	1.5	0.9	2.4
Johor	72	99,984	5.9	4.7	7.3	14	17,176	1.0	0.7	1.5	1	1,312	0.1	0.0	0.5
Kedah	65	85,026	5.0	3.6	6.9	6	5,453	0.3	0.1	0.8	1	350	0.0	0.0	0.1
Kelantan	78	65,773	3.9	2.8	5.2	10	9,528	0.6	0.3	1.0	-	-	-	-	-
Melaka	51	40,915	2.4	1.8	3.3	11	7,372	0.4	0.2	0.9	2	1,233	0.1	0.0	0.3
Negeri Sembilan	68	48,830	2.9	2.0	4.1	5	2,487	0.1	0.1	0.4	4	2,561	0.2	0.1	0.4
Pahang	51	46,784	2.7	2.0	3.8	6	5,220	0.3	0.1	0.8	1	1,190	0.1	0.0	0.5
Pulau Pinang	56	97,871	5.7	4.0	8.1	15	22,001	1.3	0.6	2.7	-	-	-	-	-
Perak	71	105,530	6.2	4.7	8.1	11	16,751	1.0	0.5	2.0	2	3,729	0.2	0.1	0.9
Perlis	79	12,770	0.7	0.5	1.1	5	703	0.0	0.0	0.1	-	-	-	-	-
Selangor	241	387,230	22.7	19.4	26.4	35	57,840	3.4	2.4	4.8	4	6,337	0.4	0.1	1.0
Terengganu	69	56,984	3.3	2.6	4.3	7	4,582	0.3	0.1	0.7	-	-	-	-	-
Sabah & WP Labuan	86	163,522	9.6	6.7	13.6	28	37,835	2.2	1.3	3.7	3	4,831	0.3	0.1	0.9
Sarawak	78	152,831	9.0	6.2	12.7	14	33,331	2.0	0.8	4.6	1	1,179	0.1	0.0	0.5
WP Kuala Lumpur	38	73,519	4.3	3.0	6.2	11	15,128	0.9	0.4	1.9	1	2,850	0.2	0.0	1.2
WP Putrajaya	49	4,848	0.3	0.2	0.4	9	887	0.1	0.0	0.1	-	-	-	-	-
Peninsular Malaysia	988	1,126,064	85.8	83.1	88.2	145	165,127	12.7	10.5	15.3	16	19,561	1.5	0.9	2.6
Travel time to out-patient healthcare facilities in RURAL locations															
MALAYSIA	841	465,062	70.8	65.9	75.3	264	156,405	23.8	19.9	28.2	43	34,993	5.3	3.2	8.8
Johor	42	35,923	87.4	77.7	93.2	6	4,301	10.5	5.2	19.8	1	880	2.1	0.3	14.6
Kedah	63	45,613	72.9	56.5	84.8	23	16,925	27.1	15.2	43.5	1	25	0.0	0.0	0.3
Kelantan	98	77,527	85.8	74.8	92.5	13	11,252	12.5	6.6	22.2	2	1,593	1.8	0.4	6.8
Melaka	49	2,935	67.1	48.6	81.5	18	1,188	27.2	16.8	40.8	2	251	5.7	1.2	23.7
Negeri Sembilan	80	22,365	90.6	83.7	94.8	7	1,813	7.3	3.5	14.6	2	497	2.0	0.5	7.7
Pahang	75	50,333	66.1	51.4	78.3	26	19,810	26.0	15.9	39.5	9	5,985	7.9	4.1	14.7
Pulau Pinang	64	6,411	75.4	59.9	86.3	23	1,976	23.2	12.7	38.7	1	118	1.4	0.2	10.0
Perak	34	15,774	61.2	43.0	76.7	15	10,011	38.8	23.3	57.0	-	-	-	-	-
Perlis	73	6,556	79.0	68.0	86.9	17	1,743	21.0	13.1	32.0	-	-	-	-	-
Selangor	42	20,198	80.5	67.6	89.1	12	4,642	18.5	10.2	31.1	1	250	1.0	0.1	7.1
Terengganu	67	28,103	78.7	64.4	88.3	20	7,391	20.7	11.2	35.1	1	230	0.6	0.1	4.6
Sabah & WP Labuan	103	96,248	64.0	54.2	72.6	57	45,629	30.3	22.7	39.2	10	8,614	5.7	2.4	13.1
Sarawak	51	57,074	55.2	36.6	72.5	27	29,724	28.8	15.7	46.6	13	16,550	16.0	5.8	37.0
WP KualaLumpur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WP Putrajaya	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peninsular Malaysia	687	311,739	77.4	72.5	81.7	180	81,053	20.1	16.2	24.8	20	9,828	2.4	1.5	3.9

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures

Table 3.10: Distance to out-patient healthcare facilities in the LAST 2 WEEKS

State	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				Lower	Upper				Lower	Upper				Lower	Upper
Overall	1,042	1,051,174	42.3	39.0	45.7	901	801,117	32.2	29.5	35.1	730	631,860	25.4	22.8	28.2
Distance to out-patient healthcare facilities in URBAN location															
MALAYSIA	**670**	**840,604**	**46.6**	**42.5**	**50.7**	**479**	**587,769**	**32.6**	**29.2**	**36.1**	**301**	**376,783**	**20.9**	**18.0**	**24.0**
Johor	37	51,139	2.8	2.0	4.1	40	59,060	3.3	2.3	4.7	26	33,698	1.9	1.2	3.0
Kedah	21	31,005	1.7	1.0	2.8	30	34,875	1.9	1.2	3.0	25	33,459	1.9	0.9	3.6
Kelantan	62	50,486	2.8	2.0	3.9	23	21,945	1.2	0.8	1.8	5	4,486	0.2	0.1	0.6
Melaka	18	15,618	0.9	0.4	1.7	37	28,848	1.6	1.1	2.3	29	20,626	1.1	0.7	1.8
Negeri Sembilan	33	23,157	1.3	0.6	2.6	23	16,064	0.9	0.6	1.4	22	15,191	0.8	0.5	1.5
Pahang	43	37,722	2.1	1.5	2.9	11	11,066	0.6	0.3	1.3	9	8,707	0.5	0.2	1.1
Pulau Pinang	32	58,242	3.2	2.0	5.2	28	43,985	2.4	1.5	3.8	13	18,455	1.0	0.6	1.9
Perak	34	61,869	3.4	2.0	5.7	36	50,007	2.8	1.9	3.9	21	25,335	1.4	0.8	2.5
Perlis	53	7,972	0.4	0.3	0.6	28	4,794	0.3	0.2	0.5	6	1,026	0.1	0.0	0.1
Selangor	153	235,897	13.1	10.3	16.4	104	171,002	9.5	7.5	11.9	65	109,851	6.1	4.6	8.0
Terengganu	42	35,055	1.9	1.5	2.5	25	19,271	1.1	0.6	2.0	11	8,987	0.5	0.3	0.9
Sabah & WP Labuan	60	108,849	6.0	3.9	9.3	38	67,544	3.7	2.2	6.4	24	35,947	2.0	1.3	3.1
Sarawak	31	62,275	3.4	2.1	5.5	22	36,825	2.0	1.2	3.3	12	32,193	1.8	0.8	3.9
WP Kuala Lumpur	28	59,215	3.3	2.2	4.8	11	20,159	1.1	0.4	3.0	16	27,093	1.5	0.8	2.7
WP Putrajaya	23	2,103	0.1	0.1	0.2	23	2,324	0.1	0.1	0.2	17	1,729	0.1	0.1	0.2
Peninsular Malaysia	578	665,430	45.5	41.1	49.9	420	487,420	33.3	29.7	37.1	266	309,838	21.2	18.2	24.5
Distance to out-patient healthcare facilities in RURAL locations															
MALAYSIA	**372**	**210,564**	**31.0**	**26.3**	**36.2**	**422**	**213,353**	**31.4**	**27.1**	**36.1**	**429**	**255,076**	**37.6**	**32.3**	**43.2**
Johor	28	23,372	44.5	26.3	64.4	20	18,131	34.5	19.4	53.5	14	11,009	21.0	10.2	38.2
Kedah	11	6,791	9.8	4.4	20.5	42	30,237	43.8	32.4	55.8	44	32,046	46.4	31.6	61.9
Kelantan	61	50,690	54.2	39.3	68.4	36	25,129	26.9	16.8	40.0	20	17,715	18.9	10.8	31.0
Melaka	18	972	18.4	9.8	31.9	32	2,102	39.8	25.7	55.8	32	2,211	41.8	27.7	57.5
Negeri Sembilan	18	4,888	19.9	11.6	32.1	44	11,885	48.4	34.1	63.0	27	7,782	31.7	20.2	45.9
Pahang	31	21,250	27.3	15.2	44.1	36	22,691	29.2	18.3	43.1	45	33,894	43.5	30.0	58.2
Pulau Pinang	40	3,978	41.4	28.7	55.3	30	3,021	31.4	19.6	46.3	30	2,613	27.2	17.0	40.5
Perak	8	3,531	12.1	4.1	31.0	28	13,802	47.3	30.1	65.3	20	11,835	40.6	23.3	60.5
Perlis	31	2,814	34.2	25.8	43.6	35	3,191	38.7	26.4	52.7	24	2,231	27.1	17.8	39.0
Selangor	29	12,088	35.1	24.4	47.5	34	16,538	48.0	35.5	60.7	14	5,823	16.9	10.0	27.2
Terengganu	39	16,675	44.9	31.6	58.9	19	7,871	21.2	12.5	33.6	33	12,615	33.9	22.1	48.3
Sabah & WP Labuan	31	31,382	19.7	12.4	30.0	61	53,891	33.9	22.6	47.4	89	73,886	46.4	33.0	60.4
Sarawak	27	32,134	41.0	22.5	62.4	5	4,863	6.2	1.3	24.6	37	41,417	52.8	30.4	74.1
WP Kuala Lumpur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WP Putrajaya	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peninsular Malaysia	314	147,048	33.3	28.0	-	356	154,599	35.0	30.4	40.0	303	139,774	31.7	26.7	37.1

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures

Table 3.11: Utilisation of out-patient healthcare among those who REPORTED ILL, in the LAST 2 WEEKS.

	Count[1]	Estimated Population[2]	(%)	95% CI	
				Lower	Upper
TOTAL (Overall)	7,145	7,211,912	100.0	-	-
Yes	2,535	2,413,055	33.5	31.7	35.3
No	4,610	4,798,857	66.5	64.7	68.3

Table 3.12: Prevalence of out-patient healthcare utilisation among those who REPORTED ILL in the LAST 2 WEEKS by Sociodemographic characteristics.

Sociodemographic characteristics	Count[1]	Estimated Population[2]	%	95%CI	
				Lower	Upper
MALAYSIA	**7,145**	**7,211,912**	**33.5**	**31.7**	**35.3**
State					
Johor	562	721,703	27.6	23.8	31.7
Kedah	419	433,275	34.0	27.9	40.8
Kelantan	579	491,609	27.8	22.0	34.5
Melaka	343	153,811	43.6	33.6	54.2
Negeri Sembilan	346	175,579	43.0	34.6	51.8
Pahang	374	294,039	40.8	35.1	46.7
Pulau Pinang	430	288,813	41.0	32.8	49.6
Perak	389	455,639	34.2	28.4	40.5
Perlis	364	49,444	41.5	35.9	47.4
Selangor	1,111	1,527,146	34.6	30.3	39.1
Terengganu	363	220,856	40.4	33.3	47.9
Sabah & WP Labuan	916	1,190,388	30.4	25.6	35.6
Sarawak	513	779,071	35.6	30.2	41.4
WP Kuala Lumpur	224	409,184	26.9	19.4	36.2
WP Putrajaya	212	21,354	28.3	22.0	35.6
Location					
Urban	3,948	5,217,651	33.6	31.4	35.8
Rural	3,197	1,994,261	33.1	30.5	35.9
Sex					
Male	3,290	3,603,578	32.2	29.8	34.7
Female	3,855	3,608,334	34.7	32.6	36.9
Age Group (Years)					
0–4	916	865,314	49.7	45.3	54.0
5–9	663	623,906	40.8	35.1	46.7
10–14	580	581,244	27.7	22.4	33.8
15–19	541	633,379	23.0	18.7	27.9
20–24	480	746,196	22.0	17.5	27.3
25–29	513	688,204	28.4	23.9	33.5
30–34	450	594,375	28.1	22.9	33.9
35–39	420	440,648	32.5	27.0	38.5
40–44	375	395,095	29.9	24.9	35.5
45–49	385	342,519	32.4	27.0	38.4
50–54	441	345,344	35.1	29.5	41.2
55–59	399	285,641	39.0	33.0	45.3
60–64	326	220,725	43.8	36.8	51.1
65–69	246	164,634	37.4	29.6	45.8
70–74	184	110,966	58.0	48.0	67.3
75+	226	173,720	39.0	31.5	47.1
Ethnicity[3]					
Malay	4,635	3,958,398	33.5	31.3	35.9
Chinese	746	1,121,212	32.3	28.2	36.8
Indian	456	452,172	41.2	35.1	47.5
Bumiputera Sabah	583	614,723	34.4	29.7	39.5
Bumiputera Sarawak	250	431,207	41.0	34.6	47.7
Orang Asli	19	10,830	35.6	19.9	55.0
Others	454	622,390	23.3	18.7	28.6

Sociodemographic characteristics	Count[1]	Estimated Population[2]	%	95%CI	
				Lower	Upper
MALAYSIA	**7,145**	**7,211,912**	**33.5**	**31.7**	**35.3**
Citizenship					
Malaysian	6,851	6,785,163	34.2	32.4	36.0
Non-Malaysian	294	426,749	22.3	17.1	28.7
Marital status[3]					
Never married	1,582	2,006,567	23.2	20.6	26.0
Married	3,149	3,015,043	33.4	31.1	35.7
Widow/Widower/Divorcee	499	356,262	41.9	36.2	47.9
Education level[3]					
No formal education	573	481,853	45.3	40.0	50.8
Primary	2,023	1,833,018	33.3	30.2	36.5
Secondary	2,251	2,411,406	28.3	25.9	30.8
Tertiary	1,082	1,332,662	29.2	26.0	32.7
Unclassified	234	225,934	29.0	21.6	37.6
Occupation[3]					
Government/Semi-government employee	563	555,024	29.1	24.6	34.0
Private employee	1,416	1,900,436	28.4	25.4	31.6
Self-employed	828	731,636	29.0	25.0	33.2
Unpaid worker/homemaker	751	631,593	37.9	33.4	42.6
Retiree	178	139,420	32.9	25.1	41.8
Unemployed	876	746,985	36.2	32.0	40.7
Student[4]	618	672,778	22.5	18.5	27.1
Household Income Group(RM)					
Less than RM1000	1,168	967,633	36.8	32.3	41.5
RM1000-RM1999	1,305	1,197,411	33.6	30.0	37.4
RM2000-RM2999	1,223	1,171,088	35.0	31.3	38.9
RM3000-RM3999	941	1,003,091	31.0	27.0	35.4
RM4000-RM4999	621	687,427	32.5	27.7	37.6
RM5000-RM5999	42	632,772	32.3	27.3	37.8
RM6000-RM6999	320	375,090	34.1	26.9	42.2
RM7000-RM7999	250	239,746	35.2	27.6	43.5
RM8000–RM8999	232	254,593	34.2	26.0	43.5
RM9000–RM10000	98	110,900	25.4	16.3	37.3
RM10000 and above	445	572,159	31.1	25.8	37.0
Household Income Quintiles					
Q1 (20% poorest)	973	799,259	37.4	32.6	42.4
Q2	1,366	1,271,546	33.6	29.9	37.5
Q3	1,568	1,481,966	34.8	31.4	38.3
Q4	1,469	1,634,381	32.1	28.9	35.4
Q5 (20% richest)	1,769	2,024,759	32.0	28.8	35.4
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (20% poorest)	1,575	1,547,291	32.6	29.2	36.1
Q2	1,752	1,584,298	32.7	29.5	36.1
Q3	1,440	1,463,622	34.6	31.1	38.3
Q4	1,344	1,398,849	33.0	29.4	36.8
Q5 (20% richest)	1,034	1,217,909	34.7	30.2	39.5

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 3.13: Proportion of out-patient healthcare utilisation among those who REPORTED ILL in the LAST 2 WEEKS by number of facilities visited.

Number of places visited	Count[1]	Estimated Population[2]	%	95% CI	
				Lower	Upper
TOTAL (Overall)	2,535	2,413,055	100.0	-	-
1 place	2,423	2,300,445	95.3	94.0	96.4
2 places	100	98,715	4.1	3.1	5.3
>2 places	11	13,604	0.6	0.3	1.2
Missing[3]	1	291	0.0	0.0	0.1

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Missing include those who "Don't Know"

Table 3.14: Proportion of out-patient healthcare utilisation among those who REPORTED ILL in the LAST 2 WEEKS by sociodemographic characteristic and by sector.

Sociodemographic characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Row %	95%CI		Count[1]	Estimated Population[2]	Row %	95%CI	
				Lower	Upper				Lower	Upper
MALAYSIA	1,591	1,405,424	58.2	55.0	61.4	991	1,046,070	43.4	40.0	46.7
State										
Johor	84	92,606	46.5	37.6	55.7	83	110,139	55.4	46.3	64.1
Kedah	100	100,210	67.9	56.3	76.2	56	52,814	35.8	26.9	45.8
Kelantan	128	107,504	78.6	68.5	86.1	37	29,852	21.8	14.3	31.9
Melaka	122	52,610	78.4	69.2	85.4	40	15,842	23.6	16.5	32.6
Negeri Sembilan	90	36,968	49.0	37.6	60.5	72	40,607	53.8	42.0	65.2
Pahang	100	71,413	59.5	47.5	70.5	59	51,865	43.2	32.7	54.5
Pulau Pinang	82	50,002	42.3	30.8	54.7	78	68,453	57.9	45.4	69.4
Perak	100	100,727	64.7	54.2	73.9	41	59,189	38.0	28.2	48.8
Perlis	99	12,516	61.0	51.6	69.6	63	8,613	41.9	33.4	51.0
Selangor	161	195,402	37.0	30.1	44.4	230	335,312	63.5	55.9	70.4
Terengganu	104	59,545	66.7	53.6	77.7	48	32,075	36.0	25.5	48.0
Sabah & WP Labuan	224	270,230	74.7	65.1	82.4	78	94,545	26.1	18.2	36.0
Sarawak	127	200,255	72.2	64.7	78.6	54	85,739	30.9	22.9	40.2
WP Kuala Lumpur	32	51,771	47.0	30.9	63.7	26	58,466	53.0	36.3	69.1
WP Putrajaya	38	3,666	60.7	50.6	69.9	26	2,558	42.3	33.1	52.1
Location										
Urban	748	931,394	53.2	49.0	57.3	648	845,142	48.2	44.1	52.4
Rural	843	474,031	71.7	67.3	75.8	343	200,928	30.4	26.2	35.0
Sex										
Male	690	664,760	57.3	52.6	61.9	454	511,280	44.1	39.4	48.9
Female	901	740,664	59.1	55.4	62.6	537	534,790	42.7	39.0	46.4
Age Group (Years)										
0-4	251	228,310	53.1	47.0	59.2	219	215,451	50.1	43.9	56.4
5-9	166	154,628	60.6	51.0	69.7	105	101,720	40.0	30.9	49.8
10-14	119	111,013	68.9	55.8	79.6	45	51,261	31.8	21.0	45.0
15-19	82	101,582	69.8	58.6	79.1	38	45,977	31.6	22.1	43.0
20-24	53	84,765	51.6	39.6	63.4	61	82,941	50.5	38.5	62.5
25-29	79	92,313	47.1	38.0	56.4	77	103,791	53.0	43.7	62.1
30-34	78	81,786	48.9	37.7	60.3	60	85,356	51.1	39.7	62.3
35-39	74	66,867	46.8	36.1	57.7	67	80,482	56.3	45.5	66.5
40-44	75	58,547	49.5	39.2	59.8	48	62,895	53.2	42.9	63.2
45-49	65	56,481	50.9	40.5	61.1	60	56,103	50.5	40.2	60.8

Sociodemographic characteristics	Government					Private				
	Count[1]	Estimated Population[1]	Row %	95%CI		Count[1]	Estimated Population[1]	Row %	95%CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**1,591**	**1,405,424**	**58.2**	**55.0**	**61.4**	**991**	**1,046,070**	**43.4**	**40.0**	**46.7**
50-54	118	80,243	66.2	56.6	74.6	51	43,160	35.6	27.1	45.1
55-59	115	73,290	65.8	55.4	74.9	50	39,452	35.4	26.3	45.8
60-64	103	71,776	74.2	63.8	82.4	34	26,244	27.1	18.8	37.5
65-69	76	47,899	77.9	65.5	86.7	27	12,712	20.7	12.2	32.8
70-74	67	44,101	68.5	56.3	78.6	29	21,613	33.6	23.2	45.9
75+	70	51,823	76.4	64.4	85.4	20	16,911	24.9	15.8	37.0
Ethnicity[3]										
Malay	1,035	781,162	58.9	54.7	62.9	631	570,527	43.0	38.9	47.2
Chinese	111	139,632	38.5	30.6	47.1	147	224,446	61.9	53.4	69.8
Indian	123	101,588	54.6	44.8	64.0	84	87,888	47.2	37.9	56.7
Bumiputera Sabah	170	167,252	79.1	70.0	86.1	46	49,059	23.2	15.9	32.5
Bumiputera Sarawak	73	135,118	76.5	65.8	84.6	26	47,904	27.1	17.0	40.4
Orang Asli	3	2,217	57.6	29.2	81.7	2	1,633	42.4	18.3	70.8
Others	75	78,056	53.9	41.2	66.1	55	64,613	44.6	32.6	57.3
Citizenship										
Malaysian	1,559	1,371,006	59.2	55.9	62.3	945	986,558	42.6	39.3	45.9
Non Malaysian	32	34,419	36.1	22.6	52.2	46	59,512	62.4	46.3	76.2
Marital status[3]										
Never married	225	251,034	54.0	47.4	60.5	166	224,061	48.2	41.7	54.8
Married	713	592,717	58.9	54.7	63.1	407	423,308	42.1	37.8	46.4
Widow/Widower/Divorcee	161	104,012	69.6	61.4	76.7	67	46,283	31.0	23.8	39.2
Education level[3]										
No formal education	171	133,113	60.9	53.0	68.3	97	89,492	41.0	33.5	48.8
Primary	536	433,144	71.0	65.5	75.9	187	184,921	30.3	25.3	35.8
Secondary	429	401,633	58.8	53.8	63.7	271	288,918	42.3	37.4	47.5
Tertiary	146	152,302	39.1	32.5	46.2	195	242,497	62.3	55.4	68.8
Unclassified	49	37,519	57.3	43.1	70.5	23	27,923	42.7	29.5	56.9
Occupation[2]										
Government/ Semi-Government employee	117	98,342	0.9	50.8	70.1	76	65,493	40.5	31.3	50.5
Private employee	189	192,969	35.8	30.3	41.7	264	351,786	65.3	59.5	70.6
Self-employed	166	129,123	60.9	52.0	69.2	85	87,772	41.4	33.0	50.4
Unpaid worker/homemaker	221	175,778	73.4	65.4	80.2	67	65,316	27.3	20.4	35.5
Retiree	42	30,497	66.4	50.2	79.5	22	16,664	36.3	22.8	52.3
Unemployed	262	211,031	78.0	71.5	83.3	80	62,689	23.2	17.6	29.8
Student[4]	102	110,024	72.6	62.0	81.1	46	43,932	29.0	20.2	39.7

Sociodemographic characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Row %	95%CI		Count[1]	Estimated Population[2]	Row %	95%CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**1,591**	**1,405,424**	**58.2**	**55.0**	**61.4**	**991**	**1,046,070**	**43.4**	**40.0**	**46.7**
Household Income Group(RM)										
Less than RM1000	339	280,906	78.9	72.1	84.5	91	78,438	22.0	16.3	29.1
RM1000-RM1999	359	307,990	76.5	70.4	81.6	122	100,542	25.0	19.7	31.2
RM2000-RM2999	321	260,427	63.5	57.3	69.4	162	160,670	39.2	33.3	45.4
RM3000-RM3999	181	171,941	55.2	47.7	62.5	135	146,557	47.1	39.8	54.4
RM4000-RM4999	114	118,238	53.0	42.8	62.9	101	107,712	48.3	38.4	58.3
RM5000-RM5999	91	90,874	44.4	35.7	53.4	91	114,903	56.1	47.1	64.8
RM6000-RM6999	48	48,204	37.7	26.0	51.0	64	85,269	66.7	53.6	77.6
RM7000-RM7999	41	40,527	48.1	32.1	64.4	46	43,814	51.9	35.6	67.9
RM8000–RM8999	39	37,227	42.8	30.2	56.3	49	51,104	58.7	45.0	71.2
RM9000–RM10000	12	7,747	27.5	12.4	50.4	21	20,430	72.5	49.6	87.6
RM10000 and above	46	41,343	23.2	15.9	32.7	109	136,632	76.8	67.3	84.1
Household Income Quintile										
Q1 (20% poorest)	282	231,667	77.6	69.8	83.8	76	69,974	23.4	17.0	31.3
Q2	382	332,147	77.8	72.0	82.7	122	101,211	23.7	18.7	29.6
Q3	389	324,716	63.0	57.5	68.2	215	201,748	39.2	33.9	44.7
Q4	280	276,602	52.8	46.4	59.1	225	257,143	49.1	42.7	55.5
Q5 (20% richest)	258	240,292	37.1	31.8	42.7	353	415,993	64.2	58.6	69.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	397	361,319	71.7	65.8	77	143	152,031	30.2	24.5	36.6
Q2	466	385,245	74.3	68.8	79.1	175	142,813	27.5	22.6	33.1
Q3	312	276,427	54.5	48.1	60.8	224	242,588	47.9	41.5	54.3
Q4	270	233,038	50.5	43.4	57.6	222	232,794	50.4	43.3	57.6
Q5 (20% richest)	146	149,413	35.4	26.8	45	227	275,865	65.3	55.5	73.9

Notes:

1. [1]Caution some cells have count less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >12 years old and not working
5. 95% CI = 95% Confidence Interval

Table 3.15: Proportion of utilisation among those who REPORTED ILL in the LAST 2 WEEKS by frequency of visit, travel time and distance and type of transport to out-patient healthcare facilities by sector.

Type of Facility / Characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Column %	95% CI		Count[1]	Estimated Population[2]	Column %	95% CI	
				Lower	Upper				Lower	Upper
TOTAL (Overall)	**1,591**	**1,405,424**	**58.2**	**55.0**	**61.4**	**991**	**1,046,070**	**43.4**	**40.1**	**46.7**
Frequency of visit (times)										
Once (1)	1,392	1,227,181	87.4	84.9	89.6	901	944,430	90.3	87.5	92.5
Twice (2)	95	84,290	6.0	4.7	7.6	51	64,441	6.2	4.4	8.6
More than twice (>2)	99	92,186	6.6	5.0	8.6	38	36,908	3.5	2.5	5.1
Travel time (minutes)										
< 30 minutes	1,128	1,004,979	79.4	75.9	82.5	683	745,382	82.0	78.5	85.0
30 - 60 minutes	259	226,671	17.9	14.9	21.4	165	138,888	15.3	12.5	18.5
> 60 minutes	37	33,486	2.6	1.7	4.0	25	24,817	2.7	1.6	4.6
Distance to facility (km)										
< 5km	609	565,489	43.1	38.7	47.7	376	436,591	44.3	39.2	49.5
5 - 10 km	515	421,375	32.1	28.3	36.2	321	337,332	34.2	30.0	38.7
> 10 km	385	324,258	24.7	21.2	28.7	247	212,412	21.5	18.2	25.2
Type of transport[3]										
Own car	1,057	948,316	39.3	36.3	42.4	803	838,937	34.8	31.7	38.0
Own motorcycle	380	303,428	12.6	10.8	14.6	122	136,856	5.8	4.6	7.2
Own bicycle	8	6,262	0.3	0.1	0.7	1	1,615	0.1	0.0	0.5
Own boat	9	11,816	0.5	0.1	2.2	1	1,279	0.1	0.0	0.4
Public transport	110	114,726	4.8	3.4	6.6	26	23,969	1.0	0.6	1.8
Walking	30	31,404	1.3	0.8	2.2	23	27,199	1.1	0.6	2.1
Ambulance	6	4,339	0.2	0.1	0.4	-	-	-	-	-
Others	75	60,535	2.5	1.8	3.4	82	80,508	3.3	2.5	4.4

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]The % corresponds to the number of respondent who answered YES for each type of transport divided by the total number respondent in each type of transport. Therefore, adding all % for the various type of transport will not equal to 100%; Does not include "missing", "Don't know", "Refuse to Answer" & "Not Applicable"

Table 3.16: Mean number of visit, travel time and distance to out-patient healthcare facility among those who REPORTED ILL in the LAST 2 WEEKS by sector

Type of Facility / Characteristics	Count	Estimated Population	Mean	SD	Median	(IQR)
Frequency of visit (times)						
Total (Overall)	2,527	2,408,240	1.32	1.52	1.00	1.0 - 1.0
Government facility	1,586	1,403,610	1.37	1.73	1.00	1.0 - 1.0
Private facility	990	1,046,071	1.20	1.11	1.00	1.0 - 1.0
Travel time to facility (minutes)						
Total (Overall)	2,251	2,136,222	20.65	81.36	15.00	10.0 - 20.0
Government facility	1,424	1,265,454	19.71	51.97	15.00	10.0 - 20.0
Private facility	873	909,256	24.42	121.90	15.00	7.0 - 20.0
Distance to facility (km)						
Total (Overall)	2,410	2,262,368	9.90	20.19	5.00	2.0 - 10.0
Government facility	1,509	1,311,083	9.77	17.58	5.00	2.0 - 10.0
Private facility	944	986,314	9.12	22.43	5.00	2.0 - 10.0

Notes:
1. Any case with missing value was excluded from the analysis
2. SD=standard deviation, IQR=inter quartile range

3.4.1 Utilisation of In-patient Healthcare Services

Table 3.17: Utilisation of in-patient healthcare services in the last 12 months

	Count	Estimated Population	%	95% CI	
				Lower	Upper
TOTAL (Overall)	29,460	29,374,199	100.00	-	-
Yes	2,274	2,239,221	7.6	7.1	8.1
No	27,162	27,100,418	92.3	91.7	92.8
Missing[1]	24	34,560	0.0	0.0	0.0

Notes:

1. 95% CI = 95% Confidence Interval
2. [1]Missing include those who answered "Don't know"

Table 3.18: Prevalence of in-patient healthcare utilisation by sociodemographic characteristic

Sociodemographic characteristics	Count[1]	Estimated Population[2]	%	95% CI	
				Lower	Upper
MALAYSIA	**29,460**	**29,374,199**	**7.6**	**7.1**	**8.1**
State					
Johor	2,570	3,394,757	7.1	5.8	8.6
Kedah	1,880	1,965,303	8.6	7.0	10.6
Kelantan	1,887	1,638,346	6.0	4.9	7.3
Melaka	1,730	831,413	8.8	6.5	11.6
Negeri Sembilan	1,834	1,001,411	9.9	7.8	12.4
Pahang	1,821	1,544,008	7.9	6.3	9.9
Pulau Pinang	1,878	1,639,875	7.6	5.7	10.1
Perak	1,976	2,350,208	8.3	6.4	10.6
Perlis	1,814	235,115	9.0	7.4	10.8
Selangor	4,117	5,828,179	8.5	7.3	9.9
Terengganu	1,865	1,111,064	6.2	4.9	7.6
Sabah/Labuan	2,610	3,478,103	7.5	6.2	9.1
Sarawak	1,769	2,575,779	5.7	4.2	7.7
WP Kuala Lumpur	906	1,694,681	7.0	5.0	9.9
WP Putrajaya	803	85,957	7.3	5.8	9.2
Location					
Urban	16,880	22,077,752	7.7	7.1	8.3
Rural	12,580	7,296,447	7.5	6.7	8.3
Sex					
Male	14,225	15,152,539	6.4	5.8	7.1
Female	15,235	14,221,660	8.9	8.2	9.6
Age Group (years)					
0 - 4	2,689	2,493,120	10.3	8.8	12.0
5-9	2,688	2,405,073	3.9	3.1	4.9
10-14	2,638	2,560,397	3.8	3.0	4.8
15 - 19	2,291	2,637,732	4.9	3.9	6.1
20 - 24	1,928	2,855,563	9.7	8.1	11.6
25 - 29	2,176	2,786,512	9.7	8.3	11.4
30 - 34	2,096	2,632,559	10.0	8.4	11.8
35 - 39	1,915	2,079,243	7.1	5.9	8.7
40 - 44	1,797	1,856,873	5.4	4.2	6.9
45 - 49	1,869	1,678,359	5.3	4.2	6.5
50 - 54	1,897	1,511,734	7.1	5.8	8.6
55 - 59	1,682	1,265,426	9.4	7.7	11.4
60 - 64	1345	939,645	8.2	6.3	10.6
65 - 69	1015	696,121	9.2	7.0	12.0
70 - 74	685	404,497	14.1	9.7	20.1
75+	749	571,346	16.3	12.9	20.4
Ethnicity[3]					
Malay	18,879	15,420,248	8.6	7.9	9.3
Chinese	4,246	6,272,128	5.6	4.7	6.6
Indian	1,985	1,924,910	9.9	8.1	12.0
Bumiputera Sabah	1,414	1,536,771	9.5	7.7	11.7
Bumiputera Sarawak	776	1,303,404	6.8	4.7	9.8
Orang Asli	115	79,837	6.1	2.3	15.0
Others	2,025	2,816,005	5.0	3.9	6.3

Sociodemographic characteristics	Count[1]	Estimated Population[2]	%	95% CI	
				Lower	Upper
MALAYSIA	**29,460**	**29,374,199**	**7.6**	**7.1**	**8.1**
Citizenship[3]					
Malaysian	27,877	27,024,676	7.9	7.4	8.4
Non-Malaysia	1,570	2,328,646	4.5	3.3	6.0
Marital status[3]					
Never Married	6687	8289402	4.7	3.3	5.5
Married	13,860	13,223,924	10.0	9.2	10.8
Widow/Widower/Divorce	1,941	1,404,922	8.8	4.0	10.8
Education level[3]					
No formal education	1,995	1,764,050	8.3	6.8	10.0
Primary	8,611	7,764,982	6.5	5.8	7.4
Secondary	10,354	10,697,969	6.9	6.3	7.7
Tertiary	4,403	5,284,860	10.5	9.4	11.8
Unclassified	1,043	1,049,952	3.9	2.6	5.9
Occupation[3]					
Government/ Semi-government employee	2,195	1,925,403	10.3	8.8	12.1
Private employee	6,204	8,134,770	6.2	5.5	7.1
Self employed	3,892	3,459,043	5.7	4.8	6.6
Unpaid worker/homemaker	3,351	2,911,868	13.2	11.6	15.0
Retiree	786	609,305	10.6	8.1	13.9
Unemployed	3,379	2,890,136	12.2	10.5	14.2
Student[4]	2,668	2,972,934	4.3	3.3	5.6
Household Income Group (RM)					
Less than RM1,000	4,638	4,022,845	8.4	7.2	9.7
RM1,000– RM1,999	5450	4,893,738	7.3	6.4	8.4
RM2,000 – RM2,999	5,053	4,772,159	7.8	6.9	8.9
RM3,000 – RM3,999	3,743	3,820,023	7.6	6.5	9.0
RM4,000 – RM4,999	2,663	2,886,693	8.1	6.8	9.7
RM5,000 – RM5,999	2,041	2,270,320	6.7	5.4	8.3
RM6,000 – RM6,999	1,367	1,465,746	7.0	5.4	9.0
RM7,000 – RM7,999	1,143	1,206,321	6.4	4.7	8.6
RM8,000 - RM8,999	913	1,008,752	8.3	6.0	11.4
RM9,000 - RM9,999	459	498,246	6.2	3.9	9.7
RM10,000 and above	1,990	2,529,356	7.9	6.4	9.7
Household Income Quintiles					
Q1 (Poorest 20%)	3,958	3,441,988	8.4	7.1	9.8
Q2	5,580	5,055,432	7.5	6.5	8.6
Q3	6,471	6,116,947	7.8	6.9	8.9
Q4	6,072	6,443,317	7.7	6.8	8.7
Q5 (Richest 20%)	7,379	8,316,515	7.2	6.4	8.1
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (Poorest 20%)	6,111	5,875,548	7.4	6.5	8.4
Q2	6,636	5,894,597	8.5	7.5	9.7
Q3	6,049	5,858,449	7.0	6.2	8.0
Q4	5,806	5,888,170	7.6	6.6	8.6
Q5 (Richest 20%)	4,858	5,857,672	7.6	6.6	8.8

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 3.19: Total number of in-patient healthcare facilities utilised

Number of places visited	Count[1]	Estimated Population[2]	%	95% CI	
				Lower	Upper
TOTAL (Overall)	2,274	2,239,221	100.0	-	-
1 place	2,166	2,134,442	95.3	94.1	96.3
2 places	93	88,358	3.9	3.1	5.0
>2 places	13	14,897	0.7	0.3	1.4
Missing[3]	2	1,523	0.1	0.0	0.3

Notes:

1. Some cells have respondent count < 30. Results should be interpreted with caution
2. Due to rounding some totals may not correspond with the sum of the separate figures
3. Missing include those who answered "Don't know"

Table 3.20: Utilisation of in-patient healthcare services sociodemographic characteristic and by sector

Sociodemographic characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Row %	95% CI		Count[1]	Estimated Population[2]	Row %	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**2,434**	**2,279,535**	**76.7**	**73.5**	**79.6**	**590**	**691,237**	**23.3**	**20.4**	**26.5**
State										
Johor	200	243,765	74.1	63.6	82.4	57	85,303	25.9	17.6	36.4
Kedah	185	206,103	84.6	72.2	92	28	37,658	15.4	8.0	27.8
Kelantan	124	103,609	91.1	81.9	95.9	11	10,061	8.9	4.1	18.1
Melaka	152	69,087	78.0	66.0	86.7	31	19,430	22.0	13.3	34.0
Negeri Sembilan	115	58,156	51.4	39.5	63.1	75	55,046	48.6	36.9	60.5
Pahang	206	128,289	81.5	70.6	89.0	31	29,177	18.5	11.0	29.4
Pulau Pinang	117	86,919	57.2	40.2	72.6	71	65,093	42.8	27.4	59.8
Perak	161	160,642	67.5	54.9	78.0	46	77,346	32.5	22.0	45.1
Perlis	173	23,030	85.9	73.2	93.2	27	3,774	14.1	6.8	26.8
Selangor	292	448,437	65.7	57.3	73.3	153	233,788	34.3	26.7	42.7
Terengganu	167	113,029	95.9	87.4	98.7	9	4,862	4.1	1.3	12.6
Sabah/Labuan	294	359,693	95.7	90.5	98.1	7	16,109	4.3	1.9	9.5
Sarawak	135	171,929	93.4	86.7	96.8	10	12,170	6.6	3.2	13.3
WP Kuala Lumpur	58	101,351	71.8	52.2	85.5	18	39,873	28.2	14.5	47.8
WP Putrajaya	55	5,496	78.0	68.3	85.4	16	1,547	22.0	14.6	31.7
Location										
Urban	1,275	1,591,503	71.2	67.0	75.0	461	644,890	28.8	25.0	33.0
Rural	1,159	688,032	93.7	91.4	95.4	129	46,347	6.3	4.6	8.6
Sex										
Male	1,037	1,000,940	76.8	72.6	80.5	260	301,905	23.2	19.5	27.4
Female	1,397	1,278,595	76.7	72.6	80.3	330	389,332	23.3	19.7	27.4
Age group (years)										
0 – 4	297	289,986	86.1	80.4	90.4	53	46,645	13.9	9.6	19.6
5 – 9	99	84,125	71.7	56.8	83.0	29	33,143	28.3	17.0	43.2
10 – 14	96	93,859	74.7	60.8	84.9	23	31,855	25.3	15.1	39.2
15 – 19	109	140,325	79.8	65.6	89.1	27	35,544	20.2	10.9	34.4
20 – 24	186	266,570	79.7	70.2	86.7	36	67,981	20.3	13.3	29.8
25 – 29	255	276,855	79.1	70.2	85.8	59	73,226	20.9	14.2	29.8
30 – 34	209	237,672	72.1	62.7	79.9	56	91,949	27.9	20.1	37.3
35 – 39	122	104,205	62.2	50.8	72.5	54	63,255	37.8	27.5	49.2
40 – 44	111	91,209	62.1	47.9	74.5	43	55,623	37.9	25.5	52.1
45 – 49	103	71,756	59.4	46.8	70.9	57	49,004	40.6	29.1	53.2

Sociodemographic characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Row %	95% CI		Count[1]	Estimated Population[2]	Row %	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**2,434**	**2,279,535**	**76.7**	**73.5**	**79.6**	**590**	**691,237**	**23.3**	**20.4**	**26.5**
50 – 54	138	91,797	70.8	58.3	80.8	38	37,916	29.2	19.2	41.7
55 – 59	165	141,624	75.8	63.2	85.1	41	45,149	24.2	14.9	36.8
60 – 64	185	93,356	81.9	69.1	90.1	20	20,679	18.1	9.9	30.9
65 – 69	125	84,263	86.5	75.8	92.9	21	13,143	13.5	7.1	24.2
70 – 74	100	86,781	90.3	78.0	96.0	16	9,362	9.7	4.0	22.0
75+	134	125,152	88.2	79.4	93.5	17	16,763	11.8	6.5	20.6
Ethnicity[4]										
Malay	1,635	1,404,020	79.8	75.8	83.2	357	355,655	20.2	16.8	24.2
Chinese	211	233,497	52.3	43.3	61.1	138	213,214	47.7	38.9	56.7
Indian	157	148,596	61.1	49.4	71.7	79	94,518	38.9	28.3	50.6
Bumiputera Sabah	212	215,827	98.6	94.6	99.6	2	3,113	1.4	0.4	5.4
Bumiputera Sarawak	73	103,893	98.0	91.7	99.5	2	2,139	2.0	0.5	8.3
Orang Asli	9	4,863	100.0	-	-	0	0	0.0	-	-
Others	137	168,839	88.2	77.8	94.1	12	22,598	11.8	5.9	22.2
Citizenship										
Malaysian	2,365	2,166,689	76.3	73.0	79.3	580	671,812	23.7	20.7	27.0
Non-Malaysia	69	112,846	85.3	70.8	93.3	10	19,425	14.7	6.7	29.2
Marital status[5]										
Never Married	321	385,647	74.0	64.9	81.4	85	135,354	26.0	18.6	35.1
Married	1,468	1,317,599	75.2	71.4	78.7	380	434,133	24.8	21.3	28.6
Widow/Widower/Divorcee	191	148,320	85.2	73.9	92.1	32	25,805	14.8	7.9	26.1
Education level[6]										
No formal education	258	196,455	92.2	86.2	95.7	22	16,697	7.8	4.3	13.8
Primary	691	579,569	82.9	77.6	87.0	111	119,968	17.1	13.0	22.4
Secondary	777	754,676	78.9	74.2	83.0	174	201,492	21.1	17.0	25.8
Tertiary	377	406,236	57.4	50.4	64.1	224	301,322	42.6	35.9	49.6
Unclassified	48	60,201	93.8	82.6	98.0	6	3,966	6.2	2.0	17.4
Occupation[7]										
Government /Semi-government employee	188	176,747	72.5	62.6	80.6	56	67,035	27.5	19.4	37.4
Private employee	317	354,137	58.3	51.5	64.8	186	253,212	41.7	35.2	48.5
Self-employed	224	173,302	74.1	65.4	81.3	56	60,530	25.9	18.7	34.6
Unpaid worker/homemaker	461	428,707	87.9	82.9	91.6	60	59,214	12.1	8.4	17.1
Retiree	90	63,505	77.2	65.4	85.8	24	18,805	22.8	14.2	34.6
Unemployed	516	450,456	89.2	82.9	93.3	50	54,610	10.8	6.7	17.1
Student[8]	86	107,734	68.7	52.8	81.2	35	48,981	31.3	18.8	47.2

Sociodemographic characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Row %	95% CI		Count[1]	Estimated Population[2]	Row %	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**2,434**	**2,279,535**	**76.7**	**73.5**	**79.6**	**590**	**691,237**	**23.3**	**20.4**	**26.5**
Household Income group (RM)										
Less than RM1,000	416	372,146	91.8	87.0	94.9	53	56,372	13.2	9.2	18.5
RM1,000 – RM1,999	591	464,918	88.9	83.4	92.7	44	41,634	8.2	5.1	13.0
RM2,000 – RM2,999	469	441,782	78.0	68.0	85.5	50	55,331	11.1	7.3	16.6
RM3,000 – RM3,999	302	313,626	70.7	60.7	79.0	74	88,346	22.0	14.5	32.0
RM4,000 – RM4,999	188	202,712	70.0	58.4	79.6	83	83,955	29.3	21.0	39.3
RM5,000 – RM5,999	135	142,681	65.9	50.5	78.5	48	61,105	30.0	20.4	41.6
RM6,000 – RM6,999	88	89,068	53.3	39.3	66.9	34	46,131	34.1	21.5	49.5
RM7,000 – RM7,999	63	52,631	59.3	39.8	76.3	41	46,039	46.7	33.1	60.7
RM8,000 – RM8,999	69	71,146	52.3	29.6	74.0	37	48,784	40.7	23.7	60.2
RM9,000 – RM9,999	17	17,417	43.0	29.7	57.4	16	15,888	47.7	26.0	70.4
RM10,000 and above	96	111,408	85.7	79.7	90.1	110	147,652	57.0	42.6	70.3
Household Income Quintiles										
Q1 (Poorest 20%)	359	320,520	91.9	87.3	95.0	51	53,580	14.3	9.9	20.3
Q2	599	485,121	84.3	77.8	89.2	41	42,607	8.1	5.0	12.7
Q3	563	516,860	76.4	70.0	81.7	75	96,082	15.7	10.8	22.2
Q4	465	503,821	56.9	49.4	64.1	154	155,898	23.6	18.3	30.0
Q5 (Richest 20%)	448	453,213	93.5	89.9	95.9	269	343,070	43.1	35.9	50.6
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (Poorest 20%)	563	498,959	90.0	84.8	93.5	32	34,528	6.5	4.1	10.1
Q2	652	590,218	84.2	79.2	88.3	58	65,748	10.0	6.5	15.2
Q3	487	440,975	71.1	64.4	76.9	81	82,463	15.8	11.7	20.8
Q4	422	419,278	42.2	34.1	50.6	164	170,728	28.9	23.1	35.6
Q5 (Richest 20%)	196	218,361	42.2	34.1	50.6	220	299,607	57.8	49.4	65.9

Notes:

1. [1]Caution some cell have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 3.21: Proportion of utilisation by number of admission, length of stay, travel time and distance and type of transport to in-patient healthcare facilities by sector

Type of Facility / Characteristics	Government					Private				
	Count[1]	Estimated Population[2]	Column %	95% CI		Count[1]	Estimated Population[2]	Column %	95% CI	
				Lower	Upper				Lower	Upper
TOTAL (Overall)	**1,810**	**1,686,744**	**75.3**	**72.2**	**78.2**	**488**	**578,143**	**25.8**	**22.9**	**29.0**
Frequency of admission (times)										
Once (1)	1,544	1,423,907	84.5	81.9	86.8	423	505,925	87.8	83.9	90.9
Twice (2)	145	140,212	8.3	6.7	10.3	38	42,932	7.5	5.0	10.9
More than twice (>2)	119	121,458	7.2	5.7	9.1	25	27,144	4.7	3.0	7.3
Length of stay (days)										
≤ 4 days	1,162	1,098,853	65.3	62.0	68.4	303	377,278	66.1	61.1	70.7
5 - 7 days	381	340,435	20.2	17.8	22.9	119	134,680	23.6	19.5	28.3
> 7 days	263	243,884	14.5	12.4	16.9	58	58,961	10.3	7.6	13.9
Travel time (minutes)										
< 30 minutes	797	752,282	49.4	45.4	53.4	204	290,346	57.3	50.6	63.8
30 - 60 minutes	658	587,229	38.6	34.9	42.3	183	164,630	32.5	26.6	39.1
> 60 minutes	194	183,548	12.1	9.7	14.9	51	51,451	10.2	7.2	14.2
Distance to facility (km)										
< 5km	246	268,170	17.5	14.4	21.0	69	104,969	19.3	14.6	25.1
5 - 10 km	452	428,578	27.9	24.5	31.6	104	152,614	28.1	22.3	34.6
> 10 km	971	838,269	54.6	50.2	58.9	280	286,485	52.7	45.4	59.8
Type of transport										
Own car	1,413	1,309,584	58.5	55.3	61.6	459	546,216	24.4	21.5	27.5
Own motorcycle	105	92,583	4.1	3.2	5.4	8	9,252	0.4	0.2	0.9
Own bicycle	2	165	0.0	0.0	0.0	0	0	0.0	-	-
Own boat	10	11,519	0.5	0.1	1.9	0	0	0.0	-	-
Public transport	123	138,645	6.2	4.8	8.0	8	10,809	0.5	0.2	1.1
Walking	8	9,036	0.4	0.2	0.9	1	1,219	0.1	0.0	0.4
Ambulance	143	124,506	5.6	4.5	6.9	9	7,530	0.3	0.1	0.8
Others	62	49,697	2.2	1.5	3.2	8	9,252	0.3	0.1	0.7

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of seperate figures
3. [3]The % corresponds to the number of respondent who answered YES for each type of of transport divided by the total number respondent in each type of transport. Therefore, adding all % for the various type of transport will not equal to 100%, Does not include "missing", "Don't know", "Refuse to Answer" & "Not Applicable".

Table 3.22: Mean number of admission, length of stay, travel time and distance to in-patient healthcare facilities by sector, location and region

Type of Facility / Characteristics	Count	Estimated Population	Mean	SD	Median	IQR	95% CI	
							Lower	Upper
Frequency of admissions (times)								
Total (Overall)	**2,269**	**2,234,723**	**1.33**	**1.30**	**1.00**	**1.00 - 1.00**	**1.27**	**1.39**
Sector								
Government facility	1,808	1,685,577	1.35	1.44	1.00	1.00 - 1.00	1.27	1.43
Private facility	488	578,143	2.07	0.37	2.00	2.00 - 2.00	2.03	2.11
Location								
Urban	1,302	1,690,314	1.32	1.22	1.00	1.00 - 1.00	1.25	1.39
Rural	967	544,409	1.35	1.52	1.00	1.00 - 1.00	1.22	1.47
Region								
Peninsular Malaysia	1,973	1,830,591	1.32	1.34	1.00	1.00 - 1.00	1.25	1.38
Sabah/Labuan	194	259,407	1.44	1.21	1.00	1.00 - 1.00	1.22	1.67
Sarawak	102	144,725	1.27	0.85	1.00	1.00 - 1.00	1.12	1.42
Length of stay (days)								
Total (Overall)	**2,251**	**2,218,434**	**5.98**	**11.61**	**3.00**	**6.00 - 2.00**	**5.37**	**6.60**
Sector								
Government facility	1,789	1,667,616	6.22	12.39	3.00	6.00 - 2.00	5.46	6.98
Private facility	485	574,870	5.041	8.571	4	5.00 - 2.00	4.19	5.89
Location								
Urban	1,290	1,678,558	5.89	10.80	3.00	6.00 - 2.00	5.25	6.53
Rural	961	539,876	6.27	13.83	3.00	5.85 - 2.00	4.73	7.82
Region								
Peninsular Malaysia	1,957	1,817,326	5.77	10.16	3.00	6.00 - 2.00	5.22	6.32
Sabah/Labuan	193	257,214	7.39	16.86	3.00	7.00 - 2.00	4.06	10.73
Sarawak	101	143,894	6.12	16.37	3.00	5.00 - 1.00	2.94	9.30

Type of Facility / Characteristics	Count	Estimated Population	Mean	SD	Median	IQR	95% CI	
							Lower	Upper
Travel time to facility (minutes)								
Total (Overall)	**2,066**	**2,004,960**	**41.15**	**80.88**	**25.00**	**40 - 15.00**	**34.94**	**53.23**
Sector								
Government facility	1,650	1,524,334	44.09	90.64	30.00	40.00 - 15.00	34.94	53.23
Private facility	439	506,762	33.94	37.27	25.00	35.00 - 15.00	30.02	37.87
Location								
Urban	1,179	1,502,646	31.01	38.34	20.00	30.00 - 15.00	28.27	33.75
Rural	887	502,314	71.46	143.20	35.00	80.00 - 20.00	46.30	96.62
Region								
Peninsular Malaysia	1,799	1,644,401	34.33	42.82	25.00	30.00 - 15.00	31.68	36.98
Sabah/Labuan	177	238,547	45.36	51.73	30.00	45.00 - 15	34.58	56.14
Sarawak	90	122,013	124.8	265.8	60	120.00 - 30.00	28.39	221.19
Distance to facility (km)								
Total (Overall)	**2,111**	**2,068,625**	**23.48**	**35.64**	**13.00**	**25.00 - 5.00**	**20.91**	**30.52**
Sector								
Government facility	1,678	1,545,704	26.91	56.15	15.00	25.00 - 5.20	20.76	33.06
Private facility	456	547,098	23.48	35.64	13.00	25.00 - 6.00	19.79	27.16
Location								
Urban	1,238	1,594,248	19.62	35.50	10.00	20.00 - 5.00	17.36	21.88
Rural	873	474,378	46.18	81.89	25.00	45.00 - 10.00	28.04	64.32
Region								
Peninsular Malaysia	1,864	1,731,531	23.30	40.08	15.00	25.00 - 5.00	21.02	25.58
Sabah/Labuan	185	248,953	22.44	30.60	12.00	20.00 - 6.00	16.05	28.84
Sarawak	62	88,142	82.36	156.90	25.00	75.00 - 5.00	0.00	172.48

Notes:

1. Any case with missing value was excluded from the analysis
2. SD=standard deviation, IQR=inter quartile range

Table 3.23: Travel time to in-patient healthcare facilities by location (urban & rural)

State	30 minutes or less					Between 31 to 60 minutes				
	Count[1]	Estimated Population[2]	% (Percentage)	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	% (Percentage)	95% CI Lower	95% CI Upper
Travel time to in-patient healthcare facilities in URBAN locations										
MALAYSIA	**703**	**886,830**	**59.0**	**54.8**	**63.1**	**389**	**514,271**	**34.2**	**30.5**	**38.2**
Johor	69	107,809	67.3	55.0	77.6	27	42,298	26.4	16.5	39.5
Kedah	44	61,020	54.4	34.4	73.1	31	38,866	34.7	21.2	51.1
Kelantan	22	19,185	52.1	34.1	69.6	16	15,618	42.4	23.6	63.8
Melaka	32	27,375	47.7	31.5	64.4	32	25,251	44.0	29.4	59.8
Negeri Sembilan	55	51,646	67.7	53.8	79.1	29	20,709	27.2	17.7	39.3
Pahang	27	29,583	49.5	33.4	65.6	23	23,947	40.0	25.8	56.2
Pulau Pinang	37	70,108	64.5	48.5	77.9	17	32,268	29.7	18.1	44.7
Perak	59	95,269	63.9	44.5	79.6	20	41,765	28.0	14.3	47.5
Perlis	67	10,954	78.4	66.1	87.0	16	2,623	18.8	10.4	31.4
Selangor	132	232,322	56.2	48.5	63.7	87	149,528	36.2	29.6	43.4
Terengganu	29	24,130	62.6	40.8	80.2	16	12,061	31.3	16.1	51.8
Sabah/Labuan	43	75,095	51.9	40.2	63.4	35	63,800	44.1	31.9	57.0
Sarawak	11	20,148	57.5	31.9	79.6	9	11,936	34.1	12.9	64.4
WP Kuala Lumpur	32	57,769	63.5	49.5	75.5	18	32,263	35.5	24.1	48.8
WP Putrajaya	44	4,418	75.3	59.2	86.5	13	1,339	22.8	11.9	39.2
Peninsular Malaysia	649	791,587	59.8	55.3	64.3	345	438535	33.2	29.2	37.3
Travel time to in-patient healthcare facilities in RURAL locations										
MALAYSIA	**288**	**141,458**	**28.2**	**23.2**	**33.7**	**441**	**227,402**	**45.3**	**39.3**	**51.4**
Johor	16	12,144	30.1	16.1	49.2	27	21,106	52.3	36.5	67.7
Kedah	16	14,475	28.8	14.8	48.4	41	31,981	63.5	44.0	79.4
Kelantan	37	29,393	51.7	32.5	70.4	31	24,249	42.7	23.8	63.9
Melaka	20	1,172	27.7	17.6	40.7	36	2,771	65.4	51.3	77.2
Negeri Sembilan	21	7,005	32.6	22.5	44.6	42	12,429	57.8	42.2	72.1
Pahang	11	6,285	11.4	5.4	22.1	54	33,795	61.1	48.6	72.3
Pulau Pinang	25	2,507	32.2	20.0	47.4	54	5,093	65.4	51.0	77.5
Perak	27	16,018	47.5	34.6	60.7	21	10,655	31.6	18.4	48.6
Perlis	45	3,978	66.3	52.9	77.6	18	1,760	29.3	17.9	44.1
Selangor	17	7,236	40.5	23.0	60.8	23	8,137	45.5	27.0	65.3
Terengganu	20	8,252	29.9	20.7	41.1	35	14,554	52.7	34.2	70.5
Sabah/Labuan	25	25,476	27.2	14.6	44.9	38	35,218	37.5	24.5	52.7
Sarawak	8	7,518	8.6	3.0	22.0	21	25,656	29.5	14.9	49.9
WP Kuala Lumpur	-	-	-	-	-	-	-	-	-	-
WP Putrajaya	-	-	-	-	-	-	-	-	-	-
Peninsular Malaysia	255	108,464	33.7	28.2	39.8	382	166,529	51.8	45.5	58.1

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures

Table 3.23: Travel time to in-patient healthcare facilities by location (urban & rural) (con't)

State	More than 1 hour				
	Count[1]	Estimated Population[2]	%	95% CI	
				Lower	Upper
Travel time to in-patient healthcare facilities in URBAN locations					
MALAYSIA	87	101,545	6.8	5.2	8.8
Johor	7	10,081	6.3	2.9	12.8
Kedah	9	12,195	10.9	3.9	26.6
Kelantan	2	2,023	5.5	0.8	28.7
Melaka	6	4,733	8.3	3.6	17.6
Negeri Sembilan	6	3,886	5.1	2.3	10.9
Pahang	7	6,286	10.5	3.9	25.2
Pulau Pinang	5	6,288	5.8	2.1	14.5
Perak	8	12,114	8.1	3.4	17.9
Perlis	4	401	2.9	0.8	9.5
Selangor	20	31,318	7.6	4.7	11.8
Terengganu	3	2,360	6.1	1.4	22.6
Sabah/Labuan	5	5,855	4.0	1.1	13.5
Sarawak	3	2,958	8.4	2.9	21.6
WP Kuala Lumpur	1	933	1.0	0.1	7.3
WP Putrajaya	1	113	1.9	0.2	13.1
Peninsular Malaysia	79	92,732	7.0	5.3	9.2
Travel time to in-patient healthcare facilities in RURAL locations					
MALAYSIA	158	133,453	26.6	21.2	32.7
Johor	9	7,095	17.6	6.6	38.8
Kedah	6	3,888	7.7	3.6	15.6
Kelantan	4	3,186	5.6	2.1	14.0
Melaka	3	293	6.9	1.7	23.4
Negeri Sembilan	7	2,053	9.6	3.6	22.6
Pahang	26	15,227	27.5	17.0	41.3
Pulau Pinang	2	185	2.4	0.5	9.2
Perak	14	7,065	20.9	12.1	33.7
Perlis	3	259	4.3	1.1	14.6
Selangor	5	2,497	14.0	6.3	28.0
Terengganu	10	4,808	17.4	6.0	41.0
Sabah/Labuan	31	33,102	35.3	24.3	48.1
Sarawak	38	53,796	61.9	41.6	78.7
WP Kuala Lumpur	-	-	-	-	-
WP Putrajaya	-	-	-	-	-
Peninsular Malaysia	89	46,555	14.5	11.0	18.8

Notes:
1 Caution: some cells have counts less than 30. Results should be interpreted with caution
2 Due to rounding, some totals may not correspond with the sum of separate figures

Table 3.24: Distance (km) to in-patient healthcare facilities by location (urban & rural)

State	Less than 5km					Between 5-10km					More than 10km				
	Count[1]	Estimated Population[2]	%	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	%	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	%	95% CI Lower	95% CI Upper
Distance to in-patient healthcare facilities in URBAN locations															
MALAYSIA	**254**	**332,721**	**20.9**	**17.6**	**24.0**	**370**	**486,104**	**30.5**	**27.1**	**34.1**	**614**	**775,422**	**48.6**	**44.1**	**53.2**
Johor	32	51,530	27.4	17.9	39.5	32	44,439	23.6	15.0	33.7	58	92,249	49.0	35.4	62.7
Kedah	11	15,120	14.4	5.0	34.6	19	26,562	25.2	14.0	40.7	49	63,670	60.4	43.1	75.5
Kelantan	12	10,942	28.2	16.2	44.3	11	8,785	22.7	11.0	39.1	19	19,051	49.1	32.4	66.0
Melaka	2	1,467	2.2	0.6	6.9	20	16,063	24.3	15.0	36.8	59	48,449	73.4	62.6	82.0
Negeri Sembilan	7	6,286	8.7	4.0	17.8	31	26,624	36.8	25.0	49.4	50	39,431	54.5	40.1	68.2
Pahang	12	12,819	20.9	8.7	42.2	11	11,098	18.1	9.0	30.8	35	37,342	61.0	39.5	78.9
Pulau Pinang	18	32,113	30.0	17.9	45.6	18	36,800	34.3	21.0	50.4	22	38,308	35.7	20.5	54.5
Perak	16	23,044	15.1	6.7	30.5	34	62,402	40.9	29.0	53.0	41	67,187	44.0	30.2	58.8
Perlis	32	4,658	33.8	19.5	52.0	25	3,697	26.9	17.0	39.0	29	5,412	39.3	25.3	55.3
Selangor	50	95,256	21.3	15.1	29.2	66	119,246	26.7	20.0	34.1	142	232,779	52.0	42.9	61.0
Terengganu	13	10,320	26.9	9.1	57.6	15	13,432	35.1	18.0	55.8	20	14,561	38.0	20.6	59.0
Sabah/Labuan	15	25,467	16.4	8.9	28.2	35	57,549	37.1	26.0	49.0	36	72,065	46.5	32.0	61.5
Sarawak	8	12,288	43.9	21.9	68.6	4	10,823	38.6	15.0	57.3	5	4,900	17.5	5.5	43.3
WP Kuala Lumpur	17	30,489	26.8	13.1	47.0	24	46,174	40.6	25.0	57.3	20	37,050	32.6	17.3	52.7
WP Putrajaya	9	920	14.6	5.7	32.0	25	2,410	38.3	29.0	48.0	29	2,968	47.1	36.0	58.5
Peninsular Malaysia	231	294,966	20.9	17.4	24.9	331	417,732	29.6	26.1	33.4	573	698,458	49.5	44.7	54.3
Distance to in-patient healthcare facilities in RURAL locations															
MALAYSIA	**60**	**38,865**	**8.2**	**5.9**	**11.2**	**183**	**91,256**	**19.2**	**14.9**	**24.5**	**630**	**344,257**	**72.6**	**66.4**	**78.0**
Johor	4	2,168	5.9	2.2	15.0	12	9,477	25.6	12.7	44.9	33	25,341	68.5	50.0	82.5
Kedah	3	2,468	5.2	1.8	14.5	5	4,537	9.6	2.5	29.9	49	40,369	85.2	63.2	95.0
Kelantan	12	9,967	16.9	9.4	28.7	28	21,611	36.7	23.1	52.8	35	27,249	46.3	32.7	60.0
Melaka	1	54	1.2	0.2	8.7	14	906	20.1	11.9	31.8	50	3,553	78.7	66.6	87.0
Negeri Sembilan	1	500	2.4	0.3	16.3	8	2,267	10.8	5.2	20.8	60	18,233	86.8	75.7	93.0
Pahang	2	863	1.6	0.3	9.4	3	1,792	3.4	1.0	10.3	84	50,884	95.0	86.8	98.0
Pulau Pinang	6	543	7.7	3.2	17.3	11	1,132	16.0	8.6	27.6	58	5,414	76.4	61.4	86.0
Perak	6	5,096	14.0	5.2	32.3	15	6,885	18.9	10.9	30.6	46	24,536	67.2	49.6	81.0
Perlis	3	157	2.6	0.7	9.0	25	2,290	37.6	19.1	60.4	38	3,650	59.9	37.7	78.0
Selangor	4	1,456	7.3	1.6	28.1	16	7,185	36.2	19.9	56.4	30	11,223	56.5	35.3	75.0
Terengganu	3	1,387	4.9	1.8	12.7	16	6,351	22.2	11.9	37.7	48	20,831	72.9	57.3	84.0
Sabah/Labuan	8	8,798	9.4	4.4	18.8	27	23,702	25.2	12.0	45.4	64	61,371	65.4	43.9	82.0
Sarawak	7	5,407	9.0	3.1	23.5	3	3,122	5.2	1.6	14.9	35	51,602	85.8	67.9	94.0
WP Kuala Lumpur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WP Putrajaya	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peninsular Malaysia	45	24,660	7.7	5.3	11.0	153	64,432	20.1	15.9	25.1	531	231,284	72.2	66.7	77.1

Notes:

1. Some cells have respondent count < 30. Results should be interpreted with caution.
2. Due to rounding some totals may not correspond with the sum of the separate figures.

Table 3.25: Annual mean visit for hospitalisation (in-patient care)- by Sociodemographic characteristics and by sector

Sociodemographic characteristics	Count[1]	Estimated Population[2]	TOTAL			Government			Private		
			Mean visits	95% CI		Mean visits	95% CI		Mean visits	95% CI	
				Lower	Upper		Lower	Upper		Lower	Upper
MALAYSIA	**29,460**	**29,374,199**	**0.10**	**0.09**	**0.11**	**0.08**	**0.07**	**0.09**	**0.02**	**0.02**	**0.03**
State											
Johor	2,570	3,394,757	0.10	0.07	0.12	0.07	0.05	0.09	0.03	0.02	0.04
Kedah	1,880	1,965,303	0.12	0.09	0.16	0.11	0.07	0.14	0.02	0.01	0.03
Kelantan	1,887	1,638,346	0.07	0.05	0.09	0.06	0.05	0.08	0.01	0.00	0.01
Melaka	1,730	831,413	0.11	0.08	0.14	0.08	0.06	0.11	0.02	0.01	0.04
Negeri Sembilan	1,834	1,001,411	0.11	0.09	0.14	0.06	0.04	0.08	0.06	0.03	0.08
Pahang	1,821	1,544,008	0.10	0.08	0.13	0.08	0.06	0.11	0.02	0.01	0.03
Pulau Pinang	1,878	1,639,875	0.09	0.06	0.12	0.05	0.03	0.07	0.04	0.02	0.06
Perak	1,976	2,350,208	0.10	0.07	0.13	0.07	0.05	0.09	0.03	0.02	0.05
Perlis	1,814	235,115	0.11	0.08	0.15	0.10	0.07	0.13	0.02	0.01	0.03
Selangor	4,117	5,828,179	0.12	0.10	0.14	0.08	0.06	0.10	0.04	0.03	0.05
Terengganu	1,865	1,111,064	0.11	0.04	0.17	0.10	0.04	0.17	0.00	0.00	0.01
Sabah/Labuan	2,610	3,478,103	0.11	0.08	0.13	0.10	0.08	0.13	0.01	0.00	0.01
Sarawak	1,769	2,575,779	0.07	0.05	0.09	0.07	0.05	0.09	0.01	0.00	0.01
WP Kuala Lumpur	906	1,694,681	0.08	0.06	0.11	0.06	0.03	0.09	0.02	0.01	0.04
WP Putrajaya	803	85,957	0.08	0.06	0.10	0.06	0.05	0.08	0.02	0.01	0.03
Location											
Urban	16,880	22,077,753	0.10	0.09	0.11	0.07	0.06	0.08	0.03	0.03	0.03
Rural	12,580	7,296,447	0.10	0.09	0.12	0.09	0.08	0.11	0.01	0.00	0.01
Sex											
Male	14,225	15,152,539	0.09	0.08	0.10	0.07	0.06	0.07	0.02	0.02	0.02
Female	15,235	14,221,660	0.12	0.11	0.13	0.09	0.08	0.10	0.03	0.02	0.03
Age group (years)											
0 – 4	2,689	2,493,120	0.14	0.11	0.16	0.12	0.09	0.14	0.02	0.01	0.03
5 – 9	2,688	2,405,073	0.05	0.03	0.07	0.04	0.02	0.05	0.01	0.01	0.02
10 – 14	2,638	2,560,397	0.05	0.03	0.07	0.04	0.02	0.05	0.01	0.01	0.02
15 – 19	2,291	2,637,732	0.07	0.05	0.09	0.05	0.04	0.07	0.01	0.01	0.02
20 – 24	1,928	2,855,563	0.12	0.09	0.14	0.09	0.07	0.12	0.02	0.01	0.03
25 – 29	2,176	2,786,512	0.13	0.09	0.16	0.10	0.07	0.13	0.03	0.02	0.04
30 – 34	2,096	2,632,559	0.13	0.10	0.15	0.09	0.07	0.11	0.04	0.02	0.05
35 – 39	1,915	2,079,243	0.08	0.06	0.10	0.05	0.04	0.06	0.03	0.02	0.04
40 – 44	1,797	1,856,873	0.08	0.06	0.10	0.05	0.03	0.07	0.03	0.02	0.04
45 – 49	1,869	1,678,359	0.07	0.06	0.09	0.04	0.03	0.06	0.03	0.02	0.04

Sociodemographic characteristics	Count[1]	Estimated Population[2]	TOTAL			Government			Private		
			Mean visits	95% CI		Mean visits	95% CI		Mean visits	95% CI	
				Lower	Upper		Lower	Upper		Lower	Upper
MALAYSIA	**29,460**	**29,374,199**	**0.10**	**0.09**	**0.11**	**0.08**	**0.07**	**0.09**	**0.02**	**0.02**	**0.03**
50 – 54	1,897	1,511,734	0.09	0.07	0.11	0.06	0.05	0.08	0.03	0.01	0.04
55 – 59	1,682	1,265,426	0.15	0.11	0.19	0.11	0.08	0.15	0.03	0.02	0.05
60 – 64	1,345	939,645	0.12	0.08	0.16	0.10	0.06	0.14	0.02	0.01	0.04
65 – 69	1,015	696,121	0.14	0.09	0.19	0.12	0.08	0.17	0.02	0.01	0.03
70 – 74	685	404,497	0.24	0.11	0.36	0.21	0.09	0.34	0.02	0.01	0.04
75+	749	571,346	0.25	0.17	0.32	0.22	0.14	0.29	0.03	0.01	0.05
Ethnicity[3]											
Malay	18,879	15,420,248	0.11	0.10	0.13	0.09	0.08	0.10	0.02	0.02	0.03
Chinese	4,246	6,272,128	0.07	0.06	0.08	0.04	0.03	0.05	0.03	0.03	0.04
Indian	1,985	1,924,910	0.13	0.10	0.16	0.08	0.05	0.10	0.05	0.03	0.07
Bumiputera Sabah	1,414	1,536,771	0.14	0.10	0.19	0.14	0.10	0.19	0.00	0.00	0.01
Bumiputera Sarawak	776	1,303,404	0.08	0.05	0.11	0.08	0.05	0.11	0.00	0.00	0.00
Orang Asli	115	79,837	0.06	0.00	0.12	0.06	0.00	0.12	0.00	0.00	0.00
Others	2,025	2,816,005	0.07	0.05	0.09	0.06	0.04	0.08	0.01	0.00	0.01
Citizenship[3]											
Malaysian	27,877	27,024,676	0.11	0.10	0.11	0.08	0.07	0.09	0.03	0.02	0.03
Non-Malaysia	1,570	2,328,646	0.06	0.04	0.07	0.05	0.03	0.07	0.01	0.00	0.02
Marital status[3]											
Never Married	6,687	8,289,402	0.06	0.05	0.08	0.05	0.04	0.06	0.02	0.01	0.02
Married	13,860	13,223,924	0.13	0.12	0.15	0.10	0.09	0.11	0.03	0.03	0.04
Widow/Widower/Divorcee	1,941	1,404,922	0.12	0.09	0.16	0.11	0.07	0.14	0.02	0.01	0.03
Education level[3]											
No formal education	1,995	1,764,050	0.12	0.09	0.15	0.11	0.08	0.14	0.01	0.00	0.02
Primary	8,611	7,764,982	0.09	0.08	0.10	0.08	0.06	0.09	0.02	0.01	0.02
Secondary	10,354	10,697,969	0.09	0.08	0.10	0.07	0.06	0.08	0.02	0.01	0.02
Tertiary	4,403	5,284,860	0.13	0.12	0.15	0.08	0.06	0.09	0.06	0.05	0.07
Unclassified	1,043	1,049,952	0.06	0.03	0.10	0.06	0.02	0.09	0.00	0.00	0.01
Occupation[3]											
Government /Semi-government employee	2,195	1,925,403	0.13	0.11	0.16	0.10	0.07	0.12	0.04	0.02	0.05
Private employee	6,206	8,137,466	0.08	0.07	0.09	0.05	0.04	0.06	0.03	0.03	0.04
Self-employed	3,892	3,459,043	0.07	0.06	0.08	0.05	0.04	0.06	0.02	0.01	0.03
Unpaid worker/homemaker	3,352	2,913,046	0.18	0.15	0.21	0.16	0.13	0.18	0.02	0.01	0.03
Retiree	786	609,305	0.14	0.10	0.19	0.11	0.07	0.15	0.03	0.02	0.05
Unemployed	3,383	2,895,417	0.18	0.14	0.23	0.17	0.13	0.20	0.02	0.01	0.03
Student[4]	2,668	2,972,934	0.05	0.04	0.07	0.04	0.02	0.05	0.02	0.01	0.03

Sociodemographic characteristics	Count[1]	Estimated Population[2]	TOTAL			Government			Private		
			Mean visits	95% CI Lower	95% CI Upper	Mean visits	95% CI Lower	95% CI Upper	Mean visits	95% CI Lower	95% CI Upper
MALAYSIA	**29,460**	**29,374,199**	**0.10**	**0.09**	**0.11**	**0.08**	**0.07**	**0.09**	**0.02**	**0.02**	**0.03**
Household Income Group (RM)											
Less than RM1,000	4,638	4,022,845	0.11	0.09	0.12	0.09	0.08	0.11	0.01	0.01	0.02
RM1,000 – RM1,999	5,450	4,893,738	0.10	0.09	0.12	0.10	0.08	0.11	0.01	0.00	0.01
RM2,000 – RM2,999	5,053	4,772,159	0.10	0.09	0.12	0.09	0.08	0.11	0.01	0.01	0.02
RM3,000 – RM3,999	3,743	3,820,023	0.11	0.08	0.13	0.08	0.06	0.11	0.02	0.01	0.03
RM4,000 – RM4,999	2,663	2,886,693	0.10	0.08	0.12	0.07	0.05	0.09	0.03	0.02	0.04
RM5,000 – RM5,999	2,041	2,270,320	0.09	0.07	0.11	0.06	0.04	0.08	0.03	0.02	0.04
RM6,000 – RM6,999	1,367	1,465,746	0.09	0.07	0.12	0.06	0.04	0.08	0.03	0.01	0.05
RM7,000 – RM7,999	1,143	1,206,321	0.08	0.06	0.11	0.04	0.03	0.06	0.04	0.02	0.06
RM8,000 – RM8,999	913	1,008,752	0.12	0.07	0.17	0.07	0.03	0.12	0.05	0.03	0.07
RM9,000 – RM9,999	459	498,246	0.07	0.04	0.10	0.04	0.01	0.06	0.03	0.01	0.06
RM10,000 and above	1,990	2,529,356	0.10	0.08	0.13	0.04	0.03	0.06	0.06	0.04	0.08
Household Income Quintiles											
Q1 (Poorest 20%)	3,958	3,441,988	0.11	0.09	0.13	0.09	0.07	0.11	0.02	0.01	0.02
Q2	5,580	5,055,432	0.10	0.09	0.12	0.10	0.08	0.11	0.01	0.00	0.01
Q3	6,471	6,116,947	0.10	0.09	0.11	0.08	0.07	0.10	0.02	0.01	0.02
Q4	6,072	6,443,317	0.10	0.09	0.12	0.08	0.06	0.09	0.02	0.02	0.03
Q5 (Richest 20%)	7,379	8,316,515	0.10	0.08	0.11	0.05	0.04	0.07	0.04	0.03	0.05
Socioeconomic Quintiles (based on HCD 2011)											
Q1 (Poorest 20%)	6,111	569,151	0.10	0.08	0.11	0.09	0.08	0.10	0.01	0.00	0.01
Q2	6,636	690,938	0.12	0.10	0.14	0.11	0.09	0.13	0.01	0.01	0.02
Q3	6,049	553,626	0.10	0.08	0.11	0.08	0.07	0.09	0.02	0.01	0.02
Q4	5,806	615,967	0.11	0.09	0.12	0.07	0.06	0.09	0.03	0.02	0.04
Q5 (Richest 20%)	4,858	537,782	0.09	0.08	0.11	0.04	0.03	0.05	0.05	0.04	0.06

Notes:

1. Caution some cells have counts less than 30. Results should be interpreted with caution
2. Due to rounding, some totals may not corresponds with the sum of separate figures
3. Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. "Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

3.4 VARIABLE DEFINITION

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition
Utilisation of out-patient healthcare in the last 2 weeks	▪ b4100	weight_final	Person reported received any out-patient care in the last 2 weeks • 1 = Yes; 2 = No	svysetebid [pw=weight_final],strata(state_st2) svy: tab b4100, obs count format (%12.2gc) svy: tab b4100, ci format (%10.3f)
Prevalence of out-patient healthcare utilisation (by Sociodemographic characteristics)	▪ b4100 by SES ▪ state ▪ strata ▪ sex ▪ agegroup ▪ ethnic7 ▪ citizen ▪ marital_status ▪ education ▪ occupation2 ▪ hhincomegrp ▪ hhincome_quintile ▪ quintile	weight_final	Display result by Sociodemographic characteristics: • State • Urban/ rural • Gender • Age group • Ethnicity • Marital status • Education levels • Occupation • Household income group	svy: tab <var> b4100, obs count format (%10.2g) svy: tab <var> b4100, ci format(%6.3f) row
Total number of out-patient healthcare facilities utilised	▪ b4200_new	weight_final	Number of out-patient Healthcare facilities visited in the last 2 weeks • 1 = 1 place • 2 = 2 places • 3=>2 places	svy: tab b4200_new if b4100==1, obs count format(%12.2gc) svy: tab b4200_new if b4100==1, ci format(%10.3f)
Prevalence of out-patient healthcare utilisation (by Sociodemographic characteristics) by sector	▪ b4302__loop by SES ▪ state ▪ strata ▪ sex ▪ agegroup ▪ ethnic7 ▪ citizen ▪ marital_status ▪ education ▪ occupation2 ▪ hhincomegrp ▪ hhincome_quintile ▪ quintile	weight_final	Type of the out-patient Healthcare facility visited 1= government2 = private	▪ overall svy:tab b4302__loop, obs count format (%12.3gc) svy:tab b4302__loop, ci format (%12.3f) ▪ By SES svy: tab 'var' b4302__loop, obs count format(%12.3gc) svy: tab 'var' b4302__loop, ci format(%12.3f) row

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition
Annual mean visit to out-patient healthcare facilities by Sociodemographic characteristics and by sector	• totgovop_an • totpvtop_an • totalop_an by SES • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Total number of out-patient visit in a year	• overall tabstattotgovop_antotpvtop_antotalop_an [aw=weight_final], stat(count sum mean) format(%12.4gc) svy:meantotgovop_antotpvtop_antotalop_an • By SES tabstattotgovop_antotpvtop_antotalop_an [aw=weight_final], by (var) stat(count sum mean) format(%12.4gc) svy:meantotgovop_antotpvtop_antotalop_an, over (var)
Utilisation related to previous health problem(s) in last 2 weeks	• b4303n	weight_final	Person reported received any out-patient care related to previous health problem • b4303n=1 • b4100=1	• svy: tab b4303n if b4100==1, obs count format(%12.2gc) • svy: tab b4303n if b4100==1, ci format(%10.3f)
Frequency of visit to out-patient healthcare facility	• tot_all_op	weight_final	Number of visit(s) to out-patient Healthcare facility • Sector (b4302) • Gov:govop=1 • Private:priop=1 • Strata • Urban =1 • Rural=2 • Region • Peninsular=1 • Sabah=2 • Sarawak=3 • Frequency of visit (visit_no2) • 1 = once • 2 = twice	• Overall svy:meantot_all_optabstattot_all_op [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *sector *government svy:meantot_all_op if govop==1 tabstattot_all_op if govop==1 [aw=weight_final], stat(count sum ean sd median p25 p75) format(%12.4gc) *private svy:meantot_all_op if priop==1 tabstattot_all_op if priop==1 [aw=weight_final], stat(count sum ean sd median p25 p75) format(%12.4gc) *strata *urban svy:meantot_all_op if strata==1 tabstattot_all_op if trata==1

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition
			• 3 = > twice	[aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *rural svy:meantot_all_op if strata==2 tabstattot_all_op if strata==2 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *region *peninsular svy:meantot_all_op if region==1 tabstattot_all_op if region==1 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *sabah svy:meantot_all_op if region==2 tabstattot_all_op if region==2 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *sarawak svy:meantot_all_op if region==3 tabstattot_all_op if region==3 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc)
Mode of transport use to get to the healthcare facility	• Gov • govop_car • govop_motorcycle • govop_bicycle • govop_boat • govop_rent • govop_walk • govop_ambulance • govop_others • Private • priop_car • priop_motorcycle • priop_bicycle • priop_boat • priop_rented • priop_walk • priop_ambulance • priop_others	weight_final	Transportation the person used to get to the out-patient Healthcare facility • Sector (b4302_clean) • Gov:govop=1 • Private:priop=1 • Mode of transport • 1 = own car • 2= own motorcycle • 3 = own bicycle • 4 = own boat • 5= public transport • 6 = walking • 7 = ambulance • 8= others	*gov svy: tab govop_clean, obs count format (%12.2gc) svy: tab govop_clean, ci format (%10.3f) *private svy: tab priop_clean, obs count format (%12.2gc) svy: tab priop_clean, ci format (%10.3f)

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition
Travel time to out-patient Healthcare facility	• b4610an • b4610bn • b4610cn • tot_all_op_t	weight_final	Time taken for the person to get to the out-patient Healthcare facility • Sector (b4302_clean) • Gov:govop=1 • Private:priop=1 • Strata • Urban =1 • Rural=2 • Region • Peninsular=1 • Sabah=2 • Sarawak=3 • Travel time (time2) • 1 = <30 minutes • 2 = 30 – 60 minutes • 3 = >60 minutes	*overall svy:meantot_all_op_ttabstattot_all_op_t [aw=weight_final], stat(count sum mean sd median p25 p75) ormat(%12.4gc) *sector *gov svy:meantot_all_op_t if govop==1tabstattot_all_op_t if ovop==1 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *private svy:meantot_all_op_t if priop==1tabstattot_all_op_t if priop==1 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *strata *urban svy:meantot_all_op_t if strata==1tabstattot_all_op_t if strata==1 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *rural svy:meantot_all_op_t if strata==2tabstattot_all_op_t if strata==2 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *region *peninsular svy:meantot_all_op_t if region==1tabstattot_all_op_t if region==1 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *sabah svy:meantot_all_op_t if region==2 tabstattot_all_op_t if region==2 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *sarawak svy:meantot_all_op_t if region==3 tabslattot_all_op_t if region==3 [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc)

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition
Distance to out-patient healthcare facility	• tot_all_op_d • totgop_d • totpop_d	weight_final	Distance between the person's resident to the out-patient Healthcare facility • Sector • Gov:govop=1 • Private:priop=1 • Strata • Urban =1 • Rural=2 • Region • Peninsular=1 • Sabah=2 • Sarawak=3 • Distance • 1 = <5 km • 2 = 5 - 10 km • 3 = >10 km	*overall svy:meantot_all_op_d tabstattot_all_op_d [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *sector *gov svy:meantotgop_d tabstattotgop_d [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *private svy:meantotpop_d tabstattotpop_d [aw=weight_final], stat(count sum mean sd median p25 p75) format(%12.4gc) *strata *urban svy:meantot_all_op_d if strata==1 tabstattot_all_op_d [aw=weight_final] if strata==1, stat(count sum mean sd median p25 p75) format(%12.4gc) *rural svy:meantot_all_op_d if strata==2 tabstattot_all_op_d [aw=weight_final] if strata==2, stat(count sum mean sd median p25 p75) format(%12.4gc) *region *peninsular svy:meantot_all_op_d if region==1 tabstattot_all_op_d [aw=weight_final] if strata==1, stat(count sum mean sd median p25 p75) format(%12.4gc) *sabah svy:meantot_all_op_d if region==2 tabstattot_all_op_d [aw=weight_final] if strata==2, stat(count sum mean sd median p25 p75) format(%12.4gc) *Sarawak svy:meantot_all_op_d if region==3 tabstattot_all_op_d [aw=weight_final] if region==3, stat(count sum mean sd median p25 p75) format(%12.4gc)

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition

Who reported ill within the last 2 weeks	• b1301_new
	• b4100
	  • ill
	  • by SES
	  • state
	  • strata
	  • sex
	  • agegroup
	  • ethnic7
	• citizen
	  • marital_status
	  • education
	  • occupation2
	  • hhincomegrp
	  • hhincome_quintile
	  • quintile
		weight_final	Those who have reported to have any illness.
			Those who had answered "yes" in b1301 and b4100
				• svy,subpop(ill): tab b4100, obs count format(%12.2gc)
				• svy,subpop(ill): tab b4100, ci format(%10.3f)

Prevalence of in-patient care utilisation in the last 12 months	• b2100
	  • state
	  • strata
	  • sex
	  • agegroup
	  • ethnic7
	• citizen
	  • marital_status
	  • education
	  • occupation2
	  • hhincomegrp
	  • hhincome_quintile
	  • quintile
		weight_final	Person reported received any in-patient care in the last 12 months
			• 1 = yes; 2 = no
			Display result by Sociodemographic characteristics:
			• State
			• Urban / rural
			• Gender
			• Age group
			• Ethnicity
			• Citizenship
			• Marital status
			• Education levels
			• Occupation
			• Household Income group
			• Socioeconomic quintile
			• Socioeconomic quintile (Based on HCD 2011)
				svysetebid [pw=weight_final],strata(state)
				
				svy:tab b2100,obs count format (%12.2gc)
				svy:tab b2100,ci format (%10.3gc)
				
				svy: tab <var> b2100, obs count format(%10.2g)
				svy: tab <var> b2100, ci format(%6.3f) row
				
				do& repeat <var> for state,strata,sex,agegroup,.....

Total number of place visited in the last 12 months	• b2200_new	weight_final	Number of in-patient Healthcare facilities visited in the last 12 months • 1 = 1 place; 2 = 2 places; 3 = >2 places	svy:tab b2200_new, obs count format (%12.3gc) svy:tab b2200_new, ci format (%12.3f)

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition

Type of facility (own by government or private sector)	• b2302
	  • state
	  • strata
	  • sex
	  • agegroup
	  • ethnic7
	• citizen
	  • marital_status
	  • education
	  • occupation2
	  • hhincomegrp
	  • hhincome_quintile
	  • quintile
		weight_final	Type of in-patient healthcare facility visited	svy: tab <var> b2302, obs count format(%10.2g)
				svy: tab <var>b2302, ci format(%6.3f) row
				
				do& repeat <var> for state,strata,sex,agegroup,.....

Frequency of visit to in-patient healthcare facility	• b2303 • b2302	weight_final	Number of visit(s) to in-patient healthcare facility • Sector (b2302) • 1 = government; 2 = private • Frequency of visit (b2303) • 1 = once; 2 = twice; 3 = > twice	svy:tabtotgovip_cat,obs count format (%12.2gc) svy:tabtotgovip_cat,ci format (%10.3gc)
Total days spent in the in-patient healthcare facility	• b2304a_new • b2302	weight_final	Length/duration of stays (days) in the healthcare facility • Sector (b2302) • 1 = government; 2 = private • Length of stay (b2304_3) • 1 = 0–4 days • 2 = 5–7 days • 3 = >7 days	svy:tabtotgovipdays_cat,obs count format (%12.2gc) svy:tabtotgovipdays_cat,ci format (%10.3gc) svy:tabtotpvtipdays_cat,obs count format (%12.2gc) svy:tabtotpvtipdays_cat,ci format (%10.3gc)
Travel time to in-patient healthcare facility	• b2610an* • b2302	weight_final	Time taken for the person to get to the in-patient Healthcare facility • Sector (b2302) • 1 = government; 2 = private • Travel time (b2610_total2) • 1 = <30 minutes • 2 = 30 – 60 minutes • 3 = >60 minutes	svy:tabtotgip_t_cat,obs count format (%12.2gc) svy:tabtotgip_t_cat,ci format (%10.3gc) svy:tabtotpip_t_cat,obs count format (%12.2gc) svy:tabtotpip_t_cat,ci format (%10.3gc)

Variable Name	Variable in Stata	Weight	Definition of Variable	Stata Variable Definition
Travel time to in-patient healthcare facility in urban & rural area	▪ b2610an* ▪ strata	weight_final	● Location (strata) • 1=urban • 2=rural	Location svy:tab state tot_urban_t_cat,obs count format (%12.2gc) svy:tab state tot_urban_t_cat,ci format (%10.3gc)row svy:tab state tot_rural_t_cat,obs count format (%12.2gc)svy:tab state tot_rural_t_cat,ci format (%10.3gc)row
Travel time to in-patient healthcare facility by region	▪ b2610an* ▪ state	weight_final	● Region (state) • 1=peninsular malaysia • 2=sabah/labuan • 3=sarawak	Region svy:tab region tot_urban_t_cat,obs count format(%12.2gc) svy:tab region tot_urban_t_cat,ci format (%10.3gc)row svy:tab region tot_rural_t_cat,obs count format (%12.2gc) svy:tab region tot_rural_t_cat,ci format (%10.3gc)row
Distance to in-patient healthcare facility	▪ b2620_new,b2620b,b2620c	weight_final	Distance between the person's resident to the in-patient Healthcare facility ● Distance (tot_urban_d_cat*) • 1=<5km • 2=5-10 km • 3=>10 km	Overall svy:tabtot_urban_d_cat,obs count format (%12.2gc) svy:tabtot_urban_d_cat,ci format (%10.3gc) svy:tabtot_rural_d_cat,obs count format (%12.2gc) svy:tabtot_rural_d_cat,ci format (%10.3gc)
Distance to in-patient healthcare facility in urban & rural area	▪ b2620_new,b2620b,b2620c ▪ strata	weight_final	● Location (strata) • 1=urban • 2=rural	Location svy:tab state tot_urban_d_cat,obs count format (%12.2gc) svy:tab state tot_urban_d_cat,ci format (%10.3gc)row svy:tab state tot_rural_d_cat,obs count format (%12.2gc) svy:tab state tot_rural_d_cat,ci format (%10.3gc)row
Distance to in-patient healthcare facility by region	▪ b2620_new,b2620b,b2620c ▪ state	weight_final	● Region (state) • 1=peninsular malaysia • 2=sabah/labuan • 3=sarawak	Region svy:tab region tot_urban_d_cat,obs count format (%12.2gc) svy:tab region tot_urban_d_cat,ci format (%10.3gc)row svy:tab region tot_rural_d_cat,obs count format (%12.2gc) svy:tab region tot_rural_d_cat,ci format (%10.3gc)row

Topic IV

ORAL HEALTHCARE

4. ORAL HEALTHCARE

4.1 GENERAL OBJECTIVE

To determine the load of acute oral health illness, pattern of oral health seeking behavior and oral healthcare utilisation.

4.1.1 Specific Objectives

4.1.1.1 To determine the following for the last 2 weeks preceding the survey:

- the load of acute oral health illness.
- the pattern of oral health seeking behaviour.

4.1.1.2 To determine the following for the last 12 months preceding the survey:

- timing of the last dental visit.
- the proportion of population who visited government/private facilities for oral healthcare.
- the number and type of healthcare facilities visited.
- the mean number of visits to healthcare facilities by sector (government/private) and location (urban/rural).
- the distance travelled for seeking care by sector (government/private) and location (urban/rural).
- the travelling time for seeking care by sector (government/private) and location (urban/rural).
- the mode of transport used for seeking care by sector (government/private) and location (urban/rural).

4.2 LOAD OF ORAL HEALTH PROBLEMS

4.2.1 Prevalence of oral health problems in the last two weeks

The overall prevalence of reported recent oral health problems among the population was 5.2% (95% CI, 4.8 – 5.6). The state of Sabah/Labuan had a higher proportion of population with oral health problems in the last two weeks (8.8%; 95% CI, 7.5 – 10.2) as compared to other states except for Johor, Kelantan, Sarawak and WP Kuala Lumpur. Among the ethnic groups, those of "Bumiputera Sabah" ethnicity had a higher prevalence of reported recent oral health problems (8.3%; 95% CI, 6.7 – 10.2) as compared to "Malays" (5.0%; 95% CI, 4.6 – 5.5) and "Chinese" (3.4%; 95% CI, 2.8 – 4.2) (**Table 4.1**).

The prevalence of oral health problems with at least one other illness was 2.3% (95% CI, 2.1 – 2.6). The state of Sabah/Labuan had a higher proportion of population with oral health problems with at least one other illness (4.5%; 95% CI, 3.8 – 5.4) as compared to other states except for Johor, Sarawak and WP Putrajaya. Among the ethnic groups, those of "Bumiputera

Sabah" ethnicity had a higher prevalence of reported recent oral health problems with at least one other illness (4.7%; 95% CI, 3.6 – 6.2) as compared to "Malays" (2.3%; 95% CI, 2.0 – 2.6) and "Chinese" (1.3%; 95%CI, 0.9 – 1.9) (**Table 4.2**).

The prevalence of oral health problems without any other illness was 2.9% (95% CI, 2.6 – 3.2). Sabah/Labuan had a higher proportion of population with oral health problems without any other illness (4.3%; 95% CI, 3.4 – 5.3) as compared to other states except Johor, Kelantan, Melaka, Pahang, Pulau Pinang, Perak, Selangor, Sarawak, WP Kuala Lumpur and WP Putrajaya. A higher prevalence was seen in children aged 5-9 (4.5%; 95% CI, 3.3 – 6.2)] as compared to middle aged adults between 35-39 years (2.2%; 95% CI, 1.5 – 3.2) and the elderly aged 60 – 64 (1.8%; 95% CI, 1.1 – 3.0). Notably, government/semi-government employees (3.3%; 95% CI, 2.4 – 4.4) had a higher prevalence of oral health problems without any other illness compared to students (1.6%; 95% CI, 1.2 - 2.2) (**Table 4.3**).

4.3 ORAL HEALTH SEEKING BEHAVIOR

4.3.1 Prevalence of population with oral health problems without any other illness in the last two weeks and who did not seek care

Among the estimated population with oral health problems only in the past two weeks, 26.6% (95% CI, 22.7 - 30.8) sought care for their oral health problems and 73.4% (95% CI, 69.2 – 77.3) did not. Among those who did not seek oral healthcare, the highest prevalence was seen in Terengganu (93.6%; 95% CI, 80.9 – 98.0) as compared to Pahang (59.9%; 95% CI, 41.9 – 75.6) and Selangor (67.8%: 95% CI, 58.7 – 75.7) (**Table 4.4**).

4.3.2 Overall oral health seeking behavior

The overall oral health seeking behavior of the population for their oral health problems in the last 2 weeks is shown in (**Table 4.5**) with the majority practicing self-medication (46.1%; 95% CI, 41.2 – 51.1).

4.3.3 Type of oral health seeking behavior

The oral health seeking behavior of the population who sought care for their oral health problems in the last 2 weeks preceding the survey were as follows:

4.3.3.1 Self-care/self-medication oral health behavior

The overall prevalence of self-care/self-medicating practices for recent oral health problems was 46.1% (95% CI, 41.2 – 51.1). More private employees practice self-care/self-medication (55.8%; 95% CI, 46.3 - 65.0) as compared to government/semi-government employees (31.3%; 95% CI, 19.7 - 45.7) (**Table 4.6**).

4.3.3.2 Sought treatment or advice from healthcare providers

The overall prevalence of those who sought care from healthcare providers for recent oral health problems was 26.6% (95% CI, 22.7 - 30.8). Among the age groups, children in the age group 0 – 4 years (59.3%; 95% CI, 37.5 – 78.0) had a higher prevalence for

seeking care from healthcare providers for recent oral health problems as compared to children aged 10 – 14 years (21.9%; 95% CI, 13.3 – 34.0) (**Table 4.7**).

4.3.3.3 Purchased medication after obtaining advice from the pharmacist

The overall prevalence of those who purchased medication after obtaining advice from the pharmacist for recent oral health problems was 23.2% (95% CI, 19.5 – 27.5). No appreciable differences were seen among the identified sociodemographic sub-populations (**Table 4.8**).

4.3.3.4 Sought advice other than from a healthcare provider

The overall prevalence of those who sought advice other than from a healthcare provider for recent oral health problems was 7.2% (95% CI, 5.3 – 9.7). No appreciable differences were seen among the identified sociodemographic sub-populations (**Table 4.9**).

4.3.3.5 Other oral health seeking behavior

The overall prevalence for those with other oral health seeking behavior for their recent oral health problems was 1.0% (95% CI, 0.5 – 2.1). No appreciable differences were seen among the identified sociodemographic sub-populations (**Table 4.10**).

4.4 ORAL HEALTHCARE UTILISATION

4.4.1 Utilisation of out-patient oral healthcare and timing of last visit

The utilisation of out-patient oral healthcare in the last 12 months and the timing of the last visit was as follows (**Table 4.11** - **Table 4.21**) :

4.4.1.1 In the last 12 months

Overall, the prevalence of population who had a dental visit in the last 12 months was 27.8% (95% CI, 26.8 – 28.8). The prevalence was lower in Sarawak (22.5%; 95% CI, 19.5 – 25.8) as compared to Kelantan, Melaka, Negeri Sembilan, Perlis, Selangor, and Terengganu except for other states. Compared to other ethnic groups except for "Bumiputera Sarawak" and "Orang Asli", a lower proportion of the "Chinese" ethnicity had their last dental visit in the last 12 months (25.1%; 95% CI, 23.1-27.1). A significantly lower proportion was seen among those with no formal education (8.2%; 95% CI, 6.7 – 10.0) (**Table 4.11**).

A higher proportion of females (30.3%; 95% CI, 29.2- 31.5) had their last dental visit in the last 12 months preceding the survey compared to males (25.4%; 95% CI, 24.3-26.6). The population in between the 5-19 age group range also had a higher prevalence of having a dental visit in the last 12 months. The prevalence was also higher among students (59.7%; 95% CI, 56.5 – 62.8) and among those who never married (33.1%; 95% CI, 31.4 – 34.8). Among the household income quantile groups, a higher proportion of the fifth richest household income quantile group (Q5) had their last dental visit in the last 12

months (30.8%; 95% CI, 29.1-32.7) as compared to other groups except for the fourth richest household income quantile group (Q4) (**Table 4.11**).

4.4.1.2 Between 1 year to less than 2 years ago

The prevalence of population who had their last dental visit between 1 year to less than 2 years ago was only 4.9% (95% CI, 4.5 – 5.4). The prevalence was higher in Negeri Sembilan (10.7%; 95% CI, 8.7 – 13.2) as compared to the other states, except for Kelantan, Pulau Pinang, Perak and WP Kuala Lumpur. The prevalence was also higher in the urban (5.3%; 95% CI, 4.7 – 5.9), the population in age groups between the 10-19 age range, among the government/semi-government employees (9.2 %; 95% CI, 7.6 – 11.1) and those with tertiary level education (8.1%; 95% CI, 7.0 – 9.3). Among the ethnic groups, a lower prevalence of the "Bumiputera Sarawak" had their last dental visit between 1 year to less than 2 years ago (1.9%; 95% CI, 0.9 - 3.9) as compared to the other ethnic groups except for the "Orang Asli" and "Indian" ethnicity. A lower prevalence was also observed among those with income less than RM1,000 as compared to those in the higher income brackets, except for those in income brackets between RM1,000 - RM2,999 and RM7,000 - RM7,999 (**Table 4.12**).

4.4.1.3 Between 2 years to less than 3 years ago

The prevalence of population who last had a dental visit between 2 years to less than 3 years ago was 12.0% (95% CI, 11.3 – 12.8). The prevalence was higher in Terengganu (19.7%; 95% CI, 17.0 – 22.6) as compared to other states, except for Negeri Sembilan, Pulau Pinang, Perak and Selangor. The prevalence was also higher in the urban (12.9 %; 95% CI, 12.0 – 13.8), females (13.6 %; 95% CI, 12.6 – 14.6) and notably, those with tertiary level education (20.7%; 95% CI, 18.9 – 22.7). A high prevalence was observed among the 15-19 year old age group (21.8%; 95% CI, 18.8 – 25.2) than the other age groups except for the 10-14 year old age group (19.9%; 95% CI, 16.2 – 24.1). The prevalence was also higher among the government/semi-government employees (18.4%; 95% CI, 16.0 – 21.2) as compared to other occupational groups except for the unpaid worker/homemaker (15.0%; 95% CI, 13.0 – 17.2). Among the household income quantile groups, a higher proportion of the fifth richest household income quantile group (Q5) had their last dental visit in between 2 years to less than 3 years ago (14.9%; 95% CI, 13.5-16.4) as compared to other groups except for the fourth richest household income quantile group (Q4) (**Table 4.12**).

4.4.1.4 Between 3 years to less than 5 years ago

The prevalence of population who had their last dental visit between 3 to less than 5 years ago was 11.6% (95% CI, 1.9 – 12.3) (**Table 4.12**).

4.4.1.5 More than 5 years ago

A quarter of the population had their last dental visit more than 5 years ago [24.5 % (95% CI, 23.5 – 25.5)]. The prevalence was higher among those in the occupational groups of

"retiree"[43.8% (95% CI, 38.9 – 48.9)]. Compared to other ethnic groups except for the "Orang Asli "ethnicity [24.8% (95% CI, 14.7 – 38.8)], a higher proportion of the "Bumiputera Sabah" ethnic group had their last dental visit more than 5 years ago (31.2%; 95% CI, 27.6 – 35.1). A higher prevalence was also seen among those with secondary education level (31.0%; 95% CI, 29.5 – 32.7) as compared to the other education level groups except for the tertiary education level (28.5%; 95% CI, 26.4 – 30.8). Among the household income quantile groups, a higher proportion of the first and second poorest household income quantile group (Q1 and Q2) had their last dental visit in more than 5 years ago as compared to fifth richest household income quantile group (Q5) (**Table 4.12**).

4.4.1.6 Never had a dental visit before

More than one third of the population claimed that they never had a dental visit before (37.0%; 95% CI, 35.6 – 38.5). The prevalence was highest in Sarawak [52.8% (95% CI, 47.0 – 58.5)] as compared to the other states except for Sabah/Labuan and Melaka. The prevalence was also higher in the rural population (42.7%; 95% CI, 40.1 – 45.3), in males (40.2 %; 95% CI, 38.3 - 42.1) and among the population between 0-4 age range group (92.2 %; 95% CI, 89.7 – 94.2). Among the ethnic groups, the prevalence was higher among the "Other" ethnicity (58.5%; 95% CI, 53.8 – 63.0) as compared to other ethnic groups except for the "Bumiputera Sarawak" ethnicity (50.0%; 95% CI, 42.5 – 57.4). A higher prevalence was also seen in those with no formal education (63.9%; 95% CI, 60.4 – 67.4) as compared to the other education level groups. There was a higher proportion of the first and second poorest household income quantile group (Q1 and Q2) who never had a dental visit before as compared to fifth richest household income quantile group (Q5) (**Table 4.12**).

4.4.2 Out-patient oral healthcare utilisation in the last 12 months

4.4.2.1 Sector of healthcare facilities where oral healthcare was sought

In the last 12 months, more than half of the population had visited the government healthcare facilities for oral healthcare (56.9%; 95% CI, 54.8 - 58.9) and a substantial proportion of the population had visited the private healthcare facilities [25.8% (95% CI, 24.0 – 27.6)] (**Table 4.13**).

4.4.2.1a Government healthcare facilities

The prevalence of population who visited the government healthcare facilities in the last 12 months was higher in Pahang (70.2%; 95% CI, 61.3 – 77.8) as compared to Pulau Pinang, Perak, Selangor, WP Kuala Lumpur and WP Putrajaya except for other states. The prevalence was also higher in the rural (69.5%; 95% CI, 66.2 – 72.6) as compared to urban (52.8%; 95% CI, 50.3 – 55.3). As compared to other occupational groups, a higher prevalence was seen among the unemployed population (65.0%; 95% CI, 59.0 – 70.7), unpaid worker/homemaker (65.6%; 95% CI, 60.5 – 70.3),

student (59.9%; 95% CI, 56.3 – 63.4) and retiree (54.0%; 95% CI, 41.5 – 66.0) (**Table 4.13**).

The prevalence was also higher among those in the income brackets of less than RM3,000. A higher prevalence of the "Bumiputera Sabah" ethnicity (80.7%; 95% CI, 75.0 – 85.3) had visited the government healthcare facilities in the last 12 months as compared to other ethnic groups, except for the "Bumiputera Sarawak", "Orang Asli" and "Malays" ethnicity. There was a substantial proportion of the "non-Malaysian" population who had visited the government healthcare facilities in the last 12 months (33.9%; 95% CI, 24.0 – 45.4) (**Table 4.13**).

A lower prevalence was observed for visits to government healthcare facilities in the last 12 months among the population age group between 25-59 years (ranging between 45.7% - 52.4%). The prevalence for visits to government healthcare facilities in the last 12 months was significantly lower among those with tertiary education (38.1%; 95% CI, 34.4 – 42.0) as compared to those who had a lower level education. There was also a significantly lower proportion of the population of the 20% richest household income group (43.0%; 95% CI, 39.7 - 46.4) had visited the government healthcare facilities in the last 12 months as compared to other household income quintile groups (**Table 4.13**).

4.4.2.1b Private healthcare facilities

The prevalence of the population who visited the private healthcare facilities in the last 12 months was higher in Selangor (42.9%; 95% CI, 37.8 – 48.1) as compared to other states except for WP Kuala Lumpur and Pulau Pinang. A higher prevalence was also observed among those in the urban (30.4%; 95% CI, 28.2 – 32.70) and among those who earning RM9,000 and above. A higher prevalence for visits to private healthcare facilities in the last 12 months were observed among the adults of age groups between 20-59 (ranging between 40.9% - 56.1%) as compared to other age groups (**Table 4.13**).

Among the ethnic groups, the prevalence of the population who visited the private healthcare facilities in the last 12 months was higher among the "Chinese" ethnicity (44.6%; 95% CI, 40.1 - 49.1) as compared to other ethnic groups except for the "Others" ethnic group (**Table 4.13**).

The prevalence of the population who visited the private healthcare facilities in the last 12 months was lower among those who were unemployed (22.7%; 95% CI, 17.8 - 28.4) as compared to other occupational groups. A lower prevalence was also seen among those who had primary education, and no formal education (ranging between 11.0%-14.8%) as compared to those with higher education level (ranging between 29.9% - 63.1%) (**Table 4.13**).

4.4.3 The number of healthcare facilities visited for oral healthcare

The majority of the population (98.0%; 95% CI, 97.4 – 98.4) had only visited one healthcare facility for oral healthcare in the last 12 months. Only a small proportion had visited two to three facilities or more than three facilities (**Table 4.14**).

4.4.4 Type of healthcare facilities where oral healthcare was sought

In the last 12 months, more than a third of the population had visited the government dental clinic for oral healthcare (36.6 %; 95% CI, 32.9 – 40.5); followed by visits to government medical clinic (23.5%; 95% CI, 21.0 – 26.2), private dental clinic (22.1%; 95% CI, 19.6 – 24.8) and government hospital (9.8%; 95% CI, 8.2 – 11.7). In addition to these facilities, a small proportion had visited private medical clinics for their oral health problems (7.4%; 95% CI, 6.2 – 8.8). Overall, more than two thirds of the population (70.1%; 95% CI, 62.1 – 79.2) had sought oral healthcare in government healthcare facilities and less than a third (29.8%; 95% CI, 26.0 – 34.4) had visited private healthcare facilities (**Table 4.15**).

4.4.5 Mean number of visits to government healthcare facilities in the last 12 months

The mean number of visits to government healthcare facilities in the last 12 months was 1.31 visits (SD, 2.45, with a median of 1 visit (IQR, 1.0 – 1.0) (**Table 4.16**). About 88.7% (95% CI, 87.2 – 90.2) of the total number of visits to government healthcare facilities for oral healthcare in the last 12 months were only single visits. Less than ten percent of the total number of visits were two visits (6.4%; 95% CI, 5.3 – 7.6) and about 4.9% (95% CI, 4.0 - 5.8) were more than two visits (**Table 4. 17**).

4.4.6 Mean number of visits to private healthcare facilities in the last 12 months

The mean number of visits to private healthcare facilities in the last 12 months was 1.34 visits (SD, 1.33), with a median of 1 visit (IQR, 1.0 – 1.0) (**Table 4.16**). About 84.0% (95% CI, 81.2 – 86.4) of the total number of visits to private healthcare facilities in the last 12 months for oral healthcare were only once. A further 16.0% of the number of visits to private healthcare facilities in the last 12 months for oral healthcare were constituted by a frequency of two visits (10.7%; 95% CI, 8.6 – 13.1) and about 5.4% (95% CI, 4.1 – 6.9) with a frequency of more than 2 visits (**Table 4.18**).

4.4.7 Mean number of visits to urban healthcare facilities in the last 12 months

The mean number of visits to urban healthcare facilities in the last 12 months was 1.37 visits (SD, 2.44), with a median of 1 visit (IQR, 1.0 – 1.0) (**Table 4.16**). About 85.8% (95% CI, 83.9 - 87.5) of the total number of visits to urban healthcare facilities for oral healthcare in the last 12 months were only single visits. Less than 10% of the total number of visits were two visits (8.7%; 95% CI, 7.4 – 10.1) and about 5.5% (95% CI, 4.6 – 6.5) were more than two visits (**Table 4.19**).

4.4.8 Mean number of visits to rural healthcare facilities in the last 12 months

The mean number of visits to rural healthcare facilities in the last 12 months was 1.22 visits (SD, 0.94), with a median of 1 visit (IQR, 1.0 – 1.0) (**Table 4.16**). About 89.4% (95% CI, 87.3 – 91.2) of

the total number of visits to rural healthcare facilities in the last 12 months for oral healthcare were only once. A further 10% of the number of visits to rural healthcare facilities were constituted by a frequency of two visits (5.6%; 95% CI, 4.3 – 7.2) and more than two visits (5.0%; 95% CI, 3.8 - 6.4) (**Table 4.20**).

4.4.9 Distance to government healthcare facility in the last 12 months

The mean distance travelled to seek oral healthcare at government healthcare facilities in the last 12 months was 8.81 km (SD, 25.94), with a median of 4 km (IQR, 2.0 – 8.0) (**Table 4.16**). More than half of the distance (52.8%; 95% CI, 50.4 – 55.2) travelled to seek oral healthcare at government healthcare facilities in the last 12 months were less than 5 km. Slightly less than a third of the distances travelled (30.0%; 95%CI, 27.9 – 32.1) were between 5-10 km and about 17.2 % (95% CI, 15.4 – 19.2) were more than 10 km (**Table 4.21**).

4.4.10 Distance to private healthcare facility in the last 12 months

The mean distance travelled to seek oral healthcare at private healthcare facilities in the last 12 months was 11.93 km (SD, 27.99), with a median of 5 km (IQR, 2.0 – 12.0) (**Table 4.16**). More than 40% of the distances travelled to seek oral healthcare at private healthcare facilities in the last 12 months were less than 5 km (41.5%; 95% CI, 37.8 – 45.2). A third of the total number of distances travelled were between 5-10 km (33.4%; 95% CI, 30.3 – 36.7) and a quarter of distances travelled were more than 10 km (25.1%; 95% CI, 22.3 – 28.2) (**Table 4.22**).

4.4.11 Distance to urban healthcare facility in the last 12 months

The mean distance travelled to seek oral healthcare at urban healthcare facilities in the last 12 months was 9.18 km (SD, 25.54), with a median of 5 km (IQR, 2.0 – 10.0) (**Table 4.16**). Less than half of the distances travelled [47.9% (95% CI, 45.2 – 50.6)] to seek oral healthcare at urban government healthcare facilities in the last 12 months were less than 5 km. About a third of the distances travelled (33.3%; 95%CI, 31.1 – 35.6) were between 5-10 km and about 18.8 % (95% CI, 16.8 – 20.9) were more than 10 km (**Table 4.23**).

4.4.12 Distance to rural healthcare facility in the last 12 months

The mean distance travelled to seek oral healthcare at rural healthcare facilities in the last 12 months was 13.26 km (SD, 32.17), with a median of 5 km (IQR, 2.0 – 14.0) (**Table 4.16**). More than 40% of the distances travelled to seek oral healthcare at rural healthcare facilities in the last 12 months were less than 5 km [47.0% (95% CI, 43.2 – 50.9)]. Slightly more than a quarter of the total number of distances travelled were between 5-10 km (25.6%; 95% CI, 22.5 – 29.0) and more than 10 km (27.4%; 95% CI, 23.6 – 31.5) respectively (**Table 4.24**).

4.4.13 Travelling time to government healthcare facility in the last 12 months

The mean travelling time to seek oral healthcare at government healthcare facilities in the last 12 months was 17.64 minutes (SD, 68.8), with a median of 10 minutes (IQR, 5.0 – 15.0) (**Table 4.16**). More than 85% of the travelling time to government healthcare facilities in the last 12 months were 30 minutes or less (86.3%; 95% CI, 84.5 – 87.8). The prevalence of travelling time of 30

minutes or less was significantly lower in Sarawak (67.8%; 95% CI, 56.7 - 77.3) as compared to other states except for WP Kuala Lumpur and Pulau Pinang. A lower prevalence was also observed among those in the rural locations (79.8%, 95% CI, 76.2 – 83.0). The prevalence of travelling time of between 31- 60 minutes was 12.0% (95% CI, 10.5 – 13.6) while the prevalence for travelling time of more than an hour was 1.8% (95% CI, 1.2 – 2.6) (**Table 4.25**).

4.4.14 Travelling time to private healthcare facility in the last 12 months

The mean travelling time to seek oral healthcare at private healthcare facilities in the last 12 months was 27.09 minutes (SD, 151.50), with a median of 15 minutes (IQR, 10.0 – 20.0) (**Table 4.16**). About 78.5% (95% CI, 75.5 – 81.3) of the travelling times to private healthcare facilities in the last 12 months were 30 minutes or less. The prevalence of travelling time of 30 minutes or less was significantly lower in rural (55.8%; 95% CI, 47.9 – 63.5) than in urban locations (81.6%; 95% CI, 78.4 – 84.5). The prevalence of travelling time of between 31 - 60 minutes was 18.7% (95% CI, 16.1 – 21.6) while the prevalence for travelling times of more than an hour was 2.8% (95% CI, 1.9 – 4.0) (**Table 4.26**).

4.4.15 Travelling time to urban healthcare facility in the last 12 months

The mean travelling time to seek oral healthcare at urban healthcare facilities in the last 12 months was 18.87 minutes (SD, 95.50), with a median of 10 minutes (IQR, 5.0 – 15.0) (**Table 4.16**). About 85% of the travelling time to urban healthcare facilities in the last 12 months were 30 minutes or less (84.9%; 95% CI, 83.0 – 86.6). The prevalence of travelling time of 30 minutes or less was not significantly different across the states. The prevalence of travelling time of between 31- 60 minutes was 13.8% (95% CI, 12.1 – 15.6) while the prevalence for travelling time of more than an hour was 1.4% (95% CI, 0.9 – 1.8) (**Table 4.27**).

4.4.16 Travelling time to rural healthcare facility in the last 12 months

The mean travelling time to seek oral healthcare at rural healthcare facilities in the last 12 months was 29.01 minutes (SD, 120.10), with a median of 15 minutes (IQR, 5.0 – 25.0) (**Table 4.16**). About 75.1% (95% CI, 71.2 – 78.8) of the travelling times to rural healthcare facilities in the last 12 months were 30 minutes or less. The prevalence of travelling time of 30 minutes or less was not significantly different across the states. The prevalence of travelling time of between 31 - 60 minutes was 19.0% (95% CI, 16.3 – 22.1) while the prevalence for travelling times of more than an hour was 5.8% (95% CI, 3.8 – 8.7) (**Table 4.26**).

4.4.17 Mode of transport to government and private healthcare facility visited in the last 12 months

The three most common modes of transport used to travel to government healthcare facilities were as follows; “by car” (53.7%; 95% CI, 51.2 – 56.3), use of “motorcycle” (23.6%; 95% CI, 21.7 – 25.7) and use of “rented/public vehicles” (10.5%; 95% CI, 9.1– 12.0). To travel to private healthcare facilities, the three most common modes of transport used were “by car” (84.0%; 95% CI, 81.3 – 86.3), “by motorcycle” (9.7%; 95% CI, 7.9 – 11.8) and use of “rented/public vehicles” (3.6%; 95% CI, 2.5 – 5.1) (**Table 4.29**).

4.4.18 Mode of transport to urban and rural healthcare facility visited in the last 12 months

The three most common modes of transport used to travel to urban healthcare facilities were as follows; "by car" (68.7%; 95% CI, 66.0 – 71.3), use of "motorcycle" (15.6%; 95% CI, 13.9 – 17.6) and use of "rented/ public vehicles" (7.0%; 95% CI, 5.9– 8.3). To travel to rural healthcare facilities, the three most common modes of transport used were "by car" (77.3%; 95% CI, 73.9 – 80.3), use of "rented/ public vehicles" (12.3%; 95% CI, 9.9– 15.2) and "by walking" (5.8%; (95% CI, 4.4 – 7.7) (**Table 4.30**).

4.5 IMPLICATION

The findings of this study showed a fairly low burden of acute oral health illness, defined as the presence of oral health problems in the last 2 weeks preceding the survey. In contrast to the findings in the previous study (NHMS 2011), the prevalence of the population who practiced self-medication for acute oral health illness rose by 18 percentage points in this study.

The findings also show that public sector is still the main provider of oral healthcare and all quintiles use public services, with a higher proportion among the poorest quintile compared to the richest quintile. Among the richest quintile, the proportion utilizing private oral healthcare services in the last twelve months, more than doubled that among the poorest quintile. Only about 1 in 4 of the population had a dental visit in the last 12 months preceding the survey. Importantly also, about 1 in 4 of the population had their last dental visit more than 5 years ago while in NHMS 2011, the corresponding figure was less than 1 in 5. In addition, about 2 in 5 of the population had never had a dental visit in this study compared to 1 in 2 in NHMS 2011. Notably, about 9 in 10 children aged below 5 had never received oral healthcare.

Good oral health is an integral part of general health and dental check-ups should be perceived as an important component of annual health screening. These findings indicate a compelling need to enhance oral health awareness among the population as well as to strengthen the promotion of individual responsibility towards good oral health. Comparison of findings between recent national surveys in Malaysia are summarized as follows:

Comparing oral health problem, oral health seeking behavior and utilisation from recent surveys in Malaysia

Surveys	NHMS III[1]	NOHSA 2010[2] (adults aged 15 years and above only)	NHMS 2011[3]	NHMS 2015[4]
1. Population with recent oral health problem				
a) Recall period for survey	4 weeks	na	2 weeks	2 weeks
b) Estimated percentage of population with recent oral health problem	10.0%	na	5.7 %	5.2%
2. Oral health seeking behavior for recent oral health problem				
a) Recall period for survey	One year	Less than one year	2 weeks	2 weeks
b) Estimated percentage of population who had sought oral healthcare	19.5%	27.4%	21.9%	26.6%
c) Most common source of oral healthcare/oral healthcare provider and estimated percentage of population	Government dental clinic (53.7%)	Government dental clinic (56.1%)	Self-care (28.1%)	Self-medicate (46.1%)
3. Oral healthcare utilisation				
a) Estimated percentage of population who had never ever sought oral healthcare	28.3%	7.8%	33.6%	37.0%
b) Estimated percentage of population who had a dental visit within last 12 months	19.5%	27.4%	22.4%	27.8%

Notes:
[1] National Health and Morbidity Survey 2006 (NHMS III)
[2] National Oral Health Survey of Adults 2010 (NOHSA 2010)
[3] National Health and Morbidity Survey 2011
[4] National Health and Morbidity Survey 2015
na: not available

4.6 CONCLUSION

Notwithstanding the limitations of the study, the survey has yielded several important findings with respect to the oral health seeking behaviour and utilisation of oral healthcare. To be highlighted are the following findings:

- The public sector was the major provider of oral healthcare for the population in the last 12 months preceding the survey as in NHMS 2011.

- About 6 in 10 of the population had either had their last dental visit more than 5 years ago or had never had a dental visit as compared to 5 in 10 as reported in NHMS 2011. Notably, 9 in 10 toddlers (0 – 4 years) had never had a dental visits before.

- Almost 1 in 2 of the population had practiced self-medication for acute oral health problems and the prevalence for this health behavior had increased about 18 percentage points as compared to the findings in NHMS 2011.

Other key findings of the survey are as summarised in the illustration in **Figure 4.16** These findings provide implications for the delivery of current and future oral healthcare services towards the improvement of the oral health status of the population.

4.7 RECOMMENDATIONS

Taking into cognisance the findings of the study, the following recommendations are made:

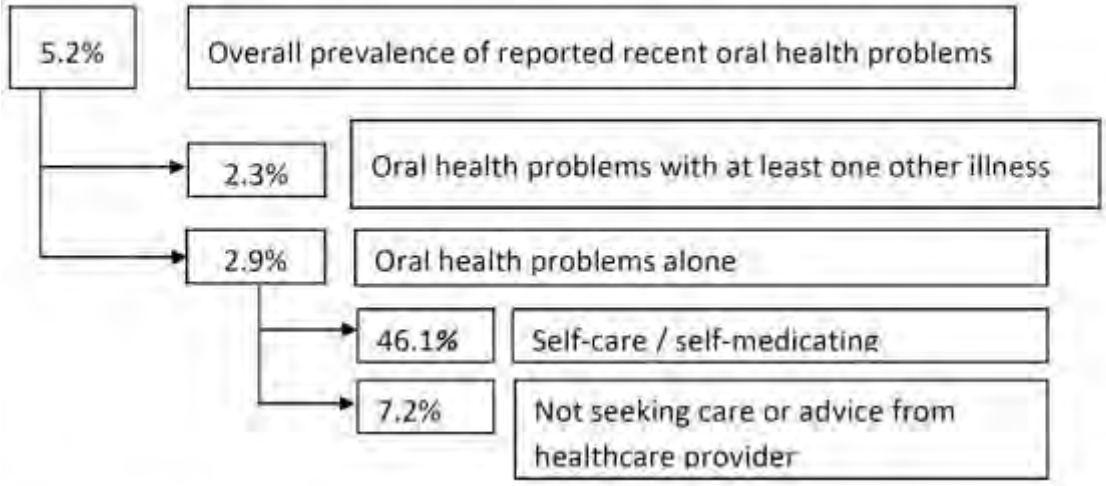
1. Empowering the population through strengthening oral health awareness and advocacy on the importance of annual dental check-ups in oral health promotion messages, particularly among the rural populace and lower income groups.

2. Strengthening oral healthcare programmes for the toddler population.

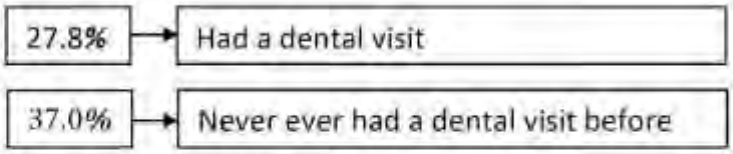
3. Strengthening collaborative efforts with other stakeholders and agencies to improve oral health promotion efforts, including increasing the role of mass media in oral health promotion.

4. Inclusion of preventive oral health visits in future healthcare financing mechanisms in addition to other curative oral healthcare items.

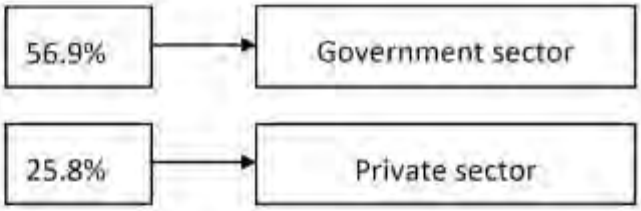
A. **Reported oral health problems in the past 2 weeks**



B. **Utilisation of oral healthcare in the last 12 months**



C. **Reported utilisation for oral healthcare in the last 12 months by sector of facility visited**



D. **Actual utilisation for oral healthcare in the last 12 months by type of facilities visited**

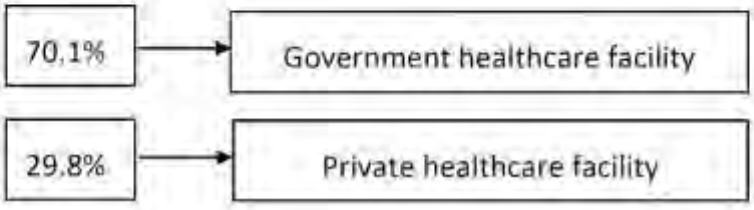


Figure 4.1: Summary of oral health problems, healthcare seeking behavior and oral healthcare utilisation

4.8 TABLE OF FINDINGS

Table 4.1: Prevalence of reported oral health problems in the last 2 weeks

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**1,429**	**1,521,980**	**5.2**	**4.8**	**5.6**
State					
Johor	159	209,419	6.2	4.9	7.7
Kedah	57	57,211	2.9	1.9	4.5
Kelantan	122	104,049	6.4	5.2	7.8
Melaka	63	31,026	3.7	2.4	5.9
Negeri Sembilan	35	19,809	2.0	1.3	3.0
Pahang	67	59,261	3.8	2.9	5.1
Pulau Pinang	94	64,927	4.0	2.6	6.0
Perak	61	66,805	2.8	2.1	3.9
Perlis	75	10,668	4.5	3.3	6.2
Selangor	216	313,921	5.4	4.5	6.4
Terengganu	69	42,241	3.8	2.8	5.1
Sabah/Labuan	228	305,016	8.8	7.5	10.2
Sarawak	100	157,816	6.2	4.3	8.8
WP Kuala Lumpur	41	75,450	4.5	2.5	7.7
WP Putrajaya	42	4,358	5.1	3.7	6.9
Location					
Urban	804	1,074,428	4.9	4.4	5.4
Rural	625	447,551	6.1	5.4	7.0
Sex					
Male	668	790,660	5.2	4.7	5.8
Female	761	731,320	5.1	4.7	5.7
Age Group (years)					
0 – 4	73	64,284	2.6	1.9	3.4
5 – 9	186	191,079	7.9	6.4	9.8
10 – 14	114	111,895	4.4	3.5	5.5
15 – 19	116	145,805	5.5	4.4	6.9
20 – 24	111	164,623	5.8	4.6	7.2
25 – 29	134	198,783	7.1	5.7	8.9
30 – 34	119	170,395	6.5	5.1	8.2
35 – 39	83	84,892	4.1	3.1	5.3
40 – 44	93	93,148	5.0	4.0	6.4
45 – 49	99	76,800	4.6	3.5	6.0
50 – 54	106	86,954	5.8	4.5	7.3
55 – 59	78	59,226	4.7	3.6	6.1
60 – 64	51	31,640	3.4	2.4	4.7
65 – 69	35	24,575	3.6	2.3	5.6
70 – 74	20	11,142	2.8	1.6	4.8
75+	11	6,740	1.2	0.6	2.4
Ethnicity[3]					
Malay	876	773,127	5.0	4.6	5.5
Chinese	157	212,787	3.4	2.8	4.2
Indian	88	101,018	5.2	3.9	7.1
Bumiputera Sabah	122	127,426	8.3	6.7	10.2
Bumiputera Sarawak	41	76,240	5.9	3.5	9.6
Orang Asli	3	4,933	6.2	3.9	9.6
Others	142	226,448	8.0	6.4	10.0

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**1,429**	**1,521,980**	**5.2**	**4.8**	**5.6**
Citizenship					
Malaysian	1327	1,350,700	5.0	4.6	5.4
Non-Malaysian	102	171,280	7.4	5.5	9.7
Marital Status[3]					
Never Married	342	446,982	5.4	4.7	6.2
Married	691	700,741	5.3	4.8	5.9
Widow/Widower/Divorcee	66	48,129	3.4	2.5	4.7
Education Level[3]					
No formal education	84	79,217	4.5	3.5	5.8
Primary	414	400,218	5.2	4.5	5.9
Secondary	555	598,479	5.6	5.0	6.3
Tertiary	205	270,051	5.1	4.4	6.0
Unclassified	53	49,811	4.7	3.4	6.6
Occupation[3]					
Government /Semi-government employee	115	118,251	6.1	4.8	7.9
Private employee	335	467,885	5.8	5.0	6.6
Self-employed	181	168,282	4.9	3.9	6.1
Unpaid worker/homemaker	189	166,160	5.7	4.8	6.8
Retiree	28	23,892	3.9	2.6	5.9
Unemployed	135	117905	4.1	3.3	5.1
Student[4]	116	133,477	4.5	3.6	5.5
Household Income Group (RM)					
Less than RM1,000	219	202,427	5.1	4.3	6.0
RM1,000 – RM1,999	270	275,443	5.6	4.7	6.8
RM2,000 – RM2,999	255	268,058	5.6	4.8	6.6
RM3,000 – RM3,999	187	200,254	5.2	4.3	6.4
RM4,000 – RM4,999	127	149,029	5.2	4.1	6.5
RM5,000 – RM5,999	98	108,850	4.8	3.7	6.1
RM6,000 – RM6,999	74	80,996	5.5	4.1	7.4
RM7,000 – RM7,999	42	38,774	3.2	2.2	4.7
RM8,000 – RM8,999	44	50,743	5.0	3.5	7.1
RM9,000 – RM9,999	18	23124	4.6	2.8	7.5
RM10,000 and above	95	124,280	4.9	3.8	6.3
Household Income Quintiles					
Q1 (Poorest 20%)	178	159,641	4.7	3.9	5.6
Q2	283	298,532	5.9	4.9	7.1
Q3	323	325,907	5.3	4.6	6.2
Q4	287	329,852	5.1	4.3	6.0
Q5 (Richest 20%)	358	408,047	4.9	4.3	5.6
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (Poorest 20%)	320	353,161	6.0	5.2	7.0
Q2	339	331,953	5.7	4.8	6.7
Q3	272	275,820	4.7	4.0	5.6
Q4	288	318,967	5.4	4.7	6.3
Q5 (Richest 20%)	210	242,076	4.1	3.5	4.9

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to answer" & "Not applicable"
4. "Student" include those who aged >13 years old and not working

Table 4.2: Prevalence of oral health problems with other illness in the last 2 weeks

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**662**	**680,229**	**2.3**	**2.1**	**2.6**
State					
Johor	73	96,985	2.9	2.1	3.9
Kedah	20	19,993	1.0	0.6	1.8
Kelantan	51	43,641	2.7	1.9	3.7
Melaka	34	15,431	1.9	1.1	3.2
Negeri Sembilan	14	8,924	0.9	0.5	1.5
Pahang	25	16,944	1.1	0.7	1.8
Pulau Pinang	37	15,393	0.9	0.5	1.6
Perak	30	34,988	1.5	0.9	2.5
Perlis	36	5,564	2.4	1.5	3.7
Selangor	108	148,365	2.5	1.9	3.3
Terengganu	25	17,098	1.5	0.9	2.6
Sabah/Labuan	120	156,551	4.5	3.8	5.4
Sarawak	47	66,970	2.6	1.7	4.0
WP Kuala Lumpur	20	31,076	1.8	1.0	3.4
WP Putrajaya	22	2,305	2.7	1.7	4.3
Location					
Urban	364	473,958	2.1	1.9	2.5
Rural	298	206,271	2.8	2.4	3.3
Sex					
Male	298	339,820	2.2	1.9	2.6
Female	364	340,409	2.4	2.1	2.7
Age Group (years)					
0 – 4	46	39,569	1.6	1.1	2.4
5 – 9	89	82,780	3.4	2.7	4.4
10 – 14	43	39,638	1.5	1.1	2.2
15 – 19	53	70,617	2.7	1.9	3.7
20 – 24	48	71,287	2.5	1.8	3.5
25 – 29	70	104,374	3.8	2.8	4.9
30 – 34	50	63,535	2.4	1.8	3.3
35 – 39	41	38,861	1.9	1.3	2.8
40 – 44	38	41,101	2.2	1.5	3.2
45 – 49	34	23,844	1.4	0.9	2.1
50 – 54	46	35,349	2.3	1.6	3.3
55 – 59	42	30,071	2.4	1.6	3.4
60 – 64	27	14,869	1.6	1.0	2.6
65 – 69	20	15,738	2.3	1.3	4.1
70 – 74	9	4,174	1.0	0.5	2.3
75+	6	4,422	0.8	0.3	1.9
Ethnicity[3]					
Malay	405	15,414,125	2.3	2.0	2.6
Chinese	60	84,338	1.3	0.9	1.9
Indian	41	38,725	2.0	1.4	2.9
Bumiputera Sabah	70	72,433	4.7	3.6	6.2
Bumiputera Sarawak	18	26,276	2.0	1.0	4.1
Orang Asli	0	0	0.0	-	-
Others	68	109,145	3.9	3.0	5.0

Sociodemographic characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**662**	**680,229**	**2.3**	**2.1**	**2.6**
Citizenship					
Malaysian	615	604,659	2.2	2.0	2.5
Non-Malaysian	47	75,570	3.2	2.3	4.6
Marital Status[3]					
Never Married	154	206,661	2.5	2.0	3.0
Married	313	302,885	2.3	2.0	2.7
Widow/Widower/Divorcee	34	24,702	1.8	1.1	2.8
Education Level[3]					
No formal education	46	38,496	2.2	1.5	3.2
Primary	196	187,342	2.4	2.0	2.9
Secondary	223	236,328	2.2	1.9	2.6
Tertiary	105	132,497	2.5	2.0	3.2
Unclassified	21	24,517	2.3	1.3	4.1
Occupation[3]					
Government /Semi-government employee	55	55,575	2.9	2.0	4.2
Private employee	154	216,960	2.7	2.2	3.2
Self-employed	76	63,009	1.8	1.3	2.5
Unpaid worker/homemaker	89	80,882	2.8	2.1	3.6
Retiree	11	9,193	1.5	0.7	3.1
Unemployed	71	60908	2.1	1.6	2.8
Student[4]	45	47,721	1.6	1.2	2.2
Household Income Group (RM)					
Less than RM1,000	100	89,275	2.2	1.8	2.8
RM1,000 – RM1,999	132	123,681	2.5	2.0	3.2
RM2,000 – RM2,999	115	119,917	2.5	2.0	3.2
RM3,000 – RM3,999	93	96,286	2.5	2.0	3.2
RM4,000 – RM4,999	65	77,328	2.7	1.9	3.7
RM5,000 – RM5,999	39	36,754	1.6	1.1	2.4
RM6,000 – RM6,999	28	31,527	2.2	1.3	3.6
RM7,000 – RM7,999	19	13,815	1.1	0.7	2.0
RM8,000 – RM8,999	20	23,954	2.4	1.4	3.9
RM9,000 – RM9,999	7	11046	2.2	1.0	5.0
RM10,000 and above	44	56,647	2.2	1.5	3.3
Household Income Quintiles					
Q1 (Poorest 20%)	81	70,145	2.1	1.6	2.7
Q2	138	133,302	2.6	2.1	3.3
Q3	149	149,039	2.4	2.0	3.0
Q4	140	157,820	2.5	2.0	3.1
Q5 (Richest 20%)	154	169,922	2.0	1.7	2.5
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (Poorest 20%)	151	161,140	2.7	2.2	3.4
Q2	169	164,388	2.8	2.3	3.4
Q3	114	102,820	1.8	1.4	2.2
Q4	136	148,681	2.5	2.0	3.1
Q5 (Richest 20%)	92	103,196	1.8	1.3	2.3

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. "Student" include those who aged >13 years old and not working.

Table 4.3: Prevalence of oral health problems only in the last 2 weeks

Sociodemographic Characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**767**	**841,751**	**2.9**	**2.6**	**3.2**
State					
Johor	86	112,434	3.3	2.5	4.4
Kedah	37	37,219	1.9	1.2	3.1
Kelantan	71	60,408	3.7	2.8	4.9
Melaka	29	15,595	1.9	1.0	3.7
Negeri Sembilan	21	10,885	1.1	0.6	2.1
Pahang	42	42,317	2.7	1.9	3.9
Pulau Pinang	57	49,535	3.0	1.8	5.0
Perak	31	31,817	1.4	0.9	2.0
Perlis	39	5,104	2.2	1.4	3.3
Selangor	108	165,556	2.8	2.3	3.5
Terengganu	44	25,142	2.3	1.6	3.1
Sabah/Labuan	108	148,465	4.3	3.4	5.3
Sarawak	53	90,846	3.6	2.3	5.6
WP Kuala Lumpur	21	44,374	2.6	1.3	5.3
WP Putrajaya	20	2,053	2.4	1.7	3.4
Location					
Urban	440	600,470	2.7	2.4	3.1
Rural	327	241,281	3.3	2.8	3.9
Sex					
Male	370	450,840	3.0	2.6	3.4
Female	397	390,911	2.8	2.4	3.1
Age Group (years)					
0 – 4	27	24,715	1.0	0.6	1.5
5 – 9	97	108,298	4.5	3.3	6.2
10 – 14	71	72,257	2.8	2.1	3.8
15 – 19	63	75,187	2.9	2.2	3.8
20 – 24	63	93,336	3.3	2.4	4.4
25 – 29	64	94,410	3.4	2.4	4.8
30 – 34	69	106,860	4.1	3.0	5.5
35 – 39	42	46,031	2.2	1.5	3.2
40 – 44	55	52,047	2.8	2.1	3.8
45 – 49	65	52,955	3.2	2.3	4.3
50 – 54	60	51,605	3.4	2.5	4.6
55 – 59	36	29,155	2.3	1.6	3.3
60 – 64	24	16,771	1.8	1.1	3.0
65 – 69	15	8,837	1.3	0.6	2.6
70 – 74	11	6,968	1.7	0.8	3.6
75+	5	2,318	0.4	0.1	1.1
Ethnicity[3]					
Malay	471	423,816	2.7	2.4	3.1
Chinese	97	128,449	2.1	1.6	2.6
Indian	47	62,293	3.2	2.2	4.8
Bumiputera Sabah	52	54,993	3.6	2.6	4.9
Bumiputera Sarawak	23	49,964	3.8	2.0	7.1
Orang Asli	3	4,933	6.2	3.9	9.6
Others	74	117,303	4.2	3.1	5.7

Sociodemographic Characteristics	Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**767**	**841,751**	**2.9**	**2.6**	**3.2**
Citizenship					
Malaysian	712	746,041	2.8	2.5	3.1
Non-Malaysian	55	95,710	4.1	2.9	5.8
Marital Status[3]					
Never Married	188	240,321	2.9	2.4	3.5
Married	378	397,855	3.0	2.6	3.4
Widow/Widower/Divorcee	32	23,427	1.7	1.1	2.6
Education Level[3]					
No formal education	38	40,722	2.3	1.6	3.4
Primary	218	212,875	2.7	2.3	3.3
Secondary	332	362,150	3.4	2.9	4.0
Tertiary	100	137,554	2.6	2.1	3.2
Unclassified	32	25,294	2.4	1.7	3.5
Occupation[3]					
Government /Semi- government Employee	60	62,677	3.3	2.4	4.4
Private employee	181	250,925	3.1	2.6	3.7
Self-employed	105	105,273	3.0	2.3	4.0
Unpaid worker/homemaker	100	85,277	2.9	2.3	3.7
Retiree	17	14,698	2.4	1.4	4.1
Unemployed	64	56997	2.1	1.6	2.8
Student[4]	71	85,756	1.6	1.2	2.2
Household Income Group (RM)					
Less than RM1,000	119	113,152	2.8	2.3	3.5
RM1,000 – RM1,999	138	151,762	3.1	2.3	4.1
RM2,000 – RM2,999	140	148,141	3.1	2.5	3.9
RM3,000 – RM3,999	94	103,968	2.7	2.0	3.7
RM4,000 – RM4,999	62	71,702	2.5	1.8	3.4
RM5,000 – RM5,999	59	72,097	3.2	2.3	4.3
RM6,000 – RM6,999	46	49,469	3.4	2.3	5.0
RM7,000 – RM7,999	23	24,959	2.1	1.3	3.3
RM8,000 – RM8,999	24	26,790	2.7	1.7	4.2
RM9,000 – RM9,999	11	12078	2.4	1.2	4.7
RM10,000 and above	51	67,633	2.7	2.0	3.6
Household Income Quintiles					
Q1 (Poorest 20%)	97	89,496	2.6	2.1	3.3
Q2	145	165,229	3.3	2.5	4.3
Q3	174	176,869	2.9	2.4	3.5
Q4	147	172,032	2.7	2.1	3.4
Q5 (Richest 20%)	204	238,125	2.9	2.4	3.4
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (Poorest 20%)	169	192,021	3.3	2.6	4.0
Q2	170	167,565	2.9	2.3	3.6
Q3	158	173,000	3.0	2.3	3.7
Q4	152	170,286	2.9	2.4	3.6
Q5 (Richest 20%)	118	138,880	2.4	1.9	2.9

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. "Student" include those who aged >13 years old and not working.

Table 4.4: Prevalence of seeking treatment/advice from healthcare provider for recent oral health problems without any other illness in the last 2 week

Sociodemographic characteristics	Sought oral healthcare					Did not seek oral healthcare				
	Count[1]	Estimated population[2]	Prevalence (%)	95% CI Lower	95% CI Upper	Count[1]	Estimated population[2]	Prevalence (%)	95% CI Lower	95% CI Upper
MALAYSIA	**206**	**223,486**	**26.6**	**22.7**	**30.8**	561	**618,264**	**73.4**	**69.2**	**77.3**
State										
Johor	21	26,044	23.2	14.1	35.7	65	86,391	76.8	64.3	85.9
Kedah	13	13,611	36.6	19.0	58.6	24	13,611	63.4	41.4	81.0
Kelantan	12	8,764	14.5	7.8	25.4	59	8,764	85.5	74.6	92.2
Melaka	11	4,991	32.0	9.5	67.8	18	4,991	68.0	32.2	90.5
Negeri Sembilan	6	3,520	32.3	14.5	57.4	15	3,520	67.7	42.6	85.5
Pahang	15	16,967	40.1	24.4	58.1	27	16,967	59.9	41.9	75.6
Pulau Pinang	18	18,762	37.9	18.4	62.3	39	18,762	62.1	37.7	81.6
Perak	10	8,619	27.1	14.8	44.4	21	8,619	72.9	55.6	85.2
Perlis	8	853	16.7	8.7	29.6	31	853	83.3	70.4	91.3
Selangor	38	53,314	32.2	24.3	41.3	70	53,314	67.8	58.7	75.7
Terengganu	3	1,614	6.4	2.0	19.1	41	1,614	93.6	80.9	98.0
Sabah & WP Labuan	24	32,065	21.6	12.9	33.9	84	32,065	78.4	66.1	87.1
Sarawak	17	21,351	23.5	12.3	40.2	36	21,351	76.5	59.8	87.7
WP Kuala Lumpur	3	12,421	28.0	11.5	53.9	18	12,421	72.0	46.1	88.5
WP Putrajaya	7	591	28.8	13.0	52.3	13	591	71.2	47.7	87.0
Location										
Urban	127	168,533	28.1	23.3	33.4	313	431,937	71.9	66.6	76.7
Rural	79	54,953	22.8	16.9	30.0	248	186,328	77.2	70.0	83.1
Sex										
Male	90	117,478	26.1	20.2	32.9	280	333,362	73.9	67.1	79.8
Female	116	106,008	27.1	22.1	32.7	281	284,902	72.9	67.3	77.9
Age Group (years)										
0 – 4	14	14,651	59.3	37.5	78.0	13	10,064	40.7	22.0	62.5
5 – 9	30	31,650	29.2	18.9	42.2	67	76,649	70.8	57.8	81.1
10 – 14	16	15,832	21.9	13.3	34.0	55	56,425	78.1	66.0	86.7
15 – 19	9	12,155	16.2	8.3	29.1	54	63,033	83.8	70.9	91.7
20 – 24	10	18,566	19.9	10.0	35.7	53	74,769	80.1	64.3	90.0
25 – 29	17	21,745	23.0	12.1	39.4	47	72,664	77.0	60.6	87.9
30 – 34	22	31,424	29.4	16.9	46.1	47	75,436	70.6	53.9	83.1
35 – 39	10	12,079	26.2	12.2	47.6	32	33,952	73.8	52.4	87.8
40 – 44	13	13,000	25.0	13.8	40.9	42	39,047	75.0	59.1	86.2
45 – 49	18	15,872	30.0	18.4	44.8	47	37,083	70.0	55.2	81.6

Sociodemographic characteristics	Sought oral healthcare					Did not seek oral healthcare				
	Count[1]	Estimated population[2]	Prevalence (%)	95% CI Lower	95% CI Upper	Count[1]	Estimated population[2]	Prevalence (%)	95% CI Lower	95% CI Upper
MALAYSIA	**206**	**223,486**	**26.6**	**22.7**	**30.8**	561	**618,264**	**73.4**	**69.2**	**77.3**
50 – 54	21	15,710	30.4	18.6	45.7	39	35,895	69.6	54.3	81.4
55 – 59	12	10,046	34.5	19.2	53.8	24	19,109	65.5	46.2	80.8
60 – 64	7	6,173	36.8	16.5	63.3	17	10,599	63.2	36.7	83.5
65 – 69	3	2,491	28.2	7.7	64.9	12	6,346	71.8	35.1	92.3
70 – 74	4	2,092	30.0	7.2	70.5	7	4,876	70.0	29.5	92.8
75+	0	0	0.0	-	-	5	2,318	100.0	-	-
Ethnicity[3]										
Malay	118	105,784	25.0	20.5	30.0	353	318,032	75.0	70.0	79.5
Chinese	34	43,994	34.2	24.3	45.8	63	84,455	65.8	54.2	75.7
Indian	13	20,685	33.2	17.3	54.2	34	41,608	66.8	45.8	82.7
Bumiputera Sabah	16	13,458	24.5	15.1	37.1	36	41,535	75.5	62.9	84.9
Bumiputera Sarawak	8	11,392	22.8	8.9	47.1	15	38,572	77.2	52.9	91.1
Orang Asli	0	0	0.0	-	-	3	4,933	100.0	-	-
Others	17	28,174	24.0	13.2	39.6	57	89,129	76.0	60.4	86.8
Citizenship										
Malaysian	195	202,560	27.2	23.2	31.5	517	543,481	72.8	68.5	76.8
Non-Malaysian	11	20,926	21.9	10.7	39.6	44	74,784	78.1	60.4	89.3
Marital Status[3]										
Never married	31	41,817	17.4	11.3	25.9	157	198,504	82.6	74.1	88.7
Married	115	120,703	30.3	24.5	36.9	263	277,153	69.7	63.1	75.5
Widow/Widower/Divorcee	6	4,572	19.5	7.6	41.6	26	18,855	80.5	58.4	92.4
Education Level[3]										
No formal education	10	13,522	33.2	15.5	57.4	28	27,200	66.8	42.6	84.5
Primary	63	59,972	28.2	21.1	36.5	155	152,903	71.8	63.5	78.9
Secondary	83	93,784	25.9	20.1	32.6	249	268,366	74.1	67.4	79.9
Tertiary	25	30,855	22.4	14.4	33.2	75	106,699	77.6	66.8	85.6
Unclassified	5	5,137	20.3	8.7	40.6	27	20,157	79.7	59.4	91.3
Occupation[3]										
Government /Semi-government employee	18	16,043	25.6	14.7	40.7	42	46,633	74.4	59.3	85.3
Private employee	38	52,253	20.8	14.2	29.4	143	198,671	79.2	70.6	85.8
Self employed	27	35,888	34.1	20.8	50.4	78	69,386	65.9	49.6	79.2
Unpaid worker/homemaker	34	26,286	30.8	21.0	42.8	66	58,992	69.2	57.2	79.0
Retiree	4	3,628	24.7	8.4	53.9	13	11,071	75.3	46.1	91.6
Unemployed	19	17724	31.1	18.1	48.0	45	39,273	68.9	52.0	81.9
Student[4]	12	15,270	17.8	9.3	31.4	59	70,486	82.2	68.6	90.7

Sociodemographic characteristics	Sought oral healthcare					Did not seek oral healthcare				
	Count[1]	Estimated population[2]	Prevalence (%)	95% CI		Count[1]	Estimated population[2]	Prevalence (%)	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**206**	**223,486**	**26.6**	**22.7**	**30.8**	561	**618,264**	**73.4**	**69.2**	**77.3**
Household Income Group (RM)										
Less than RM1,000	28	26,875	23.8	15.8	34.1	91	86,277	76.2	65.9	84.2
RM1,000 – RM1,999	33	34,878	23.0	14.3	34.8	105	116,884	77.0	65.2	85.7
RM2,000 – RM2,999	37	42,236	28.5	19.5	39.7	103	105,905	71.5	60.3	80.5
RM3,000 – RM3,999	32	27,646	26.6	16.5	39.9	62	76,322	73.4	60.1	83.5
RM4,000 – RM4,999	23	28,469	39.7	26.3	54.8	39	43,233	60.3	45.2	73.7
RM5,000 – RM5,999	12	13,181	18.3	9.1	33.4	47	58,915	81.7	66.6	90.9
RM6,000 – RM6,999	11	14,859	30.0	17.4	46.7	35	34,610	70.0	53.3	82.6
RM7,000 – RM7,999	6	5,107	20.5	7.7	44.1	17	19,852	79.5	55.9	92.3
RM8,000 – RM8,999	7	8,012	29.9	15.1	50.6	17	18,778	70.1	49.4	84.9
RM9,000 – RM10,000	1	2,312	19.1	2.8	65.7	10	9,765	80.9	34.3	97.2
RM10,000 and above	16	19,910	29.4	17.1	45.8	35	47,723	70.6	54.2	82.9
Household Income Quintiles										
Q1 (20% poorest)	24	24,003	26.8	17.4	39.0	73	65,493	73.2	61.0	82.6
Q2	31	33,785	20.4	12.3	32.0	114	131,445	79.6	68.0	87.7
Q3	50	52,414	29.6	21.5	39.3	124	124,454	70.4	60.7	78.5
Q4	49	51,630	30.0	20.9	41.1	98	120,402	70.0	58.9	79.1
Q5 (20% richest)	52	61,655	25.9	19.6	33.4	152	176,470	74.1	66.6	80.4
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	37	35,840	18.7	12.0	27.9	132	156,181	81.3	72.1	88.0
Q2	41	45,045	26.9	18.8	36.9	129	122,520	73.1	63.1	81.2
Q3	41	42,310	24.5	16.9	34.1	117	130,690	75.5	65.9	83.1
Q4	48	54,387	31.9	24.0	41.0	104	115,899	68.1	59.0	76.0
Q5 (20% richest)	39	45,909	33.1	22.9	45.0	79	92,971	66.9	55.0	77.1

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. "Student" include those who aged <13 years old and not working.

Table 4.5: Type of care sought for recent oral health problems without any other illness in the last 2 weeks

Type of care	Count	Estimated population	Prevalence (%)	95% CI	
				Lower	Upper
Self-medicate	336	387,948	46.1	41.2	51.1
Seek treatment or advice from healthcare provider	206	223,486	26.6	22.7	30.8
Purchase medicine after getting advised from pharmacist	177	195,609	23.2	19.5	27.5
Getting advice from other than healthcare provider	58	60,535	7.2	5.3	9.7
Doing anything else	10	8,751	1.0	0.5	2.1

Notes:

1. 95% CI = 95% Confidence Interval
2. "Count" = number of respondents who answered the responding type of care item.

Table 4.6: Prevalence of self-care/self-medication oral health behaviour in the last 2 weeks

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**336**	**387,948**	**46.1**	**41.2**	**51.1**
State					
Johor	31	41,039	36.5	25.3	49.4
Kedah	15	12,667	34.0	21.4	49.5
Kelantan	21	19,595	32.4	22.2	44.6
Melaka	11	6,114	39.2	10.5	78.0
Negeri Sembilan	7	4,036	37.1	16.1	64.4
Pahang	13	13,810	32.6	17.6	52.4
Pulau Pinang	22	10,837	21.9	8.7	45.1
Perak	20	21,295	66.9	45.3	83.2
Perlis	19	2,728	53.5	36.0	70.1
Selangor	44	70,036	42.3	32.4	52.9
Terengganu	21	11,142	44.3	28.8	61.1
Sabah & WP Labuan	70	103,637	69.8	59.4	78.5
Sarawak	24	45,497	50.1	28.8	71.4
WP Kuala Lumpur	10	24,578	55.4	33.7	75.2
WP Putrajaya	8	937	45.6	23.4	69.7
Location					
Urban	176	254,168	42.3	36.6	48.3
Rural	160	133,780	55.4	46.8	63.8
Sex					
Male	182	227,382	50.4	43.3	57.6
Female	154	160,566	41.1	35.2	47.2
Age Group (years)					
0 – 4	9	5,515	22.3	10.5	41.4
5 – 9	28	31,585	29.2	17.5	44.5
10 – 14	29	26,639	36.9	25.5	49.8
15 – 19	28	34,188	45.5	31.8	59.9
20 – 24	38	54,676	58.6	43.9	71.9
25 – 29	28	52,033	55.1	38.3	70.8
30 – 34	25	47,079	44.1	30.3	58.8
35 – 39	20	22,832	49.6	31.3	68.0
40 – 44	31	28,991	55.7	39.8	70.5
45 – 49	34	31,962	60.4	44.3	74.5
50 – 54	26	22,646	43.9	29.8	59.0
55 – 59	16	11,461	39.3	22.3	59.3
60 – 64	10	8,027	47.9	24.5	72.2
65 – 69	6	3,890	44.0	16.0	76.5
70 – 74	4	4,425	63.5	29.0	88.1
75+	4	1,998	86.2	39.2	98.4
Ethnicity[3]					
Malay	189	166,700	39.3	33.8	45.2
Chinese	41	55,118	42.9	31.7	54.9
Indian	16	24,449	39.2	22.3	59.3
Bumiputera Sabah	30	32,722	59.5	44.5	72.9
Bumiputera Sarawak	10	19,959	39.9	16.1	69.8
Orang Asli	2	3,433	69.6	11.3	97.6
Others	48	85,566	72.9	58.8	83.6

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**336**	**387,948**	**46.1**	**41.2**	**51.1**
Citizenship					
Malaysian	304	321,830	43.1	38.2	48.2
Non-Malaysian	32	66,118	69.1	52.6	81.8
Marital Status[3]					
Never married	89	119,682	49.8	40.7	58.9
Married	176	200,453	50.4	43.8	57.0
Widow/Widower/Divorcee	13	10,217	43.6	24.3	65.1
Education Level[3]					
No formal education	13	21,046	51.7	31.8	71.1
Primary	93	93,557	43.9	35.3	53.0
Secondary	157	177,464	49.0	41.1	57.0
Tertiary	46	67,472	49.1	38.1	60.1
Unclassified	11	8,646	34.2	19.2	53.1
Occupation[3]					
Government /Semi-government employee	23	19,594	31.3	19.7	45.7
Private employee	91	140,134	55.8	46.3	65.0
Self employed	55	60,040	57.0	43.5	69.6
Unpaid worker/homemaker	44	42,266	49.6	37.6	61.6
Retiree	7	6,260	42.6	19.9	68.9
Unemployed	31	29584	51.9	37.4	66.1
Student[4]	27	32,475	37.9	26.1	51.2
Household Income Group (RM)					
Less than RM1,000	63	68,616	60.6	50.3	70.1
RM1,000 – RM1,999	63	81,015	53.4	40.0	66.3
RM2,000 – RM2,999	50	52,787	35.6	25.0	47.8
RM3,000 – RM3,999	41	42,243	40.6	26.6	56.3
RM4,000 – RM4,999	21	26,367	36.8	23.7	52.1
RM5,000 – RM5,999	31	45,332	62.9	47.7	75.9
RM6,000 – RM6,999	23	23,473	47.5	32.2	63.2
RM7,000 – RM7,999	11	11,834	47.4	26.8	69.0
RM8,000 – RM8,999	10	10,240	38.2	21.3	58.6
RM9,000 – RM10,000	2	2,072	17.2	3.3	55.3
RM10,000 and above	21	23,968	35.4	20.6	53.8
Household Income Quintiles					
Q1 (20% poorest)	53	53,851	60.2	48.6	70.7
Q2	67	91,061	55.1	42.4	67.2
Q3	66	67,319	38.1	28.2	49.0
Q4	58	68,141	39.6	29.2	51.1
Q5 (20% richest)	92	107,576	45.2	37.2	53.4
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (20% poorest)	90	124,074	64.6	54.4	73.6
Q2	68	74,300	44.3	34.5	54.7
Q3	64	62,218	36.0	26.3	47.0
Q4	72	80,311	47.2	37.3	57.2
Q5 (20% richest)	42	47,043	33.9	24.3	44.9

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. "Student" include those who aged >13 years old and not working

Table 4.7: Prevalence of sought care or advice from healthcare provider in the last 2 weeks

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	206	223,486	26.6	22.7	30.8
State					
Johor	21	26,044	23.2	14.1	35.7
Kedah	13	13,611	36.6	19.0	58.6
Kelantan	12	8,764	14.5	7.8	25.4
Melaka	11	4,991	32.0	9.5	67.8
Negeri Sembilan	6	3,520	32.3	14.5	57.4
Pahang	15	16,967	40.1	24.4	58.1
Pulau Pinang	18	18,762	37.9	18.4	62.3
Perak	10	8,619	27.1	14.8	44.4
Perlis	8	853	16.7	8.7	29.6
Selangor	38	53,314	32.2	24.3	41.3
Terengganu	3	1,614	6.4	2.0	19.1
Sabah & WP Labuan	24	32,065	21.6	12.9	33.9
Sarawak	17	21,351	23.5	12.3	40.2
WP Kuala Lumpur	3	12,421	28.0	11.5	53.9
WP Putrajaya	7	591	28.8	13.0	52.3
Location					
Urban	127	168,533	28.1	23.3	33.4
Rural	79	54,953	22.8	16.9	30.0
Sex					
Male	90	117,478	26.1	20.2	32.9
Female	116	106,008	27.1	22.1	32.7
Age Group (years)					
0 – 4	14	14,651	59.3	37.5	78.0
5 – 9	30	31,650	29.2	18.9	42.2
10 – 14	16	15,832	21.9	13.3	34.0
15 – 19	9	12,155	16.2	8.3	29.1
20 – 24	10	18,566	19.9	10.0	35.7
25 – 29	17	21,745	23.0	12.1	39.4
30 – 34	22	31,424	29.4	16.9	46.1
35 – 39	10	12,079	26.2	12.2	47.6
40 – 44	13	13,000	25.0	13.8	40.9
45 – 49	18	15,872	30.0	18.4	44.8
50 – 54	21	15,710	30.4	18.6	45.7
55 – 59	12	10,046	34.5	19.2	53.8
60 – 64	7	6,173	36.8	16.5	63.3
65 – 69	3	2,491	28.2	7.7	64.9
70 – 74	4	2,092	30.0	7.2	70.5
75+	0	0	0.0	-	-
Ethnicity[3]					
Malay	118	105,784	25.0	20.5	30.0
Chinese	34	43,994	34.2	24.3	45.8
Indian	13	20,685	33.2	17.3	54.2
Bumiputera Sabah	16	13,458	24.5	15.1	37.1
Bumiputera Sarawak	8	11,392	22.8	8.9	47.1
Orang Asli	0	0	0.0	-	-
Others	17	28,174	24.0	13.2	39.6

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	206	223,486	26.6	22.7	30.8
Citizenship					
Malaysian	195	202,560	27.2	23.2	31.5
Non-Malaysian	11	20,926	21.9	10.7	39.6
Marital Status [3]					
Never married	31	41,817	17.4	11.3	25.9
Married	115	120,703	30.3	24.5	36.9
Widow/Widower/Divorcee	6	4,572	19.5	7.6	41.6
Education Level [3]					
No formal education	10	13,522	33.2	15.5	57.4
Primary	63	59,972	28.2	21.1	36.5
Secondary	83	93,784	25.9	20.1	32.6
Tertiary	25	30,855	22.4	14.4	33.2
Unclassified	5	5,137	20.3	8.7	40.6
Occupation [3]					
Government /Semi-government employee	18	16,043	25.6	14.7	40.7
Private employee	38	52,253	20.8	14.2	29.4
Self employed	27	35,888	34.1	20.8	50.4
Unpaid worker/homemaker	34	26,286	30.8	21.0	42.8
Retiree	4	3,628	24.7	8.4	53.9
Unemployed	19	17724	30.8	21.0	42.8
Student[4]	12	15,270	24.7	8.4	53.9
Household Income Group (RM)					
Less than RM1,000	28	26,875	23.8	15.8	34.1
RM1,000 – RM1,999	33	34,878	23.0	14.3	34.8
RM2,000 – RM2,999	37	42,236	28.5	19.5	39.7
RM3,000 – RM3,999	32	27,646	26.6	16.5	39.9
RM4,000 – RM4,999	23	28,469	39.7	26.3	54.8
RM5,000 – RM5,999	12	13,181	18.3	9.1	33.4
RM6,000 – RM6,999	11	14,859	30.0	17.4	46.7
RM7,000 – RM7,999	6	5,107	20.5	7.7	44.1
RM8,000 – RM8,999	7	8,012	29.9	15.1	50.6
RM9,000 – RM10,000	1	2,312	19.1	2.8	65.7
RM10,000 and above	16	19,910	29.4	17.1	45.8
Household Income Quintiles					
Q1 (20% poorest)	24	24,003	26.8	17.4	39.0
Q2	31	33,785	20.4	12.3	32.0
Q3	50	52,414	29.6	21.5	39.3
Q4	49	51,630	30.0	20.9	41.1
Q5 (20% richest)	52	61,655	25.9	19.6	33.4
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (20% poorest)	37	35,840	18.7	12.0	27.9
Q2	41	45,045	26.9	18.8	36.9
Q3	41	42,310	24.5	16.9	34.1
Q4	48	54,387	31.9	24.0	41.0
Q5 (20% richest)	39	45,909	33.1	22.9	45.0

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. "Student" include those who aged >13 years old and not working.

Table 4.8: Prevalence of purchasing medication after obtaining advice from a pharmacist for oral health illness in the last 2 weeks

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**177**	**196,609**	**23.2**	**19.5**	**27.5**
State					
Johor	24	31,317	27.9	18.4	39.7
Kedah	9	6,583	17.7	9.0	31.9
Kelantan	22	17,257	28.6	18.9	40.7
Melaka	2	2,011	12.9	3.1	40.6
Negeri Sembilan	3	946	8.7	3.2	21.8
Pahang	3	3,524	8.3	2.6	23.9
Pulau Pinang	14	12,866	26.0	8.9	55.9
Perak	7	7,444	23.4	10.1	45.2
Perlis	9	1,195	23.4	10.7	43.8
Selangor	22	35,823	21.6	14.2	31.5
Terengganu	13	7,535	30.0	18.2	45.2
Sabah & WP Labuan	30	44,582	30.0	20.3	42.0
Sarawak	14	18,260	20.1	9.9	36.7
WP Kuala Lumpur	4	6,152	13.9	4.0	38.4
WP Putrajaya	1	113	5.5	0.7	32.4
Location					
Urban	94	137,059	22.8	18.2	28.2
Rural	83	58,550	24.3	18.4	31.3
Sex					
Male	97	115,018	25.5	20.3	31.6
Female	97	80,591	20.6	16.1	26.0
Age Group (years)					
0 – 4	8	6,716	27.2	12.6	49.2
5 – 9	17	19,950	18.4	10.5	30.3
10 – 14	16	18,472	25.6	15.8	38.6
15 – 19	13	14,452	19.2	10.3	33.0
20 – 24	15	17,243	18.5	10.6	30.3
25 – 29	17	30,963	32.8	19.3	49.9
30 – 34	18	28,581	26.7	15.2	42.7
35 – 39	2	2,181	4.7	1.1	17.7
40 – 44	15	12,748	24.5	13.5	40.3
45 – 49	16	14,595	27.6	13.9	47.3
50 – 54	16	14,819	28.7	16.9	44.4
55 – 59	10	5,931	20.3	9.7	37.7
60 – 64	7	4,635	27.6	12.0	51.7
65 – 69	4	2,673	30.2	8.2	67.8
70 – 74	1	656	9.4	1.2	46.5
75+	2	995	42.9	9.0	85.1
Ethnicity[3]					
Malay	109	94,837	22.4	18.0	27.4
Chinese	23	33,718	26.3	16.9	38.4
Indian	4	5,077	8.2	2.9	21.0
Bumiputera Sabah	13	13,304	24.2	14.0	38.4
Bumiputera Sarawak	5	10,256	20.5	6.7	48.0
Orang Asli	0	0	0.0	-	-
Others	23	38,416	32.7	20.0	48.8

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**177**	**196,609**	**23.2**	**19.5**	**27.5**
Citizenship					
Malaysian	160	166,522	22.3	18.6	26.5
Non-Malaysian	17	29,087	30.4	17.0	48.2
Marital Status[3]					
Never married	40	51,471	21.4	14.7	30.0
Married	92	95,934	24.1	18.5	30.8
Widow/Widower/Divorcee	6	5,481	23.4	9.8	46.2
Education Level[3]					
No formal education	11	15,888	39.0	19.6	62.6
Primary	49	51,798	24.3	18.0	32.0
Secondary	76	79,830	22.0	16.5	28.8
Tertiary	22	29,306	21.3	13.4	32.2
Unclassified	9	8,008	31.7	16.5	52.1
Occupation[3]					
Government /Semi-government employee	10	6,786	10.8	5.2	21.1
Private employee	47	74,020	29.5	21.9	38.4
Self employed	25	22,387	21.3	12.5	33.9
Unpaid worker/homemaker	24	18,090	21.2	12.9	32.9
Retiree	6	4,418	30.1	12.2	57.1
Unemployed	15	14,015	24.6	14.0	39.5
Student[4]	11	13,170	15.4	8.1	27.3
Household Income Group (RM)					
Less than RM1,000	36	38,135	33.7	23.2	46.1
RM1,000 – RM1,999	33	31,548	20.8	13.1	31.3
RM2,000 – RM2,999	28	34,570	23.3	14.3	35.8
RM3,000 – RM3,999	23	22,183	21.3	12.9	33.3
RM4,000 – RM4,999	13	19,179	26.7	14.9	43.1
RM5,000 – RM5,999	16	17,449	24.2	13.4	39.7
RM6,000 – RM6,999	10	11,213	22.7	11.0	40.9
RM7,000 – RM7,999	3	1,877	7.5	1.8	27.1
RM8,000 – RM8,999	8	8,631	32.2	16.7	52.9
RM9,000 – RM10,000	2	2,009	16.6	3.2	54.7
RM10,000 and above	5	8,816	13.0	4.4	32.6
Household Income Quintiles					
Q1 (20% poorest)	28	28,359	31.7	21.0	44.8
Q2	38	38,691	23.4	15.1	34.4
Q3	34	40,381	22.8	14.7	33.7
Q4	34	41,604	24.2	16.5	33.9
Q5 (20% richest)	43	46,573	19.6	13.9	26.8
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (20% poorest)	45	50,999	26.6	18.4	36.7
Q2	34	30,715	18.3	11.9	27.1
Q3	40	49,353	28.5	19.7	39.4
Q4	34	32,335	19.0	12.9	27.1
Q5 (20% richest)	24	32,207	23.2	14.5	34.9

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. "Student" include those who aged >13 years old and not working.

Table 4.9: Prevalence of sought advice from other than healthcare providers for oral health illness in the last 2 weeks

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**58**	**60,535**	**7.2**	**5.3**	**9.7**
State					
Johor	10	11,897	10.6	6.3	17.4
Kedah	1	771	2.1	0.3	11.6
Kelantan	4	3,920	6.5	2.6	15.2
Melaka	2	1,744	11.2	1.5	51.8
Negeri Sembilan	1	573	5.3	0.6	34.0
Pahang	0	0	0.0	-	-
Pulau Pinang	5	3,479	7.0	2.2	20.3
Perak	2	1,218	3.8	1.0	13.7
Perlis	3	413	8.1	2.3	24.9
Selangor	9	13,468	8.1	3.8	16.5
Terengganu	2	875	3.5	0.9	12.4
Sabah & WP Labuan	8	10,565	7.1	3.1	15.3
Sarawak	8	11,387	12.5	5.4	26.5
WP Kuala Lumpur	0	0	0.0	-	-
WP Putrajaya	3	225	11.0	2.8	34.3
Location					
Urban	39	44,803	7.5	5.2	10.7
Rural	19	15,732	6.5	3.9	10.8
Sex					
Male	27	26,047	5.8	3.7	8.8
Female	31	34,488	8.8	5.9	13.0
Age Group (years)					
0 – 4	2	1,145	4.6	1.0	18.5
5 – 9	7	6,874	6.3	2.9	13.3
10 – 14	4	3,006	4.2	1.3	12.4
15 – 19	4	5,997	8.0	2.8	20.8
20 – 24	7	8,894	9.5	4.0	20.9
25 – 29	9	14,212	15.1	7.5	28.0
30 – 34	5	3,014	2.8	0.7	10.4
35 – 39	2	2,355	5.1	1.2	19.2
40 – 44	2	2,179	4.2	1.0	15.4
45 – 49	3	3,521	6.6	2.2	18.1
50 – 54	8	4,753	9.2	3.9	20.4
55 – 59	1	1,091	3.7	0.5	22.5
60 – 64	0	0	0.0	-	-
65 – 69	2	2,158	24.4	4.0	71.2
70 – 74	1	1,010	14.5	2.0	58.8
75+	1	325	14.0	2.3	52.7
Ethnicity [3]					
Malay	37	34,980	8.3	5.6	12.0
Chinese	8	9,277	7.2	3.3	14.9
Indian	1	1,286	2.1	0.3	13.7
Bumiputera Sabah	4	3,877	7.1	2.5	18.2
Bumiputera Sarawak	3	6,398	12.8	3.6	36.9
Orang Asli	0	0	0.0	-	-
Others	5	4,717	4.0	1.1	13.5

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**58**	**60,535**	**7.2**	**5.3**	**9.7**
Citizenship					
Malaysian	54	55,968	7.5	5.5	10.2
Non-Malaysian	4	4,567	4.8	1.3	16.4
Marital Status [3]					
Never married	15	19,753	8.2	4.6	14.2
Married	33	32,039	8.1	5.4	11.9
Widow/Widower/Divorcee	0	0	0.0	-	-
Education Level [3]					
No formal education	2	2,044	5.0	1.2	19.1
Primary	18	13,408	6.3	3.6	10.8
Secondary	16	19,157	5.4	3.0	9.2
Tertiary	19	24,058	17.5	10.7	27.4
Unclassified	1	723	2.9	0.4	17.9
Occupation [3]					
Government /Semi-government employee	8	6,350	10.1	4.5	21.1
Private employee	16	22,103	8.8	5.0	14.9
Self employed	5	3,757	3.6	1.4	9.0
Unpaid worker/homemaker	8	8,924	10.5	4.6	22.2
Retiree	1	2,090	14.2	2.1	56.2
Unemployed	6	2478	4.3	1.5	12.2
Student[4]	4	6,091	7.1	2.7	17.5
Household Income Group (RM)					
Less than RM1,000	6	5,488	4.9	2.0	11.5
RM1,000 – RM1,999	8	11,286	7.4	3.2	16.3
RM2,000 – RM2,999	12	11,644	7.9	4.0	14.9
RM3,000 – RM3,999	9	7,829	7.5	3.4	15.7
RM4,000 – RM4,999	5	8,380	11.7	4.7	26.2
RM5,000 – RM5,999	6	4,813	6.7	2.7	15.7
RM6,000 – RM6,999	4	3,605	7.3	2.3	20.6
RM7,000 – RM7,999	4	3,886	15.6	4.8	40.4
RM8,000 – RM8,999	1	1,000	3.7	0.5	21.6
RM9,000 – RM10,000	0	0	0.0	-	-
RM10,000 and above	3	2,604	3.9	1.1	12.9
Household Income Quintiles					
Q1 (20% poorest)	5	4,782	5.3	2.0	13.6
Q2	9	11,992	7.3	3.2	15.7
Q3	16	14,500	8.2	4.5	14.5
Q4	10	13,352	7.8	3.9	14.8
Q5 (20% richest)	18	15,908	6.7	3.9	11.1
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (20% poorest)	14	15,604	8.1	4.2	15.1
Q2	13	9,256	5.5	2.7	10.8
Q3	6	6,297	3.6	1.5	8.6
Q4	14	16,184	9.5	5.5	16.1
Q5 (20% richest)	11	13,197	9.5	4.8	17.8

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. "Student" include those who aged >13 years old and not working.

Table 4.10: Prevalence of doing anything else for oral health illness in the last 2 weeks

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**10**	**8,751**	**1.0**	**0.5**	**2.1**
State					
Johor	1	1,244	1.1	0.1	7.8
Kedah	0	0	0.0	-	-
Kelantan	0	0	0.0	-	-
Melaka	1	509	3.3	0.4	24.1
Negeri Sembilan	0	0	0.0	-	-
Pahang	1	400	0.9	0.1	6.9
Pulau Pinang	1	71	0.1	0.0	1.1
Perak	0	0	0.0	-	-
Perlis	0	0	0.0	-	-
Selangor	2	3,368	2.0	0.5	7.9
Terengganu	2	1,597	6.4	1.4	24.0
Sabah & WP Labuan	2	1,561	1.1	0.3	4.0
Sarawak	0	0	0.0	-	-
WP Kuala Lumpur	0	0	0.0	-	-
WP Putrajaya	0	0	0.0	-	-
Location					
Urban	5	6,198	1.0	0.4	2.6
Rural	5	2,553	1.1	0.4	2.8
Sex					
Male	8	6,957	1.5	0.7	3.5
Female	2	1,794	0.5	0.1	1.9
Age Group (years)					
0 – 4	0	0	0.0	-	-
5 – 9	2	1,962	1.8	0.4	7.5
10 – 14	1	843	1.2	0.2	8.0
15 – 19	1	1,525	2.0	0.3	13.1
20 – 24	0	0	0.0	-	-
25 – 29	2	1,597	1.7	0.4	7.3
30 – 34	0	0	0.0	-	-
35 – 39	0	0	0.0	-	-
40 – 44	1	1,843	3.5	0.5	21.3
45 – 49	0	0	0.0	-	-
50 – 54	1	400	0.8	0.1	5.4
55 – 59	1	71	0.2	0.0	1.8
60 – 64	0	0	0.0	-	-
65 – 69	1	509	5.8	0.7	33.3
70 – 74	0	0	0.0	-	-
75+	0	0	0.0	-	-
Ethnicity[3]					
Malay	6	5,546	1.3	0.5	3.4
Chinese	1	1,244	1.0	0.1	6.7
Indian	1	400	0.6	0.1	4.6
Bumiputera Sabah	2	1,561	2.8	0.8	9.4
Bumiputera Sarawak	0	0	0.0	-	-
Orang Asli	0	0	0.0	-	-
Others	0	0	0.0	-	-

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper
MALAYSIA	**10**	**8,751**	**1.0**	**0.5**	**2.1**
Citizenship					
Malaysian	10	8,751	1.2	0.6	2.4
Non-Malaysian	0	0	0.0	-	-
Marital Status [3]					
Never married	2	2,368	1.0	0.2	4.1
Married	5	3,345	0.8	0.3	2.7
Widow/Widower/Divorcee	1	1,077	4.6	0.6	26.5
Education Level [3]					
No formal education	0	0	0.0	-	-
Primary	4	2,559	1.2	0.4	4.0
Secondary	4	4,965	1.4	0.5	3.9
Tertiary	1	509	0.4	0.1	2.6
Unclassified	0	0	0.0	-	-
Occupation [3]					
Government /Semi-government employee	0	0	0.0	-	-
Private employee	4	3,841	1.5	0.5	4.8
Self employed	1	71	0.1	0.0	0.5
Unpaid worker/homemaker	0	0	0.0	-	-
Retiree	1	509	3.5	0.5	21.7
Unemployed	0	0	0.0	-	-
Student[4]	2	2,368	2.8	0.7	10.9
Household Income Group (RM)					
Less than RM1,000	2	2,242	2.0	0.5	8.2
RM1,000 – RM1,999	3	992	0.7	0.2	2.5
RM2,000 – RM2,999	0	0	0.0	-	-
RM3,000 – RM3,999	0	0	0.0	-	-
RM4,000 – RM4,999	1	1,843	2.6	0.4	16.3
RM5,000 – RM5,999	0	0	0.0	-	-
RM6,000 – RM6,999	1	509	1.0	0.1	7.2
RM7,000 – RM7,999	1	843	3.4	0.5	21.0
RM8,000 – RM8,999	0	0	0.0	-	-
RM9,000 – RM10,000	1	1,077	8.9	1.2	44.4
RM10,000 and above	1	1,244	1.8	0.3	12.2
Household Income Quintiles					
Q1 (20% poorest)	2	2,242	2.5	0.6	10.2
Q2	2	472	0.3	0.1	1.6
Q3	1	521	0.3	0.0	2.1
Q4	1	1,843	1.1	0.1	7.3
Q5 (20% richest)	4	3,673	1.5	0.5	4.3
Socioeconomic Quintiles (based on HCD 2011)					
Q1 (20% poorest)	3	3,081	1.6	0.4	5.8
Q2	0	0	0.0	-	-
Q3	3	1,657	1.0	0.2	3.9
Q4	0	0	0.0	-	-
Q5 (20% richest)	4	4,012	2.9	1.0	8.2

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. "Student" include those who aged >13 years old and not working.

Table 4.11: Prevalence of out-patient oral healthcare utilisation in the last 12 months

Sociodemographic Characteristics	YES					NO				
	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI Lower	95% CI Upper
MALAYSIA	**8,308**	**8,164,051**	**27.8**	**26.8**	**28.8**	**21,152**	**21,210,148**	**72.2**	**71.2**	**73.2**
State										
Johor	698	908,015	26.7	23.9	29.8	1,872	2,486,742	73.3	70.2	76.1
Kedah	508	518,938	26.4	23.1	30.0	1,372	1,446,365	73.6	70.0	76.9
Kelantan	684	603,658	36.8	34.5	39.2	1,203	1,034,688	63.2	60.8	65.5
Melaka	532	269,002	32.4	29.3	35.6	1,198	562,411	67.6	64.4	70.7
Negeri Sembilan	538	307,856	30.7	26.3	35.5	1,296	693,555	69.3	64.5	73.7
Pahang	446	393,176	25.5	22.0	29.2	1,375	1,150,832	74.5	70.8	78.0
Pulau Pinang	524	451,252	27.5	22.1	33.6	1,354	1,188,623	72.5	66.4	77.9
Perak	522	615,813	26.2	23.2	29.5	1,454	1,734,395	73.8	70.5	76.8
Perlis	549	76,693	32.6	29.0	36.4	1,265	158,422	67.4	63.6	71.0
Selangor	1,161	1,647,318	28.3	26.1	30.6	2,956	4,180,862	71.7	69.4	73.9
Terengganu	552	341,615	30.7	27.8	33.9	1,313	769,449	69.3	66.1	72.2
Sabah & WP Labuan	745	933,437	26.8	23.9	30.0	1,865	2,544,666	73.2	70.0	76.1
Sarawak	378	580,021	22.5	19.5	25.8	1,391	1,995,758	77.5	74.2	80.5
WP Kuala Lumpur	258	492,647	29.1	25.1	33.3	648	1,202,033	70.9	66.7	74.9
WP Putrajaya	213	24,609	28.6	24.5	33.1	590	61,348	71.4	66.9	75.5
Location										
Urban	4,847	6,163,562	27.9	26.8	29.1	12,033	15,914,190	72.1	70.9	73.2
Rural	3,461	2,000,489	27.4	25.8	29.1	9,119	5,295,958	72.6	70.9	74.2
Sex										
Male	3,682	3,853,096	25.4	24.3	26.6	10,543	11,299,443	74.6	73.4	75.7
Female	4,626	4,310,955	30.3	29.2	31.5	10,609	9,910,705	69.7	68.5	70.8
Age Group (years)										
0 – 4	196	175,713	7.0	5.9	8.4	2,493	2,317,407	93.0	91.6	94.1
5 – 9	1,706	1,513,363	62.9	60.0	65.7	982	891,710	37.1	34.3	40.0
10 – 14	1,994	1,864,672	72.8	69.9	75.6	644	695,725	27.2	24.4	30.1
15 – 19	1,184	1,286,007	48.8	45.8	51.7	1,107	1,351,724	51.2	48.3	54.2
20 – 24	337	494,726	17.3	15.1	19.7	1,591	2,360,837	82.7	80.3	84.9
25 – 29	429	510,579	18.3	16.2	20.6	1,747	2,275,933	81.7	79.4	83.8
30 – 34	432	496,010	18.8	16.7	21.2	1,664	2,136,548	81.2	78.8	83.3
35 – 39	381	409,183	19.7	17.3	22.3	1,534	1,670,060	80.3	77.7	82.7
40 – 44	345	350,401	18.9	16.7	21.3	1,452	1,506,472	81.1	78.7	83.3
45 – 49	391	354,476	21.1	18.8	23.6	1,478	1,323,883	78.9	76.4	81.2

Sociodemographic Characteristics	YES					NO				
	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI		Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**8,308**	**8,164,051**	**27.8**	**26.8**	**28.8**	**21,152**	**21,210,148**	**72.2**	**71.2**	**73.2**
50 – 54	351	293,977	19.4	17.2	21.9	1,546	1,217,757	80.6	78.1	82.8
55 – 59	220	177,438	14.0	11.9	16.4	1,462	1,087,988	86.0	83.6	88.1
60 – 64	157	105,746	11.3	9.2	13.7	1,188	833,899	88.7	86.3	90.8
65 – 69	102	77,829	11.2	8.7	14.2	913	618,292	88.8	85.8	91.3
70 – 74	49	29,030	7.2	5.0	10.2	636	375,467	92.8	89.8	95.0
75+	34	24,900	4.4	2.7	7.0	715	546,445	95.6	93.0	97.3
Ethnicity [3]										
Malay	5,649	4,791,214	31.1	29.9	32.2	13,230	10,629,034	68.9	67.8	70.1
Chinese	1,076	1,573,012	25.1	23.1	27.1	3,170	4,699,116	74.9	72.9	76.9
Indian	592	578,869	30.1	27.3	33.0	1,393	1,346,042	69.9	67.0	72.7
Bumiputera Sabah	464	503,002	32.7	29.8	35.8	950	1,033,769	67.3	64.2	70.2
Bumiputera Sarawak	175	317,636	24.4	20.0	29.4	601	985,768	75.6	70.6	80.0
Orang Asli	19	15,682	19.6	8.7	38.7	96	64,155	80.4	61.3	91.3
Others	332	384,435	13.7	11.1	16.7	1,693	2,431,569	86.3	83.3	88.9
Citizenship										
Malaysian	8,191	8,008,833	29.6	28.7	30.6	19,686	19,015,842	70.4	69.4	71.3
Non-Malaysian	117	155,218	6.7	5.2	8.5	1,453	2,173,428	93.3	91.5	94.8
Marital Status [3]										
Never married	2,472	2,740,570	33.1	31.4	34.8	4,215	5,548,832	66.9	65.2	68.6
Married	2,481	2,412,705	18.2	17.3	19.3	11,379	10,811,219	81.8	80.7	82.7
Widow/Widower/Divorcee	224	168,844	12.0	10.2	14.1	1,717	1,236,079	88.0	85.9	89.8
Education Level [3]										
No formal education	176	144,470	8.2	6.7	10.0	1,819	1,619,580	91.8	90.0	93.3
Primary	3,336	3,059,714	39.4	37.5	41.4	5,275	4,705,269	60.6	58.6	62.5
Secondary	2,477	2,539,017	23.7	22.5	25.0	7,877	8,158,953	76.3	75.0	77.5
Tertiary	1,157	1,377,014	26.1	24.2	28.0	3,246	3,907,846	73.9	72.0	75.8
Unclassified	652	595,640	56.7	51.8	61.5	391	454,312	43.3	38.5	48.2
Occupation [3]										
Government /Semi-government employee	581	505,573	26.3	23.9	28.8	1,614	1,419,830	73.7	71.2	76.1
Private employee	1,069	1,375,768	16.9	15.6	18.3	5,137	6,761,698	83.1	81.7	84.4
Self employed	600	582,405	16.8	15.3	18.5	3,292	2,876,638	83.2	81.5	84.7
Unpaid worker/homemaker	655	566,838	19.5	17.7	21.3	2,697	2,346,208	80.5	78.7	82.3
Retiree	128	97,189	16.0	13.0	19.5	658	512,116	84.0	80.5	87.0
Unemployed	431	419,896	14.5	12.9	16.3	2,952	2,475,521	85.5	83.7	87.1
Student[4]	1,712	1,773,532	59.7	56.5	62.8	956	1,199,402	40.3	37.2	43.5

Sociodemographic Characteristics	YES					NO				
	Count[1]	Estimated Population[2]	Prevalence (%)	95% CI		Count[1]	Estimated Population[2]	Prevalence (%)	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**8,308**	**8,164,051**	**27.8**	**26.8**	**28.8**	**21,152**	**21,210,148**	**72.2**	**71.2**	**73.2**
Household Income Group (RM)										
Less than RM1,000	1,121	970,287	24.1	22.2	26.2	3,517	3,052,557	75.9	73.8	77.8
RM1,000 – RM1,999	1,490	1,300,479	26.6	24.8	28.4	3,960	3,593,258	73.4	71.6	75.2
RM2,000 – RM2,999	1,402	1,272,861	26.7	24.7	28.7	3,651	3,499,298	73.3	71.3	75.3
RM3,000 – RM3,999	1,058	1,080,814	28.3	26.2	30.5	2,685	2,739,209	71.7	69.5	73.8
RM4,000 – RM4,999	729	766,896	26.6	24.2	29.1	1,934	2,119,798	73.4	70.9	75.8
RM5,000 – RM5,999	629	660,793	29.1	26.2	32.2	1,412	1,609,527	70.9	67.8	73.8
RM6,000 – RM6,999	389	429,143	29.3	25.2	33.8	978	1,036,604	70.7	66.2	74.8
RM7,000 – RM7,999	372	376,103	31.2	27.1	35.6	771	830,218	68.8	64.4	72.9
RM8,000 – RM8,999	288	301,434	29.9	25.7	34.4	625	707,318	70.1	65.6	74.3
RM9,000 – RM10,000	147	162,641	32.6	26.8	39.0	312	335,605	67.4	61.0	73.2
RM10,000 and above	683	842,599	33.3	29.9	36.9	1,307	1,686,757	66.7	63.1	70.1
Household Income Quintiles										
Q1 (20% poorest)	939	828,368	24.1	22.1	26.2	3,019	2,613,619	75.9	73.8	77.9
Q2	1,509	1,322,064	26.2	24.4	28.0	4,071	3,733,368	73.8	72.0	75.6
Q3	1,798	1,650,879	27.0	25.3	28.8	4,673	4,466,068	73.0	71.2	74.7
Q4	1,733	1,797,590	27.9	26.3	29.6	4,339	4,645,727	72.1	70.4	73.7
Q5 (20% richest)	2,329	2,565,150	30.8	29.1	32.7	5,050	5,751,366	69.2	67.3	70.9
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	1,406	1,268,274	21.6	19.8	23.5	4,705	4,607,274	78.4	76.5	80.2
Q2	1,823	1,575,838	26.8	25.2	28.4	4,813	4,303,926	73.2	71.6	74.8
Q3	1,717	1,651,501	28.1	26.3	30.0	4,332	4,221,781	71.9	70.0	73.7
Q4	1,761	1,801,718	30.6	28.8	32.4	4,045	4,086,452	69.4	67.6	71.2
Q5 (20% richest)	1,601	1,866,721	31.9	29.8	34.0	3,257	3,990,951	68.1	66.0	70.2

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. "Student" include those who aged >13 years old and not working.

Table 4.12: Timing of last visit for out-patient oral healthcare

Sociodemographic Characteristics	Between 1 year to less than 2 years					Between 2 years to less than 3 years					Between 3 years to less than 5 years				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**980**	**1,038,529**	**4.9**	**4.5**	**5.4**	**2,492**	**2,548,354**	**12.0**	**11.3**	**12.8**	**2,342**	**2,453,949**	**11.6**	**1.9**	**12.3**
State															
Johor	90	127,728	5.1	4.1	6.4	209	272,351	11.0	9.2	13.0	200	266,235	11.5	9.9	13.5
Kedah	50	49,610	3.4	2.5	4.8	127	131,291	9.1	6.5	12.5	108	122,880	10.6	8.4	13.2
Kelantan	10sup	86,026	8.3	6.2	11.0	138	127,158	12.3	10.0	15.0	144	135,330	13.4	11.0	16.3
Melaka	37	18,170	3.2	1.6	6.3	115	64,122	11.4	8.7	14.9	109	69,349	14.2	10.3	19.2
Negeri Sembilan	143	74,276	10.7	8.7	13.2	184	107,498	15.5	13.0	18.4	130	68,118	11.8	9.6	14.4
Pahang	30	25,571	2.2	1.4	3.4	112	92,244	8.0	6.1	10.5	155	129,677	12.2	10.0	14.8
Pulau Pinang	66	81,253	6.8	4.5	10.3	189	171,693	14.4	10.5	19.6	170	162,432	15.3	12.0	19.4
Perak	74	104,987	6.1	4.1	8.8	196	246,693	14.2	11.7	17.2	190	260,908	16.8	13.7	20.4
Perlis	48	7,042	4.4	3.0	6.6	151	20,466	12.9	9.8	16.8	180	24,556	18.4	14.7	22.7
Selangor	135	209,315	5.0	4.1	6.1	441	658,377	15.7	13.9	17.8	349	555,371	14.1	12.4	16.0
Terengganu	37	24,481	3.2	2.1	4.8	237	151,378	19.7	17.0	22.6	216	131,676	17.7	15.4	20.3
Sabah & Labuan	70	98,322	3.9	2.8	5.2	160	221,398	8.7	6.9	10.9	160	235,874	9.6	7.7	11.9
Sarawak	23	39,515	2.0	1.2	3.4	79	123,670	6.2	4.3	8.8	83	125,668	7.7	5.5	10.5
WP Kuala Lumpur	49	89,458	7.4	4.9	11.1	86	153,410	12.8	9.9	16.3	88	159,693	13.8	10.5	17.9
WP Putrajaya	25	2,774	4.5	2.7	7.5	68	6,606	10.8	8.1	14.2	60	6,181	10.3	7.6	13.8
Location															
Urban	622	838,203	5.3	4.7	5.9	1,536	2,047,713	12.9	12.0	13.8	1,429	1,934,868	12.2	11.4	13.0
Rural	358	200,326	3.8	3.2	4.4	956	500,641	9.5	8.5	10.5	913	519,081	9.8	8.8	10.9
Sex															
Male	427	497,918	4.4	3.9	5.0	1,127	1,203,840	10.7	9.8	11.6	1,080	1,175,196	10.4	9.6	11.3
Female	553	540,611	5.5	4.9	6.1	1,365	1,344,514	13.6	12.6	14.6	1,262	1,278,752	12.9	12.0	13.8
Age Group (years)															
0 - 4	41	28,857	1.2	0.8	1.9	31	24,735	1.1	0.7	1.6	48	41,967	1.8	1.2	2.8
5 - 9	54	37,350	4.2	3.0	5.8	69	59,505	6.7	4.8	9.2	28	26,563	3.0	1.8	4.9
10 - 14	89	80,259	11.5	8.7	15.2	140	138,140	19.9	16.2	24.1	76	93,662	13.5	9.3	19.1
15 - 19	106	124,057	9.2	7.4	11.4	275	295,233	21.8	18.8	25.2	184	211,129	15.6	13.0	18.6
20 - 24	80	130,210	5.5	4.2	7.2	204	294,497	12.5	10.5	14.7	291	407,822	17.3	15.1	19.7
25 - 29	89	115,037	5.1	3.9	6.6	278	326,554	14.3	12.3	16.7	254	306,680	13.5	11.6	15.6
30 - 34	89	117,603	5.5	4.1	7.4	292	346,992	16.2	14.2	18.6	246	312,688	14.6	12.6	16.9
35 - 39	87	88,369	5.3	4.1	6.8	217	232,975	14.0	11.8	16.4	197	215,113	12.9	10.9	15.1
40 - 44	84	81,610	5.4	4.2	7.0	210	218,728	14.5	12.3	17.0	206	192,362	12.8	10.9	15.0
45 - 49	71	72,476	5.5	4.2	7.1	206	173,763	13.1	11.1	15.4	208	194,564	14.7	12.5	17.2

Sociodemographic Characteristics	Between 1 year to less than 2 years					Between 2 years to less than 3 years					Between 3 years to less than 5 years				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**980**	**1,038,529**	**4.9**	**4.5**	**5.4**	**2,492**	**2,548,354**	**12.0**	**11.3**	**12.8**	**2,342**	**2,453,949**	**11.6**	**1.9**	**12.3**
50 - 54	73	69,378	5.7	4.4	7.4	192	153,850	12.6	10.7	14.8	185	136,316	11.2	9.3	13.4
55 - 59	49	34,997	3.2	2.2	4.6	163	133,207	12.2	10.1	14.8	155	114,938	10.6	8.6	12.8
60 - 64	39	25,014	3.0	2.0	4.5	88	62,710	7.5	5.5	10.2	94	76,342	9.2	7.1	11.8
65 - 69	18	24,293	3.9	2.3	6.6	57	32,282	5.2	3.7	7.3	90	66,771	10.8	8.1	14.2
70 - 74	4	2,391	0.6	0.2	1.8	44	36,005	9.6	5.5	16.2	52	32,827	8.7	6.0	12.6
75+	7	6,630	1.2	0.5	2.9	26	19,179	3.5	2.2	5.7	28	24,204	4.4	2.8	6.9
Ethnicity [3]															
Malays	627	527,663	5.0	4.4	5.6	1,656	1,430,440	13.5	12.5	14.5	1537	1,312,752	12.4	11.6	13.2
Chinese	164	276,789	5.9	4.9	7.1	381	587,620	12.5	11.1	14.1	344	574,411	12.2	10.6	14.0
Indian	79	73,481	5.5	3.9	7.5	212	210,517	15.6	13.2	18.4	170	180,896	13.4	11.0	16.3
Bumiputera Sabah	36	39,431	3.8	2.5	5.7	91	95,341	9.2	7.2	11.8	102	111,532	10.8	8.4	13.7
Bumiputera Sarawak	10	18,882	1.9	0.9	3.9	35	66,668	6.8	3.8	11.6	46	78,565	8.0	5.2	12.1
Orang Asli	5	3,900	6.1	2.2	15.7	5	2,188	3.4	1.1	10.5	8	5,345	8.3	2.6	23.7
Others	59	98,383	4.0	2.9	5.6	111	155,130	6.4	4.8	8.4	135	190,448	7.8	6.2	9.9
Citizenship															
Malaysian	946	970,475	5.1	4.6	5.6	2,414	2,421,846	12.7	12.0	13.5	2231	2,291,065	12.0	11.4	12.8
Non Malaysian	34	68,055	3.1	2.1	4.6	78	126,508	5.8	4.3	7.9	111	162,883	7.5	5.8	9.6
Marital status [3]															
Never married	265	344,930	6.2	5.3	7.3	704	874,053	15.8	14.3	17.4	691	881,133	15.9	14.4	17.5
Married	537	561,224	5.2	4.6	5.9	1,498	1,440,253	13.3	12.4	14.3	1407	1,348,394	12.5	11.6	13.4
Widow/Widower/Divorcee	33	24,972	2.0	1.4	3.0	126	92,303	7.5	6.1	9.1	134	108,218	8.8	7.1	10.7
Education level [3]															
No formal education	34	32,429	2.0	1.2	3.3	60	53,790	3.3	2.3	4.7	87	78,390	4.8	3.6	6.6
Primary	228	213,008	4.5	3.8	5.4	480	442,201	9.4	8.2	10.7	461	432,661	9.2	8.1	10.4
Secondary	408	424,943	5.2	4.5	6.0	1,169	1,158,748	14.2	13.1	15.4	1185	1,207,020	14.8	13.7	16.0
Tertiary	247	316,306	8.1	7.0	9.3	692	810,588	20.7	18.9	22.7	535	663,601	17.0	15.4	18.7
Unclassified	18	23,557	5.2	2.9	9.2	45	50,075	11.0	7.6	15.7	32	33,331	7.3	5.1	10.5
Occupation [3]															
Government /Semi-government employee	141	130,921	9.2	7.6	11.1	313	261,737	18.4	16.0	21.2	227	195,769	13.8	11.9	16.0
Private employee	246	353,441	5.2	4.4	6.2	704	884,472	13.1	11.9	14.4	725	939,584	13.9	12.6	15.3
Self-employed	119	117,219	4.1	3.2	5.2	362	349,439	12.1	10.6	13.9	408	338,038	11.8	10.4	13.2
Unpaid worker/homemaker	124	108,693	4.6	3.7	5.7	393	351,482	15.0	13.0	17.2	376	340,337	14.5	12.8	16.4
Retiree	21	17,049	3.3	2.1	5.4	65	45,356	8.9	6.6	11.8	70	67,021	13.1	9.8	17.2
Unemployed	71	72,684	2.9	2.2	3.8	235	224,500	9.1	7.7	10.7	273	259,598	10.5	8.9	12.3
Student [4]	112	130,257	10.9	8.6	13.7	256	289,623	24.1	20.7	28.0	153	197,398	16.5	13.8	19.5

Sociodemographic Characteristics	Between 1 year to less than 2 years					Between 2 years to less than 3 years					Between 3 years to less than 5 years				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**980**	**1,038,529**	**4.9**	**4.5**	**5.4**	**2,492**	**2,548,354**	**12.0**	**11.3**	**12.8**	**2,342**	**2,453,949**	**11.6**	**1.9**	**12.3**
Household Income Group (RM)															
Less than RM1,000	106	91,569	3.0	2.4	3.8	305	296,857	9.7	8.3	11.4	310	296,621	9.7	8.1	11.6
RM1,000 – RM1,999	163	142,310	4.0	3.2	4.9	374	328,479	9.1	8.0	10.4	405	380,389	10.6	9.3	12.1
RM2,000 – RM2,999	147	135,615	3.9	3.1	4.9	413	387,014	11.1	9.6	12.7	416	390,486	11.2	9.9	12.6
RM3,000 – RM3,999	118	133,076	4.9	3.9	6.0	331	319,480	11.7	10.2	13.4	330	374,999	13.7	12.0	15.6
RM4,000 – RM4,999	122	135,196	6.4	5.1	7.9	256	298,302	14.1	12.0	16.4	218	229,687	10.8	9.1	12.8
RM5,000 – RM5,999	65	80,461	5.0	3.7	6.8	179	195,226	12.1	10.0	14.7	189	214,874	13.4	11.0	16.2
RM6,000 – RM6,999	59	67,471	6.5	4.6	9.2	140	161,053	15.5	12.6	19.0	110	114,776	11.1	8.9	13.7
RM7,000 – RM7,999	28	42,908	5.2	3.0	8.7	111	106,133	12.8	9.8	16.5	111	131,137	15.8	12.2	20.2
RM8,000 – RM8,999	44	42,296	6.0	4.2	8.4	97	123,029	17.4	13.6	21.9	75	97,316	13.8	10.4	18.0
RM9,000 – RM9,999	25	33,725	10.0	6.4	15.4	52	49,398	14.7	10.4	20.4	41	47,219	14.1	9.2	21.0
RM10,000 and above	103	133,903	7.9	6.3	10.0	234	283,384	16.8	14.2	19.8	137	176,445	10.5	8.8	12.5
Household Income Quintile															
Q1 (20% poorest)	96	83,884	3.2	2.5	4.1	251	245,929	9.4	8.0	11.1	259	254,920	9.8	8.0	11.8
Q2	153	138,329	3.7	3.0	4.6	392	353,315	9.5	8.3	10.8	416	388,289	10.4	9.1	11.8
Q3	199	185,367	4.2	3.4	5.0	527	500,199	11.2	9.9	12.6	530	523,711	11.7	10.5	13.1
Q4	227	259,398	5.6	4.8	6.5	560	591,567	12.7	11.4	14.2	513	551,201	11.9	10.6	13.2
Q5 (20% richest)	305	371,552	6.5	5.6	7.5	762	857,343	14.9	13.5	16.4	624	735,827	12.8	11.6	14.1
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	153	138,851		2.5	3.7	361	356,305	7.7	6.7	8.9	430	417,949	9.1	7.9	10.4
Q2	171	144,719		2.7	4.2	531	486,684	11.3	10.0	12.8	519	458,997	10.7	9.5	12.0
Q3	224	227,112		4.5	6.4	499	479,920	11.4	10.1	12.8	481	460,307	10.9	9.8	12.2
Q4	201	220,968		4.4	6.6	523	542,914	13.3	11.9	14.8	505	530,749	13.0	11.6	14.5
Q5 (20% richest)	231	306,888		6.5	9.1	578	682,553	17.1	15.4	19.0	407	585,943	14.7	12.9	16.7

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged > 13 years old and not working.

Table 4.12: Timing of last visit for out-patient oral healthcare (cont.)

Sociodemographic characteristics	More than 5 years					Never					Unknown				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**5,453**	**5,190,931**	**24.5**	**23.5**	**25.5**	**7,592**	**7,849,919**	**37.0**	**35.6**	**38.5**	**2,293**	**2,128,466**	**10.0**	**9.2**	**11.0**
State															
Johor	486	618,217	26.8	23.3	30.6	724	994,621	40.0	35.2	45.0	163	207,591	8.3	6.8	10.3
Kedah	227	252,250	21.7	18.2	25.7	588	599,599	41.5	37.4	45.7	272	290,735	20.1	16.3	24.5
Kelantan	402	325,892	32.3	29.3	35.4	370	320,547	31.0	27.3	35.0	46	39,735	3.8	2.3	6.4
Melaka	201	96,025	19.6	16.2	23.5	548	239,849	42.6	37.7	47.8	188	74,897	13.3	9.0	19.2
Negeri Sembilan	344	183,899	31.9	28.0	36.1	282	140,552	20.3	17.4	23.5	213	119,211	17.2	13.0	22.4
Pahang	443	365,036	34.4	30.3	38.6	494	425,520	37.0	32.9	41.3	141	112,784	9.8	7.8	12.2
Pulau Pinang	422	352,268	33.3	29.3	37.5	345	287,360	24.2	19.9	29.0	162	133,617	11.2	6.5	18.8
Perak	387	466,084	30.0	26.3	34.0	434	448,479	25.9	23.0	28.9	173	207,243	11.9	9.2	15.3
Perlis	333	39,960	29.9	25.8	34.4	289	38,532	24.3	19.4	30.0	264	27,866	17.6	13.1	23.2
Selangor	625	901,904	23.0	20.2	26.0	1,185	1,548,994	37.0	33.1	41.2	221	306,900	7.3	5.6	9.6
Terengganu	460	241,667	32.5	29.1	36.1	296	175,756	22.8	19.5	26.6	67	44,491	5.8	4.0	8.3
Sabah & Labuan	506	696,590	28.2	25.4	31.3	897	1,185,970	46.6	41.9	51.3	72	106,512	4.2	2.7	6.5
Sarawak	199	279,161	17.0	13.7	20.9	749	1,053,340	52.8	47.0	58.5	258	374,404	18.8	15.2	23.0
WP Kuala Lumpur	194	349,095	30.2	25.5	35.4	198	370,196	30.8	25.1	37.2	33	80,181	6.7	3.8	11.4
WP Putrajaya	224	22,882	38.1	32.7	43.7	193	20,604	33.6	28.9	38.6	20	2,300	3.7	2.5	5.7
Location															
Urban	3,078	3,885,655	24.4	23.2	25.7	4,149	5,589,362	35.1	33.4	36.9	1,219	1,618,388	10.2	9.1	11.3
Rural	2,375	1,305,276	24.6	23.1	26.2	3,443	2,260,557	42.7	40.1	45.3	1,074	510,077	9.6	8.3	11.1
Sex															
Male	2,726	2,863,212	25.3	24.0	26.7	4,165	4,541,199	40.2	38.3	42.1	1,018	1,018,077	9.0	8.1	10.0
Female	2,727	2,327,719	23.5	22.3	24.7	3,427	3,308,720	33.4	31.9	34.9	1,275	1,110,389	11.2	10.0	12.5
Age Group (years)															
0 - 4	0	-	0.0	0.0	0.0	2,300	2,137,582	92.2	89.7	94.2	73	84,266	3.6	2.0	6.4
5 - 9	0	-	0.0	0.0	0.0	745	706,258	79.2	75.6	82.4	86	62,034	7.0	5.2	9.3
10 - 14	35	35,242	5.1	3.4	7.5	212	261,389	37.6	32.1	43.2	92	87,033	12.5	9.7	16.1
15 - 19	225	285,169	21.1	18.0	24.5	224	317,560	23.5	19.7	27.7	93	118,576	8.8	6.7	11.4
20 - 24	510	767,015	32.5	29.5	35.6	358	564,751	23.9	21.0	27.2	148	196,542	8.3	6.6	10.4
25 - 29	528	659,361	29.0	25.9	32.2	385	592,689	26.0	22.8	29.5	213	275,611	12.1	10.0	14.6
30 - 34	524	627,049	29.3	26.4	32.5	352	530,995	24.9	21.8	28.2	161	201,222	9.4	7.7	11.4
35 - 39	443	435,724	26.1	23.4	29.0	423	520,458	31.2	27.7	34.9	167	177,421	10.6	8.6	13.1
40 - 44	423	407,392	27.0	24.2	30.1	368	450,424	29.9	26.2	33.8	161	155,956	10.4	8.5	12.5
45 - 49	457	388,325	29.3	26.3	32.6	355	354,959	26.8	23.7	30.2	181	139,797	10.6	8.8	12.6

Sociodemographic characteristics	More than 5 years					Never					Unknown				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**5,453**	**5,190,931**	**24.5**	**23.5**	**25.5**	**7,592**	**7,849,919**	**37.0**	**35.6**	**38.5**	**2,293**	**2,128,466**	**10.0**	**9.2**	**11.0**
50 - 54	506	367,724	30.2	27.3	33.2	410	355,633	29.2	25.9	32.8	180	134,857	11.1	9.1	13.4
55 - 59	521	371,563	34.2	31.1	37.4	386	294,665	27.1	24.1	30.3	188	138,619	12.7	10.4	15.5
60 - 64	472	319,598	38.3	34.5	42.3	321	235,691	28.3	24.7	32.1	174	114,544	13.7	11.1	16.9
65 - 69	340	226,079	36.6	32.4	40.9	275	178,691	28.9	25.0	33.2	133	90,176	14.6	11.5	18.4
70 - 74	226	124,153	33.1	28.3	38.2	214	131,194	34.9	29.6	40.7	96	48,897	13.0	10.0	16.8
75+	243	176,538	32.3	28.0	36.9	264	216,980	39.7	34.9	44.7	147	102,914	18.8	15.3	22.9
Ethnicity[3]															
Malays	3,635	2,762,459	26.0	24.8	27.3	4,341	3,545,424	33.4	31.9	34.8	1434	1,050,295	9.9	8.9	11.0
Chinese	808	1,163,804	24.8	22.4	27.3	1,050	1,497,262	31.9	29.0	34.9	423	599,229	12.8	10.7	15.1
Indian	312	307,337	22.8	19.6	26.5	450	445,725	33.1	29.4	37.0	170	128,084	9.5	7.5	12.0
Bumiputera Sabah	274	322,717	31.2	27.6	35.1	402	418,755	40.5	36.1	45.0	45	45,995	4.4	3.1	6.4
Bumiputera Sarawak	101	166,350	16.9	13.0	21.7	321	492,494	50.0	42.5	57.4	88	162,809	16.5	11.8	22.7
Orang Asli	24	15,918	24.8	14.7	38.8	47	26,757	41.7	36.4	47.3	7	10,047	15.7	7.8	29.1
Others	297	451,841	18.6	16.0	21.5	977	1,421,882	58.5	53.8	63.0	114	113,885	4.7	3.3	6.5
Citizenship															
Malaysian	5,216	4,829,595	25.4	24.4	26.5	6,697	6,509,526	34.2	33.0	35.5	2182	1,993,335	10.5	9.6	11.5
Non Malaysian	237	361,336	16.6	14.2	19.3	895	1,340,393	61.7	57.4	65.7	98	114,253	5.3	3.8	7.2
Marital status[3]															
Never married	1,200	1,588,466	28.6	26.6	30.7	930	1,313,255	23.7	21.4	26.0	425	546,995	9.9	8.5	11.4
Married	3,609	3,167,726	29.3	27.9	30.7	2,953	3,096,964	28.6	26.8	30.5	1375	1,196,658	11.1	10.1	12.2
Widow/Widower/Divorcee	639	427,684	34.6	31.7	37.6	522	424,456	34.3	31.2	37.6	263	158,446	12.8	10.8	15.2
Education level[3]															
No formal education	386	280,829	17.3	15.1	19.8	1,061	1,035,482	63.9	60.4	67.4	191	138,661	8.6	7.0	10.4
Primary	1,494	1,197,224	25.4	23.7	27.3	1,927	1,889,172	40.2	37.8	42.5	685	531,003	11.3	10.0	12.7
Secondary	2,525	2,532,372	31.0	29.5	32.7	1,676	1,952,028	23.9	22.1	25.8	914	883,841	10.8	9.6	12.2
Tertiary	999	1,115,175	28.5	26.4	30.8	433	594,583	15.2	13.3	17.3	340	407,594	10.4	8.8	12.3
Unclassified	49	65,333	14.4	10.3	19.7	193	234,359	51.6	44.5	58.6	54	47,657	10.5	7.0	15.3
Occupation[3]															
Government /Semi- government employee	543	437,865	30.8	27.5	34.4	228	241,548	17.0	14.3	20.1	162	151,990	10.7	8.5	13.3
Private employee	1,535	1,946,858	28.8	26.9	30.8	1,378	1,982,304	29.3	26.6	32.2	549	655,039	9.7	8.5	11.1
Self-employed	1,114	942,501	32.8	30.5	35.1	963	880,417	30.6	28.2	33.1	326	249,024	8.7	7.3	10.3
Unpaid worker/homemaker	879	684,416	29.2	26.8	31.6	566	546,407	23.3	20.9	25.9	359	314,874	13.4	11.2	15.9
Retiree	285	224,368	43.8	38.9	48.9	139	107,499	21.0	17.0	25.6	78	50,824	9.9	7.5	13.1
Unemployed	915	719,138	29.0	26.8	31.4	973	838,443	33.9	31.3	36.5	485	361,159	14.6	12.7	16.7
Student[4]	176	228,229	19.0	15.8	22.7	157	236,180	19.7	16.0	24.0	102	117,714	9.8	7.4	12.9

Sociodemographic characteristics	More than 5 years					Never					Unknown				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**5,453**	**5,190,931**	**24.5**	**23.5**	**25.5**	**7,592**	**7,849,919**	**37.0**	**35.6**	**38.5**	**2,293**	**2,128,466**	**10.0**	**9.2**	**11.0**
Household Income Group (RM)															
Less than RM1,000	941	730,715	23.9	22.0	26.0	1,415	1,297,522	42.5	40.0	45.1	440	339,274	11.1	9.4	13.0
RM1,000 – RM1,999	1,075	921,562	25.6	23.7	27.7	1,491	1,434,474	39.9	37.3	42.6	452	386,044	10.7	9.2	12.5
RM2,000 – RM2,999	957	899,999	25.7	23.8	27.7	1,310	1,317,049	37.6	35.0	40.4	408	369,135	10.5	9.1	12.3
RM3,000 – RM3,999	693	697,321	25.5	23.2	27.9	921	942,018	34.4	31.5	37.4	292	272,315	9.9	8.4	11.7
RM4,000 – RM4,999	482	504,859	23.8	21.3	26.5	649	735,434	34.7	31.7	37.8	207	216,321	10.2	7.8	13.2
RM5,000 – RM5,999	363	402,633	25.0	22.0	28.3	470	549,997	34.2	29.9	38.7	146	166,335	10.3	7.5	14.1
RM6,000 – RM6,999	245	264,398	25.5	21.3	30.3	326	340,348	32.8	28.4	37.6	98	88,558	8.5	6.4	11.3
RM7,000 – RM7,999	198	202,849	24.4	19.8	29.7	270	295,827	35.6	29.8	41.9	53	51,364	6.2	4.3	8.8
RM8,000 – RM8,999	138	149,260	21.1	16.8	26.2	219	236,645	33.5	26.4	41.3	52	58,772	8.3	5.2	13.0
RM9,000 – RM9,999	68	66,275	19.7	14.4	26.5	97	114,333	34.1	27.8	40.9	29	24,655	7.3	4.5	11.7
RM10,000 and above	293	351,061	20.8	17.9	24.0	424	586,271	34.8	30.3	39.5	116	155,692	9.2	7.0	12.2
Household Income Quintile															
Q1 (20% poorest)	812	634,011	24.3	22.1	26.5	1,210	1,092,549	41.8	39.2	44.5	391	302,326	11.6	9.8	13.6
Q2	1,098	931,351	24.9	23.0	27.0	1,560	1,531,675	41.0	38.5	43.6	452	390,409	10.5	8.9	12.2
Q3	1,213	1,136,888	25.5	23.7	27.3	1,676	1,653,494	37.0	34.7	39.4	528	466,409	10.4	9.1	11.9
Q4	1,115	1,165,836	25.1	23.2	27.1	1,448	1,577,728	34.0	31.7	36.3	476	499,998	10.8	9.1	12.7
Q5 (20% richest)	1,215	1,322,846	23.0	21.2	25.0	1,698	1,994,474	34.7	32.3	37.2	446	469,323	8.2	7.0	9.5
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	1,135	1,066,068	23.1	21.3	25.1	2,082	2,129,416	46.2	43.4	49.1	544	498,685	10.8	9.2	12.7
Q2	1,242	1,067,729	24.8	23.1	26.7	1,806	1,708,681	39.7	37.2	42.3	544	437,116	10.2	8.8	11.7
Q3	1,176	1,099,019	26.0	24.3	27.8	1,498	1,541,354	36.5	34.4	38.7	454	414,069	9.8	8.4	11.4
Q4	1,124	1,074,721	26.3	24.2	28.5	1,272	1,334,801	32.7	30.3	35.1	420	382,299	9.4	8.0	10.8

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged > 13 years old and not working.

Table 4.13: Prevalence of out-patient healthcare utilisation in the last 12 months by sector

Sociodemographic characteristics	Count[1]	Estimated population[2]	Government			Count[1]	Estimated population[2]	Private		
			%	95% CI				%	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	5,059	4,643,140	56.9	54.8	58.9	1,744	2,104,444	25.8	24.0	27.6
State										
Johor	416	521,391	57.4	51.8	62.9	153	217,724	24.0	20.3	28.1
Kedah	320	311,513	60.0	54.6	65.2	76	91,274	17.6	13.9	22.0
Kelantan	473	415,164	68.8	62.0	74.9	92	85,021	14.1	11.2	17.5
Melaka	368	186,094	69.2	61.4	76.0	84	55,414	20.6	14.4	28.6
Negeri Sembilan	329	187,542	60.9	52.1	69.1	114	66,196	21.5	15.0	29.8
Pahang	320	276,054	70.2	61.3	77.8	48	44,187	11.2	7.9	15.7
Pulau pinang	238	172,296	38.2	30.2	46.8	161	173,009	38.3	30.3	47.0
Perak	246	297,597	48.3	41.4	55.3	71	104,776	17.0	13.0	22.0
Perlis	400	55,614	72.5	66.0	78.2	84	12,636	16.5	12.6	21.3
Selangor	596	753,834	45.8	40.5	51.1	435	706,637	42.9	37.8	48.1
Terengganu	349	220,458	64.5	59.9	68.9	71	44,719	13.1	9.6	17.7
Sabah & Labuan	535	649,651	69.6	63.1	75.4	132	199,619	21.4	15.8	28.3
Sarawak	256	390,357	67.3	59.2	74.5	56	89,983	15.5	10.1	23.1
WP Kuala Lumpur	102	193,362	39.2	29.8	49.6	108	207,083	42.0	33.0	51.6
WP Putrajaya	111	12,212	49.6	38.8	60.5	59	6,166	25.1	16.8	35.6
Location										
Urban	2,688	3,252,822	52.8	50.3	55.3	1,334	1,873,254	30.4	28.2	32.7
Rural	2,371	1,390,318	69.5	66.2	72.6	410	231,190	11.6	9.7	13.7
Sex										
Male	2,196	2,143,667	55.6	53.0	58.3	749	981,235	25.5	23.3	27.8
Female	2,863	2,499,473	58.0	55.7	60.2	995	1,123,209	26.1	24.1	28.1
Age Group (years)										
0 - 4	160	144,178	82.1	73.1	88.5	35	30,835	17.5	11.2	26.5
5 - 9	1,070	913,307	60.3	56.5	64.1	122	140,894	9.3	7.1	12.1
10 - 14	1,247	1,159,591	62.2	58.8	65.4	90	103,697	5.6	4.1	7.5
15 - 19	744	790,486	61.5	57.6	65.2	72	97,158	7.6	5.7	9.9
20 - 24	224	307,013	62.1	55.6	68.1	126	202,522	40.9	34.8	47.4
25 - 29	256	267,619	52.4	46.5	58.3	179	249,461	48.9	42.9	54.8
30 - 34	244	239,894	48.4	41.8	55.0	193	264,317	53.3	46.7	59.7
35 - 39	186	162,721	39.8	33.2	46.7	198	248,006	60.6	53.8	67.1
40 - 44	171	134,347	38.3	32.1	45.0	178	220,819	63.0	56.5	69.1
45 - 49	212	165,000	46.5	40.2	53.0	180	193,132	54.5	48.0	60.8

Sociodemographic characteristics	Government				Private			
	Count[1]	Estimated population[2]	%	95% CI	Count[1]	Estimated population[2]	%	95% CI
				Lower Upper				Lower Upper
MALAYSIA	**5,059**	**4,643,140**	**56.9**	**54.8 58.9**	**1,744**	**2,104,444**	**25.8**	**24.0 27.6**
50 - 54	200	138,854	47.2	40.5 54.1	151	155,123	52.8	45.9 59.5
55 - 59	121	81,061	45.7	37.0 54.6	101	99,559	56.1	47.5 64.4
60 - 64	103	65,393	61.8	50.9 71.7	54	40,469	38.3	28.5 49.1
65 - 69	67	46,488	59.7	45.3 72.7	36	31,713	40.7	27.8 55.1
70 - 74	31	15,442	53.2	34.5 71.0	18	13,588	46.8	29.0 65.5
75+	23	11,748	47.2	26.9 68.5	11	13,153	52.8	31.5 73.1
Ethnicity[3]								
Malays	3,557	2,908,701	60.7	58.4 62.9	1,019	1,007,331	21.0	19.2 22.9
Chinese	473	583,604	37.1	32.5 41.9	417	700,888	44.6	40.1 49.1
Indian	311	296,156	51.2	44.6 57.7	154	178,468	30.8	24.8 37.6
Bumiputera Sabah	379	405,681	80.7	75.0 85.3	42	48,678	9.7	6.0 15.2
Bumiputera Sarawak	126	224,559	70.7	58.2 80.7	19	35,109	11.1	5.3 21.6
Orang Asli	18	15,082	96.2	67.9 99.7	0	0	0.0	0.0 0.0
Others	195	209,357	54.5	46.0 62.6	93	133,970	34.8	27.0 43.6
Citizenship								
Malaysian	5,011	4,590,546	57.3	55.2 59.4	1,682	2,011,329	25.1	23.4 26.9
Non Malaysian	48	52,593	33.9	24.0 45.4	62	93,116	60.0	49.1 69.9
Marital status[3]								
Never married	1,508	1,570,904	57.3	54.4 60.2	377	567,020	20.7	18.3 23.3
Married	1,422	1,198,214	49.7	46.6 52.7	1,078	1,240,904	51.4	48.4 54.5
Widow/Widower/Divorcee	146	102,823	60.9	52.8 68.5	77	67,279	39.8	32.2 48.0
Education level[3]								
No formal education	148	115,739	80.1	71.4 86.7	23	21,448	14.8	9.4 22.6
Primary	2,138	1,880,290	61.5	58.5 64.3	309	337,558	11.0	9.4 12.9
Secondary	1,538	1,475,331	58.1	55.2 60.9	654	760,238	29.9	27.4 32.6
Tertiary	517	525,132	38.1	34.4 42.0	653	868,829	63.1	59.3 66.8
Unclassified	393	369,751	62.1	56.2 67.7	28	34,014	5.7	3.6 8.9
Occupation[3]								
Government /Semi-government employee	311	232,184	45.9	40.1 51.8	276	276,829	54.8	48.9 60.5
Private employee	511	583,584	42.4	38.6 46.4	544	783,103	56.9	53.0 60.7
Self-employed	350	295,762	50.8	45.2 56.3	245	281,162	48.3	42.7 53.9
Unpaid worker/homemaker	460	371,659	65.6	60.5 70.3	195	195,767	34.5	29.8 39.6
Retiree	71	52,445	54.0	41.5 66.0	59	46,210	47.5	35.6 59.8
Unemployed	301	273,130	65.0	59.0 70.7	83	95,264	22.7	17.8 28.4
Student[4]	1,071	1,062,259	59.9	56.3 63.4	130	196,868	11.1	8.8 13.9

Sociodemographic characteristics	Government				Private			
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				Lower	Upper				Lower	Upper
MALAYSIA	**5,059**	**4,643,140**	**56.9**	**54.8**	**58.9**	**1,744**	**2,104,444**	**25.8**	**24.0**	**27.6**
Household Income Group (RM)										
Less than RM1,000	772	641,142	66.1	61.8	70.1	127	141,644	14.6	11.6	18.2
RM1,000 -RM1,999	1,065	939,497	72.2	68.3	75.9	156	155,535	12.0	9.7	14.7
RM2,000 -RM2,999	924	825,771	64.9	61.0	68.6	184	202,950	15.9	13.1	19.2
RM3,000 -RM3,999	653	611,921	56.6	52.0	61.1	195	227,401	21.0	17.4	25.1
RM4,000 -RM4,999	446	431,309	56.2	50.6	61.7	169	219,144	28.6	23.6	34.1
RM5,000 -RM5,999	336	336,409	50.9	44.8	57.0	184	219,328	33.2	27.9	39.0
RM6,000 -RM6,999	205	214,149	49.9	42.3	57.5	111	133,930	31.2	24.6	38.7
RM7,000 -RM7,999	202	176,851	47.0	39.5	54.7	107	129,027	34.3	27.1	42.3
RM8,000 -RM8,999	145	136,091	45.1	37.6	52.9	101	118,430	39.3	32.1	47.0
RM9,000 -RM10,000	60	52,075	32.0	21.7	44.5	67	89,780	55.2	42.4	67.3
RM10,000 and above	251	277,925	33.0	27.6	38.9	343	467,277	55.5	49.4	61.4
Household Income Quintile										
Q1 (20% poorest)	640	534,353	64.5	59.9	68.9	116	136,684	16.5	13.1	20.6
Q2	1,074	948,210	71.7	67.9	75.3	153	150,925	11.4	9.3	14.0
Q3	1,180	1,055,314	63.9	60.5	67.2	248	275,201	16.7	14.2	19.5
Q4	1,055	1,001,638	55.7	52.1	59.3	380	475,859	26.5	23.3	30.0
Q5 (20% richest)	1,110	1,103,624	43.0	39.7	46.4	847	1,065,777	41.5	38.2	45.0
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	981	877,108	69.2	65.6	72.5	143	142,196	11.2	9.1	13.8
Q2	1,249	1,041,771	66.1	62.3	69.7	238	246,938	15.7	13.0	18.8
Q3	1,107	1,039,501	62.9	59.4	66.3	294	336,646	20.4	17.7	23.4
Q4	1,032	955,519	53.0	48.8	57.2	401	506,322	28.1	24.8	31.7
Q5 (20% richest)	690	729,230	39.1	35.4	42.9	668	872,388	46.7	42.6	50.9

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged > 13 years old and not working.

Table 4.14 : Number of out-patient healthcare facilities visited in the last 12 months

Sociodemographic characteristics	One Facility					2 Facilities				
	Count[1]	Estimated population[2]	%	95% CI LL	95% CI UL	Count[1]	Estimated population[2]	%	95% CI LL	95% CI UL
MALAYSIA	7,950	7,850,981	98.0	97.4	98.4	119	147,611	1.8	1.5	2.3
State										
Johor	671	869,537	97.1	95.1	98.2	20	26,395	2.9	1.8	4.9
Kedah	500	508,427	98.1	95.4	99.2	7	9,916	1.9	0.8	4.6
Kelantan	675	594,812	98.5	97.2	99.2	9	8,846	1.5	0.8	2.8
Melaka	529	266,644	99.7	98.4	99.9	2	791	0.3	0.1	1.6
Negeri Sembilan	533	305,284	99.2	97.8	99.7	5	2,572	0.8	0.3	2.2
Pahang	440	388,266	98.8	97.1	99.5	5	4,417	1.1	0.4	2.8
Pulau Pinang	483	420,094	97.8	94.7	99.1	6	9,538	2.2	0.9	5.3
Perak	430	540,386	99.2	96.9	99.8	2	4,444	0.8	0.2	3.1
Perlis	498	68,802	97.8	95.0	99.1	7	1,536	2.2	0.9	5.0
Selangor	1,119	1,586,766	97.1	95.6	98.1	28	38,969	2.4	1.5	3.8
Terengganu	548	338,609	99.2	97.7	99.8	1	807	0.2	0.0	1.6
Sabah & Labuan	727	898,239	96.4	93.7	98.0	14	27,429	2.9	1.6	5.4
Sarawak	371	569,466	98.6	96.0	99.5	5	7,897	1.4	0.5	4.0
WP Kuala Lumpur	247	476,103	99.3	97.9	99.8	3	3,447	0.7	0.2	2.1
WP Putrajaya	179	19,544	97.0	90.0	99.1	5	607	3.0	0.9	10.0
Location										
Urban	4,643	5,928,064	97.7	97.1	98.2	87	124,354	2.1	1.6	2.7
Rural	3,307	1,922,917	98.6	97.8	99.1	32	23,257	1.2	0.8	1.8
Sex										
Male	3,517	3,714,445	98.3	97.6	98.8	44	52,990	1.4	1.0	2.0
Female	4,433	4,136,536	97.6	96.9	98.2	75	94,621	2.2	1.7	3.0
Age Group (years)										
0 - 4	196	175,713	100.0	-	-	-	-	0.0	0.0	0.0
5 - 9	1,615	1,463,945	99.2	98.5	99.6	17	12,194	0.8	0.4	1.5
10 - 14	1,883	1,774,286	98.9	97.6	99.5	9	16,757	0.9	0.4	2.4
15 - 19	1,110	1,219,732	97.8	96.4	98.6	19	23,428	1.9	1.1	3.1
20 - 24	317	467,823	94.9	91.7	96.8	15	19,950	4.0	2.3	7.1
25 - 29	415	488,140	95.6	92.3	97.5	13	21,362	4.2	2.3	7.5
30 - 34	424	483,653	97.5	94.5	98.9	7	9,122	1.8	0.8	4.3
35 - 39	371	396,053	96.8	93.7	98.4	10	13,130	3.2	1.6	6.3
40 - 44	338	342,798	97.8	94.8	99.1	7	7,603	2.2	0.9	5.2
45 - 49	383	343,617	96.9	93.7	98.5	8	10,860	3.1	1.5	6.3
50 - 54	347	291,295	99.1	97.2	99.7	3	2,189	0.7	0.2	2.8
55 - 59	214	169,612	95.6	89.6	98.2	6	7,826	4.4	1.8	10.4
60 - 64	154	103,408	97.8	92.5	99.4	3	2,338	2.2	0.6	7.5
65 - 69	101	77,458	99.5	96.6	99.9	1	371	0.5	0.1	3.4
70 - 74	48	28,550	98.3	88.9	99.8	1	480	1.7	0.2	11.1
75+	34	24,900	100.0	-	-	-	-	0.0	0.0	0.0
Ethnicity[3]										
Malays	5,387	4,599,990	97.7	96.9	98.2	84	101,027	2.1	1.6	2.8
Chinese	1,041	1,513,200	99.2	98.4	99.6	11	12,225	0.8	0.4	1.6
Indian	554	550,106	97.7	95.3	98.8	10	13,191	2.3	1.2	4.7
Bumiputera Sabah	452	487,995	97.6	95.7	98.7	9	11,895	2.4	1.3	4.3
Bumiputera Sarawak	172	312,385	98.8	94.6	99.8	2	3,693	1.2	0.2	5.4
Orang Asli	19	15,682	100.0	-	-	-	-	0.0	0.0	0.0
Others	324	371,422	96.7	92.4	98.6	3	5,580	1.5	0.4	4.8

Sociodemographic characteristics	One Facility					2 Facilities				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL
MALAYSIA	**7,950**	**7,850,981**	**98.0**	**97.4**	**98.4**	**119**	**147,611**	**1.8**	**1.5**	**2.3**
Citizenship										
Malaysian	7,838	7,703,676	98.0	97.5	98.4	115	141,078	1.8	1.4	2.3
Non Malaysian	112	147,305	95.8	88.6	98.5	4	6,533	4.2	1.5	11.4
Marital status[3]										
Never married	2,327	2,593,121	97.3	96.1	98.1	42	62,686	2.4	1.6	3.5
Married	2,427	2,349,091	97.4	96.4	98.1	49	58,332	2.4	1.8	3.3
Widow/Widower/Divorcee	219	161,470	95.6	89.0	98.3	5	7,374	4.4	1.7	11.0
Education level[3]										
No formal education	174	143,233	99.1	96.5	99.8	2	1,236	0.9	0.2	3.5
Primary	3,195	2,946,466	98.8	98.0	99.3	27	31,583	1.1	0.6	1.9
Secondary	2,388	2,440,262	97.2	96.3	98.0	44	60,043	2.4	1.7	3.3
Tertiary	1,114	1,322,048	96.1	94.3	97.3	39	49,316	3.6	2.5	5.1
Unclassified	594	559,101	99.6	98.4	99.9	2	2,140	0.4	0.1	1.6
Occupation[3]										
Government /Semi-government employee	563	488,168	96.6	93.6	98.2	18	17,405	3.4	1.8	6.4
Private employee	1,031	1,314,022	96.0	94.2	97.3	29	46,352	3.4	2.3	5.0
Self-employed	589	569,986	97.9	95.8	99.0	9	11,696	2.0	1.0	4.1
Unpaid worker /homemaker	644	555,137	98.2	96.5	99.1	9	10,146	1.8	0.9	3.5
Retiree	124	94,428	97.2	91.5	99.1	4	2,761	2.8	0.9	8.5
Unemployed	414	406,796	97.2	93.9	98.7	7	10,673	2.6	1.1	5.9
Student[4]	1,607	1,674,228	98.0	96.6	98.9	20	29,359	1.7	0.9	3.2
Household Income Group(RM)										
Less than RM1,000	1,085	940,279	99.0	97.5	99.6	6	8,394	0.9	0.3	2.4
RM1,000 – RM1,999	1,421	1,249,045	98.1	96.8	98.8	16	18,013	1.4	0.8	2.5
RM2,000 – RM2,999	1,342	1,233,741	99.0	98.1	99.5	13	10,824	0.9	0.4	1.8
RM3,000 – RM3,999	1,008	1,035,343	97.6	95.9	98.6	15	24,832	2.3	1.3	4.0
RM4,000 – RM4,999	699	732,852	97.2	95.1	98.4	13	16,849	2.2	1.3	4.0
RM5,000 – RM5,999	604	641,812	98.8	97.2	99.5	7	8,011	1.2	0.5	2.8
RM6,000 – RM6,999	371	416,556	98.6	96.8	99.4	7	5,775	1.4	0.6	3.2
RM7,000 – RM7,999	360	369,941	98.8	96.3	99.6	5	4,548	1.2	0.4	3.7
RM8,000 – RM8,999	274	286,311	95.8	91.9	97.9	9	11,264	3.8	1.8	7.6
RM9,000 – RM9,999	142	157,965	97.1	93.1	98.8	5	4,676	2.9	1.2	6.9
RM10,000 and above	644	787,135	95.7	92.8	97.5	23	34,424	4.2	2.4	7.1
Socioeconomics Quintiles										
Q1 (20% poorest)	905	802,251	99.3	98.3	99.7	5	4,608	0.6	0.2	1.5
Q2	1,451	1,272,074	97.9	96.5	98.7	16	20,747	1.6	0.9	2.8
Q3	1,719	1,600,362	98.8	98.0	99.3	18	17,553	1.1	0.6	1.9
Q4	1,654	1,719,304	97.5	96.1	98.4	27	39,464	2.2	1.4	3.5
Q5 (20% richest)	2,221	2,456,991	97.3	96.3	98.1	53	65,239	2.6	1.8	3.7
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	1,360	1,231,928	98.9	97.8	99.5	10	11,241	0.9	0.4	1.9
Q2	1,738	1,517,869	98.3	97.4	98.9	26	24,612	1.6	1.0	2.5
Q3	1,640	1,580,894	97.7	96.2	98.6	21	29,030	1.8	1.1	2.9
Q4	1,693	1,746,518	98.0	97.1	98.7	23	32,514	1.8	1.2	2.8
Q5 (20% richest)	1,519	1,773,773	97.2	95.6	98.2	39	50,220	2.8	1.8	4.3

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged < 13 years old and not working.

Table 4.14: Number of out-patient healthcare facilities visited in the last 12 months (cont.)

Sociodemographic characteristics	3 Facilities					More Than 3 Facilities				
	Count[1]	Estimated population[2]	%	95% CI LL	95% CI UL	Count[1]	Estimated population[2]	%	95% CI LL	95% CI UL
MALAYSIA	8	11,489	0.1	0.1	0.3	3	5172	0.1	0.0	0.2
State										
Johor	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Kedah	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Kelantan	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Melaka	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Negeri Sembilan	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Pahang	1	493	0.1	0.0	0.9	0	0	0.0	0.0	0.0
Pulau Pinang	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Perak	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Perlis	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Selangor	4	5,984	0.4	0.1	1.0	2	2,552	0.2	0.0	0.6
Terengganu	2	1,777	0.5	0.1	2.1	0	0	0.0	0.0	0.0
Sabah & Labuan	1	3,236	0.3	0.0	2.4	1	2,620	0.3	0.0	1.9
Sarawak	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
WP Kuala Lumpur	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
WP Putrajaya						0	0	0.0	0.0	0.0
Location										
Urban	6	776,100	0.1	0.1	0.3	3	5,172	0.1	0.0	0.3
Rural	2	372,800	0.2	0.0	1.1	0	0	0.0	0.0	0.0
Sex										
Male	4	759,300	0.2	0.1	0.6	2	3,828	0.1	9.0	0.4
Female	4	389,600	0.1	0.0	0.3	1	1,344	0.0	0.0	0.2
Age Group (years)										
0 - 4	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
5 - 9	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
10 - 14	2	232,500	0.1	0.0	0.6	0	0	0.0	0.0	0.0
15 - 19	1	152,500	0.1	0.0	0.9	1	2,620	0.2	0.0	1.5
20 - 24	2	283,400	0.6	0.1	2.3	2	2,552	0.5	0.1	2.1
25 - 29	1	107,700	0.2	0.0	1.5	0	0	0.0	0.0	0.0
30 - 34	1	323,600	0.7	0.1	4.5	0	0	0.0	0.0	0.0
35 - 39	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
40 - 44	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
45 - 49	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
50 - 54	1	49,300	0.2	0.0	1.2	0	0	0.0	0.0	0.0
55 - 59	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
60 - 64	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
65 - 69	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
70 - 74	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
75+						0	0	0.0	0.0	0.0
Ethnicity[3]										
Malays	7	8,253	0.2	0.1	0.4	1	1,208	0.0	0.0	0.2
Chinese	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Indian	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Bumiputera Sabah	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Bumiputera Sarawak	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Orang Asli	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Others	1	323,600	0.8	0.1	5.9	2	3,964	1.0	0.2	4.2

Sociodemographic characteristics	3 Facilities					More Than 3 Facilities				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL
MALAYSIA	**8**	**11,489**	**0.1**	**0.1**	**0.3**	**3**	**5172**	**0.1**	**0.0**	**0.2**
Citizenship										
Malaysian	8	1,148,900	0.1	0.1	0.3	3	5,172	0.1	0.0	0.2
Non Malaysian	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Marital status[3]										
Never married	4	543,600	0.2	0.1	0.5	2	3,964	0.1	0.0	0.6
Married	2	372,800	0.2	0.0	0.9	1	1,208	0.1	0.0	0.4
Widow/Widower/Divorcee	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Education level[3]										
No formal education	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Primary	3	2,817	0.1	0.0	0.3	0	0	0.0	0.0	0.0
Secondary	3	4,228	0.2	0.1	0.5	3	5,172	0.2	0.1	0.7
Tertiary	2	4,444	0.3	0.1	1.5	0	0	0.0	0.0	0.0
Unclassified	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Occupation[4]										
Government /Semi-government employee	0	-	0.0	-	-	0	0	0.0	-	-
Private employee	2	444,400	0.3	0.1	1.5	2	3,828	0.3	0.1	1.2
Self-employed	1	49,300	0.1	0.0	0.6	0	0	0.0	-	-
Unpaid worker /homemaker	0	-	0.0	-	-	0	0	0.0	-	-
Retiree	0	-	0.0	-	-	0	0	0.0	-	-
Unemployed	1	107,700	0.3	0.0	1.8	0	0	0.0	-	-
Student[5]	2	315,100	0.2	0.0	0.7	1	1,344	0.1	0.0	0.6
Household Income Group(RM)										
Less than RM1,000	0	-	0.0	0.0	0.0	1	1,344	0.1	0.0	1.0
RM1,000 – RM1,999	4	656,300	0.5	0.2	1.6	0	0	0.0	0.0	0.0
RM2,000 – RM2,999	1	152,500	0.1	0.0	0.9	0	0	0.0	0.0	0.0
RM3,000 – RM3,999	1	107,700	0.1	0.0	0.7	0	0	0.0	0.0	0.0
RM4,000 – RM4,999	1	162,500	0.2	0.0	1.5	1	2,620	0.3	0.0	2.4
RM5,000 – RM5,999	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
RM6,000 – RM6,999	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
RM7,000 – RM7,999	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
RM8,000 – RM8,999	0	-	0.0	0.0	0.0	1	1,208	0.4	0.1	2.9
RM9,000 – RM9,999	0	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
RM10,000 and above	1	70,000	0.1	0.0	0.6	0	0	0.0	0.0	0.0
Socioeconomics Quintiles										
Q1 (20% poorest)	0	-	0.0	0.0	0.0	1	1,344	0.2	0.0	1.2
Q2	4	6,563	0.5	0.2	1.6	0	0	0.0	0.0	0.0
Q3	1	1,525	0.1	0.0	0.7	0	0	0.0	0.0	0.0
Q4	2	2,701	0.2	0.0	0.6	1	2,620	0.1	0.0	1.0
Q5 (20% richest)	1	700	0.0	0.0	0.2	1	1,208	0.0	0.0	0.3
Socioeconomic Quintiles (based on HCD 2011)										
Q1 (20% poorest)	0	0	0.0	0.0	0.0	1	2,620	0.2	0.0	1.5
Q2	1	1,077	0.1	0.0	0.5	0	0	0.0	0.0	0.0
Q3	5	7,680	0.5	0.2	1.3	1	1,208	0.1	0.0	0.5
Q4	1	1,208	0.1	0.0	0.5	1	1,344	0.1	0.0	0.5
Q5 (20% richest)	1	1,525	0.1	0.0	0.6	0	0	0.0	0.0	0.0

Notes:

1. [1]Some cells have respondent count (n)<30. Results should be interpreted with caution.
2. [2]Due to rounding, some totals may not correspond with the sum of the separate figures

Table 4.15: Type of out-patient Healthcare facilities/providers where oral healthcare was sought in the last 12 months

Type of facility	Government					Private				
	Count[1]	Estimated Population[2]	% (% by column)	95% CI		Count[1]	Estimated Population[2]	% (% by column)	95% CI	
				Lower	Upper				Lower	Upper
Medical Clinic	2,270	2,020,334	23.5	21.0	26.2	570	635,932	7.4	6.2	8.8
Dental Clinic	3,176	3,147,911	36.6	32.9	40.5	1,539	1,899,097	22.1	19.6	24.8
Pharmacy	0	0	0.0	0.0	0.0	1	1,600	0.0	0.0	0.1
Hospital	798	844,580	9.8	8.2	11.7	23	26,918	0.3	0.2	0.6
TCM	0	0	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Others	9	14,830	0.2	0.0	0.8	1	1,344	0.0	0.0	0.1
All facilities combined	6,253	6,027,655	70.1	62.1	79.2	2,134	2,564,891	29.8	26.0	34.4

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged > 13 years old and not working.

Table 4.16: Characteristics of seeking oral healthcare at out-patient facilities in the last 12 months

Variable	Count[1]	Estimated Population[2]	Mean	95% CL		SD	Median	(IQR)
				Upper	Lower			
Frequency of visit (times)								
Total	**6,732**	**8,874,764**	**1.33**	**1.26**	**1.41**	**2.18**	**1**	**1 – 1**
Sector								
Government facility	5,038	6,067,161	1.31	1.21	1.41	2.45	1	1 – 1
Private facility	1,742	2,807,603	1.34	1.26	1.41	1.33	1	1 – 1
Location								
Urban	3,976	6,918,775	1.37	1.27	1.46	2.44	1	1 – 1
Rural	2,761	1,960,574	1.22	1.17	1.27	0.94	1	1 – 1
Region								
Peninsular Malaysia	5,771	7,028,913	1.31	1.23	1.40	2.31	1	1 – 1
Sabah / Labuan	659	1,171,375	1.41	1.24	1.57	1.58	1	1 – 1
Sarawak	307	679,061	1.43	1.22	1.63	1.51	1	1 – 1
Distance to facility (km)								
Total	**6,419**	**64,080,522**	**10.15**	**9.20**	**11.10**	**27.32**	**5**	**2 – 10**
Sector								
Government facility	4,812	38,570,090	8.81	7.69	9.92	25.94	4	2 – 8
Private facility	1,655	23,786,665	11.93	10.36	13.50	27.99	5	2 – 12
Location								
Urban	3,808	44,229,147	9.18	8.20	10.17	25.54	5	2 – 10
Rural	2,615	19,863,033	13.26	10.83	15.69	32.17	5	2 – 14
Region								
Peninsular Malaysia	5,568	49,178,546	9.53	8.62	10.43	27.07	5	2 – 10
Sabah / Labuan	628	8,625,506	10.82	8.78	12.87	24.35	5	2 – 12
Sarawak	227	6,288,127	17.74	8.38	27.10	35.04	4	1 – 15
Travel time to facility (minutes)								
Total	**6,098**	**127,945,422**	**21.36**	**17.59**	**25.12**	**102.20**	**10**	**5 – 20**
Sector								
Government facility	4,590	74,212,243	17.64	15.10	20.19	68.80	10	5 – 15
Private facility	1,553	49,926,896	27.09	16.46	37.71	151.50	15	10 – 20
Location								
Urban	3,595	85,388,320	18.87	14.49	23.24	95.50	10	5 – 20
Rural	2,507	42,634,438	29.01	21.64	36.38	120.10	15	5 – 25
Region								
Peninsular Malaysia	5,212	91,583,805	19.19	15.00	23.39	96.94	10	5 – 20
Sabah / Labuan	601	20,568,757	26.68	18.09	35.26	91.25	15	10 – 25
Sarawak	289	15,870,195	35.05	16.29	53.80	157.50	15	5 – 30

Table 4.17: Frequency of visit to government oral healthcare facilities in the last 12 months

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**4,560**	**4,100,312**	**88.7**	**87.2**	**90.2**	**257**	**295,207**	**6.4**	**5.3**	**7.6**	**221**	**224,559**	**4.9**	**4.0**	**5.8**
State															
Johor	364	451,750	86.8	81.0	91.1	32	44,199	8.5	5.5	13.0	19	24,273	4.7	2.2	9.6
Kedah	294	283,798	91.1	83.8	95.3	15	15,941	5.1	2.7	9.6	11	11,774	3.8	1.5	9.1
Kelantan	441	385,269	93.2	89.7	95.6	17	17,534	4.2	2.6	6.8	13	10,498	2.5	1.3	4.9
Melaka	347	172,007	93.2	86.6	96.7	10	6,090	3.3	1.5	7.3	9	6,383	3.5	1.4	8.5
Negeri Sembilan	314	179,021	95.5	91.0	97.8	8	4,998	2.7	1.3	5.6	7	3,524	1.9	0.8	4.3
Pahang	302	264,604	96.0	92.8	97.8	6	4,260	1.5	0.6	3.7	11	6,724	2.4	1.3	4.4
Pulau Pinang	203	146,772	87.1	77.3	93.1	13	11,479	6.8	2.6	16.5	19	10,198	6.1	2.4	14.2
Perak	221	269,804	91.9	86.7	95.2	9	12,439	4.2	1.9	9.1	15	11,238	3.8	2.1	6.8
Perlis	379	52,279	94.0	89.2	96.8	16	2,694	4.8	2.5	9.2	5	641	1.2	0.4	3.1
Selangor	532	673,595	89.5	85.7	92.4	33	40,543	5.4	3.6	7.9	30	38,438	5.1	3.4	7.7
Terengganu	315	195,580	89.2	82.7	93.4	18	12,378	5.6	3.1	10.1	14	11,311	5.2	2.6	10.0
Sabah & Labuan	452	533,151	82.4	76.8	87.0	44	61,953	9.6	6.6	13.7	36	51,594	8.0	5.5	11.4
Sarawak	208	317,105	82.0	75.0	87.4	25	40,361	10.4	6.2	17.0	19	29,206	7.6	4.9	11.4
WP Kuala Lumpur	88	164,396	85.4	72.5	92.9	7	19,970	10.4	3.9	24.9	6	8,096	4.2	1.7	10.2
WP Putrajaya	100	11,182	91.6	84.7	95.5	4	369	3.0	1.0	9.1	7	662	5.4	2.5	11.2
Location															
Urban	2,387	2,841,173	87.8	85.7	89.7	161	230,053	7.1	5.8	8.7	126	163,034	5.0	4.0	6.3
Rural	2,173	1,259,139	90.9	88.9	92.5	96	65,155	4.7	3.5	6.3	95	61,525	4.4	3.4	5.8
Sex															
Male	2,000	1,907,903	89.5	87.4	91.3	112	138,427	6.5	5.1	8.2	77	84,964	4.0	3.0	5.2
Female	2,560	2,192,409	88.1	86.1	89.8	145	156,781	6.3	5.1	7.7	144	139,595	5.6	4.5	6.9
Age Group (years)															
0 - 4	154	137,588	95.4	89.4	98.1	3	2,834	2.0	0.6	6.0	3	3,756	2.6	0.7	8.9
5 - 9	1,006	840,237	92.8	89.9	94.9	39	48,478	5.4	3.5	8.1	18	16,795	1.9	1.0	3.4
10 - 14	1,164	1,064,550	92.5	90.1	94.4	44	52,468	4.6	3.2	6.5	34	33,645	2.9	1.9	4.6
15 - 19	682	712,563	90.3	86.8	92.9	32	39,155	5.0	3.1	7.9	29	37,775	4.8	3.0	7.5
20 - 24	182	240,763	78.8	71.7	84.5	21	31,509	10.3	6.5	16.0	19	33,075	10.8	6.6	17.2
25 - 29	226	230,216	86.0	79.6	90.7	17	22,021	8.2	4.7	14.1	13	15,382	5.7	3.1	10.5
30 - 34	214	201,066	83.8	73.4	90.7	16	22,384	9.3	3.8	21.4	14	16,444	6.9	3.7	12.3
35 - 39	161	140,921	86.6	79.0	91.7	13	10,003	6.1	3.0	12.2	12	11,798	7.3	3.7	13.6
40 - 44	140	108,278	80.6	71.7	87.2	18	17,209	12.8	7.5	21.1	13	8,860	6.6	3.3	12.6
45 - 49	179	134,926	82.0	74.6	87.6	14	14,035	8.5	4.8	14.7	18	15,572	9.5	5.7	15.4

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**4,560**	**4,100,312**	**88.7**	**87.2**	**90.2**	**257**	**295,207**	**6.4**	**5.3**	**7.6**	**221**	**224,559**	**4.9**	**4.0**	**5.8**
50 - 54	168	109,542	78.9	69.9	85.8	14	16,659	12.0	6.7	20.6	17	12,606	9.1	5.3	15.2
55 - 59	96	63,391	78.7	68.9	86.0	14	9,601	11.9	6.6	20.4	10	7,581	9.4	4.6	18.1
60 - 64	89	55,419	86.1	75.0	92.7	3	1,910	3.0	0.8	10.7	10	7,063	11.0	5.2	21.6
65 - 69	60	41,303	90.8	74.8	97.1	3	3,190	7.0	1.7	25.1	3	987	2.2	0.6	8.0
70 - 74	22	10,591	68.6	44.8	85.5	4	2,969	19.2	6.6	44.5	5	1,882	12.2	4.1	30.8
75+	17	8,958	80.8	50.6	94.6	2	784	7.1	1.2	32.1	3	1,338	12.1	2.3	44.4
Ethnicity [3]															
Malays	3,256	2,628,809	90.7	89.0	92.2	163	157,943	5.5	4.4	6.7	128	111,109	3.8	2.9	5.0
Chinese	416	510,843	88.4	83.6	91.9	26	35,028	6.1	3.5	10.4	27	32,029	5.5	3.6	8.5
Indian	276	260,413	88.2	79.2	93.7	15	21,811	7.4	2.9	17.7	18	12,931	4.4	2.5	7.5
Bumiputera Sabah	321	336,145	83.5	77.7	88.0	29	34,658	8.6	5.4	13.4	26	31,925	7.9	5.3	11.7
Bumiputera Sarawak	102	178,235	80.3	70.0	87.7	12	27,298	12.3	6.5	22.1	10	16,461	7.4	4.2	12.7
Orang Asli	18	15,082	100.0	0.0	0.0	-	-	-	-	-	0	-	0.0	0.0	0.0
Others	171	170,785	81.6	72.9	87.9	12	18,469	8.8	5.2	14.5	12	20,103	9.6	5.4	16.6
Citizenship															
Malaysian	4,519	4,057,390	88.8	87.2	90.3	253	289,842	6.3	5.3	7.6	218	220,253	4.8	4.0	5.8
Non Malaysian	41	42,922	81.6	65.1	91.3	4	5,365	10.2	3.7	25.3	3	4,306	8.2	2.4	24.2
Marital status [4]															
Never married	1,375	1,391,341	89.2	86.5	91.3	77	97,177	6.2	4.7	8.3	50	71,768	4.6	3.3	6.4
Married	1,207	995,447	83.3	80.4	85.9	99	102,864	8.6	6.6	11.2	109	96,125	8.0	6.5	9.9
Widow/Widower/ Divorcee	123	88,556	86.1	77.1	92.0	9	5,714	5.6	2.2	13.6	14	8,552	8.3	4.3	15.5
Education level [5]															
No formal education	128	96,684	84.8	73.9	91.7	8	9,164	8.0	3.8	16.3	9	8,104	7.1	3.3	14.5
Primary	1,961	1,692,681	90.7	88.7	92.3	92	107,613	5.8	4.4	7.4	76	66,727	3.6	2.6	4.8
Secondary	1,357	1,272,044	86.4	83.6	88.9	88	103,895	7.1	5.2	9.6	88	95,686	6.5	5.1	8.3
Tertiary	440	437,618	83.4	78.7	87.2	47	51,281	9.8	6.9	13.8	29	35,765	6.8	4.4	10.3
Unclassified	366	341,578	92.6	86.7	96.0	10	10,737	2.9	1.4	5.9	16	16,567	4.5	1.8	10.8
Occupation [6]															
Government /Semi-government employee	262	185,844	80.0	73.2	85.5	26	26,360	11.4	7.3	17.2	23	19,980	8.6	5.2	14.0
Private employee	431	481,539	82.8	78.1	86.6	44	55,288	9.5	6.6	13.5	34	45,091	7.7	5.4	11.0
Self-employed	296	237,643	80.4	72.8	86.2	26	36,007	12.2	7.1	20.0	27	22,066	7.5	4.7	11.8
Unpaid worker/ homemaker	403	323,653	87.5	82.8	91.1	24	18,026	4.9	3.0	7.9	30	28,024	7.6	5.0	11.4
Retiree	57	42,487	81.0	67.0	90.0	5	3,295	6.3	2.0	18.0	9	6,663	12.7	5.7	25.9
Unemployed	255	227,351	83.8	77.0	88.8	19	16,899	6.2	3.4	11.2	25	27,204	10.0	6.1	16.1
Student [7]	1,000	975,911	92.7	89.8	94.7	41	49,880	4.7	3.1	7.1	25	27,417	2.6	1.5	4.4

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**4,560**	**4,100,312**	**88.7**	**87.2**	**90.2**	**257**	**295,207**	**6.4**	**5.3**	**7.6**	**221**	**224,559**	**4.9**	**4.0**	**5.8**
Household Income Group (RM)															
Less than RM1,000	697	567,355	89.1	85.1	92.1	38	40,587	6.4	4.2	9.6	32	28,812	4.5	2.8	7.3
RM1,000 – RM1,999	967	836,643	89.5	86.3	92.1	51	65,475	7.0	4.9	10.0	41	32,555	3.5	2.3	5.3
RM2,000 – RM2,999	818	727,438	88.4	85.4	90.9	53	44,708	5.4	3.9	7.5	50	50,560	6.1	4.4	8.5
RM3,000 – RM3,999	600	544,977	89.5	85.6	92.4	23	30,585	5.0	3.1	8.1	28	33,550	5.5	3.7	8.2
RM4,000 – RM4,999	405	383,437	89.8	84.6	93.3	22	25,528	6.0	3.3	10.7	18	18,227	4.3	2.5	7.2
RM5,000 – RM5,999	314	308,241	91.6	85.0	95.5	13	18,920	5.6	2.4	12.5	9	9,247	2.7	1.2	6.3
RM6,000 – RM6,999	179	182,118	85.5	78.3	90.7	15	20,011	9.4	5.2	16.5	10	10,761	5.1	2.6	9.6
RM7,000 – RM7,999	184	160,991	91.0	83.7	95.3	11	9,286	5.3	2.5	10.9	7	6,574	3.7	1.3	10.2
RM8,000 – RM8,999	129	113,079	83.1	73.0	89.9	9	13,381	9.8	4.8	19.2	7	9,631	7.1	3.0	15.6
RM9,000 – RM9,999	53	45,025	86.5	71.1	94.3	4	2,352	4.5	1.3	14.1	3	4,698	9.0	2.5	27.6
RM10,000 and above	214	231,008	83.9	76.1	89.5	18	24,374	8.9	5.4	14.3	16	19,943	7.2	3.9	13.2
Socioeconomics Quintiles															
Q1 (20% poorest)	573	471,561	88.8	84.4	92.0	33	31,927	6.0	3.8	9.3	30	27,763	5.2	3.2	8.5
Q2	978	845,271	89.7	86.3	92.4	51	67,472	7.2	4.9	10.4	38	29,355	3.1	2.1	4.7
Q3	1,056	935,909	88.9	86.1	91.2	62	57,268	5.4	4.0	7.4	59	59,072	5.6	4.2	7.5
Q4	964	891,791	89.7	86.6	92.0	45	54,175	5.4	3.7	7.9	43	48,747	4.9	3.5	6.9
Q5 (20% richest)	989	955,779	86.9	83.5	89.7	66	84,365	7.7	5.6	10.4	51	59,621	5.4	3.7	7.8
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	881	763,343	87.4	83.2	90.7	55	67,475	7.7	5.3	11.0	42	42,439	4.9	3.4	6.9
Q2	1,118	907,359	87.6	84.2	90.4	73	77,287	7.5	5.3	10.5	51	51,081	4.9	3.4	7.0
Q3	1,010	930,655	89.9	86.7	92.3	46	55,988	5.4	3.6	8.1	47	48,970	4.7	3.3	6.7
Q4	931	853,649	89.6	86.8	91.9	53	58,401	6.1	4.4	8.5	44	40,466	4.2	2.9	6.1
Q5 (20% richest)	620	645,291	89.3	85.3	92.3	30	36,055	5.0	3.2	7.7	37	41,608	5.8	3.9	8.4

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. Student include those who aged > 13 years old and not working

Table 4.18: Frequency of visit to private oral healthcare facilities in the last 12 months

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,487**	**1,764,529**	**84.0**	**81.2**	**86.4**	**160**	**224,288**	**10.7**	**8.6**	**13.1**	**32**	**112,977**	**5.4**	**4.1**	**6.9**
State															
Johor	129	181,063	83.2	74.5	89.3	17	25,359	11.6	6.9	19.0	7	11,308	5.2	2.5	10.5
Kedah	70	82,734	90.6	65.0	98.1	5	7,337	8.0	1.8	29.8	1	1,205	1.3	0.2	7.7
Kelantan	81	74,748	87.9	78.2	93.6	4	3,985	4.7	1.8	11.7	7	6,287	7.4	3.3	15.5
Melaka	75	51,266	92.5	81.4	97.2	5	3,212	5.8	1.8	17.3	4	935	1.7	0.4	7.5
Negeri Sembilan	109	63,487	95.9	89.5	98.5	5	2,710	4.1	1.5	10.5	-	-	0.0	0.0	0.0
Pahang	47	43,051	97.4	83.4	99.6	-	-	0.0	0.0	0.0	1	1,140	2.6	0.4	16.6
Pulau Pinang	131	144,906	85.1	76.7	90.8	12	14,424	8.5	4.1	16.8	16	10,985	6.4	2.7	14.4
Perak	61	86,639	82.7	70.1	90.7	6	10,930	10.4	4.3	23.3	4	7,212	6.9	2.5	17.6
Perlis	74	11,002	87.0	70.2	95.0	8	874	6.9	3.1	14.8	2	763	6.0	1.4	22.4
Selangor	352	570,742	80.8	75.2	85.4	48	81,533	11.5	8.0	16.3	35	54,372	7.7	5.3	11.1
Terengganu	65	40,815	91.3	82.7	95.8	4	2,262	5.1	1.9	12.9	2	1,645	3.7	1.0	12.7
Sabah & Labuan	111	157,777	79.0	68.1	87.0	17	35,092	17.6	10.2	28.5	4	6,752	3.4	1.2	9.1
Sarawak	41	67,364	74.9	59.3	85.9	12	18,131	20.1	10.8	34.5	3	4,493	5.0	1.7	13.8
WP Kuala Lumpur	98	184,297	89.0	77.8	94.9	7	17,296	8.4	3.4	19.3	3	5,490	2.7	0.9	7.5
WP Putrajaya	43	4,638	75.2	63.6	84.0	10	1,143	18.5	10.4	30.8	6	390	6.3	2.7	14.2
Location															
Urban	1,136	1,570,983	84.0	81.0	86.6	125	198,529	10.6	8.5	13.2	71	101,089	5.4	4.1	7.1
Rural	351	193,546	83.7	76.4	89.1	35	25,759	11.1	6.7	17.9	24	11,888	5.1	3.0	8.7
Sex															
Male	638	826,098	84.4	80.5	87.7	68	105,855	10.8	8.1	14.3	41	46,586	4.8	3.2	7.0
Female	849	938,394	83.5	80.1	86.5	92	118,430	10.5	8.0	13.7	54	66,386	5.9	4.3	8.1
Age Group (years)															
0 - 4	34	29,329	95.1	71.9	99.3	1	1,506	4.9	0.7	28.1	0	-	0.0	0.0	0.0
5 - 9	106	120,375	85.4	74.5	92.2	10	10,675	7.6	3.4	16.0	6	9,843	7.0	2.7	16.7
10 - 14	75	79,858	77.0	61.0	87.7	10	16,507	15.9	6.4	34.3	5	7,332	7.1	2.7	17.4
15 - 19	58	74,883	77.1	63.5	86.7	8	13,217	13.6	6.5	26.3	6	9,057	9.3	4.0	20.3
20 - 24	103	168,180	83.0	74.7	89.0	12	21,649	10.7	5.9	18.5	11	12,693	6.3	3.3	11.6
25 - 29	147	201,083	80.6	72.6	86.7	20	32,730	13.1	7.9	20.9	12	15,649	6.3	3.4	11.3
30 - 34	164	219,316	83.0	74.1	89.2	18	31,489	11.9	6.6	20.7	11	13,512	5.1	2.4	10.4
35 - 39	171	206,458	83.2	74.3	89.5	17	30,060	12.1	6.7	20.9	10	11,488	4.6	2.1	9.7
40 - 44	157	190,002	86.7	78.9	91.8	14	23,217	10.6	6.2	17.6	6	6,047	2.8	1.0	7.7
45 - 49	153	165,536	85.7	79.0	90.6	17	15,340	7.9	4.6	13.4	10	12,256	6.3	3.3	11.8

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[1]	%	95% CI		Count[1]	Estimated population[1]	%	95% CI		Count[1]	Estimated population[1]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,487**	**1,764,529**	**84.0**	**81.2**	**86.4**	**160**	**224,288**	**10.7**	**8.6**	**13.1**	**32**	**112,977**	**5.4**	**4.1**	**6.9**
50 - 54	132	137,630	89.4	81.9	94.0	14	12,253	8.0	4.1	15.0	4	4,097	2.7	0.8	8.2
55 - 59	88	87,560	87.9	78.8	93.5	8	6,956	7.0	3.0	15.6	5	5,042	5.1	2.0	12.4
60 - 64	46	35,909	88.7	75.5	95.3	5	3,364	8.3	3.0	21.0	3	1,196	3.0	0.5	16.1
65 - 69	31	28,703	90.5	73.9	97.0	-	-	0.0	0.0	0.0	5	3,010	9.5	3.0	26.1
70 - 74	13	7,685	56.6	26.7	82.3	4	4,153	30.6	9.5	65.0	1	1,750	12.9	1.8	53.8
75+	9	11,986	91.1	67.3	98.1	2	1,167	8.9	1.9	32.7	0	-	0.0	0.0	0.0
Ethnicity [5]															
Malays	866	831,965	82.6	78.5	86.1	97	117,608	11.7	8.9	15.2	56	57,759	5.7	4.1	7.9
Chinese	355	595,948	85.4	80.5	89.2	35	66,807	9.6	6.4	14.0	25	35,437	5.1	3.2	8.0
Indian	134	151,549	84.9	76.5	90.7	12	15,873	8.9	5.1	15.2	8	11,046	6.2	2.5	14.6
Bumiputera Sabah	32	35,313	72.5	54.4	85.4	9	11,865	24.4	11.7	44.1	1	1,500	3.1	0.4	18.9
Bumiputera Sarawak	16	30,367	86.5	55.0	97.1	2	3,739	10.6	1.8	44.0	1	1,003	2.9	0.3	20.0
Orang Asli	-	-	-	-	-	-	-	-	-	-					
Others	84	119,350	89.1	77.6	95.0	5	8,392	6.3	2.3	15.7	4	6,227	4.6	1.6	12.7
Citizenship															
Malaysian	1,430	1,679,238	83.6	80.7	86.1	157	220,628	11.0	8.9	13.5	93	108,767	5.4	4.2	7.0
Non Malaysian	57	85,254	91.6	80.3	96.6	3	3,657	3.9	1.0	14.2	2	4,205	4.5	1.2	15.9
Marital status [4]															
Never married	303	454,087	80.3	74.7	84.9	42	70,555	12.5	8.4	18.1	31	40,825	7.2	5.0	10.4
Married	933	1,058,978	85.4	82.1	88.2	93	128,284	10.3	8.0	13.2	51	52,498	4.2	3.0	6.0
Widow/Widower/ Divorcee	67	58,101	86.4	74.2	93.3	6	5,110	7.6	3.2	16.9	4	4,068	6.0	1.7	19.7
Education level [3]															
No formal education	22	21,081	98.3	88.4	99.8	-	-	0.0	0.0	0.0	1	367	1.7	0.2	11.6
Primary	265	278,863	82.9	75.6	88.4	27	34,664	10.3	5.8	17.7	16	22,888	6.8	3.8	11.8
Secondary	569	649,818	85.7	81.5	89.0	54	78,285	10.3	7.4	14.3	30	30,581	4.0	2.6	6.1
Tertiary	532	703,962	81.0	76.7	84.7	75	107,170	12.3	9.3	16.2	46	57,698	6.6	4.8	9.2
Unclassified	26	32,614	95.9	75.5	99.4	2	1,400	4.1	0.6	24.5	0	-	0.0	0.0	0.0
Occupation [3]															
Government /Semi-government employee	230	229,000	82.7	76.4	87.6	31	35,381	12.8	8.4	18.9	15	12,448	4.5	2.5	8.0
Private employee	461	654,504	83.6	79.0	87.3	55	94,889	12.1	8.8	16.5	28	33,710	4.3	2.8	6.5
Self-employed	209	239,115	85.0	77.8	90.2	19	20,607	7.3	4.3	12.3	17	21,439	7.6	4.3	13.2
Unpaid worker/homemaker	176	172,696	88.2	81.1	92.9	13	16,732	8.5	4.6	15.2	6	6,339	3.2	1.2	8.6
Retiree	47	35,229	78.2	61.9	88.8	5	4,967	11.0	4.4	24.9	6	4,872	10.8	3.9	26.5
Unemployed	73	83,445	89.0	78.2	94.9	8	10,016	10.7	4.9	21.6	1	250	0.3	0.0	1.9
Student [4]	107	157,176	79.8	69.5	87.3	10	21,358	10.8	5.2	21.4	13	18,334	9.3	5.2	16.3

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,487**	**1,764,529**	**84.0**	**81.2**	**86.4**	**160**	**224,288**	**10.7**	**8.6**	**13.1**	**32**	**112,977**	**5.4**	**4.1**	**6.9**
Household Income Group (RM)															
Less than RM1,000	113	129,326	91.3	82.8	95.8	6	4,414	3.1	1.1	8.3	8	7,904	5.6	2.0	14.6
RM1,000 – RM1,999	131	124,987	80.4	71.5	87.0	19	23,381	15.0	9.6	22.9	6	7,167	4.6	1.7	11.9
RM2,000 – RM2,999	163	181,264	89.8	83.0	94.1	12	14,655	7.3	3.6	14.0	8	5,887	2.9	1.0	8.0
RM3,000 – RM3,999	172	194,859	85.7	77.2	91.4	18	27,763	12.2	7.1	20.1	5	4,779	2.1	0.8	5.5
RM4,000 – RM4,999	146	187,587	85.6	77.3	91.2	10	18,227	8.3	3.8	17.3	13	13,330	6.1	3.2	11.3
RM5,000 – RM5,999	158	184,836	84.3	76.1	90.0	15	19,139	8.7	4.6	15.9	11	15,353	7.0	3.4	13.8
RM6,000 – RM6,999	97	113,812	85.0	71.8	92.6	8	12,850	9.6	3.4	24.3	6	7,268	5.4	2.0	13.7
RM7,000 – RM7,999	88	104,044	81.6	69.9	89.5	11	15,425	12.1	6.2	22.1	7	8,005	6.3	2.4	15.2
RM8,000 – RM8,999	87	95,765	80.9	67.9	89.4	8	14,124	11.9	4.9	26.2	6	8,541	7.2	3.2	15.6
RM9,000 – RM9,999	62	85,988	95.8	89.8	98.3	3	1,632	1.8	0.5	6.3	2	2,160	2.4	0.6	9.6
RM10,000 and above	270	362,023	77.5	70.7	83.1	50	72,674	15.6	11.0	21.5	23	32,580	7.0	4.4	10.9
Household Income Quintiles															
Q1 (20% poorest)	103	124,832	91.3	82.5	95.9	5	3,948	2.9	1.0	8.4	8	7,904	5.8	2.1	15.1
Q2	130	121,950	80.8	71.5	87.6	17	21,808	14.4	8.9	22.7	6	7,167	4.7	1.8	12.2
Q3	217	237,541	86.7	80.2	91.3	22	30,630	11.2	6.9	17.7	8	5,887	2.1	0.7	6.0
Q4	334	416,157	87.5	82.2	91.3	23	33,467	7.0	4.1	11.8	23	26,235	5.5	3.5	8.7
Q5 (20% richest)	703	864,012	81.2	76.8	84.9	93	134,432	12.6	9.5	16.6	50	65,779	6.2	4.4	8.6
Q1 (20% poorest)	103	124,832	91.3	82.5	95.9	5	3,948	2.9	1.0	8.4	8	7,904	5.8	2.1	15.1
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	123	127,555	89.7	82.0	94.3	13	12,014	8.4	4.1	16.4	7	2,627	1.8	0.8	4.4
Q2	211	209,950	85.0	76.0	91.1	20	28,756	11.6	6.4	20.1	7	8,232	3.3	1.4	7.9
Q3	255	287,405	85.4	79.4	89.8	26	31,990	9.5	6.1	14.5	13	17,251	5.1	2.7	9.6
Q4	349	429,471	85.1	79.2	89.5	32	51,327	10.2	6.5	15.6	19	23,971	4.7	2.9	7.8
Q5 (20% richest)	549	710,148	81.5	76.9	85.4	69	100,201	11.5	8.5	15.4	49	60,896	7.0	4.9	9.9

Notes

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged > 13 years old and not working.

Table 4.19: Frequency of visit to urban oral healthcare facilities in the last 12 months

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**3,477**	**4,343,020**	**85.8**	**83.9**	**87.5**	**296**	**439,520**	**8.7**	**7.4**	**10.1**	**203**	**277,429**	**5.5**	**4.6**	**6.5**
State															
Johor	328	483,602	83.8	78.1	88.3	42	61,871	10.7	7.5	15.1	20	31,552	5.5	3.0	9.7
Kedah	179	236,397	89.5	74.2	96.2	14	18,964	7.2	2.7	17.7	6	8,769	3.3	0.9	11.6
Kelantan	236	207,261	94.4	88.8	97.2	7	6,848	3.1	1.4	6.9	6	5,546	2.5	1.2	5.1
Melaka	219	208,428	92.8	86.7	96.2	12	9,116	4.1	2.0	8.1	8	6,976	3.1	1.1	8.2
Negeri Sembilan	231	185,658	95.7	91.4	97.9	7	6,003	3.1	1.5	6.1	3	2,299	1.2	0.4	3.6
Pahang	161	163,961	97.1	91.5	99.0	3	3,875	2.3	0.8	6.7	1	1,041	0.6	0.1	4.1
Pulau Pinang	151	265,035	85.0	78.3	89.9	14	29,002	9.3	5.5	15.2	14	17,788	5.7	2.8	1.3
Perak	161	283,350	88.0	81.9	92.3	13	23,946	7.4	4.2	12.7	9	14,628	4.5	2.5	8.2
Perlis	243	40,324	91.9	84.3	96.0	10	1,725	3.9	2.1	7.4	7	1,816	4.1	1.7	9.8
Selangor	694	1,149,220	84.4	80.3	87.9	72	118,635	8.7	6.5	11.7	59	93,325	6.9	5.1	9.2
Terengganu	182	145,381	87.9	79.0	93.4	10	8,763	5.3	2.3	11.8	12	11,175	6.8	3.5	12.6
Sabah & Labuan	256	400,256	77.8	70.8	83.5	38	65,728	12.8	9.1	17.7	26	48,467	9.4	6.4	13.7
Sarawak	112	211,168	76.8	66.5	84.6	23	44,552	16.2	9.7	25.7	10	19,412	7.1	3.9	12.3
WP Kuala Lumpur	185	347,698	86.9	79.4	92.0	15	38,714	9.7	5.2	17.4	9	13,585	3.4	1.7	6.8
WP Putrajaya	139	15,282	84.4	75.7	90.4	16	1,779	9.8	5.0	18.5	13	1,051	5.8	3.2	10.3
Sex															
Male	1,512	2,027,616	95.8	88.2	98.6	123	202,263	8.6	7.0	10.6	79	110,046	4.7	3.6	6.1
Female	1,965	2,315,404	89.3	85.1	92.4	173	237,258	8.7	7.3	10.4	124	167,383	6.2	5.0	7.6
Age Group (years)															
0 - 4	102	117,117	95.8	88.2	98.6	2	2,538	2.1	0.5	8.1	2	2,642	2.2	0.4	10.4
5 - 9	573	664,739	89.3	85.1	92.4	43	56,622	7.6	5.1	11.3	14	23,116	3.1	1.7	5.5
10 - 14	692	812,856	89.5	85.9	92.3	38	52,738	5.8	4.0	8.5	28	42,570	4.7	2.9	7.6
15 - 19	416	555,837	88.3	84.1	91.5	23	35,976	5.7	3.7	8.8	24	37,658	6.0	3.7	9.5
20 - 24	151	289,052	80.4	74.0	85.6	21	38,080	10.6	6.8	16.1	18	32,314	9.0	5.6	14.2
25 - 29	233	331,270	80.2	73.9	85.3	28	51,348	12.4	8.2	18.5	23	30,259	7.3	4.7	11.2
30 - 34	230	325,417	82.7	75.1	88.4	24	45,482	11.6	6.6	19.5	16	22,518	5.7	3.2	10.0
35 - 39	220	293,244	83.2	76.4	88.3	22	37,446	10.6	6.4	17.2	17	21,844	6.2	3.7	10.3
40 - 44	195	242,606	83.3	76.6	88.4	23	38,239	13.1	8.8	19.3	8	10,250	3.5	1.6	7.6
45 - 49	208	239,074	83.4	77.3	88.1	20	24,701	8.6	5.3	13.6	19	22,922	8.0	5.0	12.5

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**3,477**	**4,343,020**	**85.8**	**83.9**	**87.5**	**296**	**439,520**	**8.7**	**7.4**	**10.1**	**203**	**277,429**	**5.5**	**4.6**	**6.5**
50 - 54	186	199,860	83.2	76.3	88.5	22	26,851	11.2	7.0	17.4	13	13,432	5.6	3.1	9.8
55 - 59	113	119,320	82.4	74.4	88.4	16	16,883	11.7	6.7	19.5	8	8,530	5.9	2.8	11.9
60 - 64	76	71,062	90.4	81.2	95.3	5	3,908	5.0	1.8	12.9	5	3,681	4.7	1.6	12.9
65 - 69	51	54,364	92.3	77.4	97.6	1	2,250	3.8	0.5	22.7	4	2,313	3.9	1.0	14.3
70 - 74	15	11,363	59.3	33.0	81.2	6	5,642	29.5	11.3	57.9	2	2,150	11.2	2.2	41.7
75+	16	15,838	88.6	65.0	97.0	2	814	4.6	0.8	22.7	2	1,229	6.9	1.1	32.3
Ethnicity[3]															
Malays	2,231	2,451,649	86.9	84.5	89.0	177	229,285	8.1	6.7	9.9	111	139,457	4.9	3.8	6.4
Chinese	628	1,060,460	87.3	83.8	90.1	47	89,406	7.4	5.2	10.4	41	64,956	5.3	3.8	7.4
Indian	310	370,821	84.7	78.1	89.5	28	44,203	10.1	6.1	16.3	19	22,942	5.2	3.0	9.0
Bumiputera Sabah	117	161,482	73.6	65.4	80.4	25	35,690	16.3	10.9	23.6	16	22,306	10.2	6.5	15.6
Bumiputera Sarawak	31	86,594	72.4	56.7	84.0	10	25,923	21.7	12.7	34.6	3	7,032	5.9	2.4	13.9
Orang Asli	1	500	100.0	-	-	-	-	0.0	0.0	0.0	0	-	-	-	-
Others	159	211,515	85.5	77.3	91.1	9	15,013	6.1	3.3	10.9	13	20,736	8.4	4.5	15.0
Citizenship															
Malaysian	3,412	4,247,888	85.8	83.8	87.5	294	436,454	8.8	7.6	10.3	198	268,918	5.4	4.5	6.5
Non Malaysian	65	95,132	89.2	77.5	95.1	2	3,066	2.9	0.7	11.3	5	8,511	8.0	2.9	20.1
Marital status[4]															
Never married	985	1,370,375	85.7	82.7	88.2	75	127,143	7.9	6.1	10.3	61	102,160	6.4	4.8	8.5
Married	1,308	1,590,002	83.3	80.4	85.8	142	207,035	10.8	8.9	13.2	97	112,419	5.9	4.7	7.4
Widow/Widower/ Divorcee	105	110,063	86.4	77.4	92.2	8	9,359	7.3	3.3	15.6	8	7,981	6.3	2.8	13.6
Education level[5]															
No formal education	55	58,303	85.7	67.4	94.6	4	6,332	9.3	3.5	22.4	2	3,385	5.0	1.2	17.9
Primary	1,208	1,404,946	87.4	84.5	89.8	91	119,977	7.5	5.7	9.7	61	82,215	5.1	3.7	7.1
Secondary	1,113	1,424,861	85.7	82.8	88.1	87	146,616	8.8	6.8	11.4	64	91,337	5.5	4.2	7.1
Tertiary	710	974,264	80.9	77.3	84.0	95	143,731	11.9	9.4	15.1	66	86,632	7.2	5.4	9.5
Unclassified	189	230,711	90.9	82.7	95.4	9	10,989	4.3	2.1	8.8	8	12,155	4.8	1.5	14.2
Occupation[6]															
Government /Semi-government employee	324	327,887	81.0	75.7	85.3	42	51,548	12.7	9.0	17.7	28	25,571	6.3	3.9	0.1
Private employee	607	937,665	81.8	78.1	85.1	76	141,617	12.4	9.6	15.8	43	66,349	5.8	4.2	7.9
Self-employed	269	325,888	80.5	73.5	86.1	26	44,744	11.1	6.8	17.4	24	34,077	8.4	5.3	13.0
Unpaid worker/homemaker	308	360,174	87.3	82.6	90.8	24	28,406	6.9	4.4	10.5	20	24,139	5.8	3.7	9.2
Retiree	74	70,219	84.5	73.7	91.3	5	5,475	6.6	2.7	15.3	9	7,438	8.9	4.0	8.9
Unemployed	164	208,773	85.3	78.3	90.3	18	21,015	8.6	5.1	14.1	10	14,969	6.1	3.0	2.2
Student[4]	652	839,835	89.3	85.8	92.0	34	50,732	5.4	3.7	7.8	32	50,016	5.3	3.4	8.3

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**3,477**	**4,343,020**	**85.8**	**83.9**	**87.5**	**296**	**439,520**	**8.7**	**7.4**	**10.1**	**203**	**277,429**	**5.5**	**4.6**	**6.5**
Household Income Group (RM)															
Less than RM1,000	352	413,878	87.9	82.1	92.0	26	33,491	7.1	4.5	11.1	20	23,550	5.0	2.8	8.9
RM1,000 – RM1,999	468	563,117	86.6	82.0	90.2	45	65,245	10.0	7.0	14.2	20	22,086	3.4	1.9	5.9
RM2,000 – RM2,999	506	637,390	88.4	85.0	91.1	31	41,772	5.8	4.0	8.3	30	42,043	5.8	3.9	8.5
RM3,000 – RM3,999	453	565,148	86.3	81.9	89.7	32	57,977	8.8	6.1	12.7	21	31,998	4.9	3.2	7.4
RM4,000 – RM4,999	360	450,499	87.4	82.4	91.2	25	39,979	7.8	4.9	12.2	20	24,939	4.8	3.0	7.8
RM5,000 – RM5,999	334	416,997	88.0	82.3	92.0	23	36,037	7.6	4.4	12.8	15	21,005	4.4	2.3	8.2
RM6,000 – RM6,999	202	260,475	84.3	77.4	89.3	17	29,637	9.6	5.3	16.8	15	18,978	6.1	3.6	10.2
RM7,000 – RM7,999	176	215,746	87.2	79.6	92.2	15	20,012	8.1	4.5	14.2	9	11,770	4.8	2.0	10.7
RM8,000 – RM8,999	146	173,061	80.4	71.1	87.3	17	27,871	13.0	7.3	22.1	9	14,186	6.6	3.4	12.5
RM9,000 – RM9,999	83	113,076	94.6	89.4	97.3	4	3,559	3.0	1.1	7.9	3	2,878	2.4	0.8	7.4
RM10,000 and above	397	533,635	78.3	72.5	83.2	61	83,941	12.3	9.3	16.1	41	63,995	9.4	6.4	13.5
Household Income Quintiles															
Q1 (20% poorest)	309	366,221	88.1	81.8	92.4	22	26,808	6.4	3.9	10.4	19	22,842	5.5	3.0	9.9
Q2	454	547,834	86.5	81.4	90.3	44	65,211	10.3	6.9	15.1	19	20,615	3.3	1.9	5.5
Q3	677	842,793	87.8	84.3	90.5	47	69,339	7.2	5.2	9.9	35	48,104	5.0	3.5	7.1
Q4	814	1,029,400	87.6	84.5	90.1	52	83,672	7.1	5.2	9.6	44	62,415	5.3	3.8	7.3
Q5 (20% richest)	1,223	1,556,772	83.0	79.9	85.8	131	194,490	10.4	8.3	12.9	86	123,453	6.6	5.1	8.5
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	372	469,256	85.0	78.3	89.9	38	56,769	10.3	6.6	15.6	19	26,134	4.7	2.9	7.7
Q2	557	654,400	85.6	80.8	89.4	50	77,679	10.2	7.0	14.6	23	32,505	4.3	2.6	6.9
Q3	715	902,184	87.8	84.4	90.5	52	70,115	6.8	4.8	9.6	39	55,563	5.4	3.8	7.7
Q4	872	1,074,208	86.8	83.5	89.6	70	109,283	8.8	6.7	11.5	42	53,434	4.3	3.0	6.1
Q5 (20% richest)	961	1,243,016	84.1	80.4	87.1	86	125,676	8.5	6.5	11.0	80	109,800	7.4	5.7	9.7

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged > 13 years old and not working

Table 4.20: Frequency of visit to rural oral healthcare facilities in the last 12 months

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**2,501**	**1,434,143**	**89.4**	**87.3**	**91.2**	**135**	**89,786**	**5.6**	**4.3**	**7.2**	**123**	**79,546**	**5.0**	**3.8**	**6.4**
State															
Johor	149	126,472	85.2	75.8	91.3	11	14,973	10.1	4.7	20.5	9	7,075	4.8	1.9	11.5
Kedah	183	129,015	93.4	86.2	97.0	7	4,874	3.5	1.3	9.0	6	4,210	3.0	1.3	7.0
Kelantan	281	247,769	90.0	84.6	93.6	15	14,975	5.4	3.2	9.2	15	12,699	4.6	2.3	8.9
Melaka	201	14,645	95.9	89.1	98.5	4	287	1.9	0.6	5.4	5	342	2.2	0.5	8.9
Negeri Sembilan	189	56,091	94.7	89.0	97.6	7	1,892	3.2	1.6	6.2	4	1,225	2.1	0.6	6.6
Pahang	184	138,023	93.2	87.7	96.4	5	3,219	2.2	0.8	5.9	11	6,823	4.6	2.2	9.2
Pulau Pinang	180	18,700	83.7	72.2	91.0	13	1,343	6.0	3.2	11.1	20	2,301	10.3	5.6	18.1
Perak	119	68,439	92.5	86.8	95.8	3	1,747	2.4	0.7	7.8	10	3,822	5.2	2.5	10.3
Perlis	203	21,341	92.6	88.2	95.5	15	1,561	6.8	4.3	10.6	1	138	0.6	0.1	3.8
Selangor	178	77,077	91.2	82.7	95.7	9	3,887	4.6	2.0	10.1	9	3,570	4.2	1.9	9.1
Terengganu	197	90,312	92.9	87.5	96.1	11	5,176	5.3	2.8	9.9	4	1,674	1.7	0.5	5.4
Sabah & Labuan	301	274,027	86.4	78.9	91.4	22	22,981	7.2	4.0	12.8	16	20,315	6.4	3.3	12.1
Sarawak	136	172,233	85.9	79.8	90.4	13	12,871	6.4	3.6	11.2	13	15,353	7.7	4.4	12.9
WP Kuala Lumpur	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0	-	0.0	0.0	0.0
WP Putrajaya	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0	-	0.0	0.0	0.0
Sex															
Male	1,098	672,225	89.6	86.7	92.0	63	49,300	6.6	4.5	9.4	44	28,494	3.8	2.5	5.7
Female	1,403	761,918	89.3	86.7	91.4	72	40,486	4.7	3.5	6.4	79	51,052	6.0	4.4	8.0
Age Group (years)															
0 - 4	86	49,800	94.5	84.2	98.2	2	1,802	3.4	0.8	13.2	1	1,114	2.1	0.3	13.1
5 - 9	535	292,361	97.4	95.5	98.5	8	4,288	1.4	0.6	3.3	10	3,522	1.2	0.6	2.5
10 - 14	542	319,455	95.3	92.0	97.2	14	7,998	2.4	1.3	4.4	14	7,932	2.4	1.0	5.4
15 - 19	319	227,645	89.4	82.3	93.9	18	16,499	6.5	2.9	13.9	12	10,427	4.1	1.9	8.6
20 - 24	116	100,153	75.0	64.8	82.9	13	15,387	11.5	6.4	19.8	16	18,072	13.5	7.6	23.0
25 - 29	129	88,093	90.2	84.1	94.1	13	7,771	8.0	4.4	13.9	3	1,838	1.9	0.5	6.7
30 - 34	142	84,478	82.3	71.2	89.8	11	8,249	8.0	3.7	16.6	9	9,866	9.6	4.4	19.8
35 - 39	107	49,675	87.7	79.0	93.1	10	5,533	9.8	5.1	18.0	5	1,442	2.5	0.6	10.4
40 - 44	94	46,145	79.9	71.0	86.6	13	6,950	12.0	7.0	20.0	11	4,657	8.1	4.1	15.3
45 - 49	121	55,226	82.1	72.7	88.8	11	5,841	8.7	4.1	17.4	10	6,182	9.2	4.8	17.0

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**2,501**	**1,434,143**	**89.4**	**87.3**	**91.2**	**135**	**89,786**	**5.6**	**4.3**	**7.2**	**123**	**79,546**	**5.0**	**3.8**	**6.4**
50 - 54	114	47,312	89.9	81.3	94.8	6	2,061	3.9	1.3	11.5	8	3,271	6.2	2.7	13.6
55 - 59	67	25,266	78.4	64.6	87.9	8	2,856	8.9	3.9	18.9	7	4,093	12.7	5.6	26.2
60 - 64	60	21,245	81.4	63.7	91.6	3	1,366	5.2	1.3	18.8	7	3,484	13.4	4.9	31.6
65 - 69	39	15,270	85.3	70.2	93.5	1	568	3.2	0.4	19.6	5	2,055	11.5	4.7	25.4
70 - 74	20	6,913	70.0	43.0	87.8	2	1,480	15.0	3.5	45.9	4	1,482	15.0	4.5	40.0
75+	10	5,106	80.4	42.4	95.8	2	1,137	17.9	3.5	56.6	1	109	1.7	0.2	13.5
Ethnicity															
Malays	1,840	947,326	90.9	88.7	92.6	92	51,118	4.9	3.7	6.4	81	44,038	4.2	3.1	5.7
Chinese	142	47,735	77.4	54.2	90.8	14	11,256	18.2	6.3	42.8	11	2,691	4.4	1.5	11.8
Indian	88	23,338	88.0	76.0	94.4	4	754	2.8	1.1	7.2	8	2,436	9.2	3.6	21.3
Bumiputera Sabah	236	209,975	90.5	85.0	94.2	13	10,832	4.7	2.4	9.0	11	11,119	4.8	2.4	9.2
Bumiputera Sarawak	87	122,009	89.3	83.4	93.4	3	4,111	3.0	1.1	8.0	8	10,432	7.6	3.8	14.9
Orang Asli	17	14,582	100.0	0.0	0.0	-	-	0.0	0.0	0.0	0	-	0.0	0.0	0.0
Others	91	69,177	77.1	62.8	87.0	9	11,715	13.1	6.5	24.5	4	8,830	9.8	3.5	24.6
Citizenship															
Malaysian	2,472	1,407,305	89.8	87.7	91.5	128	80,728	5.1	4.0	6.7	123	79,546	5.1	3.9	6.6
Non Malaysian	29	26,838	74.8	55.4	87.6	7	9,059	25.2	12.4	44.6	0	-	0.0	0.0	0.0
Marital status[3]															
Never married	669	446,407	88.5	84.0	91.9	47	35,814	7.1	4.5	11.0	25	22,045	4.4	2.6	7.2
Married	794	414,887	84.1	80.2	87.3	60	36,971	7.5	5.4	10.2	66	41,712	8.5	6.1	11.6
Widow/Widower/Divorcee	84	32,973	79.7	65.8	88.9	8	3,765	9.1	3.8	20.2	10	4,640	11.2	4.8	24.0
Education level[1]															
No formal education	94	59,850	87.3	77.9	93.1	5	3,588	5.2	1.9	13.5	8	5,086	7.4	3.3	16.1
Primary	1,009	551,991	94.6	92.7	96.0	27	15,247	2.6	1.6	4.2	34	16,203	2.8	1.9	4.1
Secondary	784	460,273	84.3	79.9	87.9	65	48,538	8.9	5.9	13.2	56	37,083	6.8	4.8	9.6
Tertiary	234	133,457	80.8	72.2	87.2	30	16,440	10.0	6.2	15.6	14	15,320	9.3	4.1	19.6
Unclassified	201	140,649	95.3	88.0	98.2	4	2,565	1.7	0.5	6.0	8	4,411	3.0	0.8	11.1
Occupation[3]															
Government /Semi-government employee	158	81,185	81.3	73.5	87.2	18	11,812	11.8	7.6	18.0	10	6,857	6.9	3.3	13.7
Private employee	254	149,985	77.9	69.4	84.5	36	26,581	13.8	9.0	20.6	20	16,087	8.4	4.3	15.7
Self-employed	233	147,829	87.0	81.6	90.9	19	11,478	6.8	3.9	11.3	21	10,703	6.3	3.8	10.2
Unpaid worker/homemaker	268	133,473	88.6	81.8	93.1	12	4,383	2.9	1.4	5.8	18	12,751	8.5	4.4	15.5
Retiree	29	7,126	55.2	32.9	75.6	4	2,415	18.7	6.7	42.3	6	3,374	26.1	10.4	51.8
Unemployed	160	96,809	82.1	71.6	89.3	10	7,198	6.1	2.2	15.8	17	13,886	11.8	6.2	21.2
Student[4]	445	277,006	94.1	87.8	97.2	16	12,684	4.3	1.6	11.2	9	4,738	1.6	0.7	3.5

Sociodemographic characteristics	Once					Twice					More than twice				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**2,501**	**1,434,143**	**89.4**	**87.3**	**91.2**	**135**	**89,786**	**5.6**	**4.3**	**7.2**	**123**	**79,546**	**5.0**	**3.8**	**6.4**
Household Income Group (RM)															
Less than RM1,000	459	284,703	92.4	88.3	95.1	18	11,511	3.7	2.0	7.0	19	12,072	3.9	2.1	7.2
RM1,000 – RM1,999	615	377,731	89.2	85.1	92.3	25	21,106	5.0	3.0	8.1	31	24,606	5.8	3.5	9.4
RM2,000 – RM2,999	467	264,197	88.3	84.3	91.4	35	19,767	6.6	4.4	9.7	30	15,326	5.1	3.2	8.1
RM3,000 – RM3,999	309	160,203	91.8	86.2	95.3	14	7,911	4.5	2.4	8.4	12	6,331	3.6	1.8	7.3
RM4,000 – RM4,999	179	102,559	84.8	72.4	92.2	12	11,756	9.7	3.4	24.7	11	6,618	5.5	2.9	10.2
RM5,000 – RM5,999	132	69,990	89.0	80.6	94.0	8	5,068	6.4	3.0	13.2	5	3,595	4.6	1.4	13.9
RM6,000 – RM6,999	73	34,056	93.7	86.4	97.2	5	1,825	5.0	2.0	12.3	2	450	1.2	0.2	7.0
RM7,000 – RM7,999	95	50,032	87.2	75.4	93.8	7	4,535	7.9	3.7	16.2	5	2,809	4.9	1.8	12.3
RM8,000 – RM8,999	66	32,711	86.4	73.1	93.7	2	1,171	3.1	0.8	11.0	4	3,986	10.5	3.8	25.8
RM9,000 – RM9,999	30	15,938	77.6	50.5	92.2	4	1,424	6.9	2.4	18.2	1	3,173	15.5	2.8	53.8
RM10,000 and above	76	42,025	90.7	75.3	96.9	5	3,712	8.0	2.3	24.8	3	581	1.3	0.4	4.3
Household Income Quintiles															
Q1 (20% poorest)	368	232,073	91.8	87.2	94.8	16	9,066	3.6	1.8	6.9	18	11,732	4.6	2.4	8.6
Q2	639	398,604	90.0	86.2	92.8	24	21,564	4.9	3.1	7.6	29	22,878	5.2	3.1	8.4
Q3	586	321,566	89.0	85.4	91.8	39	22,020	6.1	4.1	9.0	34	17,776	4.9	3.2	7.4
Q4	460	243,509	88.0	81.7	92.4	27	20,486	7.4	3.8	13.8	22	12,566	4.5	2.8	7.4
Q5 (20% richest)	448	238,391	88.4	83.4	92.1	29	16,650	6.2	3.9	9.5	20	14,594	5.4	2.8	10.1
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	626	417,016	90.5	87.3	92.9	33	25,033	5.4	3.6	8.1	30	18,932	4.1	2.6	6.5
Q2	755	441,856	87.5	83.1	90.9	46	33,379	6.6	4.4	9.8	38	29,707	5.9	4.0	8.7
Q3	537	300,116	90.5	84.1	94.5	21	17,264	5.2	2.3	11.4	23	14,111	4.3	2.0	8.8
Q4	392	183,702	89.1	84.5	92.5	21	9,760	4.7	2.7	8.1	22	12,743	6.2	3.7	10.2
Q5 (20% richest)	193	92,191	91.6	85.2	95.4	14	4,351	4.3	2.2	8.4	10	4,058	4.0	1.9	8.4

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged > 13 years old and not working.

Table 4.21: Distance to government out-patient healthcare facilities in the last 12 months

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**2,566**	**2,330,108**	**52.8**	**50.4**	**55.2**	**1,451**	**1,323,397**	**30.0**	**27.9**	**32.1**	**822**	**759,142**	**17.2**	**15.4**	**19.2**
State															
Johor	197	240,081	48.5	42.1	55.0	111	151,798	30.7	25.0	37.0	85	102,978	20.8	15.9	26.8
Kedah	123	115,244	40.7	32.0	50.2	99	102,783	36.3	29.7	43.6	71	64,791	22.9	16.5	30.9
Kelantan	323	284,581	68.5	62.7	73.8	123	105,879	25.5	20.8	30.9	27	24,808	6.0	4.0	8.9
Melaka	141	60,135	34.0	27.0	41.9	148	86,348	48.9	42.0	55.8	65	30,215	17.1	11.8	24.0
Negeri Sembilan	128	74,473	41.1	34.0	48.5	139	80,985	44.6	37.8	51.7	52	25,926	14.3	10.0	20.0
Pahang	210	178,606	65.7	58.9	72.0	55	51,860	19.1	14.1	25.4	47	41,203	15.2	10.2	22.0
Pulau Pinang	114	92,652	56.7	40.6	71.5	76	56,227	34.4	22.6	48.5	35	14,518	8.9	3.4	21.3
Perak	82	110,288	38.5	28.7	49.3	91	121,665	42.4	32.8	52.7	66	54,684	19.1	12.1	28.8
Perlis	260	36,219	68.4	61.0	75.0	95	13,790	26.0	20.3	32.7	27	2,950	5.6	3.7	8.4
Selangor	326	415,690	54.8	49.0	60.5	174	209,571	27.6	23.2	32.5	96	133,183	17.6	13.4	22.7
Terengganu	218	139,928	64.5	56.7	71.6	88	54,448	25.1	19.0	32.4	39	22,494	10.4	6.1	17.0
Sabah & Labuan	248	319,116	51.1	44.5	57.7	145	180,622	28.9	23.3	35.3	115	124,345	19.9	14.9	26.2
Sarawak	100	150,773	52.3	41.1	63.3	29	49,691	17.2	10.3	27.5	60	87,727	30.4	19.9	43.5
WP Kuala Lumpur	56	108,002	57.8	43.1	71.2	29	52,650	28.2	17.5	42.0	13	26,301	14.1	8.3	22.8
WP Putrajaya	40	4,319	34.8	24.9	46.2	49	5,079	40.9	28.7	54.4	24	3,021	24.3	14.7	37.5
Location															
Urban	1,390	1,653,510	53.0	50.0	56.0	834	998,908	32.0	29.5	34.6	365	465,974	14.9	12.9	17.2
Rural	1,176	676,598	52.3	48.7	55.9	617	324,489	25.1	22.0	28.4	457	293,169	22.7	19.1	26.6
Sex															
Male	1,186	1,148,368	55.8	52.7	58.8	609	595,044	28.9	26.2	31.8	316	315,089	15.3	13.1	17.9
Female	1,380	1,181,741	50.2	47.2	53.2	842	728,353	30.9	28.3	33.7	506	444,054	18.9	16.7	21.3
Age Group (years)															
0 - 4	93	77,978	55.9	46.8	64.7	40	38,727	27.8	20.1	37.0	23	22,700	16.3	10.5	24.4
5 - 9	692	570,429	65.1	60.3	69.7	248	210,963	24.1	20.4	28.2	89	94,322	10.8	7.7	14.9
10 - 14	718	659,781	60.6	56.3	64.7	340	317,382	29.1	25.5	33.0	129	112,193	10.3	8.3	12.8
15 - 19	366	378,813	51.9	46.9	56.9	224	234,440	32.1	27.7	36.9	102	116,281	15.9	12.7	19.9
20 - 24	97	131,389	45.4	37.3	53.9	76	103,417	35.8	28.1	44.2	42	54,371	18.8	13.2	26.1
25 - 29	104	107,514	40.2	32.8	48.1	75	80,356	30.1	23.2	38.0	73	79,298	29.7	23.1	37.2
30 - 34	81	89,889	38.2	28.3	49.1	95	74,130	31.5	23.7	40.4	63	71,593	30.4	22.3	40.0
35 - 39	73	73,943	45.9	36.4	55.7	57	43,934	27.3	19.4	36.9	51	43,134	26.8	19.0	36.4
40 - 44	64	49,339	39.4	30.6	49.0	57	47,253	37.7	28.8	47.6	42	28,660	22.9	15.6	32.2
45 - 49	78	56,615	34.7	26.7	43.7	78	67,729	41.5	32.4	51.3	53	38,694	23.7	17.4	31.5

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[3]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**2,566**	**2,330,108**	**52.8**	**50.4**	**55.2**	**1,451**	**1,323,397**	**30.0**	**27.9**	**32.1**	**822**	**759,142**	**17.2**	**15.4**	**19.2**
50 - 54	75	54,249	41.2	32.1	50.9	57	38,707	29.4	21.2	39.1	60	38,849	29.5	22.0	38.2
55 - 59	51	33,759	44.6	34.8	54.8	34	23,063	30.5	20.6	42.5	30	18,857	24.9	16.6	35.6
60 - 64	33	21,168	34.7	22.5	49.2	35	23,843	39.1	26.5	53.2	30	16,045	26.3	16.9	38.5
65 - 69	26	16,954	40.0	25.7	56.2	21	13,193	31.1	17.5	49.1	13	12,230	28.9	16.1	46.3
70 - 74	12	7,992	53.5	31.2	74.6	5	967	6.5	2.1	18.3	13	5,968	40.0	20.7	62.9
75+	3	295	2.6	0.6	11.0	9	5,293	45.9	19.5	74.8	9	5,945	51.5	23.1	79.0
Ethnicity															
Malays	1,926	1,558,271	55.4	52.5	58.3	1,003	814,776	29.0	26.6	31.5	522	437,476	15.6	13.6	17.7
Chinese	211	274,924	50.1	42.9	57.3	162	201,783	36.8	30.0	44.1	70	72,358	13.2	9.4	18.1
Indian	130	136,415	47.6	38.4	57.0	104	94,289	32.9	25.8	41.0	61	55,691	19.4	13.6	27.0
Bumiputera Sabah	147	164,034	43.3	35.5	51.5	118	127,134	33.6	26.5	41.4	89	87,402	23.1	16.1	31.9
Bumiputera Sarawak	37	71,935	43.4	30.2	57.6	12	27,971	16.9	8.3	31.4	40	65,877	39.7	24.8	56.9
Orang Asli	8	6,817	47.2	27.9	67.5	2	1,700	11.8	1.1	62.1	7	5,915	41.0	31.0	51.8
Others	107	117,714	56.6	46.1	66.6	50	55,742	26.8	19.2	36.1	33	34,421	16.6	11.2	23.7
Citizenship															
Malaysian	2,549	2,308,973	53.0	50.5	55.4	1,437	1,309,547	30.0	28.0	32.2	806	741,398	17.0	15.2	19.0
Non Malaysian	17	21,135	40.1	23.5	59.3	14	13,850	26.3	14.6	42.5	16	17,744	33.7	20.8	49.4
Marital status[3]															
Never married	718	739,577	50.2	46.4	54.0	487	502,665	34.1	30.8	37.6	219	231,403	15.7	13.2	18.6
Married	534	461,010	40.4	36.5	44.4	461	368,953	32.3	28.9	36.0	369	311,520	27.3	23.7	31.2
Widow/Widower/ Divorcee	47	39,019	37.2	27.4	48.2	45	32,304	30.8	21.7	41.8	50	33,452	31.9	22.8	42.7
Education level[8]															
No formal education	65	51,039	50.2	39.6	60.8	40	31,290	30.8	22.0	41.2	25	19,341	19.0	11.9	29.0
Primary	1,199	1,039,465	58.2	54.8	61.5	582	511,402	28.6	25.8	31.7	265	235,620	13.2	11.1	15.7
Secondary	666	650,561	47.1	43.2	51.1	484	445,060	32.2	28.9	35.8	312	285,582	20.7	17.8	23.9
Tertiary	202	206,569	39.3	33.5	45.4	180	178,062	33.8	28.3	39.9	131	141,444	26.9	21.8	32.6
Unclassified	230	212,408	60.6	53.4	67.3	93	94,383	26.9	20.8	34.0	51	43,754	12.5	8.9	17.3
Occupation[9]															
Government /Semi-government employee	111	81,028	35.8	29.3	42.8	110	73,583	32.5	26.0	39.7	85	72,003	31.8	24.7	39.8
Private employee	194	229,657	40.9	35.4	46.6	174	197,052	35.1	30.0	40.5	127	135,086	24.0	19.3	29.6
Self-employed	151	134,299	46.1	38.7	53.7	99	83,569	28.7	22.5	35.7	93	73,514	25.2	19.5	31.9
Unpaid worker /homemaker	178	148,607	42.7	36.6	49.0	141	110,078	31.6	25.7	38.2	115	89,665	25.7	20.6	31.6
Retiree	30	21,108	42.7	27.6	59.3	23	17,820	36.1	22.3	52.6	16	10,498	21.2	11.6	35.7
Unemployed	132	128,811	51.2	42.9	59.4	76	59,050	0.0	23.5	17.7	67	63,898	0.0	25.4	18.7
Student [4]	503	496,097	50.1	45.7	54.6	369	361,853	0.0	36.6	32.6	135	131,711	0.0	13.3	10.9

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[3]	Estimated population[2]	%	95% CI LL	95% CI UL	Count[3]	Estimated population[2]	%	95% CI LL	95% CI UL	Count[3]	Estimated population[2]	%	95% CI LL	95% CI UL
MALAYSIA	2,566	2,330,108	52.8	50.4	55.2	1,451	1,323,397	30.0	27.9	32.1	822	759,142	17.2	15.4	19.2
Household Income Group (RM)															
Less than RM1,000	405	319,252	54.0	48.5	59.5	192	169,353	28.7	23.9	34.0	123	102,228	17.3	13.5	21.9
RM1,000 – RM1,999	578	505,249	56.2	51.6	60.8	288	252,061	28.0	24.3	32.1	158	141,313	15.7	12.6	19.4
RM2,000 – RM2,999	463	401,459	51.8	47.2	56.4	283	241,825	31.2	26.9	35.8	135	131,926	17.0	13.2	21.7
RM3,000 – RM3,999	317	301,936	51.1	45.1	57.1	194	173,307	29.3	24.4	34.8	118	115,552	19.6	15.1	25.0
RM4,000 – RM4,999	209	202,034	50.7	43.4	58.0	128	123,640	31.0	25.0	37.7	84	73,042	18.3	13.6	24.2
RM5,000 – RM5,999	174	183,501	55.8	48.5	62.8	105	97,472	29.6	23.2	37.0	50	48,001	14.6	10.2	20.4
RM6,000 – RM6,999	93	102,691	49.8	40.1	59.5	68	71,495	34.7	26.3	44.1	37	32,026	15.5	10.1	23.1
RM7,000 – RM7,999	109	85,460	51.1	40.8	61.3	59	60,792	36.3	27.6	46.1	26	20,995	12.6	7.6	20.0
RM8,000 – RM8,999	66	59,606	46.5	36.0	57.4	45	43,502	34.0	24.3	45.1	27	24,981	19.5	11.9	30.3
RM9,000 – RM9,999	31	28,446	53.4	38.7	67.5	16	11,023	20.7	10.9	35.7	15	13,820	25.9	12.8	45.5
RM10,000 and above	121	140,473	51.1	41.8	60.4	73	78,928	28.7	20.9	38.0	49	55,257	20.1	13.7	28.5
Household Income Quintiles															
Q1 (20% poorest)	325	121	53.0	47.0	58.8	162	73	28.7	23.4	34.6	105	89,680	18.3	14.0	23.6
Q2	591	511,293	56.6	51.8	61.3	275	244,218	27.0	23.2	31.2	164	147,487	16.3	13.2	20.0
Q3	589	513,317	51.0	46.9	55.2	375	328,268	32.6	28.8	36.8	170	164,094	16.3	12.9	20.4
Q4	516	493,148	52.1	47.3	56.9	299	274,628	29.0	25.1	33.3	192	178,482	18.9	15.3	23.0
Q5 (20% richest)	545	553,229	51.8	47.4	56.1	340	335,982	31.4	27.6	35.5	191	179,400	16.8	13.9	20.2
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	507	437,010	53.5	48.7	58.2	235	212,060	25.9	22.3	30.0	185	168,368	20.6	16.7	25.1
Q2	670	548,398	56.6	52.3	60.8	326	271,461	28.0	24.4	32.0	187	148,744	15.4	12.5	18.8
Q3	549	501,804	50.5	45.8	55.2	363	331,722	33.4	29.2	37.9	152	159,511	16.1	12.6	20.3
Q4	501	483,953	52.8	47.9	57.5	311	266,354	29.0	25.1	33.3	180	166,937	18.2	14.6	22.5
Q5 (20% richest)	339	358,943	50.1	44.6	55.6	216	241,784	33.8	28.8	39.1	118	115,588	16.1	12.7	20.3

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged < 13 years old and not working

Table 4.22: Distance to private out-patient healthcare facilities in the last 12 months

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**634**	**851,757**	**41.5**	**37.8**	**45.2**	**554**	**685,265**	**33.4**	**30.3**	**36.7**	**514**	**515,804**	**25.1**	**22.3**	**28.2**
State															
Johor	58	83,718	38.8	29.9	48.5	53	73,713	34.2	25.4	44.1	41	58,392	27.1	19.0	36.9
Kedah	17	21,727	23.2	14.4	35.1	25	33,430	35.6	23.4	50.0	33	38,648	41.2	26.6	57.6
Kelantan	58	55,266	61.5	51.4	70.6	27	23,446	26.1	18.5	35.4	12	11,192	12.4	7.2	20.7
Melaka	22	12,019	26.1	14.8	41.7	22	18,207	39.5	21.4	61.0	31	15,853	34.4	20.3	51.9
Negeri Sembilan	22	14,821	22.3	13.8	34.1	40	27,146	40.9	29.0	53.9	52	24,467	36.8	26.7	48.3
Pahang	22	19,733	43.1	27.3	60.5	7	6,895	15.1	6.6	30.7	22	19,130	41.8	25.4	60.2
Pulau Pinang	61	77,360	45.4	33.3	58.0	60	72,823	42.7	32.8	53.2	29	20,317	11.9	6.8	20.1
Perak	23	47,865	46.8	30.5	63.7	23	31,956	31.2	19.3	46.3	24	22,553	22.0	13.7	33.5
Perlis	32	4,855	38.6	26.0	53.0	26	4,136	32.9	22.1	45.9	25	3,573	28.4	16.2	45.0
Selangor	167	276,008	39.6	33.5	46.1	155	254,810	36.6	30.6	43.1	108	165,461	23.8	19.1	29.1
Terengganu	22	13,898	30.3	17.9	46.6	24	15,172	33.1	21.3	47.6	26	16,726	36.5	23.9	51.3
Sabah & Labuan	53	84,497	41.3	27.9	56.0	39	55,995	27.3	18.8	37.9	43	64,275	31.4	19.6	46.3
Sarawak	21	39,813	54.9	33.5	74.6	10	13,964	19.2	10.2	33.4	11	18,767	25.9	12.4	46.2
WP Kuala Lumpur	49	99,544	54.1	38.8	68.6	29	52,030	28.3	18.2	41.1	20	32,493	17.7	10.3	28.6
WP Putrajaya	7	633	10.3	4.3	23.0	14	1,543	25.2	14.5	40.0	37	3,956	64.5	47.5	78.5
Location															
Urban	544	795,280	43.6	39.6	47.7	431	624,161	34.2	30.8	37.9	330	402,969	22.1	19.2	25.4
Rural	90	56,477	24.5	18.4	31.8	123	61,104	26.5	21.0	32.9	184	112,835	49.0	40.7	57.3
Sex															
Male	281	409,624	42.9	37.8	48.2	245	316,844	33.2	28.6	38.1	208	228,183	23.9	20.3	27.9
Female	353	442,132	40.3	35.9	44.8	309	368,421	33.5	29.4	37.9	306	287,621	26.2	22.7	30.0
Age Group (years)															
0 - 4	21	17,037	62.4	40.2	80.4	7	7,317	26.8	11.3	51.3	3	2,954	10.8	2.3	38.2
5 - 9	71	88,710	63.0	50.6	73.9	34	31,245	22.2	14.5	32.3	23	20,902	14.8	8.2	25.4
10 - 14	36	47,636	44.6	31.0	59.0	34	42,371	39.6	27.7	53.0	22	16,861	15.8	8.4	27.8
15 - 19	40	53,083	48.7	36.2	61.3	22	35,049	32.1	21.0	45.7	18	20,973	19.2	11.6	30.2
20 - 24	45	88,166	44.0	34.3	54.1	39	59,864	29.9	21.7	39.6	39	52,377	26.1	19.0	34.8
25 - 29	56	87,700	35.5	26.5	45.6	51	74,184	30.0	22.3	39.1	67	85,175	34.5	26.4	43.6
30 - 34	52	92,927	37.0	27.6	47.6	66	93,195	37.2	28.2	47.1	69	64,702	25.8	19.0	34.0
35 - 39	62	80,815	34.3	25.7	44.0	67	93,447	39.6	30.1	50.0	57	61,596	26.1	18.3	35.7
40 - 44	59	75,439	36.0	27.9	45.0	64	78,818	37.6	29.2	46.8	50	55,229	26.4	19.4	34.8
45 - 49	58	72,712	39.6	30.9	48.9	61	58,474	31.8	24.4	40.3	54	52,596	28.6	21.2	37.4

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**634**	**851,757**	**41.5**	**37.8**	**45.2**	**554**	**685,265**	**33.4**	**30.3**	**36.7**	**514**	**515,804**	**25.1**	**22.3**	**28.2**
50 - 54	51	59,275	40.4	30.7	51.0	42	49,099	33.5	24.7	43.6	48	38,208	26.1	17.6	36.8
55 - 59	41	50,206	50.9	39.8	61.9	29	32,479	32.9	23.1	44.5	28	15,974	16.2	10.2	24.8
60 - 64	17	14,753	37.5	22.7	55.0	20	13,712	34.8	22.0	50.4	17	10,910	27.7	15.8	44.0
65 - 69	12	10,523	34.6	18.2	55.7	8	7,175	23.6	11.7	41.9	14	12,734	41.8	27.6	57.6
70 - 74	8	6,343	48.5	25.1	72.6	4	2,118	16.2	5.8	38.0	5	4,614	35.3	13.6	65.4
75+	5	6,432	48.9	22.1	76.3	6	6,721	51.1	23.7	77.9	0	-	0.0	0.0	0.0
Ethnicity[3]															
Malays	374	421,544	41.4	36.8	46.3	318	326,706	32.1	28.2	36.3	332	268,952	26.4	22.8	30.4
Chinese	149	259,950	40.2	33.0	47.8	149	261,432	40.4	33.7	47.5	80	124,988	19.3	14.5	25.4
Indian	51	70,901	41.8	31.1	53.4	49	49,951	29.5	20.6	40.3	46	48,619	28.7	20.8	38.1
Bumiputera Sabah	14	17,482	32.8	17.5	53.1	10	9,907	18.6	9.8	32.5	22	25,837	48.5	28.8	68.8
Bumiputera Sarawak	5	19,711	63.0	27.8	88.3	3	3,450	11.0	2.1	41.1	8	8,149	26.0	8.6	56.9
Orang Asli	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0	-	0.0	0.0	0.0
Others	41	62,169	46.0	32.4	60.1	25	33,818	25.0	15.1	38.5	26	39,259	29.0	17.0	44.9
Citizenship															
Malaysian	611	815,436	41.5	37.8	45.4	535	656,888	33.5	30.3	36.8	496	490,454	25.0	22.1	28.1
Non Malaysian	23	36,320	40.3	27.2	55.0	19	28,376	31.5	17.9	49.3	18	25,350	28.2	15.0	46.4
Marital status[3]															
Never married	152	255,637	44.6	37.8	51.7	116	184,797	32.3	26.6	38.5	107	132,408	23.1	18.5	28.5
Married	344	438,675	37.0	33.0	41.3	349	408,938	34.5	30.6	38.7	344	336,566	28.4	24.9	32.2
Widow/Widower/ Divorcee	23	25,165	38.1	24.6	53.4	26	26,106	39.5	26.7	53.9	24	14,861	22.5	13.4	35.2
Education level[4]															
No formal education	7	4,518	24.7	11.1	46.2	7	7,692	42.0	20.7	66.8	7	6,118	33.4	14.9	58.8
Primary	113	139,167	42.6	34.9	50.5	97	110,931	33.9	27.3	41.2	91	76,923	23.5	17.9	30.3
Secondary	224	284,674	37.8	33.0	42.9	229	283,347	37.7	32.9	42.7	190	184,350	24.5	20.6	28.8
Tertiary	225	346,642	41.2	35.7	47.1	197	262,242	31.2	26.5	36.3	212	231,735	27.6	23.2	32.4
Unclassified	15	17,385	52.1	29.8	73.7	7	5,368	16.1	6.2	35.7	5	10,585	31.8	12.7	59.7
Occupation[3]															
Government /Semi-government employee	74	83,940	31.1	23.9	39.4	85	97,098	36.0	28.4	44.4	108	88,487	32.8	26.2	40.2
Private employee	190	312,522	41.1	35.4	47.1	178	252,931	33.3	28.0	39.0	158	195,157	25.7	21.4	30.4
Self-employed	74	93,831	35.1	28.0	43.0	84	98,382	36.8	29.5	44.8	77	74,905	28.0	21.6	35.5
Unpaid worker /homemaker	61	68,152	37.1	29.3	45.7	64	68,748	37.4	29.4	46.2	57	46,804	25.5	19.0	33.2
Retiree	25	21,963	47.5	32.6	62.7	16	12,428	26.8	14.2	44.9	19	11,895	25.7	14.2	41.9
Unemployed	30	37,869	39.8	28.9	51.8	23	24,813	26.1	16.7	38.3	29	32,483	34.1	23.0	47.3
Student [4]	65	101,200	50.4	38.9	61.9	41	65,439	32.6	22.9	44.1	27	34,104	17.0	10.8	25.7

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI LL	95% CI UL	Count[1]	Estimated population[2]	%	95% CI LL	95% CI UL	Count[1]	Estimated population[2]	%	95% CI LL	95% CI UL
MALAYSIA	**634**	**851,757**	**41.5**	**37.8**	**45.2**	**554**	**685,265**	**33.4**	**30.3**	**36.7**	**514**	**515,804**	**25.1**	**22.3**	**28.2**
Household Income Group(RM)															
Less than RM1,000	47	57,952	43.7	32.8	55.1	36	37,647	28.4	19.9	38.7	34	37,125	28.0	17.9	41.0
RM1,000 – RM1,999	60	74,627	47.3	37.3	57.4	49	45,123	28.6	21.0	37.7	47	38,129	24.2	16.9	33.3
RM2,000 – RM2,999	60	73,741	39.0	30.0	48.8	59	64,306	34.0	25.7	43.3	56	51,193	27.1	19.4	36.4
RM3,000 – RM3,999	66	89,331	39.7	29.7	50.7	66	75,647	33.6	25.5	42.8	60	60,027	26.7	19.2	35.8
RM4,000 – RM4,999	70	100,065	45.3	34.9	56.1	50	66,595	30.1	21.6	40.4	49	54,247	24.6	16.9	34.3
RM5,000 – RM5,999	69	78,182	37.3	27.4	48.4	59	80,796	38.6	29.1	49.0	52	50,580	24.1	17.2	32.7
RM6,000 – RM6,999	44	58,896	45.4	33.8	57.5	38	45,679	35.2	25.4	46.5	28	25,134	19.4	11.7	30.4
RM7,000 – RM7,999	31	48,938	39.3	28.0	51.8	45	53,837	43.2	31.2	56.1	26	21,734	17.5	10.5	27.5
RM8,000 – RM8,999	46	54,064	44.5	33.6	55.9	31	40,098	33.0	21.8	46.6	25	27,375	22.5	14.2	33.7
RM9,000 – RM9,999	22	39,498	47.2	28.0	67.3	19	20,542	24.5	13.2	41.1	23	23,694	28.3	15.7	45.5
RM10,000 and above	119	176,464	38.5	30.8	46.9	102	154,997	33.8	27.1	41.3	114	126,566	27.6	21.6	34.6
Household Income Quintiles															
Q1 (20% poorest)	43	119	42.0	31.2	53.6	35	37,585	29.8	21.1	40.4	30	35,476	28.2	17.7	41.7
Q2	57	73,182	47.4	37.6	57.4	49	44,684	28.9	21.3	38.0	47	36,520	23.7	16.5	32.7
Q3	81	97,555	37.7	30.0	45.9	80	89,242	34.4	27.1	42.6	74	72,270	27.9	21.0	36.1
Q4	145	202,407	42.7	35.2	50.6	122	159,540	33.7	27.0	41.0	111	111,745	23.6	18.5	29.6
Q5 (20% richest)	308	425,743	40.9	35.8	46.4	268	354,213	34.1	29.7	38.8	252	259,793	25.0	21.2	29.2
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	48	54,175	39.2	28.5	51.0	51	45,996	33.3	24.0	44.1	41	38,062	27.5	19.1	37.9
Q2	84	106,815	43.2	33.8	53.1	70	73,001	29.5	22.3	37.9	83	67,414	27.3	20.3	35.6
Q3	108	144,365	42.6	34.8	50.9	90	103,039	30.4	23.9	37.9	90	91,157	26.9	21.1	33.7
Q4	144	198,318	41.4	34.8	48.2	128	168,019	35.0	28.8	41.8	111	113,197	23.6	18.3	29.8
Q5 (20% richest)	250	348,112	41.0	34.9	47.3	215	295,232	34.8	29.8	40.0	189	205,973	24.3	19.9	29.2

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. Student include those who aged > 13 years old and not working

Table 4.23: Distance to urban out-patient healthcare facilities in the last 12 months

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,836**	**2,308,097**	**47.9**	**45.2**	**50.6**	**1,261**	**1,603,370**	**33.3**	**31.1**	**35.6**	**711**	**905,001**	**18.8**	**16.8**	**20.9**
State															
Johor	160	238,795	43.3	36.1	50.9	130	191,111	34.7	28.6	41.3	81	120,962	22.0	16.9	28.1
Kedah	62	80,365	33.4	24.3	44.0	68	94,388	39.2	32.2	46.7	52	65,845	27.4	17.4	40.2
Kelantan	165	143,751	65.1	57.7	71.8	68	61,222	27.7	21.6	34.8	17	15,910	7.2	3.9	12.9
Melaka	71	65,936	31.7	24.4	39.9	104	99,928	48.0	39.5	56.6	49	42,348	20.3	14.3	28.0
Negeri Sembilan	88	70,500	37.5	30.1	45.5	96	82,746	44.0	36.6	51.7	51	34,860	18.5	13.9	24.2
Pahang	105	107,518	63.8	54.9	71.7	38	39,549	23.5	18.0	29.9	21	21,576	12.8	6.9	22.5
Pulau Pinang	88	150,874	49.5	36.9	62.2	71	119,735	39.3	28.8	50.9	17	33,950	11.1	5.7	20.7
Perak	71	135,654	43.4	35.1	52.2	70	131,262	42.0	34.5	49.9	37	45,331	14.5	8.3	24.1
Perlis	153	25,390	60.7	51.0	69.6	70	12,472	29.8	22.9	37.8	24	3,951	9.4	5.9	14.8
Selangor	381	607,734	45.8	40.8	50.8	250	425,355	32.0	27.9	36.4	175	294,976	22.2	18.3	26.7
Terengganu	122	98,450	60.3	49.4	70.3	54	43,505	26.7	18.6	36.6	27	21,265	13.0	7.0	23.0
Sabah & Labuan	167	260,179	52.1	43.6	60.4	88	137,520	27.5	21.5	34.5	54	101,811	20.4	13.7	29.2
Sarawak	57	112,715	55.9	40.8	70.0	33	53,580	26.6	15.9	41.0	12	35,175	17.5	7.9	34.2
WP Kuala Lumpur	103	205,714	55.5	43.9	66.6	58	104,375	28.2	19.6	38.8	34	60,241	16.3	11.0	23.3
WP Putrajaya	43	4,523	25.2	17.6	34.6	63	6,622	36.9	26.9	48.1	60	6,799	37.9	27.9	49.1
Sex															
Male	851	1,149,386	51.2	47.8	54.5	525	724,048	32.2	29.3	35.3	275	372,816	16.6	14.2	19.3
Female	985	1,158,711	45.1	41.9	48.3	736	879,323	34.2	31.4	37.1	436	532,185	20.7	18.3	23.3
Age Group (years)															
0 - 4	54	62,049	53.9	43.3	64.1	35	39,070	33.9	24.4	45.0	2	2,642	2.2	0.4	10.4
5 - 9	378	447,092	62.2	56.2	67.8	173	191,192	26.6	22.2	31.5	14	23,116	3.1	1.7	5.5
10 - 14	406	489,217	56.6	51.5	61.5	238	278,582	32.2	28.0	36.8	28	42,570	4.7	2.9	7.6
15 - 19	234	298,988	50.8	45.0	56.7	129	184,430	31.4	26.2	37.0	24	37,658	6.0	3.7	9.5
20 - 24	70	143,765	42.6	35.2	50.3	71	129,972	38.5	31.9	45.6	18	32,314	9.0	5.6	14.2
25 - 29	100	141,142	35.4	28.2	43.3	91	131,626	33.0	26.4	40.4	23	30,259	7.3	4.7	11.2
30 - 34	94	155,906	41.3	33.2	49.8	105	132,891	35.2	28.2	42.9	16	22,518	5.7	3.2	10.0
35 - 39	96	126,335	37.8	30.3	46.1	79	117,004	35.0	27.5	43.5	17	21,844	6.2	3.7	10.3
40 - 44	86	105,223	38.3	31.3	45.7	83	106,562	38.8	31.3	46.8	8	10,250	3.5	1.6	7.6
45 - 49	91	101,581	37.2	30.4	44.5	92	109,037	39.9	32.6	47.7	19	22,922	8.0	5.0	12.5

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,836**	**2,308,097**	**47.9**	**45.2**	**50.6**	**1,261**	**1,603,370**	**33.3**	**31.1**	**35.6**	**711**	**905,001**	**18.8**	**16.8**	**20.9**
50 - 54	91	99,405	43.6	35.8	51.7	65	77,872	34.1	27.0	42.1	13	13,432	5.6	3.1	9.8
55 - 59	63	65,757	48.6	39.0	58.3	40	48,035	35.5	26.6	45.5	8	8,530	5.9	2.8	11.9
60 - 64	33	30,656	40.2	28.0	53.6	33	31,099	40.7	29.1	53.5	5	3,681	4.7	1.6	12.9
65 - 69	24	23,858	41.5	27.6	56.9	14	14,899	25.9	14.7	41.6	4	2,313	3.9	1.0	14.3
70 - 74	11	10,958	61.4	38.1	80.4	4	2,073	11.6	3.9	29.8	2	2,150	11.2	2.2	41.7
75+	5	6,165	34.7	16.3	59.1	9	9,028	50.8	29.6	71.8	2	1,229	6.9	1.1	32.3
Ethnicity[4]															
Malays	1,217	1,330,896	49.0	45.7	52.2	777	871,127	32.0	29.5	34.8	111	139,457	4.9	3.8	6.4
Chinese	296	510,548	45.2	39.6	50.9	257	442,045	39.1	33.9	44.6	41	64,956	5.3	3.8	7.4
Indian	145	190,792	45.3	37.4	53.5	115	131,568	31.3	25.0	38.2	19	22,942	5.2	3.0	9.0
Bumiputera Sabah	62	85,857	41.4	29.8	54.1	54	70,242	33.9	25.2	43.8	16	22,306	10.2	6.5	15.6
Bumiputera Sarawak	17	51,710	54.4	29.7	77.0	11	23,551	24.8	9.3	51.3	3	7,032	5.9	2.4	13.9
Orang Asli	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0	0	0.0	0.0	0.0
Others	99	138,293	56.6	44.5	67.9	47	64,837	26.5	18.7	36.2	13	20,736	8.4	4.5	15.0
Citizenship															
Malaysian	1,807	2,260,450	47.9	45.3	50.6	1,240	1,572,642	33.4	31.2	35.6	198	268,918	5.4	4.5	6.5
Non Malaysian	29	47,647	46.9	33.7	60.5	21	30,728	30.2	19.2	44.1	5	8,511	8.0	2.9	20.1
Marital status[3]															
Never married	521	722,529	47.7	43.8	51.6	355	513,806	33.9	30.5	37.5	61	102,160	6.4	4.8	8.5
Married	587	717,187	39.6	36.2	43.1	520	646,062	35.7	32.4	39.1	97	112,419	5.9	4.7	7.4
Widow/Widower/ Divorcee	42	47,356	37.6	28.0	48.3	43	46,762	37.2	27.7	47.7	8	7,981	6.3	2.8	13.6
Education level[5]															
No formal education	26	30,077	49.8	34.6	65.1	19	21,601	35.8	23.2	50.7	2	3,385	5.0	1.2	17.9
Primary	711	825,886	53.9	49.9	57.9	419	490,892	32.1	28.8	35.5	61	82,215	5.1	3.7	7.1
Secondary	541	688,968	43.9	40.0	47.8	413	560,598	35.7	32.4	39.1	64	91,337	5.5	4.2	7.1
Tertiary	316	454,136	39.3	34.7	44.0	294	397,098	34.3	30.3	38.6	66	86,632	7.2	5.4	9.5
Unclassified	119	144,021	59.5	50.6	67.8	55	66,864	27.6	20.1	36.7	8	12,155	4.8	1.5	14.2
Occupation[3]															
Government /Semi-government employee	129	124,204	32.3	26.7	38.4	138	144,593	37.5	31.4	44.2	28	25,571	6.3	3.9	10.1
Private employee	277	449,774	41.3	36.5	46.3	246	381,859	35.1	30.7	39.7	43	66,349	5.8	4.2	7.9
Self-employed	124	155,990	40.6	33.7	47.8	109	145,691	37.9	31.1	45.2	24	34,077	8.4	5.3	13.0
Unpaid worker/homemaker	147	165,791	42.7	36.3	49.2	116	142,874	36.8	30.6	43.3	20	24,139	5.8	3.7	9.2
Retiree	38	36,260	45.3	32.9	58.3	27	26,901	33.6	22.1	47.4	9	7,438	8.9	4.0	18.9
Unemployed	90	111,474	47.5	38.5	56.6	48	57,921	24.7	18.1	32.7	45	65,521	27.9	20.5	36.7
Student [6]	345	443,580	49.8	44.8	54.8	234	306,791	34.4	29.9	39.2	101	140,295	15.8	12.6	19.6

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,836**	**2,308,097**	**47.9**	**45.2**	**50.6**	**1,261**	**1,603,370**	**33.3**	**31.1**	**35.6**	**711**	**905,001**	**18.8**	**16.8**	**20.9**
Household Income Group (RM)															
Less than RM1,000	203	229,713	52.0	45.2	58.8	119	144,287	32.7	26.7	39.3	20	23,550	5.0	2.8	8.9
RM1,000 – RM1,999	281	344,924	55.1	49.2	61.0	156	192,093	30.7	25.9	36.0	20	22,086	3.4	1.9	5.9
RM2,000 – RM2,999	279	334,494	49.4	44.1	54.7	185	231,870	34.3	29.2	39.7	30	42,043	5.8	3.9	8.5
RM3,000 – RM3,999	227	288,009	45.8	39.6	52.2	163	207,376	33.0	27.9	38.5	21	31,998	4.9	3.2	7.4
RM4,000 – RM4,999	181	229,514	47.5	40.5	54.6	124	156,349	32.4	26.5	38.9	20	24,939	4.8	3.0	7.8
RM5,000 – RM5,999	180	224,819	49.4	42.4	56.4	121	155,263	34.1	27.8	41.0	15	21,005	4.4	2.3	8.2
RM6,000 – RM6,999	101	144,963	49.0	40.2	57.8	85	107,653	36.4	28.9	44.6	15	18,978	6.1	3.6	10.2
RM7,000 – RM7,999	84	107,691	45.3	35.8	55.1	75	99,106	41.7	32.5	51.5	9	11,770	4.8	2.0	10.7
RM8,000 – RM8,999	76	85,231	42.0	33.0	51.6	55	72,008	35.5	25.6	46.8	9	14,186	6.6	3.4	12.5
RM9,000 – RM9,999	36	56,323	49.6	34.6	64.7	26	26,995	23.8	14.7	36.0	3	2,878	2.4	0.8	7.4
RM10,000 and above	188	262,416	40.0	33.0	47.4	152	210,370	32.1	26.3	38.4	41	63,995	9.4	6.4	13.5
Household Income Quintile															
Q1 (20% poorest)	176	202,657	52.0	44.7	59.2	105	127,322	32.7	26.3	39.8	19	22,842	5.5	3.0	9.9
Q2	268	330,035	54.5	48.3	60.6	152	184,481	30.5	25.4	36.1	19	20,615	3.3	1.9	5.5
Q3	366	435,492	47.8	43.2	52.5	252	321,093	35.3	30.9	39.9	35	48,104	5.0	3.5	7.1
Q4	415	525,890	47.1	42.3	52.1	286	368,415	33.0	29.0	37.3	44	62,415	5.3	3.8	7.3
Q5 (20% richest)	611	814,023	45.3	41.3	49.5	466	602,059	33.5	30.1	37.1	86	123,453	6.6	5.1	8.5
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	215	269,058	52.0	45.7	58.8	120.0	156,934	31.0	25.0	36.0	69	88,527	17.2	2.4	3.3
Q2	332	397,080	55.0	49.2	60.8	186.0	231,261	32.0	27.0	37.0	82	92,725	12.9	3.9	6.6
Q3	370	455,424	46.0	41.1	51.6	278.0	340,711	35.0	30.0	40.0	126	186,807	19.0	5.0	3.8
Q4	446	566,906	48.0	43.7	53.0	302.0	368,292	31.0	27.0	36.0	191	237,326	20.2	6.7	4.3
Q5 (20% richest)	473	619,663	44.0	38.9	48.2	375.0	506,186	36.0	32.0	40.0	243	299,622	21.0	7.7	4.8

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figures
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable",
4. Student include those who aged < 13 years old and not working

Table 4.24: Distance to rural out-patient healthcare facilities in the last 12 months

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,232**	**704,483**	**47.0**	**43.2**	**50.9**	**736**	**383,435**	**25.6**	**22.5**	**29.0**	**647**	**410,338**	**27.4**	**23.6**	**31.5**
State															
Johor	79	64,730	47.1	35.3	59.4	32	30,789	22.4	13.1	35.7	46	41,782	30.4	18.0	46.6
Kedah	70	43,677	34.6	24.0	47.1	56	43,593	34.6	25.4	45.1	53	38,839	30.8	21.6	41.9
Kelantan	203	183,773	66.7	59.2	73.4	84	69,416	25.2	20.1	31.1	24	22,254	8.1	5.3	12.0
Melaka	92	6,218	43.0	34.6	51.8	65	4,527	31.3	25.0	38.4	47	3,720	25.7	18.1	35.2
Negeri Sembilan	57	16,222	28.4	20.8	37.5	83	25,384	44.4	32.5	57.1	53	15,532	27.2	16.4	41.5
Pahang	122	87,353	60.5	49.1	70.9	23	17,777	12.3	6.7	21.4	49	39,248	27.2	19.6	36.4
Pulau Pinang	81	8,490	40.8	31.0	51.4	66	7,645	36.7	27.7	46.8	48	4,671	22.5	15.0	32.2
Perak	32	18,056	25.0	14.4	39.6	44	22,359	30.9	20.5	43.7	53	31,906	44.1	31.9	57.1
Perlis	132	13,861	62.5	53.4	70.8	48	5,407	24.4	18.0	32.2	31	2,906	13.1	8.3	20.0
Selangor	74	31,126	38.6	28.1	50.3	76	34,116	42.3	32.5	52.7	37	15,436	19.1	13.8	25.9
Terengganu	114	52,093	53.8	43.7	63.6	59	26,815	27.7	21.2	35.2	38	17,955	18.5	10.7	30.2
Sabah & Labuan	117	108,562	36.5	29.5	44.1	94	86,915	29.2	20.6	39.6	108	102,079	34.3	23.8	46.6
Sarawak	59	70,321	46.0	32.4	60.1	6	8,693	5.7	2.6	12.1	60	74,010	48.4	33.8	63.2
WP Kuala Lumpur	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0	-	0.0	0.0	0.0
WP Putrajaya	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0	-	0.0	0.0	0.0
Sex															
Male	565	342,494	48.3	43.9	52.8	325	181,875	25.7	22.0	29.7	258	184,059	26.0	21.6	30.8
Female	667	361,989	45.8	41.5	50.2	411	201,560	25.5	21.9	29.5	389	226,279	28.6	24.5	33.2
Age Group (years)															
0 - 4	60	32,966	63.9	51.1	75.0	12	6,973	13.5	7.3	23.8	14	11,622	22.5	13.7	34.7
5 - 9	366	197,722	69.2	63.2	74.6	111	52,950	18.5	14.3	23.6	56	35,074	12.3	8.8	16.9
10 - 14	334	195,641	62.6	55.9	68.9	136	74,577	23.9	18.7	29.9	69	42,108	13.5	9.6	18.7
15 - 19	151	107,594	46.8	39.7	54.1	117	82,985	36.1	29.2	43.6	55	39,291	17.1	12.1	23.5
20 - 24	52	47,052	37.2	27.9	47.5	42	30,904	24.4	16.4	34.8	45	48,600	38.4	28.7	49.1
25 - 29	44	28,065	30.2	20.2	42.5	33	17,997	19.4	12.4	28.9	59	46,863	50.4	37.9	63.0
30 - 34	35	18,248	18.8	12.3	27.5	52	27,860	28.6	20.0	39.1	69	51,197	52.6	41.3	63.7
35 - 39	30	15,221	29.0	19.2	41.4	44	20,123	38.4	26.7	51.6	40	17,074	32.6	22.0	45.3
40 - 44	31	14,630	28.0	19.2	38.9	37	16,831	32.2	22.6	43.7	44	20,771	39.8	28.8	51.9
45 - 49	38	17,045	26.5	17.1	38.7	46	17,230	26.8	18.4	37.3	54	29,985	46.7	34.7	59.1

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,232**	**704,483**	**47.0**	**43.2**	**50.9**	**736**	**383,435**	**25.6**	**22.5**	**29.0**	**647**	**410,338**	**27.4**	**23.6**	**31.5**
50 - 54	30	10,295	21.6	13.2	33.2	34	10,584	22.2	13.0	35.4	53	26,760	56.2	41.0	70.3
55 - 59	22	9,498	30.5	20.4	43.0	24	8,390	27.0	16.8	40.3	33	13,226	42.5	30.9	55.0
60 - 64	15	3,906	17.2	9.1	30.1	22	6,455	28.4	15.7	45.8	29	12,391	54.5	38.5	69.5
65 - 69	14	3,618	24.2	12.7	41.1	14	5,098	34.1	19.2	52.9	11	6,247	41.7	24.1	61.8
70 - 74	7	2,417	25.0	11.7	45.6	6	1,492	15.4	5.5	36.3	12	5,757	59.6	38.0	78.0
75+	3	562	8.1	1.3	37.6	6	2,986	43.2	11.9	81.1	4	3,370	48.7	13.1	85.7
Ethnicity[7]															
Malays	985	531,193	52.9	48.5	57.2	538	255,232	25.4	22.3	28.8	424	218,404	21.7	18.4	25.5
Chinese	55	12,692	22.5	11.6	39.3	54	22,244	39.5	22.8	59.0	41	21,399	38.0	21.8	57.4
Indian	30	7,504	30.2	17.1	47.5	37	11,586	46.6	30.1	63.8	25	5,790	23.3	13.7	36.6
Bumiputera Sabah	87	80,223	37.5	29.3	46.5	77	70,212	32.8	22.9	44.5	78	63,658	29.7	19.5	42.5
Bumiputera Sarawak	24	37,246	37.9	22.7	55.9	3	5,180	5.3	1.4	17.6	43	55,864	56.8	37.3	74.5
Orang Asli	8	6,817	48.9	30.6	67.5	2	1,700	12.2	1.1	64.4	6	5,415	38.9	28.8	49.9
Others	43	28,809	33.5	22.6	46.5	25	17,280	20.1	9.4	37.9	30	39,807	46.3	29.1	64.5
Citizenship															
Malaysian	1,225	701,208	47.9	44.1	51.7	726	376,761	25.7	22.6	29.1	629	385,640	26.3	22.7	30.3
Non Malaysian	7	3,275	9.5	3.2	24.7	10	6,674	19.3	4.4	55.2	18	24,698	71.3	39.3	90.5
Marital status[3]															
Never married	302	202,665	43.3	38.0	48.7	243	155,998	33.3	28.3	38.8	150	109,232	23.3	18.5	29.1
Married	242	119,624	26.3	21.1	32.2	281	123,413	27.1	22.3	32.6	346	211,824	46.6	40.1	53.1
Widow/Widower/ Divorcee	23	8,874	22.9	13.2	36.8	29	10,792	27.9	17.2	41.8	42	19,072	49.2	34.8	63.8
Education level[8]															
No formal education	44	25,664	42.6	30.7	55.3	29	17,861	29.6	19.4	42.5	24	16,751	27.8	17.5	41.1
Primary	567	312,932	57.0	52.3	61.5	261	124,856	22.7	18.8	27.1	187	111,523	20.3	16.3	25.0
Secondary	301	180,988	36.1	31.0	41.5	292	150,786	30.1	25.3	35.3	264	169,919	33.9	28.1	40.1
Tertiary	69	39,626	25.0	18.7	32.7	82	45,180	28.6	21.8	36.4	116	73,433	46.4	38.1	55.0
Unclassified	124	83,632	59.9	49.2	69.8	45	32,887	23.6	15.6	33.9	32	23,054	16.5	10.6	24.9
Occupation[3]															
Government /Semi-government employee	42	26,419	27.6	17.9	39.9	54	21,918	22.9	16.8	30.3	82	47,475	49.6	39.1	60.1
Private employee	77	40,619	22.3	16.5	29.4	99	55,950	30.7	22.8	39.9	120	85,832	47.1	37.3	57.0
Self-employed	87	54,489	33.7	25.8	42.6	75	37,479	23.2	17.0	30.7	99	69,920	43.2	34.6	52.3
Unpaid worker/homemaker	83	40,622	30.3	22.6	38.9	88	34,165	25.5	19.2	33.0	103	59,348	44.2	35.8	53.0
Retiree	14	4,422	34.2	18.3	54.7	11	2,975	23.0	9.2	47.1	14	5,518	42.7	21.9	66.4
Unemployed	64	42,077	41.2	31.2	52.0	52	27,837	27.2	19.0	37.3	52	32,307	31.6	21.6	43.7
Student[4]	200	122,515	45.2	39.2	51.3	173	108,963	40.2	34.1	46.6	68	39,728	14.6	10.6	19.8

Sociodemographic characteristics	Less than 5 km					Between 5-10 km					More than 10 km				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,232**	**704,483**	**47.0**	**43.2**	**50.9**	**736**	**383,435**	**25.6**	**22.5**	**29.0**	**647**	**410,338**	**27.4**	**23.6**	**31.5**
Household Income Group (RM)															
Less than RM1,000	242	138,810	50.4	42.9	57.8	110	61,056	22.2	17.3	27.9	102	75,679	27.5	20.5	35.8
RM1,000 – RM1,999	334	206,592	50.8	44.9	56.7	178	101,635	25.0	20.6	30.0	134	98,163	24.2	18.9	30.3
RM2,000 – RM2,999	232	130,100	46.9	40.6	53.3	157	74,548	26.9	21.4	33.1	117	72,763	26.2	20.2	33.3
RM3,000 – RM3,999	139	74,828	46.1	37.6	54.8	96	40,415	24.9	18.6	32.4	86	47,151	29.0	22.2	37.0
RM4,000 – RM4,999	82	50,507	43.7	33.1	54.9	54	32,896	28.4	18.3	41.3	54	32,267	27.9	19.2	38.7
RM5,000 – RM5,999	54	26,838	35.7	24.5	48.7	45	25,020	33.3	23.1	45.4	41	23,279	31.0	19.2	45.8
RM6,000 – RM6,999	30	12,227	35.0	23.1	49.2	21	8,833	25.3	14.6	40.2	25	13,828	39.6	24.0	57.7
RM7,000 – RM7,999	53	23,201	46.1	34.1	58.5	27	13,954	27.7	17.2	41.5	21	13,192	26.2	16.0	39.8
RM8,000 – RM8,999	28	16,852	45.8	26.9	65.9	19	9,020	24.5	11.4	44.9	22	10,953	29.7	15.5	49.5
RM9,000 – RM9,999	11	6,458	31.5	17.1	50.4	11	6,711	32.7	15.9	55.6	13	7,365	35.9	14.4	65.0
RM10,000 and above	27	18,068	41.9	28.6	56.5	18	9,346	21.7	14.2	31.6	32	15,697	36.4	22.9	52.4
Household Income Quintile															
Q1 (20% poorest)	186	104,438	46.9	38.9	55.1	94	52,692	23.7	17.9	30.6	84	65,550	29.4	21.5	38.9
Q2	357	223,346	52.6	46.4	58.7	168	97,179	22.9	18.8	27.6	142	103,973	24.5	19.4	30.5
Q3	288	159,003	47.0	41.1	53.0	203	96,726	28.6	23.2	34.7	137	82,651	24.4	19.0	30.9
Q4	212	119,168	46.0	38.7	53.4	135	64,830	25.0	18.7	32.5	137	75,300	29.0	23.2	35.7
Q5 (20% richest)	189	98,527	38.9	32.5	45.7	136	72,008	28.4	23.0	34.6	147	82,865	32.7	25.5	40.9
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	328	205,227	48.0	42.2	53.7	166	102,417	23.9	19.5	28.9	159	120,338	28.1	22.8	34.1
Q2	398	234,460	49.9	44.5	55.3	207	107,259	22.8	18.9	27.3	190	127,929	27.2	21.8	33.5
Q3	255	147,924	47.4	40.6	54.3	174	88,203	28.3	22.4	35.0	123	75,897	24.3	19.1	30.4
Q4	173	80,684	41.9	33.7	50.5	138	63,959	33.2	25.4	42.0	103	48,122	25.0	18.0	33.5
Q5 (20% richest)	78	36,177	37.8	28.7	47.8	51	21,587	22.5	14.7	32.9	72	38,053	39.7	28.5	52.1

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figures
3. Not including "Missing", "Don't Know", "Refuse to Answer" & "Not Applicable"
4. Student include those who aged > 17 years old and not working

Table 4.25: Travelling time to government out-patient healthcare facilities in the last 12 months

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	4,037	3,654,082	86.3	84.5	87.8	494	507,359	12.0	10.5	13.6	82	74,159	1.8	1.2	2.6
State															
Johor	318	407,154	87.8	82.5	91.7	44	53,407	11.5	7.7	16.9	3	3,137	0.7	0.2	2.1
Kedah	257	252,555	87.6	81.1	92.2	36	33,801	11.7	7.3	18.2	3	1,825	0.6	0.2	2.4
Kelantan	406	354,838	91.2	87.8	93.7	34	30,706	7.9	5.4	11.3	5	3,668	0.9	0.4	2.2
Melaka	287	142,770	92.1	87.7	95.0	20	11,359	7.3	4.5	11.7	1	900	0.6	0.1	4.2
Negeri Sembilan	293	169,415	91.5	86.5	94.8	25	12,687	6.9	4.4	10.5	4	3,035	1.6	0.4	5.8
Pahang	266	231,998	88.6	83.0	92.6	30	24,897	9.5	5.7	15.5	6	4,806	1.8	0.7	4.7
Pulau Pinang	190	139,872	88.1	76.6	94.3	29	18,404	11.6	5.4	23.2	5	514	0.3	0.1	1.2
Perak	196	247,301	91.1	85.6	94.7	27	24,082	8.9	5.3	14.4	0	-	0.0	0.0	0.0
Perlis	366	51,189	97.3	95.0	98.5	11	1,339	2.5	1.3	4.8	2	107	0.2	0.0	0.9
Selangor	455	582,586	87.6	83.6	90.7	50	77,823	11.7	8.6	15.7	5	4,868	0.7	0.3	2.0
Terengganu	306	193,010	94.7	91.1	96.9	20	10,707	5.3	3.1	8.9	0	-	0.0	0.0	0.0
Sabah & Labuan	370	482,772	80.2	74.2	85.0	94	99,373	16.5	12.2	22.0	20	20,137	3.3	2.0	5.5
Sarawak	161	253,642	67.8	56.7	77.3	54	89,151	23.8	16.1	33.8	27	31,059	8.3	3.4	18.8
WP Kuala Lumpur	71	134,480	87.9	76.5	94.1	11	18,583	12.1	5.9	23.5	0	-	0.0	0.0	0.0
WP Putrajaya	95	10,499	90.2	82.4	94.7	9	1,040	8.9	4.7	16.2	1	103	0.9	0.1	5.7
Location															
Urban	2,217	2,642,066	89.0	87.1	90.7	231	309,679	10.4	8.8	12.4	16	15,639	0.5	0.3	0.9
Rural	1,820	1,012,017	79.8	76.2	83.0	263	197,680	15.6	13.0	18.6	66	58,520	4.6	2.8	7.5
Sex															
Male	1,762	1,701,772	87.3	85.0	89.3	206	222,306	11.4	9.5	13.6	27	25,060	1.3	0.8	2.2
Female	2,275	1,952,310	85.4	83.3	87.3	288	285,054	12.5	10.7	14.5	55	49,099	2.1	1.4	3.2
Age Group (years)															
0 - 4	129	114,800	84.1	75.8	90.0	16	16,025	11.7	6.8	19.6	5	5,601	4.1	1.7	9.6
5 - 9	911	773,982	92.7	90.0	94.7	54	54,910	6.6	4.6	9.3	8	6,128	0.7	0.3	1.5
10 - 14	1,038	964,075	92.6	89.9	94.7	68	71,110	6.8	4.9	9.5	10	5,796	0.6	0.2	1.3
15 - 19	600	617,456	86.8	82.8	90.0	64	83,223	11.7	8.7	15.6	8	10,679	1.5	0.7	3.1
20 - 24	172	224,088	82.7	74.0	89.0	28	37,360	13.8	9.3	20.1	5	9,434	3.5	0.9	12.2
25 - 29	196	212,091	81.6	75.5	86.4	43	40,445	15.6	11.1	21.4	6	7,393	2.8	1.2	6.8
30 - 34	182	170,687	75.3	66.9	82.2	38	50,932	22.5	15.8	31.0	6	4,933	2.2	0.8	5.8
35 - 39	141	128,849	79.2	70.9	85.7	32	29,080	17.9	11.8	26.1	6	4,658	2.9	1.2	6.8
40 - 44	125	93,271	81.4	72.8	87.8	23	18,911	16.5	10.4	25.1	3	2,347	2.0	0.7	6.3
45 - 49	159	115,487	77.2	68.9	83.9	32	31,072	20.8	14.4	29.1	5	2,969	2.0	0.7	5.8

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[2]	Estimated population[2]	%	95% CI		Count[2]	Estimated population[2]	%	95% CI		Count[2]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**4,037**	**3,654,082**	**86.3**	**84.5**	**87.8**	**494**	**507,359**	**12.0**	**10.5**	**13.6**	**82**	**74,159**	**1.8**	**1.2**	**2.6**
50 - 54	147	97,618	76.8	67.7	83.9	31	25,876	20.4	13.7	29.2	5	3,625	2.9	1.0	8.2
55 - 59	88	59,121	76.1	64.2	84.9	20	15,030	19.3	11.3	31.2	6	3,554	4.6	1.9	10.8
60 - 64	73	40,545	69.6	55.9	80.6	20	15,154	26.0	15.8	39.8	3	2,527	4.3	1.2	15.0
65 - 69	47	29,080	71.7	53.3	85.0	9	9,093	22.4	10.4	41.8	3	2,364	5.8	1.8	17.3
70 - 74	18	9,030	69.7	45.2	86.6	6	2,434	18.8	6.8	42.4	2	1,483	11.5	2.9	36.2
75+	11	3,903	34.6	14.0	63.2	10	6,704	59.5	30.9	82.8	1	667	5.9	0.8	33.3
Ethnicity[3]															
Malays	2,947	2,394,848	89.8	88.1	91.3	274	249,778	9.4	7.9	11.1	32	22,204	0.8	0.5	1.3
Chinese	372	453,421	87.0	82.2	90.7	53	66,229	12.7	9.0	17.6	3	1,347	0.3	0.1	1.0
Indian	243	225,014	88.4	83.0	92.3	31	28,437	11.2	7.4	16.6	2	1,001	0.4	0.1	2.0
Bumiputera Sabah	246	274,174	76.0	68.3	82.4	71	71,809	19.9	14.2	27.2	15	14,588	4.0	2.4	6.7
Bumiputera Sarawak	66	133,014	60.9	45.1	74.7	33	57,301	26.2	16.5	39.0	23	28,160	12.9	4.8	30.3
Orang Asli	9	9,142	60.7	50.5	70.1	7	5,915	39.3	29.9	49.5	0	-	0.0	0.0	0.0
Others	154	164,470	82.6	75.0	88.2	25	27,891	14.0	9.3	20.5	7	6,860	3.4	1.4	8.4
Citizenship															
Malaysian	4,004	3,620,597	86.5	84.7	88.1	484	495,082	11.8	10.4	13.4	79	71,367	1.7	1.1	2.6
Non Malaysian	33	33,485	69.0	51.3	82.4	10	12,278	25.3	13.1	43.1	3	2,792	5.7	1.3	22.3
Marital status[4]															
Never married	1,212	1,237,516	86.9	83.8	89.5	140	163,540	11.5	9.2	14.2	19	22,979	1.6	0.8	3.4
Married	1,050	852,831	77.2	73.7	80.4	224	219,518	19.9	16.7	23.4	39	32,174	2.9	1.9	4.4
Widow/Widower/ Divorcee	101	71,403	73.0	61.8	81.9	29	20,410	20.9	12.9	32.0	7	5,962	6.1	2.7	13.4
Education level[5]															
No formal education	85	66,332	67.5	56.9	76.6	23	21,327	21.7	14.0	32.0	12	10,600	10.8	6.1	18.4
Primary	1,762	1,535,068	89.5	87.3	91.4	158	161,191	9.4	7.6	11.6	25	18,260	1.1	0.7	1.7
Secondary	1,176	1,091,732	82.5	79.1	85.4	193	201,796	15.2	12.7	18.2	27	29,750	2.2	1.1	4.6
Tertiary	407	410,857	82.3	77.6	86.2	73	82,009	16.4	12.7	21.1	8	6,174	1.2	0.5	3.0
Unclassified	330	312,888	93.4	89.2	96.0	23	20,204	6.0	3.5	10.2	3	1,836	0.5	0.1	2.1
Occupation[6]															
Government /Semi- government employee	239	168,134	81.5	74.2	87.1	38	33,611	16.3	11.0	23.5	6	4,579	2.2	0.8	6.2
Private employee	374	423,772	78.4	72.5	83.3	91	105,069	19.4	14.8	25.1	11	11,530	2.1	1.1	4.2
Self-employed	261	219,149	79.8	72.9	85.3	57	50,600	18.4	13.5	24.6	5	4,930	1.8	0.5	6.1
Unpaid worker/homemaker	340	267,379	76.5	70.8	81.4	73	67,098	19.2	14.8	24.6	17	14,932	4.3	2.3	7.8
Retiree	54	34,597	76.7	59.1	88.3	8	9,260	20.5	9.5	38.8	2	1,240	2.7	0.7	10.4
Unemployed	210	183,969	74.3	66.5	80.8	46	47,622	19.2	13.7	26.3	15	16,095	6.5	3.2	12.9
Student [4]	885	864,751	89.9	86.9	92.3	80	90,207	9.4	7.1	12.3	8	6,892	0.7	0.3	1.6

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**4,037**	**3,654,082**	**86.3**	**84.5**	**87.8**	**494**	**507,359**	**12.0**	**10.5**	**13.6**	**82**	**74,159**	**1.8**	**1.2**	**2.6**
Household Income Group (RM)															
Less than RM1,000	577	466,608	80.5	76.0	84.2	96	90,171	15.5	12.3	19.5	23	23,211	4.0	2.2	7.3
RM1,000 – RM1,999	860	745,665	87.1	83.6	89.9	95	94,579	11.0	8.6	14.1	15	16,159	1.9	0.9	4.0
RM2,000 – RM2,999	752	646,124	84.7	80.4	88.1	89	103,352	13.5	10.2	17.8	16	13,766	1.8	1.0	3.2
RM3,000 – RM3,999	533	500,612	88.8	84.0	92.3	59	57,940	10.3	7.0	14.9	6	5,062	0.9	0.4	2.0
RM4,000 – RM4,999	342	332,164	87.5	82.2	91.4	49	40,911	10.8	7.1	16.1	6	6,391	1.7	0.7	4.1
RM5,000 – RM5,999	277	276,377	87.7	81.6	92.0	27	36,645	11.6	7.4	17.8	6	2,064	0.7	0.2	1.8
RM6,000 – RM6,999	158	164,185	87.7	80.8	92.4	20	21,616	11.6	7.1	18.3	3	1,322	0.7	0.2	2.9
RM7,000 – RM7,999	171	149,663	92.2	83.9	96.4	11	12,061	7.4	3.3	15.8	1	573	0.4	0.0	2.5
RM8,000 – RM8,999	121	109,442	89.4	79.3	94.8	13	12,187	10.0	4.6	20.2	1	836	0.7	0.1	4.6
RM9,000 – RM9,999	46	42,660	84.9	65.9	94.2	7	5,463	10.9	3.5	28.8	3	2,139	4.3	0.6	23.3
RM10,000 and above	200	220,583	86.3	79.6	91.0	28	32,434	12.7	8.2	19.1	2	2,637	1.0	0.2	4.2
Household Income Quintile															
Q1 (20% poorest)	476	386,211	80.1	75.2	84.2	77	72,810	15.1	11.6	19.4	23	23,211	4.8	2.6	8.7
Q2	854	744,982	86.4	82.9	89.3	108	104,026	12.1	9.5	15.2	12	13,187	1.5	0.6	3.6
Q3	972	842,376	85.8	81.9	89.0	103	122,329	12.5	9.4	16.4	19	16,738	1.7	1.0	2.9
Q4	836	789,133	87.2	83.7	90.0	111	104,874	11.6	8.9	14.9	12	11,453	1.3	0.7	2.4
Q5 (20% richest)	899	891,380	88.8	85.8	91.2	95	103,321	10.3	8.0	13.2	16	9,570	1.0	0.5	2.0
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	749	652,571	80.2	75.9	83.9	121	130,296	16.0	12.8	19.8	32	30,932	3.8	2.2	6.4
Q2	989	798,148	86.4	82.7	89.5	115	106,960	11.6	8.8	15.1	19	18,550	2.0	1.0	4.1
Q3	921	855,657	90.3	87.3	92.7	74	80,512	8.5	6.3	11.4	14	11,312	1.2	0.6	2.2
Q4	821	762,359	86.1	82.9	88.9	110	112,470	12.7	10.1	15.9	14	10,158	1.1	0.6	2.2
Q5 (20% richest)	557	585,348	87.9	83.8	91.2	74	77,111	11.6	8.4	15.7	3	3,209	0.5	0.1	1.6

Notes

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figures
3. Not including "Missing", "Don't Know", "Refuse to Answer" & "Not Applicable"
4. Student include those who aged < 13 years old and not working.

Table 2.26: Traveling time to private out-patient healthcare facilities in the last 12month

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,224**	**1,491,876**	**78.5**	**75.5**	**81.3**	**328**	**355,055**	**18.7**	**16.1**	**21.6**	**46**	**52,484**	**2.8**	**1.9**	**4.0**
State															
Johor	110	157,727	80.4	70.7	87.4	26	34,513	17.6	10.8	27.4	3	3,995	2.0	0.6	6.8
Kedah	51	69,128	72.2	57.9	83.1	22	22,453	23.5	15.1	34.6	4	4,100	4.3	1.3	13.0
Kelantan	81	74,825	84.6	76.1	90.5	14	13,577	15.4	9.5	23.9	0	-	0.0	0.0	0.0
Melaka	52	34,488	72.4	56.4	84.1	21	11,473	24.1	13.1	40.0	1	1,701	3.6	0.5	22.9
Negeri Sembilan	87	54,522	83.5	75.1	89.4	24	10,273	15.7	9.8	24.2	1	536	0.8	0.1	5.8
Pahang	30	27,492	63.3	45.4	78.2	15	12,933	29.8	16.3	48.0	4	3,007	6.9	2.4	18.4
Pulau Pinang	128	154,016	93.1	87.7	96.2	23	11,362	6.9	3.7	12.3	1	86	0.1	0.0	0.4
Perak	49	80,191	78.0	64.0	87.7	17	21,336	20.8	11.3	35.0	2	1,246	1.2	0.3	5.0
Perlis	70	10,559	84.0	66.1	93.4	11	1,290	10.3	4.1	23.2	2	716	5.7	1.3	21.6
Selangor	276	449,461	75.8	69.2	81.4	76	124,962	21.1	15.5	28.0	13	18,297	3.1	1.7	5.4
Terengganu	54	34,359	78.8	62.2	89.4	13	8,539	19.6	9.7	35.7	1	684	1.6	0.2	10.4
Sabah & Labuan	99	151,889	75.7	62.7	85.3	28	38,663	19.3	11.7	30.1	5	9,976	5.0	1.3	17.2
Sarawak	26	51,039	59.9	41.7	75.7	17	26,080	30.6	16.8	49.0	8	8,114	9.5	3.6	22.9
WP Kuala Lumpur	71	138,055	89.4	80.6	94.4	11	16,433	10.6	5.6	19.4	0	-	0.0	0.0	0.0
WP Putrajaya	40	4,126	77.6	62.3	87.9	10	1,167	21.9	11.6	37.6	1	25	0.5	0.1	2.6
Location															
Urban	983	1,364,862	81.6	78.4	84.5	198	274,530	16.4	13.7	19.6	27	32,570	1.9	1.3	3.0
Rural	241	127,014	55.8	47.9	63.5	130	80,525	35.4	28.7	42.8	19	19,914	8.8	4.2	17.4
Sex															
Male	534	711,402	78.7	74.7	82.1	138	165,796	18.3	15.0	22.2	23	27,314	3.0	1.8	5.1
Female	690	780,475	78.4	74.8	81.7	190	189,259	19.0	15.9	22.6	23	25,170	2.5	1.6	4.0
Age Group (years)															
0 - 4	26	20,844	87.6	56.1	97.5	3	2,954	12.4	2.5	43.9	0	-	0.0	0.0	0.0
5 - 9	113	121,717	90.8	80.5	96.0	9	9,684	7.2	2.7	17.8	2	2,589	1.9	0.5	7.5
10 - 14	69	80,368	82.9	69.5	91.2	16	15,123	15.6	7.7	29.0	2	1,400	1.4	0.2	9.7
15 - 19	62	88,223	84.6	74.4	91.2	13	14,246	13.7	7.5	23.7	2	1,810	1.7	0.4	7.7
20 - 24	93	155,044	77.0	67.4	84.4	27	40,279	20.0	13.1	29.3	4	6,100	3.0	1.0	8.8
25 - 29	128	183,361	80.9	73.7	86.4	30	37,240	16.4	11.2	23.5	5	6,167	2.7	1.1	6.7
30 - 34	122	177,950	78.2	70.0	84.6	44	44,921	19.7	13.6	27.7	5	4,762	2.1	0.8	5.7
35 - 39	130	163,896	74.6	65.5	82.0	41	51,752	23.6	16.4	32.7	4	3,982	1.8	0.6	5.2
40 - 44	110	129,822	70.9	61.4	78.9	41	49,470	27.0	19.3	36.5	3	3,775	2.1	0.6	6.4
45 - 49	121	128,759	75.9	66.4	83.4	34	34,957	20.6	13.5	30.1	6	5,961	3.5	1.5	8.0

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,224**	**1,491,876**	**78.5**	**75.5**	**81.3**	**328**	**355,055**	**18.7**	**16.1**	**21.6**	**46**	**52,484**	**2.8**	**1.9**	**4.0**
50 - 54	103	104,313	76.3	65.1	84.8	29	27,061	19.8	12.8	29.3	2	5,286	3.9	0.6	21.9
55 - 59	67	71,470	80.1	69.8	87.5	21	15,481	17.4	10.5	27.3	3	2,239	2.5	0.7	8.8
60 - 64	42	30,290	83.7	66.7	92.9	6	2,436	6.7	2.3	18.4	3	3,470	9.6	2.8	27.9
65 - 69	20	20,659	75.3	57.2	87.4	9	4,999	18.2	8.1	35.9	2	1,782	6.5	1.1	31.1
70 - 74	8	3,881	33.8	13.0	63.4	5	4,451	38.7	15.8	68.1	3	3,161	27.5	8.3	61.2
75+	10	11,278	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-
Ethnicity[3]															
Malays	726	736,139	79.5	76.0	82.5	197	170,781	18.4	15.5	21.7	22	19,471	2.1	1.3	3.4
Chinese	281	468,591	78.7	72.0	84.1	71	113,991	19.1	13.8	25.9	11	13,197	2.2	1.1	4.3
Indian	107	118,633	77.1	67.0	84.8	26	30,500	19.8	12.6	29.7	4	4,700	3.1	1.1	8.2
Bumiputera Sabah	35	41,393	74.9	57.9	86.6	12	13,462	24.4	12.7	41.5	1	417	0.8	0.1	5.4
Bumiputera Sarawak	12	27,809	83.1	55.5	95.1	1	896	2.7	0.3	19.4	4	4,750	14.2	3.5	43.4
Orang Asli	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	63	99,311	73.7	58.1	85.0	21	25,424	18.9	10.7	31.2	4	9,948	7.4	1.9	24.3
Citizenship															
Malaysian	1,185	1,426,912	78.9	75.9	81.7	312	337,241	18.6	16.0	21.7	43	44,308	2.5	1.7	3.5
Non Malaysian	39	64,964	71.4	54.2	84.0	16	17,815	19.6	10.9	32.7	3	8,176	9.0	1.8	34.3
Marital status[4]															
Never married	274	432,899	79.5	73.8	84.2	75	97,742	17.9	13.5	23.4	11	14,058	2.6	1.3	4.9
Married	707	812,255	75.7	72.0	79.0	219	227,879	21.2	18.1	24.8	29	32,875	3.1	1.8	5.1
Widow/Widower/ Divorcee	59	54,484	84.3	71.7	91.9	12	8,614	13.3	6.5	25.5	2	1,562	2.4	0.4	12.0
Education level[5]															
No formal education	16	14,085	75.0	49.7	90.1	5	4,693	25.0	9.9	50.3	0	-	0.0	0.0	0.0
Primary	224	248,869	79.6	72.8	85.1	65	56,338	18.0	13.1	24.3	6	7,389	2.4	0.9	6.4
Secondary	449	538,470	77.5	73.1	81.4	130	136,168	19.6	16.1	23.7	16	19,833	2.9	1.5	5.4
Tertiary	447	598,657	77.7	73.3	81.6	119	150,271	19.5	15.8	23.9	21	21,183	2.8	1.7	4.5
Unclassified	23	24,002	79.4	54.2	92.6	2	2,156	7.1	1.7	25.1	3	4,079	13.5	3.3	41.9
Occupation[6]															
Government /Semi-government employee	181	183,674	72.5	65.1	78.8	60	58,319	23.0	17.1	30.3	11	11,423	4.5	2.4	8.4
Private employee	367	543,359	78.4	73.4	82.7	102	128,874	18.6	14.6	23.4	14	20,423	2.9	1.5	5.6
Self-employed	165	192,472	74.6	67.0	81.0	56	60,652	23.5	17.3	31.2	5	4,767	1.8	0.8	4.5
Unpaid worker/homemaker	130	133,807	81.3	74.4	86.7	35	26,443	16.1	10.9	23.0	4	4,330	2.6	0.9	7.2
Retiree	41	29,019	71.4	52.9	84.7	10	8,297	20.4	10.5	35.8	4	3,339	8.2	2.4	24.7
Unemployed	52	59,966	68.1	55.1	78.8	23	24,344	27.7	17.5	40.8	3	3,715	4.2	1.0	16.2
Student [4]	104	157,340	85.0	75.7	91.1	20	27,307	14.7	8.6	24.0	1	499	0.3	0.0	1.9

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**1,224**	**1,491,876**	**78.5**	**75.5**	**81.3**	**328**	**355,055**	**18.7**	**16.1**	**21.6**	**46**	**52,484**	**2.8**	**1.9**	**4.0**
Household Income Group(RM)															
Less than RM1,000	81	92,563	75.3	62.3	84.9	23	21,283	17.3	10.7	26.9	6	9,021	7.3	1.8	25.7
RM1,000 – RM1,999	115	123,759	78.7	70.3	85.3	35	30,113	19.2	13.0	27.4	5	3,328	2.1	0.6	7.0
RM2,000 – RM2,999	132	148,576	76.9	67.6	84.1	36	35,941	18.6	12.3	27.1	8	8,732	4.5	2.1	9.3
RM3,000 – RM3,999	137	164,541	76.7	66.8	84.4	43	45,215	21.1	13.8	30.9	3	4,659	2.2	0.5	8.7
RM4,000 – RM4,999	127	168,882	83.2	74.7	89.3	32	32,324	15.9	10.1	24.3	1	1,750	0.9	0.1	5.9
RM5,000 – RM5,999	129	153,758	79.5	68.8	87.2	32	35,958	18.6	11.2	29.2	3	3,798	2.0	0.6	6.2
RM6,000 – RM6,999	91	108,562	87.0	77.6	92.8	15	15,352	12.3	6.7	21.6	1	896	0.7	0.1	5.0
RM7,000 – RM7,999	70	83,980	77.0	63.5	86.6	18	21,240	19.5	10.8	32.6	3	3,780	3.5	1.1	10.6
RM8,000 – RM8,999	72	80,603	80.0	66.9	88.8	15	17,655	17.5	9.3	30.6	3	2,494	2.5	0.6	9.4
RM9,000 – RM9,999	49	64,281	82.9	66.8	92.1	9	12,845	16.6	7.5	32.8	1	417	0.5	0.1	3.8
RM10,000 and above	221	302,372	75.0	67.1	81.5	70	87,129	21.6	15.4	29.5	12	13,607	3.4	1.7	6.5
Household Income Quintiles															
Q1 (20% poorest)	73	85,688	74.6	60.6	84.9	20	20,118	17.5	10.4	28.0	6	9,021	7.9	1.9	27.1
Q2	114	122,934	78.6	70.2	85.1	36	30,736	19.7	13.5	27.8	4	2,707	1.7	0.4	7.0
Q3	175	197,002	76.2	67.9	83.0	49	52,072	20.1	14.2	27.8	9	9,353	3.6	1.6	7.2
Q4	274	351,177	79.6	73.4	84.7	78	80,298	18.2	13.5	24.2	6	9,478	2.1	0.9	5.3
Q5 (20% richest)	588	735,075	79.1	74.6	83.0	145	171,831	18.5	14.7	23.0	21	21,924	2.4	1.4	3.9
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	101	108,128	76.6	67.1	84.1	32	30,148	21.4	14.3	30.8	4	2,808	2.0	0.7	5.4
Q2	160	178,616	75.5	66.9	82.4	59	45,550	19.2	13.9	26.0	9	12,472	5.3	1.8	14.5
Q3	218	258,171	79.9	73.4	85.1	53	56,051	17.3	12.4	23.7	8	8,969	2.8	1.2	6.2
Q4	271	338,594	77.0	70.7	82.2	82	89,589	20.4	15.5	26.3	8	11,820	2.7	1.4	5.3
Q5 (20% richest)	474	608,405	80.2	74.5	84.9	102	133,723	17.6	13.0	23.4	17	16,415	2.2	1.2	3.8

Notes:

1. Some cells have respondent count (N) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figures.
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. Student include those who aged > 13 years old and not working

Table 4.27: Travelling time to urban out-patient healthcare facilities in the last 12 months

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**3,087**	**841,440**	**84.9**	**83.0**	**86.6**	**456**	**623,292**	**13.8**	**12.1**	**15.6**	**52**	**61,015**	**1.4**	**0.9**	**1.8**
State															
Johor	291	439,106	86.1	79.7	90.7	46	64,132	12.6	8.2	18.8	5	6,758	1.3	0.5	3.2
Kedah	155	10,511	83.5	73.8	90.1	31	37,145	14.7	9.2	22.7	4	4,552	1.8	0.6	5.4
Kelantan	220	93,351	89.6	84.7	93.0	24	21,930	10.2	6.7	15.1	1	573	0.3	0.0	1.8
Melaka	176	64,949	87.3	81.7	91.4	24	21,410	11.3	7.7	16.4	2	2,601	1.4	0.2	9.3
Negeri Sembilan	214	73,362	90.4	84.9	94.0	20	14,995	7.8	5.0	12.0	4	3,374	1.8	0.5	6.3
Pahang	136	39,777	87.4	79.9	92.4	16	16,429	10.3	5.4	18.8	4	3,668	2.3	0.8	6.6
Pulau Pinang	151	63,216	89.4	78.8	95.0	18	31,204	10.6	5.0	21.2	0	-	0.0	0.0	0.0
Perak	151	71,010	89.1	83.1	93.1	20	32,498	10.7	6.7	16.7	1	625	0.2	0.0	1.5
Perlis	234	9,448	94.1	88.1	97.2	10	1,572	3.7	1.6	8.3	4	907	2.2	0.5	8.5
Selangor	569	23,393	80.1	75.6	83.9	113	202,466	17.6	13.8	22.1	17	26,996	2.3	1.5	3.7
Terengganu	177	41,421	91.9	85.0	95.7	14	11,444	7.4	3.7	14.4	1	1,077	0.7	0.1	4.8
Sabah & Labuan	250	04,408	83.8	76.8	89.0	44	71,653	14.8	10.0	21.5	4	6,484	1.3	0.4	4.9
Sarawak	96	93,988	76.4	63.6	85.7	30	56,757	22.3	13.1	35.4	3	3,272	1.3	0.4	4.0
WP Kuala Lumpur	140	69,945	88.0	81.0	92.6	23	36,916	12.0	7.4	19.0	0	-	0.0	0.0	0.0
WP Putrajaya	127	13,555	82.5	73.2	89.1	23	2,741	16.7	10.7	25.1	2	128	0.8	0.2	3.5
Sex															
Male	1,353	1,822,753	85.9	83.4	88.1	184	267,531	12.6	10.5	15.1	28	31,636	1.5	1.0	2.3
Female	1,734	2,018,687	84.0	81.7	86.0	272	355,762	14.8	12.8	17.0	24	29,380	1.2	0.8	1.9
Age Group (years)															
0 - 4	89	100,830	90.2	79.5	95.6	7	9,458	8.5	3.5	19.1	1	1,477	1.3	0.2	8.9
5 - 9	536	632,735	92.9	89.5	95.3	36	44,549	6.5	4.3	9.8	3	3,532	0.5	0.2	1.6
10 - 14	635	747,845	91.1	87.1	93.9	50	70,340	8.6	5.8	12.5	3	3,055	0.4	0.1	1.2
15 - 19	368	489,826	86.4	81.8	90.0	47	71,705	12.6	9.2	17.2	5	5,384	0.9	0.4	2.4
20 - 24	139	265,349	83.3	76.3	88.6	29	49,081	15.4	10.4	22.3	2	4,023	1.3	0.3	5.3
25 - 29	219	314,043	83.7	78.3	88.0	36	50,940	13.6	9.8	18.5	7	10,060	2.7	1.3	5.6
30 - 34	198	276,927	80.2	73.3	85.8	42	65,915	19.1	13.7	26.0	2	2,242	0.6	0.1	3.8
35 - 39	182	245,402	76.0	68.8	81.9	49	67,487	20.9	15.4	27.7	8	10,139	3.1	1.4	6.7
40 - 44	157	183,507	75.9	67.7	82.5	33	52,797	21.8	15.5	29.9	4	5,618	2.3	0.8	6.3
45 - 49	177	195,338	78.7	71.0	84.8	37	47,378	19.1	13.4	26.4	6	5,536	2.2	0.9	5.3

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**3,087**	**841,440**	**84.9**	**83.0**	**86.6**	**456**	**623,292**	**13.8**	**12.1**	**15.6**	**52**	**61,015**	**1.4**	**0.9**	**1.8**
50 - 54	159	170,846	80.6	73.4	86.2	37	40,400	19.0	13.5	26.2	1	841	0.4	0.1	2.8
55 - 59	98	102,632	79.1	69.7	86.2	22	24,382	18.8	12.0	28.1	4	2,688	2.1	0.7	6.4
60 - 64	66	54,036	78.6	66.1	87.4	14	13,222	19.2	11.0	31.5	1	1,477	2.1	0.3	13.8
65 - 69	38	40,055	78.0	61.0	89.0	8	9,487	18.5	8.3	36.1	2	1,782	3.5	0.5	19.5
70 - 74	14	9,904	64.4	35.9	85.4	2	2,309	15.0	3.6	45.8	3	3,161	20.6	6.0	51.3
75+	12	12,164	76.0	49.7	91.0	7	3,843	24.0	9.0	50.3	0	-	0.0	0.0	0.0
Ethnicity[3]															
Malays	2,019	2,207,853	86.6	84.3	88.5	248	310,124	12.2	10.3	14.3	30	32,864	1.3	0.9	1.9
Chinese	515	865,196	82.3	77.8	86.0	106	170,476	16.2	12.5	20.7	11	15,680	1.5	0.7	3.1
Indian	261	312,121	82.9	77.3	87.3	47	58,595	15.6	11.3	21.1	5	5,986	1.6	0.6	3.9
Bumiputera Sabah	119	163,607	81.5	69.4	89.6	23	34,557	17.2	9.8	28.5	2	2,473	1.2	0.3	4.4
Bumiputera Sarawak	33	93,818	83.3	58.6	94.6	7	18,876	16.7	5.4	41.4	0	-	0.0	0.0	0.0
Orang Asli	-	-	0.0	0.0	0.0	1	500	100.0	0.0	0.0	0	-	0.0	0.0	0.0
Others	140	198,846	85.3	77.4	90.8	24	30,165	12.9	7.9	20.5	4	4,012	1.7	0.4	7.2
Citizenship															
Malaysian	3,035	3,762,213	85.0	83.0	86.7	443	607,507	13.7	12.0	15.6	50	58,415	1.3	1.0	1.8
Non Malaysian	52	79,227	81.2	67.8	89.8	13	15,785	16.2	8.5	28.6	2	2,601	2.7	0.4	16.8
Marital status[4]															
Never married	876	1,221,609	84.4	81.1	87.3	125	203,480	14.1	11.3	17.3	17	21,491	1.5	0.9	2.5
Married	1,113	1,318,963	79.2	76.1	82.0	241	312,928	18.8	16.1	21.8	30	33,203	2.0	1.3	3.0
Widow/Widower/ Divorcee	91	96,518	81.8	72.1	88.6	20	20,196	17.1	10.5	26.7	1	1,312	1.1	0.2	7.5
Education level[5]															
No formal education	39	42,626	73.4	58.3	84.5	11	15,439	26.6	15.5	41.7	0	-	0.0	0.0	0.0
Primary	1,112	1,298,585	88.7	85.8	91.0	120	154,000	10.5	8.3	13.3	11	11,443	0.8	0.4	1.6
Secondary	943	1,205,725	82.1	78.9	84.8	173	241,275	16.4	13.7	19.5	18	22,423	1.5	0.9	2.7
Tertiary	633	853,645	80.3	76.5	83.6	129	187,807	17.7	14.5	21.3	20	21,707	2.0	1.3	3.3
Unclassified	176	213,427	94.2	89.0	97.1	10	10,374	4.6	2.3	8.9	1	2,679	1.2	0.2	8.0
Occupation[6]															
Government /Semi- government employee	287	280,947	78.9	72.7	84.1	58	66,434	18.7	13.8	24.8	8	8,502	2.4	1.1	5.2
Private employee	504	791,729	79.1	74.5	83.0	119	188,283	18.8	15.1	23.2	16	21,344	2.1	1.3	3.6
Self-employed	241	300,699	82.4	76.4	87.1	48	60,900	16.7	12.1	22.6	4	3,311	0.9	0.3	2.8
Unpaid worker/ homemaker	268	303,549	83.1	77.8	87.3	49	57,256	15.7	11.5	21.0	4	4,496	1.2	0.4	3.4
Retiree	64	52,982	72.7	58.7	83.3	14	16,031	22.0	12.9	35.0	4	3,825	5.3	1.7	15.4
Unemployed	132	59,791	74.4	66.3	81.2	33	46,331	21.6	15.3	29.6	6	8,561	4.0	1.5	10.0
Student [7]	584	747,395	87.4	83.6	90.5	65	101,370	11.9	8.9	15.6	6	5,967	0.7	0.3	1.8

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[3]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**3,087**	**841,440**	**84.9**	**83.0**	**86.6**	**456**	**623,292**	**13.8**	**12.1**	**15.6**	**52**	**61,015**	**1.4**	**0.9**	**1.8**
Household Income Group (RM)															
Less than RM1,000	298	344,187	83.9	78.6	88.1	51	64,521	15.7	11.6	21.0	1	1,344	0.3	0.0	2.3
RM1,000 – RM1,999	433	534,644	88.9	85.3	91.7	51	61,167	10.2	7.5	13.7	7	5,731	1.0	0.3	2.6
RM2,000 – RM2,999	470	577,116	86.4	81.7	90.0	51	84,626	12.7	9.1	17.4	6	6,353	1.0	0.4	2.3
RM3,000 – RM3,999	402	509,033	86.3	80.9	90.4	50	70,763	12.0	8.2	17.2	7	10,158	1.7	0.7	4.0
RM4,000 – RM4,999	315	394,648	86.7	81.8	90.5	45	54,046	11.9	8.3	16.7	4	6,323	1.4	0.5	3.7
RM5,000 – RM5,999	293	365,555	84.7	78.5	89.3	45	63,099	14.6	10.1	20.7	2	3,069	0.7	0.2	2.8
RM6,000 – RM6,999	182	238,939	87.1	81.0	91.4	28	33,079	12.1	7.9	18.0	3	2,289	0.8	0.2	3.2
RM7,000 – RM7,999	157	189,851	86.3	77.3	92.1	19	26,497	12.0	6.6	21.0	3	3,669	1.7	0.5	5.4
RM8,000 – RM8,999	128	151,980	84.6	74.7	91.1	19	25,069	14.0	7.7	23.9	3	2,621	1.5	0.4	5.5
RM9,000 – RM9,999	68	90,024	85.0	71.7	92.7	13	15,908	15.0	7.3	28.3	0	-	0.0	0.0	0.0
RM10,000 and above	341	445,464	75.6	69.0	81.1	84	124,519	21.1	15.9	27.5	16	19,458	3.3	1.9	5.6
Household Income Quintiles															
Q1 (20% poorest)	263	306,850	85.5	80.5	89.5	42	50,491	14.1	10.2	19.1	1	1,344	0.4	0.1	2.6
Q2	412	510,239	87.5	83.5	90.6	56	69,240	11.9	8.8	15.8	5	3,849	0.7	0.2	2.1
Q3	628	766,929	86.0	81.6	89.5	68	111,601	12.5	9.1	16.9	11	13,529	1.5	0.7	3.3
Q4	710	896,665	85.4	81.8	88.3	105	139,503	13.3	10.5	16.7	10	14,256	1.4	0.7	2.7
Q5 (20% richest)	1,074	1,360,757	82.9	79.7	85.7	185	252,457	15.4	12.7	18.5	25	28,037	1.7	1.1	2.7
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	339	434,120	84.2	79.1	88.2	57	77,823	15.1	11.1	20.2	5	3,701	0.7	0.2	2.4
Q2	505	603,592	89.1	84.6	92.5	55	69,158	10.2	7.0	14.8	4	4,307	0.6	0.2	1.7
Q3	659	821,254	88.4	85.3	90.9	68	100,051	10.8	8.4	13.8	5	7,573	0.8	0.3	2.1
Q4	739	911,681	82.2	78.6	85.2	137	175,812	15.8	13.0	19.2	17	22,228	2.0	1.2	3.3
Q5 (20% richest)	845	1,070,836	82.7	78.7	86.1	139	200,455	15.5	12.2	19.4	21	23,207	1.8	1.1	2.9

Notes:

1. Some cells have respondent count (n) < 30. Result should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figure
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. Student include those who aged > 13 years old and not working

Table 4.28: Travelling time to rural out-patient healthcare facilities in the last 12 months

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**2,014**	**1,104,267**	**75.1**	**71.2**	**78.8**	**401**	**279,543**	**19.0**	**16.3**	**22.1**	**92**	**85,674**	**5.8**	**3.8**	**8.7**
State															
Johor	119	102,263	77.6	62.0	88.0	26	27506	20.9	11.0	36	3	2031.0	1.5	0.4	5.9
Kedah	144	98,039	79.8	69.5	87.3	29	22,819	18.6	11.2	29.3	4	1,932	1.6	0.6	4.0
Kelantan	257	226,727	89.4	83.7	93.3	25	22,370	8.8	5.2	14.7	5	4,555	1.8	0.8	4.1
Melaka	160	11,419	88.2	80.6	93.1	18	1,523	11.8	6.9	19.4	0	-	0.0	0.0	0.0
Negeri Sembilan	158	46,957	82.5	68.9	90.9	32	9,531	16.7	8.8	29.6	2	442	0.8	0.2	2.8
Pahang	151	112,387	80.1	71.8	86.4	32	23,817	17.0	10.9	25.4	6	4,146	3.0	1.2	7.3
Pulau Pinang	161	17,259	81.0	72.2	87.5	36	3,442	16.2	10.7	23.6	6	600	2.8	0.9	8.2
Perak	91	49,919	76.1	65.1	84.5	25	15,039	22.9	14.4	34.5	1	621	0.9	0.1	6.1
Perlis	192	20,233	93.1	84.8	97.0	14	1,464	6.7	2.9	14.9	1	40	0.2	0.0	1.3
Selangor	122	53,962	83.9	74.7	90.2	19	7,518	11.7	6.7	19.6	6	2,847	4.4	1.8	10.4
Terengganu	177	80,779	89.0	78.8	94.6	21	9,309	10.3	5.3	18.9	1	684	0.8	0.1	5.0
Sabah & Labuan	197	182,360	63.2	53.1	72.3	82	75,553	26.2	19.6	34.1	24	30,567	10.6	5.7	19.0
Sarawak	85	101,964	51.3	38.8	63.6	42	59,652	30.0	21.9	39.6	33	37,209	18.7	8.8	35.5
WP Kuala Lumpur	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0	-	0.0	0.0	0.0
WP Putrajaya	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0	-	0.0	0.0	0.0
Sex															
Male	887	516,824	76.0	71.0	80.4	168	131,140	19.3	15.7	23.4	30	32,376	4.8	2.6	8.5
Female	1,127	587,443	74.4	70.1	78.3	233	148,402	18.8	15.7	22.4	62	53,299	6.8	4.5	10.0
Age Group (years)															
0 - 4	66	34,814	71.8	58.3	82.3	12	9,521	19.6	11.1	32.3	4	4,124	8.5	3.4	19.8
5 - 9	465	248,901	89.8	84.9	93.2	33	22,804	8.2	5.1	13.0	8	5,552	2.0	0.9	4.3
10 - 14	455	263,975	88.7	83.6	92.4	39	28,150	9.5	6.1	14.3	10	5,427	1.8	0.7	4.6
15 - 19	272	187,330	81.2	73.8	86.9	37	34,905	15.1	10.2	21.9	6	8,358	3.6	1.5	8.3
20 - 24	102	84,701	65.1	52.3	76.0	31	32,533	25.0	17.5	34.4	8	12,972	10.0	3.8	23.9
25 - 29	86	52,010	57.3	45.3	68.5	41	32,411	35.7	25.0	48.0	6	6,387	7.0	2.8	16.7
30 - 34	96	57,472	58.4	47.6	68.4	42	29,260	29.7	20.7	40.6	11	11,692	11.9	5.8	22.7
35 - 39	76	31,172	65.0	51.6	76.4	26	14,277	29.8	18.9	43.5	4	2,509	5.2	2.0	13.2
40 - 44	70	29,592	59.3	49.4	68.5	32	17,388	34.9	25.4	45.7	4	2,906	5.8	2.2	14.5
45 - 49	96	38,561	61.2	47.9	72.9	30	19,700	31.2	20.2	44.9	6	4,798	7.6	2.5	20.9

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**2,014**	**1,104,267**	**75.1**	**71.2**	**78.8**	**401**	**279,543**	**19.0**	**16.3**	**22.1**	**92**	**85,674**	**5.8**	**3.8**	**8.7**
50 - 54	86	27,007	55.0	38.5	70.5	25	14,005	28.5	17.4	43.0	6	8,070	16.4	4.7	43.8
55 - 59	51	19,774	64.9	50.6	77.0	19	7,455	24.5	14.4	38.5	6	3,231	10.6	4.3	23.9
60 - 64	45	14,102	58.0	40.3	73.8	13	5,462	22.5	10.9	40.6	6	4,764	19.6	7.9	40.8
65 - 69	28	9,312	57.2	38.5	74.0	9	4,234	26.0	13.2	44.8	4	2,736	16.8	6.1	38.5
70 - 74	11	2,527	29.4	14.3	51.0	9	4,576	53.3	30.0	75.3	2	1,483	17.3	4.4	48.9
75+	9	3,017	46.1	12.9	83.2	3	2,861	43.7	9.4	85.3	1	667	10.2	1.2	50.8
Ethnicity [3]															
Malays	1,540	786,558	83.1	79.9	85.9	247	140,754	14.9	12.2	18.0	34	19,199	2.0	1.4	3.0
Chinese	124	41,535	72.6	51.7	86.8	22	12,700	22.2	9.3	44.2	6	2,997	5.2	1.7	15.1
Indian	80	19,859	87.4	76.4	93.7	12	1,869	8.2	4.8	13.7	2	1,001	4.4	0.8	20.7
Bumiputera Sabah	150	136,086	66.4	58.5	73.6	64	56,192	27.4	20.8	35.2	14	12,533	6.1	3.6	10.3
Bumiputera Sarawak	42	62,309	46.0	29.3	63.6	27	39,322	29.0	19.5	40.9	28	33,913	25.0	11.2	47.0
Orang Asli	9	9,142	62.8	52.6	72.0	6	5,415	37.2	28.0	47.4	0	-	0.0	0.0	0.0
Others	69	48,778	55.4	36.3	73.0	23	23,291	26.4	15.9	40.5	8	16,031	18.2	6.1	43.2
Citizenship															
Malaysian	1,999	1,092,335	76.2	72.2	79.7	387	264,479	18.4	15.7	21.5	88	77,307	5.4	3.5	8.1
Non Malaysian	15	11,932	33.7	16.8	56.3	14	15,064	42.6	22.4	65.6	4	8,367	23.7	3.7	71.5
Marital status [3]															
Never married	552	358,057	76.9	70.5	82.3	107	86,404	18.6	14.5	23.5	17	20,972	4.5	2.0	9.8
Married	581	272,437	59.7	53.6	65.6	209	137,457	30.1	25.0	35.9	49	46,100	10.1	6.4	15.6
Widow/Widower/ Divorcee	65	22,062	57.9	42.2	72.2	22	9,802	25.7	13.9	42.8	8	6,212	16.3	7.3	32.5
Education level [3]															
No formal education	59	35,798	60.0	46.8	72.0	19	13,237	22.2	13.5	34.3	12	10,600	17.8	10.0	29.6
Primary	834	435,896	81.9	77.5	85.6	112	79,268	14.9	11.4	19.3	25	16,915	3.2	1.8	5.4
Secondary	624	341,523	69.3	62.5	75.3	163	114,426	23.2	18.7	28.5	31	36,801	7.5	4.0	13.7
Tertiary	171	96,195	61.1	51.2	70.1	72	48,021	30.5	23.3	38.8	14	13,347	8.5	4.5	15.4
Unclassified	175	121,324	88.9	80.5	93.9	15	11,986	8.8	4.3	17.1	5	3,236	2.4	0.7	7.3
Occupation [3]															
Government /Semi-government employee	114	55,374	59.2	49.8	68.1	46	29,598	31.7	23.2	41.5	10	8,504	9.1	4.5	17.7
Private employee	193	103,745	57.4	46.7	67.5	83	56,836	31.4	23.9	40.1	14	20,155	11.2	5.2	22.3
Self-employed	173	96,396	61.7	51.3	71.1	66	51,994	33.3	25.2	42.5	8	7,818	5.0	2.0	11.8
Unpaid worker/homemaker	192	86,010	61.7	52.6	70.0	59	36,691	26.3	19.7	34.2	19	16,785	12.0	6.8	20.5
Retiree	26	7,586	67.7	41.7	86.0	4	2,248	20.1	5.6	51.7	4	1,369	12.2	4.0	31.9
Unemployed	122	72,248	64.2	52.4	74.5	37	25,218	22.4	14.5	33.0	14	15,026	13.4	6.4	25.9
Student [4]	378	231,197	87.2	82.0	91.1	43	31,078	11.7	8.0	16.9	4	2,709	1.0	0.3	3.0

Sociodemographic characteristics	30 minutes or less					Between 31 to 60 minutes					More than 1 hour				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				LL	UL				LL	UL				LL	UL
MALAYSIA	**2,014**	**1,104,267**	**75.1**	**71.2**	**78.8**	**401**	**279,543**	**19.0**	**16.3**	**22.1**	**92**	**85,674**	**5.8**	**3.8**	**8.7**
Household Income Group (RM)															
Less than RM1,000	351	200,523	70.1	61.9	77.1	72	54,840	19.2	14.3	25.2	28	30,887	10.8	5.8	19.3
RM1,000 – RM1,999	519	308,951	79.5	73.2	84.7	80	60,574	15.6	11.5	20.7	16	19,011	4.9	2.4	9.6
RM2,000 – RM2,999	397	202,969	73.1	65.5	79.6	75	57,594	20.7	15.3	27.6	21	17,010	6.1	3.7	10.1
RM3,000 – RM3,999	245	121,340	74.4	66.2	81.2	56	35,873	22.0	15.9	29.5	6	5,934	3.6	1.2	10.3
RM4,000 – RM4,999	135	79,619	73.0	59.1	83.6	40	24,711	22.7	12.7	37.1	5	4,664	4.3	1.5	11.6
RM5,000 – RM5,999	103	53,988	77.0	61.7	87.4	17	13,091	18.7	8.8	35.5	8	3,037	4.3	1.9	9.4
RM6,000 – RM6,999	56	25,602	80.4	61.2	91.4	10	5,069	15.9	6.2	35.0	2	1,182	3.7	0.7	16.6
RM7,000 – RM7,999	79	40,560	83.8	71.0	91.6	12	7,168	14.8	7.9	26.1	1	684	1.4	0.2	9.5
RM8,000 – RM8,999	57	28,043	80.4	62.1	91.1	11	6,114	17.5	8.3	33.3	1	710	2.0	0.3	12.9
RM9,000 – RM9,999	23	13,160	69.5	39.1	89.0	4	3,207	16.9	5.4	42.4	4	2,556	13.5	2.7	47.0
RM10,000 and above	49	29,512	72.3	55.1	84.7	24	11,302	27.7	15.3	44.9	0	-	0.0	0.0	0.0
Household Income Quintiles															
Q1 (20% poorest)	279	158,160	67.1	57.8	75.3	58	46,558	19.8	14.3	26.7	28	30,887	13.1	7.1	23.1
Q2	531	324,278	79.5	73.3	84.5	90	66,357	16.3	12.3	21.3	14	17,300	4.2	2.0	8.8
Q3	497	251,446	75.7	68.8	81.5	84	62,123	18.7	13.7	24.9	23	18,720	5.6	3.5	9.1
Q4	360	185,085	72.5	65.1	78.9	94	59,453	23.3	17.4	30.5	11	10,598	4.2	1.9	8.7
Q5 (20% richest)	347	185,299	77.7	70.2	83.8	75	45,051	18.9	13.1	26.5	16	8,168	3.4	1.8	6.6
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	498	310,283	72.7	66.3	78.2	98	86,089	20.2	15.8	25.4	28	30,598	7.2	4.3	11.7
Q2	607	339,909	74.0	67.9	79.3	125	87,238	19.0	14.8	24.0	14	32,157	7.0	3.9	12.4
Q3	445	245,291	80.2	73.3	85.6	67	44,297	14.5	10.3	20.0	23	16,312	5.3	2.9	9.6
Q4	322	144,426	78.1	70.3	84.4	63	37,042	20.0	13.9	27.9	11	3,403	1.8	0.6	5.3
Q5 (20% richest)	142	64,347	69.6	56.9	79.9	48	24,867	26.9	16.9	39.9	16	3,207	3.5	1.0	11.6

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figure
3. Not including "Missing", "Don't know", "Refuse to Answer" & "Not Applicable".
4. Student include those who aged > 13 years old and not working

Table 4.29: Mode of transport to government and private out-patient healthcare facilities in the last 12 months

Mode of transport	Government Facility					Private Facility				
	Count [1]	Estimated population [2]	%	95% CI		Count [1]	Estimated population [2]	%	95% CI	
				Lower	Upper				Lower	Upper
Car (Overall)	2,565	2,448,596	53.7	51.2	56.3	1,433	1,744,447	84.0	81.3	86.3
Car	2,463	2,338,530	51.3	48.8	53.9	1,417	1,722,221	0.8	0.8	0.9
Car + others	102	110,066	2.4	1.6	3.5	16	22,226	0.0	0.0	0.0
Motorcycle (Overall)	1,337	1,077,417	23.6	21.7	25.7	173	201,395	9.7	7.9	11.8
Motorcycle	1,326	1,071,453	23.5	21.6	25.6	172	199,826	0.1	0.1	0.1
Motorcycle + others	11	5,964	0.1	0.1	0.3	1	1,568	0.0	0.0	0.0
Bicycle (Overall)	0	0	-	-	-	0	0	-	-	-
Bicycle	0	0	-	-	-	0	0	-	-	-
Bicycle + others	0	0	-	-	-	0	0	-	-	-
Boat (Overall)	11	15,295	0.3	0.1	1.8	0	0	-	-	-
Boat	4	6,092	0.1	0.0	0.9	0	0	-	-	-
Boat + others	7	9,203	0.2	0.0	1.0	0	0	-	-	-
Rented (Overall)	457	476,770	10.5	9.1	12.0	56	74,093	3.6	2.5	5.1
Rented/ Public vehicle	447	467,858	10.3	8.9	11.8	55	72,818	0.0	0.0	0.1
Rented/Public vehicles + others	10	8,912	0.2	0.1	0.4	1	1,275	0.0	0.0	0.0
Walking (Overall)	284	327,750	7.2	5.8	8.8	22	25,376	1.2	0.7	2.2
Walking	278	322,377	7.1	5.7	8.7	22	25,376	0.0	0.0	0.0
Walking + others	6	5,373	0.1	0.0	0.4	-	-	-	-	-
Ambulance (Overall)	3	4,379	0.1	0.0	0.3	0	0	-	-	-
Ambulance	3	4,379	0.1	0.0	0.3	0	0	-	-	-
Ambulance + others	0	0	-	-	-	0	0	-	-	-
Others (Overall)	301	206,179	4.5	3.6	5.6	33	32,543	1.6	1.0	2.4

Notes:

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution
2. Due to rounding, some totals may not correspond with the sum of the separate figures

Table 4.30: Mode of transport to urban and rural out-patient healthcare facilities in the last 12 months

Mode of transport	Urban					Rural				
	Count[1]	Estimated population[2]	%	95% CI		Count[1]	Estimated population[2]	%	95% CI	
				Lower	Upper				Lower	Upper
Car (Overall)	2,658	3,441,201	68.7	66.0	71.3	2,242	1,242,937	77.3	73.9	80.3
Car	2,595	3,351,547	66.9	64.2	69.6	1,319	709,042	44.1	40.6	47.7
Car + others	63	89,654	1.8	1.1	2.9	923	533,894	33.2	30	36.5
Motorcycle (Overall)	641	782,994	15.6	13.9	17.6	0	0	-	-	-
Motorcycle	637	778,112	15.5	13.8	17.5	0	0	-	-	-
Motorcycle + others	4	4,882	0.1	0.0	0.3	0	0	-	-	-
Bicycle (Overall)	0	0	-	-	-	0	0	-	-	-
Bicycle	0	0	-	-	-	0	0	-	-	-
Bicycle + others	0	0	-	-	-	0	0	-	-	-
Boat (Overall)	0	0	-	-	-	11	15,295	1.0	0.2	5.1
Boat	0	0	-	-	-	4	6,092	0.4	0.1	2.6
Boat + others	0	0	-	-	-	7	9,203	0.6	0.1	2.7
Rented (Overall)	270	348,922	7.0	5.9	8.3	241	197,783	12.3	9.9	15.2
Rented/ Public vehicle	268	347,932	6.9	5.9	8.2	231	187,555	11.7	9.4	14.4
Rented/Public vehicles + others	2	990	0.0	0.0	0.1	10	10,228	0.6	0.3	1.2
Walking (Overall)	174	251,645	5.0	3.9	6.5	126	93,704	5.8	4.4	7.7
Walking	171	247,286	4.9	3.8	6.4	123	92,691	5.8	4.3	7.7
Walking + others	3	4,360	0.1	0.0	0.4	3	1,013	0.1	0.0	0.4
Ambulance (Overall)	2	3,573	0.1	0.0	0.3	1	807	0.1	0.0	0.4
Ambulance	2	3,573	0.1	0.0	0.3	1	807	0.1	0.0	0.4
Ambulance + others	0	0	-	-	-	0	0	-	-	-
Others (Overall)	185	178,175	3.6	2.8	4.6	147	58,212	3.6	2.6	5.0

Notes

1. Some cells have respondent count (n) < 30. Results should be interpreted with caution.
2. Due to rounding, some totals may not correspond with the sum of the separate figures.

4.9 VARIABLE DEFINITION

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
Prevalence of reported oral health problems in the last 2 weeks	dprob • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Persons reported oral health problems within the last 2 weeks. Yes=1; No=0	*overall foreach var of varlist dprob {svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) } *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile {svy: tab `var' dprob, obs count format(%12.2gc) svy: tab `var' dprob, ci format(%10.3f)row }
Prevalence of oral health problems with other illness in the last 2 weeks	dprob_ill • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Persons reported oral health problems with at least one other illness within the last 2 weeks. Yes=1; No=0	*overall foreach var of varlist dprob_ill {svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) } *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile {svy: tab `var' dprob_ill, obs count format(%12.2gc) svy: tab `var' dprob_ill, ci format (%10.3f) row }
Prevalence of oral health problems only in the last 2 weeks	dprobo • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Persons reported oral health problems without any other illness within the last 2 weeks. Yes=1; No=0	*overall foreach var of varlist dprobo {svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) } *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile {svy: tab `var' dprobo, obs count format(%12.2gc) svy: tab `var' dprobo, ci format(%10.3f)row }

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
Type of oral healthcare sought for recent oral health problems without any other illness in the last 2 weeks	• dselfmedicate • dtxhcp • dpmedicine • dadvice • danyelse	weight_final	Type of care chosen by the population that experience oral health problems only in the past two weeks prior to the interview	foreach var of varlist dselfmedicate dtxhcp dpmedicine dadvice danyelse {svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) }
Prevalence of seeking oral healthcare for recent oral health problems without any other illness in the last 2 weeks	dtxhcp • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Sought care from healthcare providers for oral health illness in last two weeks Yes=1; No=0	*overall foreach var of varlist dtxhcp {svy: tab `var', obs count ormat(%12.2gc) svy: tab `var', ci ormat(%10.3f)} *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile { svy: tab `var' dtxhcp, obs count format(%12.2gc) svy: tab `var' dtxhcp, ciformat(%10.3f)row}
Prevalence of self-care/self-medicating oral health behavior in the last 2 weeks	dselfmedicate • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Self-medicating for oral health illness in last two weeks Yes=1; No=0	*overall foreach var of varlist dselfmedicate {svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) } *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile {svy: tab `var' dselfmedicate, obs count format(%12.2gc) svy: tab `var' dselfmedicate, ci format(%10.3f)row }
Prevalence of purchased medication for oral health illness in the last 2 weeks	dpmedicine • state • strata • sex • agegroup • ethnic7 • citizen • marital_status	weight_final	Purchased medication for oral health illness in last two weeks after advise from pharmacist Yes=1; No=0	*overall foreach var of varlist dpmedicine { svy: tab `var', obs count format(%12.2gc) svy: tab `var', ci format(%10.3f) } *SES foreach var of varlist state strata sex agegroup ethnic7 citizen

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
	• education • occupation2 • hhincomegrp • hhincome_quintile • quintile			marital_status education occupation2 hhincomegrp hhincome_quintile quintile { svy: tab 'var' dpmedicine, obs count format(%12.2gc) svy: tab 'var' dpmedicine, ci format(%10.3f)row }
Prevalence of sought advice than healthcare providers for oral health illness in the last 2 weeks	Dadvice • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Sought advice, other than from a healthcare providers for oral health illness in last two weeks Yes=1; No=0	*overall foreach var of varlist dadvice {svy: tab 'var', obs count format(%12.2gc) svy: tab 'var', ci format(%10.3f) } *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile { svy: tab 'var' dadvice, obs count format(%12.2gc) svy: tab 'var' dadvice, ci format(%10.3f)row }
Prevalence of do anything else for oral health illness in the last 2 weeks	danyelse • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Practised other health seeking behavior, other than the above Yes=1; No=0	*overall foreach var of varlist danyelse { svy: tab 'var', obs count format(%12.2gc)svy: tab 'var', ci format(%10.3f) } *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile (svy: tab 'var' danyelse, obs count format(%12.2gc) svy: tab 'var' danyelse, ci format(%10.3f)row }
Prevalence of out-patient oral healthcare utilisation in the last 12 months	dental • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education	weight_final	Healthcare utilisation in the last 12 months. Yes=1; No=0	*overall svy: tab b3100n, obs count format(%12.3gc) svy: tab b3100n, ci format(%12.3f) *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hincomegrp hhincome_quintile quintile

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
	• occupation2 • hhincomegrp • hhincome_quintile • quintile			{ svy: tab `var' b3100n, obs count format(%12.2gc) svy: tab `var' b3100n, ci format(%10.3f)row }
Timing of last dental care	timing_last__dental • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Persons reported of last dental visit • Between 1 till less than 2 years ago=1 • Between 2 till less than 3 years ago = 2 • Between 3 till less than 5 years ago=3 • More than 5 years ago=4	*overall svy: tab timing_last_dental, obs count format(%12.4gc) svy: tab timing_last_dental, ci format(%12.3f) *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile { svy: tab `var' timing_last_dental, obs count format(%12.2gc) svy: tab `var' timing_last_dental, ci format(%10.3f) row }
Prevalence of out-patient healthcare utilisation by sector in the last 12 months	govdv, pridv • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Reported preferred oral health provider by sector in the last one year • Government dental facility = 1 • Private dental facility = 2	*overall svy: tab govdv, obs count format(%12.3gc) svy: tab govdv, ci format(%12.3f) *overall svy: tab pridv, obs count format(%12.3gc) svy: tab pridv, ci format(%12.3f) *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile { svy: tab `var' pridv, obs count format(%12.2gc) svy: tab `var' pridv, ci format(%10.3f)row}
Number of oral healthcare facilities visited in the last 12 months	facilities_cat • state • strata • sex • agegroup • ethnic7	weight_final	Persons reported on number of oral healthcare facilities visited in the last 12 months • One facility=1 • Two facilities= 2 • Three facilities=3	*overall svy: tab facilities_cat, obs count format(%12.3gc) svy: tab facilities_cat, ci format(%12.3f) *SES foreach var of varlist state strata sex agegroup ethnic7 citizen

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
	• citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile		• More than three facilities=4	marital_status education occupation2 hhincomegrp hhincome_quintile quintile (svy: tab `var' facilities_cat, obs count format(%12.2gc) svy: tab `var' facilities_cat, ci format(%10.3f)row)
Type of out-patient healthcare facilities/providers where oral healthcare was sought in the last 12 months (recategorize according to GIS code)	new_factype_b3 • Medical clinic • Dental clinic • Pharmacy • Hospital • TCM • Others B3302_loop • Government dental facility • Private dental facility	weight_final	Type of out-patient Healthcare facilities Medical clinic=1 • Dental clinic=2 • Pharmacy=3 • Hospital=4 • TCM=5 • Others=6 B3302_loop • Government dental facility = 1 • Private dental facility = 2	svy:tab new_factype_b3 b3302__loop, obs count format (%12.3gc) svy:tab new_factype_b3 b3302__loop, ci format (%12.3f)
Characteristics of seeking oral healthcare at out-patient facilities in the last 12 months:	tot_all_dv • frequency of visit tot_d_dv • distance to facility tot_t_dv • travel time to facility	weight_final		*frequency of visit svy:mean tot_all_dvtabstat tot_all_dv [aw=weight_final], stat (count sum mean sd median p25 p75) format(%12.4gc) *distance to facility svy:mean tot_d_dvtabstat tot_d_dv [aw=weight_final], stat (count sum mean sd median p25 p75) format(%12.4g) *travel time to facility svy:mean tot_t_dvtabstat tot_t_dv [aw=weight_final], stat (count sum mean sd median p25 p75) format(%12.4g)
Frequency of visit to government oral healthcare facilities in the last 12 months	totgovdv_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education	weight_final	Persons reported on frequency of visit to government oral Healthcare facilities in the last 12 months. • Once=1 • Twice= 2 • More than twice=3	*overall svy: tab totgovdv_cat,obs count format(%12.2gc) svy: tab totgovdv_cat,ci format(%10.3gc) *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
	• occupation2 • hhincomegrp • hhincome_quintile • quintile			(svy: tab `var' totgovdv_cat, obs count format(%12.2gc) svy: tab `var' totgovdv_cat, ci format(%10.3f)row)
Frequency of visit to private oral healthcare facilities in the last 12 months	totpvtdv_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Persons reported on frequency of visit to private oral Healthcare facilities in the last 12 months. • Once=1 • Twice= 2 • More than twice=3	*overall svy: tab totpvtdv_cat,obs count format(%12.2gc) svy: tab totpvtdv_cat,ci format(%10.3gc) *SES foreach var of varlist state strata sex age group ethnic7 citizen marital_status education occupation2 hincomegrp hhincome_quintile quintile { svy: tab `var' totpvtdv_cat, obs count format(%12.2gc) svy: tab `var' totpvtdv_cat, ci format(%10.3f)row }
Frequency of visit to urban oral healthcare facilities in the last 12 months	totaldv_ur • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Frequency of visit to urbanoral healthcare facility Sector: • Government=1 • Private=2 (Frequency of visit) • Once=1 • Twice= 2 • More than twice=3	*overall svy: tab totdv_urb_cat,obs count format(%12.2gc) svy: tab totdv_urb_cat,ci format(%10.3gc) *SES foreach var of varlist state strata sex age group ethnic7 citizen marital_status education occupation2 hincomegrp hhincome_quintile quintile { svy: tab `var' totdv_urb_cat, obs count format(%12.2gc) svy: tab `var' totdv_urb_cat, ci format(%10.3f)row }
Frequency of visit to rural oral healthcare facilities in the last 12 months	totaldv_ru • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education	weight_final	Frequency of visit to ruraloral healthcare facility Sector: • Government=1 • Private=2 (Frequency of visit) • Once=1 • Twice= 2	*overall svy: tab totaldv_ru_cat,obs count format(%12.2gc) svy: tab totaldv_ru_cat,ci format(%10.3gc) *SES foreach var of varlist state strata sex age group ethnic7 citizen marital_status education occupation2 hincomegrp hhincome_quintile quintile

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
	• occupation2 • hhincomegrp • hhincome_quintile • quintile		• More than twice =3	(svy: tab `var' totaldv_ru_cat, obs count format(%12.2gc) svy: tab `var' totaldv_ru_cat, ci format(%10.3f)row)
Distance to the government oral healthcare facilities in the last 12 months	totgdv_d_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Persons reported on distance to the governmentoral Healthcare facilities in the last 12 months • Less than 5 km =1 • Between 5-10 km = 2 • More than 10 km =3	*overall svy: tab totgdv_d_cat, obs count format(%12.4gc) svy: tab totgdv_d_cat, ci format(%12.3f) *SES foreach var of varlist state strata sex age group ethnic 7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile (svy: tab `var' totgdv_d_cat, obs count format(%12.2gc) svy: tab `var' totgdv_d_cat, ci format(%10.3f)row)
Distance to the private oral healthcare facilities in the last 12 months	totpdv_d_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Persons reported on distance to the private oral Healthcare facilities in the last 12 months • Less than 5 km =1 • Between 5-10 km = 2 • More than 10 km =3	*overall svy: tab totpdv_d_cat, obs count format(%12.4gc) svy: tab totpdv_d_cat, ci format(%12.3f) *SES foreach var of varlist state strata sex age group ethnic 7 citizen marital_status education occupation2 hincomegrp hhincome_quintile quintile (svy: tab `var' totpdv_d_cat, obs count format(%12.2gc) svy: tab `var' totpdv_d_cat, ci format(%10.3f)row)
Distance to the urban oral healthcare facilities in the last 12 months (urban-based on repondent's address)	totdv_urb_d_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education	weight_final	Distance to urban oral healthcare facility distance2 • <5km =1 • 5-10km = 2 • >10km = 3	*overall svy: tab totdv_urb_d_cat,obs count format(%12.2gc) svy: tab totdv_urb_d_cat,ci format(%10.3gc) *SES foreach var of varlist state strata sex age group ethnic 7 citizen marital_status education occupation2 hincomegrp hhincome_quintile quintile

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
	• occupation2 • hhincomegrp • hhincome_quintile • quintile			{svy: tab `var' totdv_urb_d_cat, obs count format(%12.2gc) svy: tab `var'totdv_urb_d_cat, ci format(%10.3f)row }
Distance to the rural oral healthcare facilities in the last 12 months (rural-based on respondent's address)	totdv_ru_d_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Distance to rural oral healthcare facility distance2 • <5km =1 • 5-10km = 2 • >10km = 3	*overall svy: tab totdv_ru_d_cat,obs count format(%12.2gc) svy: tab totdv_ru_d_cat,ci format(%10.3gc) *SES foreach var of varlist state strata sex age group ethnic 7 citizen marital_status education occupation2 hincomegrp hhincome_quintile quintile (svy: tab `var' totdv_ru_d_cat, obs count format(%12.2gc) svy: tab `var' totdv_ru_d_cat, ci format(%10.3f)row)
Travelling time to go to government oral healthcare facilities in the last 12 months	totgdv_t_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Travel time to government oral healthcare facility • <30 minutes =1 • 30-60 minutes =2 • >60 minutes =3	*overall svy: tab totgdv_t_cat, obs count format(%12.4gc) svy: tab totgdv_t_cat, ci format(%12.3f) *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile (svy: tab `var' totgdv_t_cat, obs count format(%12.2gc) svy: tab `var' totgdv_t_cat, ci format(%10.3f)row)
Travelling time to go to private oral healthcare facilities in the last 12 months	totpdv_t_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education	weight_final	Travel time to private oral healthcare facility • <30 minutes =1 • 30-60 minutes =2 • >60 minutes =3	*overall svy: tab totpdv_t_cat, obs count format(%12.4gc) svy: tab totpdv_t_cat, ci format(%12.3f) *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hincomegrp hhincome_quintile quintile

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
	• occupation2 • hhincomegrp • hhincome_quintile • quintile			(svy: tab `var' totpdv_t_cat, obs count format(%12.2gc) svy: tab `var' totpdv_t_cat, ci format(%10.3f)row)
Travelling time to go to urban oral healthcare facilities in the last 12 months	totdv_urb_t_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Travel time to urban oral healthcare facility • <30 minutes =1 • 30-60 minutes =2 • >60 minutes =3	*overall svy: tab totdv_urb_t_cat,obs count format(%12.2gc) svy: tab totdv_urb_t_cat,ci format(%10.3gc) *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hincomegrp hhincome_quintile quintile (svy: tab `var' totdv_urb_t_cat, obs count format(%12.2gc) svy: tab `var' totdv_urb_t_cat, ci format(%10.3f)row)
Travelling time to go to rural oral healthcare facilities in the last 12 months	totdv_ru_t_cat • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Travel time to rural oral healthcare facility • <30 minutes =1 • 30-60 minutes =2 • >60 minutes =3	*overall svy: tab totdv_ru_t_cat,obs count format(%12.2gc) svy: tab totdv_ru_t_cat,ci format(%10.3gc) *SES foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrp hhincome_quintile quintile (svy: tab `var' totdv_ru_t, obs count format(%12.2gc) svy: tab `var' totdv_ru_t, ci format(%10.3f)row)
Mode of transport to government and private out-patient healthcare facilities in the last 12 months by sector	govdv_car, pridv_car • car govdv_motor, pridv_motor • motor govdv_bi, pridv_bi • bicycle govdv_boat, pridv_boat • boat Govdv_rent, pridv_rent • rented/public	weight_final	Mode of transport used to the government and private oral healthcare facility B3600(mode of transport) • car = 1 • motorcycle = 2 • bicycle = 3 • boat = 4	• Mode of transport to government svy: tab modegov, obs count format(%12.3gc) svy: tab modegov, ci format(%12.3f) svy: tab modegovall, obs count format(%12.3gc) svy: tab modegovall, ci format(%12.3f) • Mode of transport to private svy: tab modepri, obs count format(%12.3gc)

Variable name	Variable in STATA	Weight	Definition in Variable	STATA variable definition
	govdv_walk, pridv_walk • walking Govdv_amb, pridv_amb • ambulance govdv_oth, pridv_oth • other		• rented/public transport = 5 • walking = 6 • ambulance = 7 • other = 8	svy: tab modepri, ci format(%12.3f) svy: tab modepriall, obs count format(%12.3gc) svy: tab modepriall, ci format(%12.3f)
Mode of transport to urban and rural out-patient healthcare facilities in the last 12 months by location	rural_dv_car, urban_dv_car • car rural_motor, urban_motor • motor rural_dv_bi, urban_dv_bi • bicycle rural_boat, urban_boat • boat rural_dv_rent, urban_dv_rent • rented/public rural_walk, urban_walk • walking rural_dv_amb, urban_dv_amb • ambulance rural_oth, urban_oth • other	weight_final	Mode of transport used to the urban and rural oral healthcare facility B3600(mode of transport): • car = 1 • motorcycle = 2 • bicycle = 3 • boat = 4 • rented/public transport = 5 • walking = 6 • ambulance = 7 • other = 8	• Mode of transport in urban area svy: tab modeurb, obs count format(%12.3gc) svy: tab modeurb, ci format(%12.3f) svy: tab modeurball, obs count format(%12.3gc) svy: tab modeurball, ci format(%12.3f) • Mode of transport in rural area svy: tab moderur, obs count format(%12.3gc) svy: tab moderur, ci format(%12.3f) svy: tab moderurall, obs count format(%12.3gc) svy: tab moderurall, ci format(%12.3f)

Topic V

HEALTHCARE EXPENDITURE

5. HEALTHCARE EXPENDITURE

5.1 GENERAL OBJECTIVE

To estimate the total household out-of-pocket (OOP) health expenditure.

5.2 SPECIFIC OBJECTIVES

1. To determine the average monthly household spending.
2. To identify sources of out-of-pocket payment for healthcare.
3. To determine sources of financial coverage for healthcare.
4. To determine the quantum and the distribution of household out-of-pocket expenditure on in-patient, out-patient and oral healthcare by demographic and socio-economic factors.

Total OOP health expenditure includes direct out-of-pocket payment for in-patient, out-patient and oral healthcare

1. In-patient OOP health expenditure:
   - Total money paid for all admissions in the past 12 months.
2. Out-patient OOP health expenditure:
   - Total money paid for all out-patient visits in the past 2 weeks and annualised to obtain annual OOP health expenditure on out-patient care.
3. Oral health OOP health expenditure:
   - Total money paid for all visits to oral healthcare providers in the past 12 months.
4. Annual per capita OOP health expenditure:
   - Obtained by dividing total OOP health expenditure to total estimated population.
5. Annual average OOP health expenditure for those who utilised health services:
   - Determined by dividing OOP health expenditure to those who utilised health services.

5.3 FINDINGS

5.3.1 Household Spending

Average overall household monthly spending was RM1,946.00 (SD, RM2,465.00) with a median of RM1,500.00 (IQR, RM800 - RM2,500). Household expenditures were mainly for food (mean, RM627.00; SD, RM699.00) and utilities (mean, RM363.00; SD, RM599.00). Monthly health expenditure was estimated at RM89.00 (SD, RM689.00) **(Table 5.1**), made up about 4.6% of total household monthly spending.

5.3.2 Household Financial Sources to Pay for Health

The primary financial source in paying any form of healthcare was from the household's income (90.5%). Almost half of population (44.3%) said payment was made using household savings. Majority (75.1%) of Orang Asli used savings as a mean to pay for healthcare. The use of insurance imbursement to pay for healthcare was reported in 13.8% of the population; the highest was in household income group of RM10,000 and above at 32.5% (**Table 5.2**). 25.8% of the Chinese reported 'insurance reimbursement' as source for healthcare payment. The poorest 20% of household income quintile reported highest percentage (30.7%) of using their family/friends as source for healthcare payment.

5.3.3 Usual Payer Who Would Pay for Healthcare

On the individual level, 85.5% (95% CI, 84.4 - 86.5) reported "themselves/ family/ household member" as usual payer for healthcare. Personal health insurance, employer/panel clinic and government contributed to 22.3% (95% CI, 21.0 - 23.0), 16.9% (95% CI, 15.8 - 18.1) and 14.7% (95% CI, 13.6 - 15.9) respectively (**Table 5.3** and **Table 5.4**).

In contrast to rural area, urban area showed significantly higher proportion for employer/panel clinic (19.3%; 95% CI, 17.9 - 20.7), personal health insurance (26.7%; 95% CI, 24.9 - 28.6), government (15.4%; 95% CI, 14.1 - 16.9) and employer-sponsored insurance (12.1%; 95% CI, 11.1 - 13.2) as the usual payer. Among age groups, respondents aged 45 - 49 years had the highest proportion (31.1%; 95% CI, 28.0 - 34.4) for having personal health insurance and almost half (48.0%; 95% CI, 45.0 - 51.1) of the Chinese reported personal health insurance as the usual payer for healthcare. Those categorised as "other ethnicity" showed higher proportion for employer/panel clinic (25.4%; 95% CI, 20.0 - 31.7).

In terms of occupation, private employees had higher proportion for employer/panel clinic (38.0%; 95% CI, 35.8 - 40.2) and personal health insurance (27.4%; 95% CI, 25.2 - 29.8). The government or semi-government employee had the largest proportion of personal health insurance (39.1% ; 95% CI, 36.1 - 42.2).

From household income quintiles perspective, the richest quintile (Q5) had higher proportion of employer/panel clinic (25.5%; 95% CI, 23.3 - 27.8) and personal health insurance (40.3%; 95% CI, 37.8 - 42.8) as compared to other socioeconomic groups.

5.3.4 Financial Coverage for Health

The largest proportion for financial coverage for healthcare was by private personal health insurance (23.7%; 95% CI, 22.3 - 25.0), followed by government guarantee letter (GL) (17.7%; 95% CI, 16.4 - 19.1) and employer sponsored insurance (15.0%; 95% CI, 14.0 - 16.0) (**Table 5.5**).

Wilayah Persekutuan Putrajaya showed the highest proportion in using government GL (89.4%; 95% CI, 84.1 - 93.0). Two major industry-based states namely Wilayah Persekutuan Kuala Lumpur and Selangor showed higher population coverage for employer-sponsored insurance with 21.9% (95% CI, 17.4 - 27.1) and 24.1 (95% CI, 21.5 - 26.9) respectively. In addition, Pulau Pinang showed the highest percentage of 37.5% (95% CI, 29.5 - 46.2) for private personal

health insurance followed by the two industry-based states with 33.0% (95% CI, 25.6 - 41.4) and 35.5% (95% CI, 31.6 - 39.7) respectively.

Government GL mostly covered those aged 70-74 years old (25.2%, 95% Cl; 19.9 - 31.3). Whereas employer sponsored insurance (23.9%; 95% Cl; 21.1 - 26.9) and private personal health insurance (33.6%, 95% Cl; 30.3 - 37.0) covered those in younger age groups which were 25 - 39 and 45 - 49 years old respectively.

The Malays had the highest proportion of financial coverage by government GL (26.5%; 95% CI, 24.6 - 28.5). Employer–sponsored insurance covered 16.6% (95% CI, 14.0 - 19.6) of the Indian population whereas the Chinese had the highest proportion (49.5%; 95% CI, 46.4 - 52.6) of personal private health insurance coverage.

Those with tertiary education as their highest education level attained had the highest proportion of coverage by government GL, employer-sponsored insurance and private personal health insurance at 28.1% (95%CI, 25.8 - 30.5), 29.9% (95% CI, 27.6 - 32.3) and 44.9% (95% CI, 42.3 - 47.6) respectively as compared to the other educational level.

As expected, government employees were mostly covered by government GL (80.2%; 95% CI, 77.3 - 82.7), however they also indicated to have the highest proportion of having personal health insurance (42.0%; 95% CI, 38.9 - 45.1).

5.3.5 Out-of-Pocket Expenditure for Healthcare

5.3.5.1 Out-of-Pocket Health Expenditure

Total OOP health expenditure for the whole population (estimated at 29,374,436 people in 2015) was estimated at RM11,683 million. The per capita OOP health expenditure for Malaysia was estimated to be RM397.74 (95% CI, RM26.94 – RM768.53) (**Table 5.6**).

Melaka has the highest per capita OOP spending with a mean of RM6,678.69 (95% CI, RM0 – RM19,693.37) in contrast to Kelantan with only RM61.92 (95% CI, RM21.78 – RM102.06).

There was higher OOP spending among the Malays (RM521.33; 95% CI, RM0 - RM1,223.50) compared to other ethnic groups, as well as for those with tertiary education as their highest education attainment with RM1,381.00 (95% CI, RM0 – RM3,419.59).

Households with household income of RM10,000 and above indicated the highest OOP spending with RM2,699.53 (95% CI, RM0 – RM6,984.60). In terms of occupation, government employees showed higher OOP spending, estimated about RM3,068.61 (95% CI, RM0 – RM8,666.54). The population in poorest household income quintile (Q1) spent on average of RM238.82 (95% CI, RM56.73 - RM420.91) for health expenditure which was higher compared to other quintiles except quintile 5 (richest).

5.3.5.2 In-patient Care

The total OOP health expenditure for in-patient for the whole population was estimated at RM2,404 million (**Table 5.8)** and the per capita OOP spending was RM81.84 (95% CI, RM56.35 – RM107.34).

Highest per capita OOP health spending was reflected by population in Negeri Sembilan at RM155.51 (95% Cl, RM63.19 – RM247.83). Urban population showed slightly higher in-patient care's per capita OOP spending (RM83.58; 95% CI, RM64.22 – RM102.94) compare to the rural population (RM76.58; 95%Cl, RM0 – RM160.75). Per capita OOP spending among male population was RM85.92 (95% CI, RM42.01 – RM129.83) slightly higher than female per capita OOP spending of RM77.50 (95% CI, RM52.70 – RM102.29). Population of 70-74 years old paid more than the other age groups (RM251.28; 95% CI, RM11.11 – RM491.44). The Bumiputera Sarawak showed higher per capita OOP expenditure compare to the other ethnics (RM211.81; 95% CI, RM0 - RM616.09). Married population on average spent RM135.81 (95% CI, RM81.68 – RM189.93). Population who has tertiary education as their highest education paid more than others (RM160.89; 95% CI, RM117.21 - RM204.56). In terms of occupation, retiree spent more than others for hospitalization (RM288.21; 95% CI, RM68.25 – RM508.17). Household with their household income less than RM1,000 and the poorest 20% of the population showed higher per capita OOP spending with a mean of RM133.75 (95% CI, RM0 - RM286.26) and RM155.14 (95% CI, RM0 – RM333.16) respectively.

Total OOP health expenditure among those who had in-patient care for the last 12 months is shown in **Table 5.9.** Sarawak exhibited the highest OOP health expenditure with a mean of RM2,455.72 (95% Cl, RM0 – RM6,265.70). Population aged 45-49 years spent highest with RM2,886.05 (95% Cl, RM0 – RM5,846.76). Orang Asli spent the lowest OOP with RM13.16 (95% Cl, RM7.24 - RM19.08). Married people spent the highest at RM1,361.88 (95% Cl, RM838.13 - RM1,885.62). There was no large difference observed in terms of OOP spending across household income groups. Poorest socioeconomic population spent on average of RM1,857.83 (95% Cl, RM0 – RM3,905.6) compared to the richest quintile RM1,262.08 (95% Cl, RM957.88 - RM1,556.28).

5.3.5.2.1 Out-of-Pocket Health Expenditure to Government Health Facilities for In-patient Care by sociodemographic

The sum of OOP expenditure for in-patients in government health facilities was estimated at RM935 million. The per capita OOP spending was RM31.83 (95% Cl, RM8.57 – RM55.09) as shown in **Table 5.10**. Rural population per capita OOP spending was doubled (RM54.10; 95% Cl, RM0 – RM137.46) compared to the urban (RM24.47; 95% Cl, RM10.55 - RM38.40). Population at 30-34 years age group showed the highest per capita OOP spending of RM131.15 (95% Cl, RM0 - RM361.56) for in-patient care. Bumiputera Sarawak paid the highest per capita OOP in government health facilities with RM211.81 (95% Cl, RM0 – RM616.09) to

government health facilities at a total of RM334 million. Unemployed exhibited the highest per capita OOP expenditure in government health facilities of RM135.85 (95% CI, RM0 – RM318.07). Household income with less than RM1,000 spent a high per capita OOP at RM100.43 (95% CI, RM0 - RM251.68) which was parallel with the poorest population quintile that spent more for in-patient care at about RM116.21 (95% CI, RM0 - RM292.82).

Table 5.11 shows the total OOP health expenditure among those who used out-patient care in government health facilities in last 2 weeks. Population in Sarawak had the highest OOP spending on an average of RM2,290.16 (95% CI, RM0 - RM6,118.32) and average OOP expenditure for rural population was doubled (RM721.95; 95% CI, RM0 – RM1,809.17) as compared to urban population (RM319.22 (95% CI, RM136.84 – RM501.60). Male spent higher OOP than female population average of RM584.44 (95% CI, RM0 – RM1,215.27) and RM289.17 (95% CI, RM69.46- RM508.89) respectively. In terms of occupation, unemployed population exhibited highest OOP spending on average of RM1,123.30 (95% CI, RM0 – RM2,634.52) as well as for the household income of RM1,000 and below at a mean of RM1,201.49 (95% CI, RM0 – RM2,966.51).

5.3.5.2.2 Out-of-Pocket Health Expenditure to Private Health Facilities for In-patient Care by sociodemographic

Out-of-pocket health expenditure to private health facilities for in-patient care is shown in **Table 5.12**. On average, population in Negeri Sembilan had the highest per capita total OOP for private health facilities at RM145.40 (95% CI, RM55.40 - RM235.41). The Chinese spent more at RM93.52 (95% CI, RM55.36 – RM131.68) for seeking care from private healthcare providers. Population with tertiary education (RM127.43; 95% CI, RM88.19 - RM166.67) and household income group of RM10,000 and above (RM114.33; 95% CI, RM63.82 – RM164.83) spent most in their respective categories. Urban population had higher spending (RM59.11; 95% CI, RM45.07 - RM73.15) as compared to the rural population (RM22.48; 95% CI, RM10.38 - RM34.58). Per capita OOP spending among female population was RM51.76 (95% CI, RM36.11 - RM67.41) which was slightly higher than male per capita OOP spending of RM48.37 (95% CI, RM33.16 – RM63.58). Population aged 70-74 years old had higher per capita OOP than the other age groups, estimated at RM213.91 (95% CI, RM0 - RM446.65). Married individual spent RM76.44 (95% CI, RM56.97 – RM95.90) for in-patient care.

In contrast to Sarawak population who spent more in government health facilities (RM2,290.16; 95% CI, RM0 - RM6,118.32) among those who utilised in-patient care, population in Negeri Sembilan spent more in private health facilities with an average of RM1,470.09 (95% CI, RM630.59 – RM2,309.58) (**Table 5.13).** Interestingly, population aged 70-74 years old spent the most at RM1,519.27 (95% CI, RM0 – RM3,194.77). There was no distinctive pattern of

total OOP spending among unmarried, married and widow/widower/divorcee. Highest spending was observed among those who attained tertiary education with RM1,209.44 (95% Cl, RM861.15 - RM1,557.73) and the richest 20% of the household income quintile with RM1,016.43 (95% Cl, RM745.58 – RM1,287.28).

5.3.5.3 Oral Healthcare

Table 5.14 presents annual out-of-pocket expenditure (OOPE) for oral healthcare care. Total OOPE for oral healthcare for the whole population was estimated at RM401.2 million and the annual per capita OOPHE for oral healthcare was estimated to be RM13.66 (95% CI, RM10.95 - RM16.37).

The annual per capita OOPE for oral healthcare varied greatly by sociodemographic characteristics. It was highest in WP Putrajaya (RM30.15; 95% CI, RM0 - RM70.50) and lowest in Pahang (RM2.65; 95% CI, RM1.56 - RM3.73). The urban population per capita OOPE for oral healthcare was RM16.86 (95% CI, RM13.26 - RM20.47) compared to RM3.97 (95% CI, RM3.12 - RM4.82) for the rural population. The population aged 60-64 years old had the highest per capita OOP spending estimated at RM34.14 (95% CI, RM0 - RM83.39) compared with children aged 0-4 years old had the lowest (RM0.37; 95% CI, RM0.11 – RM0.63). The Chinese spent the most for oral healthcare annually with an average of RM22.43 (95% CI, RM15.64 – RM29.22) while the Orang Asli spent the least per capita OOP with RM0.02 (95% CI, RM0 – RM0.05). Population who has tertiary education as their highest education paid higher per capita OOP for oral healthcare with RM39.15 (95% CI, RM27.38 – RM50.91) compared to the population who had no formal education with only RM1.32 (95% CI, RM0.71 - RM1.93). Retiree had the highest per capita OOP expenditure at RM58.27 (95% CI, RM0 – RM135.12) compared to the unemployed (RM4.71; 95% CI, RM2.75 – RM6.66). Female spent slightly more per capita OOP with RM14.93 (95% CI, RM11.78 – RM18.09) compared to male (RM12.47; 95% CI, RM8.55 – RM16.38).

Household with household income of RM10,000 and above had the highest annual per capita OOP expenditure for oral healthcare with RM47.64 (95% CI, RM27.22 – RM68.07) while household with household income between RM1,000 to RM1,999 had the lowest (RM4.26; 95% CI, RM2.68 - RM5.84). The richest 20% from the household income quintile had the highest spending with per capita of RM27.29 (95% CI, RM20.01 – RM34.58). The second poorest 20% of household quintiles had the lowest, with per capita OOP of RM4.08 (95% CI, RM2.56 - RM5.60).

5.3.5.3.1 Out-of-Pocket Health Expenditure to Government Health Facilities for Oral Healthcare by sociodemographic

Annual total OOP health expenditure for oral healthcare in public sector was estimated at RM43.2 million (**Table 5.16**) with annual per capita OOP for oral healthcare of RM1.47 (95% CI, RM0.70 - RM2.24). There was a small variation in annual per capita OOP health expenditure for using oral healthcare services in public facilities. Pulau Pinang showed highest per capita OOP spending of

RM4.39 (95% CI, RM0 - RM11.89) as compared to Kedah which had the lowest spending with the per capita OOP of RM0.23 (95% CI, RM0.01 - RM0.45). Urban population spent slightly higher than rural population on per capita OOP of RM1.66 (95% CI, RM0.64 - RM2.68). As opposed, those who were married spent slightly lower than those who were single at RM1.44 (95% CI, RM0.22 - RM2.65). In occupational sector, the highest spending of per capita OOP were students for RM4.06 (95% CI, RM0 - RM8.46) in contrast with retirees who had the least spending for per capita OOP at RM0.62 (95% CI: RM0 - RM1.35).

As observed, a similar trend was also displayed by OOP expenditure among those who utilised government oral healthcare in the past 12 months. The average OOP expenditure for those utilised oral healthcare in government facilities was RM5.30 (95% CI, RM2.55 - RM8.04) (**Table 5.17**). Male having slightly higher mean OOP spending at RM5.52 (95% CI, RM0.871 - RM10.17) as compared with female (RM5.10; 95% CI, RM1.91 - RM8.28). On the other hand, Indian had the highest spending at government oral health facilities, at an average of RM11.00 (95% CI, RM2.63 - RM19.37). People with tertiary education level spent the highest at RM13.55 (95% CI, RM0.77 - RM26.33) compared to other educational background. Those from the third household income quintile (Q3) spent the most for using government oral healthcare facilities on average of RM9.16 (95% CI, RM0 - RM19.77).

5.3.5.3.2 Out-of-Pocket Health Expenditure to Private Health Facilities for Dental Care by sociodemographic

Total OOP expenditure for oral healthcare in private sector was estimated at RM358 million yearly and the annual per capita OOPE for oral healthcare in private sector was estimated to be RM12.19 (95% CI, RM9.58 - RM14.79) as shown in **Table 5.18.** There were great variations in OOPE for oral healthcare in private facilities. The urban population had higher per capita OOP spending estimated at RM15.20 (95% CI, RM11.74 – RM18.66) compared to RM3.07 (95% CI, RM2.32 – RM3.82) for rural population. The population aged 60-64 years old had the highest per capita OOP estimated at RM33.46 (95% CI, RM0 – RM82.70) while children aged 0-4 years old had the lowest (RM0.33; 95% CI, RM0.07 - RM0.59). The Chinese paid the most for private sector oral healthcare with an average of RM19.72 (95% CI, RM13.63 – RM25.81). Population who has tertiary education as their highest education spent the most (RM35.62; 95% CI, RM24.40 - RM46.84) while population who had no formal education spent the least (RM0.75; 95% CI, RM0.28 – RM1.23). Retiree had the highest expenditure (RM57.65; 95% CI, RM0 – RM134.50) compared to the unemployed (RM3.53; 95% CI, RM1.76 – RM5.30).

Household with household income of RM10,000 and above had the highest annual per capita OOP for oral health expenditure with an average of RM46.18

(95% CI, RM25.75 – RM66.61) in contrast with household income between RM2,000 to RM2,999 which had the lowest (RM3.41; 95% CI, RM2.40 – RM4.43). The richest 20% of household income quintiles had the highest spending per capita OOP with RM25.38 (95% CI, RM18.26 – RM32.50). The second poorest 20% of household income quintiles had the lowest with RM3.45 (95% CI, RM2.01 – RM4.89).

In addition, **Table 5.19** shows annual OOPE among those who had used oral healthcare in private facilities in the preceding 12 months. There was considerable variation on average of OOPE among those who used oral health services in private facilities annually. It was highest in WP Putrajaya (RM103.01; 95% CI, RM0 - RM240.30) and lowest in Pahang (RM8.07; 95% CI, RM4.44 - RM11.69). The urban population spent on average of RM54.45 (95% CI, RM42.27 – RM66.62) compared to RM11.20 (95% CI, RM8.53 - RM13.87) for the rural population. The population aged 60-64 years old had the highest spending on average estimated at RM297.29 (95% CI, RM0 – RM734.68) in contrast with children aged 0-4 years old had the lowest (RM4.69; 95% CI, RM1.20 – RM8.19). The Chinese spent the most with an average of RM78.64 (95% CI, RM55.63 – RM101.64) while the Orang Asli spent the least (RM0.00). Population who has tertiary education as their highest education paid the most (RM136.69; 95% CI, RM94.79 - RM178.59) while population who had no formal education paid the least (RM9.21; 95% CI, RM3.51 - RM14.92). Retiree had the highest spending wih RM361.40 (95% CI, RM0 – RM838.63) compared to the unemployed (RM24.56; 95% CI, RM12.51 – RM36.61). On the contrary to other demographic and socio-economic factors, male and female spent about the same, RM43.50 (95% CI: RM28.94 - RM58.06) and RM44.16 (95% CI: RM34.32 – RM54.01) respectively.

5.3.5.4 Out-patient Care

The Malaysian population spent a total of RM8,877 million out-of-pocket for out-patient care (**Table 5.20**) with an average of RM302.24 (95% CI: RM0 – RM672.13) per capita spending. Melaka was the state with highest per capita OOP spending with RM6,632.79 (95% CI, RM0 – RM19,776.72). It was also noted that the urban population spent three times larger than rural population at RM356.42 (95% CI, RM0 – RM847). The population aged 45-49 years old had higher per capita OOP spending at RM3,412.76 (95% CI, RM0 – RM9,833.55). In contrast with in-patient and oral healthcare, the Malay had higher per capita OOP spending (RM446.31; 95% CI, RM0 – RM1,148.75) for out-patient care. Based on occupation, the government or semi-government has higher per capita OOP spending with RM2,966.71 (95% CI, RM0 – RM8,566.68). Whereas for household income group of RM10,000 and above and the richest 20% (Q5) showed higher out-patient per capita OOP spending with RM2,531.09 (95% CI, RM0 – RM6,815.96) and RM838.78 (95% CI, RM0 - RM2,139.40) respectively.

5.3.5.4.1 Out-of-Pocket Health Expenditure to Government Health Facilities for Out-patient Care by sociodemographic

The Malaysian population spent a total of RM899 million out-of-pocket for out-patient care at government facilities (**Table 5.22**) with an average of RM30.63 (95% CI, RM1.25 - RM60.01). Kedah had the highest per capita OOP spending compared to the other states with RM219.12 (95% CI, RM0 – RM646.37). The spending significantly differed between rural and urban area with per capita OOP RM74.01 (95% CI, RM0 - RM189.31) and RM16.29 (95% CI, RM7.55 – RM25.03) respectively. Bumiputera Sabah showed to be the highest spending group compare to others with per capita OOP of RM49.18 (95% CI, RM8.99 - RM89.36).

It was also noted that, per capita OOP spending for married individual was higher compare to other status with RM50.25 (95% CI, RM0 – RM114.13). The spending for out-patient care of government health facilities also was higher among people with secondary education as their highest educational achievements, with per capita OOP of RM47.00 (95% CI, RM0 – RM125.30) as compare with those who had only primary educational (RM10.85; 95% CI, RM4.34 – RM17.35). Per capita OOP for government/ semi-government employees was slightly higher compare to the private employee (RM65.93; 95% CI, RM0 – RM149.62) as compare with (RM60.39; 95% CI, RM0 - RM163.33).

Among those who had out-patient care in the last 2 weeks, the average OOP spending was RM339.29 (95% CI, RM14.35 - RM664.23) (**Table 5.23**). Household with income between of RM2,000 - RM2,999 was the highest spending group with an average of RM1,092.64 (95% CI, RM0 - RM2,949.83) as compare with others. The population in the third quintile (Q3) for household income quintiles reported to spend the highest on average of RM882.99 (95% CI, RM0 - RM2,367.61).

5.3.5.4.2 Out-of-Pocket Health Expenditure to Private Health Facilities for Out-patient Care by sociodemographic

For out-patient care in private health facilities (**Table 5.24**), it is estimated that Malaysian population overall expenditure was RM7,978 million with per capita OOP of RM271.61 (95% CI, RM0 – RM640.33). Melaka showed the highest spending with RM6,620.80 (95% CI, RM0 - RM19,765.26). Those who lived in urban areas had higher per capita OOP spending compared to those in the rural areas (RM64.28; 95% CI, 29.98 - 98.58). Malays appeared to have the highest per capita OOP spending with RM407.54 (95% CI, RM0 - RM1,107.74). Those who received tertiary education as their highest education attainment showed the highest per capita OOP spending with RM1,141.15 (95% CI, RM0 - RM3,179.76).

For occupational sector, government or semi-government hold the highest per capita OOP spending group compared to other occupational background at

RM2,900.78 (95% CI, RM0 - RM8,500) followed by private with RM135.79 (95% CI, RM25 - RM246.57). As expected, for household income quintiles those who were in the richest quintile (Q5) reported the highest spending with RM821.60 (95% CI, RM0 – RM2,122.09).

Referring to the total OOP health expenditure for private health facilities among those who had out-patient care (**Table 5.25**), the average spending estimated at RM3,008.97 (95% CI, RM0 – RM296.28). While others socio demographic characteristics exhibited the same pattern as per capita OOP spending whereby Melaka, urban area, Malay ethnics, people with tertiary education, government or semi government remained the highest spending group.

5.4 CONCLUSION

Average overall household monthly spending was RM1,946.00, of which, about 4.6% (RM89.00) was expenditure for health. Majority (85.5%) of the individuals had paid for their own for health care by themselves, or through family or other household members. The main financial coverage for healthcare was private personal health insurance, followed by government guarantee letter and employer sponsored insurance.

The main source to pay for health is still 'current income'. In term of financial coverage for health, the findings for government guarantee letter, employer-sponsored insurance and private personal health insurance did not differ much compared with NHMS 2011 with 18%, 15% and 24% coverage respectively.

Overall per capita OOP health expenditure was RM398. More than two-third of OOP health expenditure was spent on outpatient care with per capita spending of RM302.24. However, most of these spending were for private out-patient facilities. The rest of the spending 20% and 3% were for in-patient and oral health services respectively.

5.5 RECOMMENDATIONS

Malaysia is blessed to have a public health service that offers health services at a very minimum cost. However, the populations also have an option to seek care in the private sector. This survey gives the best estimate of health expenditure in both sectors.

Even with almost free public health services, there is still some OOP expenditure that is being made by the poorest households in Malaysia for in-patient care in private facilities. This survey is not designed to answer why this is happening but it was intended to provide a baseline for more extensive work.

Further analysis is needed to analyse the factors affecting choices of care that is usually not dependent on ability to pay alone. It needed to be link with the burden of disease, utilisation and their perception towards the healthcare systems in terms of quality and convenience.

5.6 TABLES OF FINDINGS

Table 5.1: Household expenditure

Type of Expenditure	Mean	SD	Median	IQR	Count[1]	Estimated Population[2]
MALAYSIA	**1,946.00**	**2,465.00**	**1,500.00**	**800 - 2500**	**29,154**	**29,056,957**
Food	627.00	699.00	500.00	300 - 800	29,154	29,046,285
Utilities	363.00	599.00	200.00	100 - 400	29,154	29,067,820
Educational fee	224.00	499.00	80.00	0 - 300	29,154	29,013,526
Healthcare cost	89.00	689.00	0.00	0 - 75	29,154	29,180,646
Insurance premiums	128.00	494.00	0.00	0 - 12	29,154	29,144,801
Others	311.00	2,690.00	100.00	0 - 300	29,154	29,031,034

Notes:

1. Any case with missing value was excluded from the analysis
2. SD=standard deviation, IQR=inter quartile range

Table 5.2: Source of payment for health

Sociodemographic Characteristics	Current Income (%)	Savings (%)	Insurance Reimbursement (%)	Sold Items (%)	Family Members / Friends (%)	Borrowed From Bank / Money Lender (%)	Others (%)
MALAYSIA	**90.5**	**44.3**	**13.8**	**0.5**	**13.8**	**1.5**	**4.6**
State							
Johor	93.7	42.3	12.6	0.0	11.5	0.3	5.5
Kedah	86.0	46.4	12.4	0.0	11.5	3.4	10.0
Kelantan	83.3	20.6	7.7	0.6	28.7	5.6	2.8
Melaka	92.6	61.3	15.4	0.1	19.1	0.2	12.0
Negeri Sembilan	89.3	65.9	13.3	0.4	17.1	0.0	2.9
Pahang	88.9	59.3	12.6	2.7	10.7	2.0	13.7
Pulau Pinang	97.0	65.1	24.2	0.3	19.1	0.1	3.1
Perak	85.3	50.7	16.6	0.2	21.1	0.3	5.3
Perlis	91.4	32.5	6.6	0.0	26.7	0.1	9.1
Selangor	91.1	36.8	23.1	0.9	8.7	3.5	3.3
Terengganu	95.8	43.0	2.9	0.0	6.1	0.0	0.6
Sabah & WP Labuan	94.6	35.6	6.4	0.2	13.5	0.2	2.7
Sarawak	86.9	57.0	7.0	0.6	9.6	0.6	2.1
WP Kuala Lumpur	88.8	32.3	13.9	1.0	18.6	1.2	1.3
WP Putrajaya	99.6	19.0	2.2	0.0	1.4	0.0	0.1
Location							
Urban	90.9	44.3	16.8	0.5	13	1.9	4.8
Rural	89.3	44.5	4.8	0.5	16.4	0.6	3.7
Sex							
Male	90.6	44.4	13.7	0.5	13.2	1.6	4.4
Female	90.3	44.2	14	0.5	14.5	1.5	4.7
Age Group							
0 - 4	92.0	44.7	16.0	0.4	11.6	1.4	4.4
5 - 9	92.2	44.7	14.6	0.4	9.0	1.3	4.9
10 - 14	92.1	43.4	14.9	0.5	10.0	2.2	4.5
15 - 19	91.6	46.3	12.5	0.6	13.3	2.0	3.8
20 - 24	88.6	42.8	10.1	0.5	17.4	1.5	4.7
25 - 29	89.4	41.2	12.1	1.2	13.6	1.2	5.4
30 - 34	90.9	44.2	15.2	0.3	12.5	1.2	3.9
35 - 39	92.3	42.8	17.1	0.4	8.0	1.7	4.5
40 - 44	92.5	42.4	16.2	0.4	7.3	1.2	4.5

Sociodemographic Characteristics	Current Income (%)	Savings (%)	Insurance Reimbursement (%)	Sold Items (%)	Family Members / Friends (%)	Borrowed From Bank / Money Lender (%)	Others (%)
MALAYSIA	**90.5**	**44.3**	**13.8**	**0.5**	**13.8**	**1.5**	**4.6**
50 - 54	91.7	46.1	14.3	0.9	15.4	2.5	3.5
55 - 59	90.5	46.5	11.7	0.5	20.0	1.5	4.5
60 - 64	86.4	48.5	11.0	0.1	28.8	0.6	5.4
65 - 69	81.6	47.1	9.5	0.7	32.0	1.3	6.1
70 - 74	75.6	46.2	10.0	0.0	31.0	0.4	4.8
75+	79.6	46.0	9.5	0.2	34.2	0.7	5.7
Ethnicity[3]							
Malay	89.7	45.0	11.0	0.4	14.2	1.8	5.5
Chinese	91.6	46.0	25.8	0.7	15.5	1.4	3.5
Indian	95.0	45.5	20.1	1.9	12.9	2.1	3.3
Bumiputera Sabah	96.1	36.7	6.7	0.4	17.1	0.5	1.5
Bumiputera Sarawak	87.6	54.7	4.3	0.0	7.6	0.8	1.5
Orang Asli	97.9	75.1	6.8	4.6	7.6	7.3	9.7
Others	87.0	34.6	7.2	0.4	9.9	0.9	5.8
Citizenship							
Malaysian	90.9	45.2	14.3	0.6	14.3	1.6	4.6
Non Malaysian	85.5	33.6	8.2	0.3	9.1	0.8	4.3
Marital status[1]							
Never married	89.7	43.4	12.5	0.7	15.1	1.7	4.5
Married	91.0	44.9	14.3	0.5	13.6	1.5	4.4
Widow/Widower/Divorcee	83.2	44.2	9.9	0.7	24.7	1.2	5.6
Education level[1]							
No formal education	87.1	38.7	9.5	0.4	17.9	0.7	3.3
Primary	90.7	44.6	11.6	0.5	14.6	1.6	4.3
Secondary	90.9	44.6	12.6	0.5	13.3	1.4	4.4
Tertiary	89.7	45.5	20.9	0.7	13.9	2.4	5.1
Unclassified	90.6	37.9	11.3	0.8	13.1	0.7	5.9
Occupation[1]							
Government/Semi-government employee	89.6	46.1	18.9	0.5	9.4	2.6	5.7
Private employee	90.8	40.6	14.7	0.7	10.9	1.6	5.1
Self-employed	94.4	45.5	9.7	0.5	14.3	1.1	2.8
Unpaid worker/homemaker	91.0	47.4	13.1	0.6	17.6	1.2	4.4
Retiree	83.5	52.5	10.7	0.0	28.1	0.8	7.0
Unemployed	83.9	45.0	8.8	0.5	24.4	1.1	4.1
Student[2]	89.9	46.6	15.9	0.5	15.0	2.4	4.0

Sociodemographic Characteristics	Current Income (%)	Savings (%)	Insurance Reimbursement (%)	Sold Items (%)	Family Members / Friends (%)	Borrowed From Bank / Money Lender (%)	Others (%)
MALAYSIA	**90.5**	**44.3**	**13.8**	**0.5**	**13.8**	**1.5**	**4.6**
Household Income Group (RM)							
Less than RM1000	81.6	44.2	6.8	0.4	29.0	0.7	3.6
RM1000 – RM1999	89.9	46.0	4.8	0.3	17.0	0.8	4.8
RM2000 – RM2999	93.0	45.7	6.7	0.6	12.0	1.8	3.8
RM3000 – RM3999	92.7	43.5	12.5	0.3	11.3	1.1	4.7
RM4000 – RM4999	93.5	39.2	17.8	0.6	10.8	1.7	5.3
RM5000 – RM5999	92.2	43.0	20.6	1.5	10.9	2.7	5.1
RM6000 – RM6999	92.9	44.8	20.2	0.1	11.7	2.0	6.6
RM7000 – RM7999	93.8	43.8	24.6	0.0	4.7	1.5	4.2
RM8000 – RM8999	92.7	49.2	23.7	0.4	10.3	2.2	4.2
RM9000 – RM10000	90.1	35.6	22.9	0.0	9.2	2.3	6.2
RM10000 and above	88.5	46.5	32.5	1.0	5.6	2.4	4.2
Household Income Quintiles							
Q1 (20% poorest)	80.2	45.9	7.3	0.5	30.7	0.8	3.1
Q2	90.2	44.5	5.1	0.2	17.4	0.8	4.5
Q3	92.4	46.0	7.6	0.6	11.4	1.5	4.2
Q4	93.2	40.9	15.6	0.4	11.4	1.7	5.3
Q5 (20% richest)	91.3	45.0	25.0	0.8	8.5	2.3	4.9
Socioeconomic Quintiles (based on HCD 2011)							
Q1 (20% poorest)	86.4	42.6	4.9	0.5	16.9	1.0	5.0
Q2	91.2	43.7	6.1	0.3	14.9	1.7	4.5
Q3	91.1	45.0	10.1	0.4	13.2	1.0	4.6
Q4	92.2	44.8	17.6	0.8	13.1	2.1	4.4
Q5 (20% richest)	91.6	45.4	30.8	0.7	11.0	2.0	4.3

Notes:

1. [1]Not including "missing", "Don't Know", "Refuse to Answer" & "Not Applicable".
2. [2]"Students" include those who aged >15 years old and not working.

Table 5.3: "Who would usually pay for healthcare?"

Sociodemographic Characteristics	Government					Employer-Sponsored Insurance					Personal Health Insurance				
	Count[1]	Estimated Population[2]	(%)	95% CI		Count[1]	Estimated Population[2]	(%)	95% CI		Count[1]	Estimated Population[2]	(%)	95% CI	
				Lower	Upper				Lower	Upper				Lower	Upper
MALAYSIA	**5,606**	**4,321,283**	**14.7**	**13.6**	**15.9**	**2,281**	**3,051,657**	**10.4**	**9.6**	**11.3**	**5,368**	**6,545,927**	**22.3**	**21.0**	**23.0**
State															
Johor	353	421,504	12.5	9.3	16.5	299	475,508	14.1	10.9	18.0	544	794,066	23.5	19.3	28.3
Kedah	547	601,066	30.6	25.6	36.1	131	144,902	7.4	4.7	11.5	243	296,714	15.1	11.5	19.6
Kelantan	377	302,386	18.5	14.8	22.8	44	39,838	2.4	1.7	3.4	177	146,398	8.9	6.2	12.7
Melaka	372	146,448	17.7	13.5	22.7	102	68,803	8.3	6.1	11.2	321	213,773	25.8	17.3	36.7
Negeri Sembilan	353	167,291	16.7	13.0	21.2	70	41,495	4.1	3.0	5.8	377	255,555	25.5	19.6	32.4
Pahang	235	196,689	12.7	9.3	17.1	179	167,303	10.8	7.5	15.4	284	271,842	17.6	13.6	22.4
Pulau Pinang	228	138,737	8.5	5.6	12.6	162	168,629	10.3	7.3	14.2	536	600,658	36.7	28.6	45.6
Perak	287	334,481	14.2	10.4	19.2	98	138,178	5.9	4.2	8.3	328	528,095	22.5	18.0	27.7
Perlis	647	82,002	34.9	28.6	41.7	41	6,692	2.9	2.0	4.1	210	29,285	12.5	9.1	16.9
Selangor	627	831,688	14.3	11.5	17.5	656	1,084,771	18.6	16.3	21.2	1,176	1,944,312	33.4	29.6	37.5
Terengganu	309	182,307	16.4	12.7	21.0	63	42,463	3.8	2.6	5.7	127	75,836	6.8	4.6	10.1
Sabah & WP Labuan	269	338,283	9.7	7.2	13.0	127	185,063	5.3	4.0	7.0	284	409,983	11.8	8.9	15.5
Sarawak	244	342,633	13.4	9.6	18.4	106	199,041	7.8	5.9	10.3	288	437,639	17.2	14.0	20.9
WP Kuala Lumpur	103	166,542	9.8	6.8	14.0	146	283,402	16.7	13.5	20.6	261	519,416	30.7	23.8	38.5
WP Putrajaya	655	69,226	80.5	75.2	85.0	57	5,569	6.5	4.6	9.0	212	22,355	26.0	21.0	31.8
Location															
Urban	3,551	3,400,326	15.4	14.1	16.9	1,707	2,660,070	12.1	11.1	13.2	4,052	5,883,650	26.7	24.9	28.6
Rural	2,055	920,957	12.7	11.2	14.3	574	391,587	5.4	4.5	6.5	1,316	662,277	9.1	7.8	10.5
Sex															
Male	2,616	2,116,436	14.0	12.8	15.2	1,386	1,923,197	12.7	11.6	13.9	2,708	3,411,927	22.6	21.1	24.1
Female	2,990	2,204,847	15.5	14.3	16.8	895	1,128,460	8.0	7.2	8.8	2,660	3,134,000	22.1	20.6	23.7
Age Group (years)															
0 - 4	542	395,254	15.9	13.8	18.1	89	89,562	3.6	2.6	4.9	456	498,804	20.0	17.6	22.7
5 - 9	447	353,655	14.7	12.5	17.2	91	101,659	4.2	3.2	5.5	477	501,762	20.9	18.3	23.7
10 – 14	426	335,121	13.1	11.2	15.3	69	85,769	3.4	2.5	4.4	420	491,522	19.2	16.8	21.9
15 – 19	265	260,321	9.9	8.4	11.6	52	68,136	2.6	1.9	3.5	309	418,809	16.0	13.8	18.4
20 – 24	174	224,938	7.9	6.5	9.6	230	347,265	12.2	10.2	14.6	306	567,020	20.0	17.2	23.0
25 – 29	385	356,830	12.8	11.0	14.9	351	561,411	20.2	17.5	23.2	475	742,426	26.7	23.8	29.8
30 – 34	469	414,088	15.8	13.5	18.3	311	478,721	18.2	15.8	21.0	574	753,997	28.7	25.8	31.8
35 – 39	328	256,801	12.4	10.4	14.7	300	402,531	19.4	16.9	22.1	514	635,765	30.6	27.6	33.9
40 – 44	293	235,932	12.7	10.7	15.0	233	317,942	17.2	14.8	19.9	451	560,016	30.2	26.9	33.7
45 – 49	339	245,449	14.7	12.5	17.1	220	245,447	14.7	12.5	17.2	486	521,058	31.1	28.0	34.4

Sociodemographic Characteristics	Government					Employer-Sponsored Insurance					Personal Health Insurance				
	Count[1]	Estimated Population[2]	(%)	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	(%)	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	(%)	95% CI Lower	95% CI Upper
MALAYSIA	**5,606**	**4,321,283**	**14.7**	**13.6**	**15.9**	**2,281**	**3,051,657**	**10.4**	**9.6**	**11.3**	**5,368**	**6,545,927**	**22.3**	**21.0**	**23.0**
50 – 54	422	283,091	18.8	16.3	21.5	187	205,056	13.6	11.2	16.3	376	358,160	23.7	21.0	26.7
55 – 59	432	287,931	22.8	20.2	25.7	93	93,679	7.4	5.9	9.3	269	263,260	20.9	18.1	23.9
60 – 64	418	261,043	27.8	24.3	31.6	27	30,180	3.2	2.1	4.9	129	117,963	12.6	10.3	15.3
65 – 69	293	181,513	26.2	22.1	30.8	22	19,208	2.8	1.7	4.4	73	70,394	10.2	7.6	13.5
70 – 74	194	111,214	27.6	21.9	34.0	1	1,025	0.3	0.0	1.8	29	20,758	5.2	3.3	7.9
75+	179	118,102	20.7	17.0	24.9	5	4,066	0.7	0.3	1.9	24	24,213	4.2	2.6	6.9
Ethnicity[3]															
Malay	4,789	3,370,781	21.9	20.3	23.6	1,403	1,561,585	10.1	9.2	11.2	2,581	2,402,484	15.6	14.4	16.9
Chinese	249	336,734	5.4	4.4	6.5	344	661,432	10.6	8.9	12.5	1,839	3,003,514	48.0	45.0	51.1
Indian	199	184,803	9.6	7.2	12.7	194	251,167	13.1	10.9	15.6	555	597,234	31.1	26.6	35.9
Bumiputera Sabah	191	189,067	12.3	9.8	15.4	68	81,356	5.3	3.6	7.7	158	182,928	11.9	8.8	15.9
Bumiputera Sarawak	61	151,216	11.6	6.1	21.0	41	81,546	6.3	4.7	8.4	88	160,745	12.4	8.8	17.1
Orang Asli	2	1,000	1.3	0.1	10.6	2	3,502	4.4	1.6	11.6	4	1,833	2.3	0.7	6.9
Others	93	87,464	3.1	1.9	5.0	229	411,069	14.6	11.0	19.2	140	196,139	7.0	5.0	9.6
Citizenship															
Malaysian	5,582	4,298,363	15.9	14.8	17.2	2,063	2,668,470	9.9	9.2	10.7	5,275	6,402,791	23.7	22.3	25.2
Non-Malaysian	24	22,920	1.0	0.6	1.7	218	383,187	16.5	12.5	21.5	93	143,136	6.2	4.3	8.8
Marital Status[3]															
Never married	827	859,362	10.4	9.2	11.7	528	844,839	10.2	8.9	11.7	1,169	1,806,395	21.8	19.9	23.9
Married	3,134	2,278,486	17.3	15.9	18.6	1,467	1,900,720	14.4	13.3	15.5	2,832	3,259,511	24.7	23.1	26.3
Widow/Widower/Divorcee	396	241,279	17.2	14.7	20.1	56	52,085	3.7	2.7	5.2	168	166,553	11.9	9.9	14.3
Education Level[3]															
No formal education	238	149,301	8.5	6.9	10.3	55	69,277	3.9	2.7	5.8	145	174,483	9.9	7.9	12.3
Primary	1,319	896,180	11.6	10.2	13.0	318	413,100	5.3	4.5	6.4	1,050	1,184,955	15.3	13.7	17.0
Secondary	1,841	1,465,307	13.7	12.5	15.0	926	1,164,265	10.9	9.9	12.0	1,820	2,261,216	21.2	19.7	22.8
Tertiary	1,436	1,197,887	22.7	20.8	24.7	825	1,236,171	23.4	21.3	25.6	1,696	2,213,042	42.0	39.4	44.5
Unclassified	180	173,468	16.5	13.1	20.6	52	61,544	5.9	3.8	8.9	131	170,842	16.3	13.0	20.3
Occupation[3]															
Government /Semi-government employee	1,521	1,231,909	64.0	60.7	67.1	278	313,723	16.3	14.0	18.8	813	753,123	39.1	36.1	42.2
Private employee	418	392,409	4.8	4.1	5.7	1,484	2,128,410	26.2	24.2	28.3	1,492	2,227,197	27.4	25.2	29.8
Self employed	408	266,753	7.7	6.6	9.1	91	112,963	3.3	2.5	4.3	686	802,391	23.2	20.9	25.7
Unpaid worker/homemaker	535	370,344	12.7	11.1	14.6	93	100,091	3.4	2.7	4.4	418	463,157	15.9	14.0	18.0
Retiree	490	333,025	54.8	49.5	60.0	20	22,273	3.7	2.2	5.9	98	94,786	15.6	12.4	19.5
Unemployed	588	403,549	14.0	12.2	16.0	39	56,078	1.9	1.2	3.1	204	249,196	8.6	7.1	10.5
Student[4]	396	380,638	12.8	10.8	15.1	46	64,106	2.2	1.5	3.1	458	642,609	21.7	19.0	24.7

Sociodemographic Characteristics	Government					Employer-sponsored insurance					Personal health insurance				
	Count[1]	Estimated Population[2]	(%)	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	(%)	95% CI Lower	95% CI Upper	Count[1]	Estimated Population[2]	(%)	95% CI Lower	95% CI Upper
MALAYSIA	**5,606**	**4,321,283**	**14.7**	**13.6**	**15.9**	**2,281**	**3,051,657**	**10.4**	**9.6**	**11.3**	**5,368**	**6,545,927**	**22.3**	**21.0**	**23.0**
Household Income Group (RM)															
Less than RM1000	532	338,530	8.5	7.3	9.8	97	125,674	3.1	2.3	4.4	360	410,772	10.3	8.6	12.2
RM1000 – RM1999	704	517,068	10.6	9.2	12.2	235	282,760	5.8	4.8	6.9	337	400,817	8.2	6.9	9.7
RM2000 – RM2999	794	595,334	12.5	10.5	14.8	304	371,862	7.8	6.6	9.3	572	623,648	13.1	11.4	15.1
RM3000 – RM3999	670	565,538	14.8	12.6	17.4	340	432,857	11.4	9.7	13.2	615	741,229	19.4	16.9	22.2
RM4000 – RM4999	645	523,945	18.2	15.5	21.1	248	329,586	11.4	9.6	13.5	603	761,839	26.4	23.2	29.9
RM5000 – RM5999	546	416,730	18.4	15.4	21.8	199	271,041	11.9	9.7	14.5	525	675,137	29.7	25.9	33.9
RM6000 – RM6999	387	297,916	20.4	16.7	24.6	158	219,822	15.0	12.0	18.7	390	465,958	31.9	27.5	36.6
RM7000 – RM7999	369	268,478	22.3	17.8	27.4	149	193,111	16.0	12.5	20.3	375	454,970	37.9	32.8	43.3
RM8000 – RM8999	290	232,410	23.0	18.2	28.7	132	180,242	17.9	14.6	21.7	359	427,859	42.4	35.6	49.5
RM9000 – RM10000	157	131,105	26.3	19.9	34.0	78	105,194	21.1	15.2	28.5	224	246,848	49.5	41.6	57.5
RM10000 and above	512	434,229	17.2	14.1	20.7	341	539,508	21.4	17.8	25.4	1,008	1,336,850	53.0	48.8	57.1
Household Income Quintiles															
Q1 (20% poorest)	446	284,465	8.3	7.0	9.9	75	101,495	3.0	2.0	4.3	338	390,853	11.5	9.6	13.6
Q2	694	501,855	9.9	8.7	11.3	220	271,025	5.4	4.5	6.4	327	394,764	7.8	6.6	9.2
Q3	1,011	765,582	12.5	10.7	14.6	405	498,638	8.2	7.0	9.5	817	912,632	15.0	13.2	16.9
Q4	1,303	1,065,135	16.6	14.7	18.6	565	740,767	11.5	10.1	13.0	1,188	1,504,728	23.4	21.2	25.7
Q5 (20% richest)	2,152	1,704,246	20.5	18.5	22.6	1,016	1,439,732	17.3	15.6	19.2	2,698	3,342,950	40.3	37.8	42.8
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	718	566,057	9.6	8.3	11.2	296	438,660	7.5	5.8	9.6	320	385,869	6.6	5.4	8.0
Q2	1,092	893,437	15.2	13.3	17.4	367	412,594	7.0	5.9	8.3	560	584,371	9.9	8.5	11.6
Q3	1,139	885,477	15.2	13.4	17.1	444	558,119	9.6	8.4	10.9	838	953,352	16.3	14.5	18.3
Q4	1,466	1,079,977	18.4	16.4	20.5	550	712,917	12.1	10.8	13.6	1,396	1,608,802	27.4	25.1	29.8
Q5 (20% richest)	1,191	896,335	15.3	13.3	17.6	624	929,367	15.9	14.2	17.8	2,254	3,013,533	51.6	48.8	54.4

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 5.4 : "Who would usually pay for healthcare?"(con't)

Sociodemographic Characteristics	Employer/Panel Clinic					Self/Family/household member					Other				
	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper
MALAYSIA	**4,006**	**4,963,709**	**16.9**	**15.8**	**18.1**	**25,590**	**25,063,293**	**85.5**	**84.4**	**86.5**	**131**	**118,573**	**0.4**	**0.3**	**0.6**
State															
Johor	389	585,641	17.4	13.9	21.5	2,129	2,829,394	83.7	80.8	86.3	11	10,417	0.3	0.1	0.7
Kedah	211	218,361	11.1	8.1	15.2	1,718	1,808,553	92.0	88.3	94.6	6	5,986	0.3	0.1	1.6
Kelantan	106	94,858	5.8	4.3	7.8	1,702	1,474,841	90.1	86.3	92.9	1	738	0.0	0.0	0.3
Melaka	235	134,575	16.2	12.7	20.4	1,646	786,240	94.8	91.9	96.7	6	3,243	0.4	0.1	1.1
Negeri Sembilan	214	152,598	15.2	11.7	19.6	1,651	899,273	89.8	86.0	92.7	1	600	0.1	0.0	0.4
Pahang	306	292,550	19.0	13.9	25.3	1,454	1,219,211	79.0	74.3	83.0	32	27,372	1.8	0.5	6.6
Pulau Pinang	324	311,272	19.0	13.8	25.6	1,697	1,476,811	90.1	85.7	93.2	5	588	0.0	0.0	0.1
Perak	177	257,814	11.0	8.1	14.7	1,812	2,122,448	90.4	86.4	93.3	5	6,051	0.3	0.1	0.7
Perlis	106	15,282	6.5	4.7	9.0	1,719	221,464	94.2	91.4	96.2	10	1,003	0.4	0.2	0.8
Selangor	1,039	1,595,682	27.4	24.6	30.4	3,417	4,852,982	83.4	80.5	85.9	29	39,001	0.7	0.4	1.1
Terengganu	167	118,874	10.7	7.9	14.4	1,596	939,827	84.6	80.1	88.2	0	0	0.0	-	-
Sabah & WP Labuan	292	506,895	14.6	10.6	19.8	2,294	3,016,141	86.8	83.6	89.4	17	14,242	0.4	0.2	0.8
Sarawak	136	245,508	9.6	7.3	12.6	1,476	2,121,841	83.1	77.2	87.8	7	7,896	0.3	0.1	0.8
WP Kuala Lumpur	215	424,869	25.1	20.4	30.5	663	1,227,434	72.5	66.9	77.5	1	1,436	0.1	0.0	0.6
WP Putrajaya	89	8,930	10.4	7.7	13.9	616	66,833	77.8	72.9	82.0	0	0	0.0	-	-
Location															
Urban	2,896	4,250,268	19.3	17.9	20.7	14,386	18,715,491	84.9	83.6	86.1	60	72,719	0.3	0.2	0.5
Rural	1,110	713,441	9.8	7.9	12.1	11,204	6,347,802	87.2	85.1	89.1	71	45,854	0.6	0.3	1.4
Sex															
Male	2,183	2,858,110	18.9	17.5	20.4	12,366	12,970,175	85.7	84.5	86.9	72	69,185	0.5	0.3	0.7
Female	1,823	2,105,599	14.8	13.7	16.0	13,224	12,093,118	85.2	83.9	86.4	59	49,388	0.3	0.2	0.6
Age Group (Years)															
0-4	299	298,350	12.0	10.0	14.3	2,340	2,105,098	84.5	81.6	86.9	8	7,905	0.3	0.1	1.0
5-9	281	282,811	11.8	9.8	14.1	2,357	2,067,969	86.0	83.7	88.0	11	13,100	0.5	0.2	1.3
10–14	220	253,079	9.9	8.3	11.8	2,293	2,199,597	86.0	83.9	87.9	6	6,974	0.3	0.1	0.9
15–19	164	209,436	8.0	6.6	9.6	2,058	2,348,560	89.3	87.4	90.9	9	12,472	0.5	0.2	1.0
20–24	378	575,550	20.2	17.5	23.2	1,630	2,404,414	84.5	82.0	86.7	9	10,574	0.4	0.2	0.8
25–29	522	769,294	27.7	24.9	30.6	1,831	2,312,184	83.1	80.6	85.3	6	8,388	0.3	0.1	0.7
30–34	490	733,142	27.9	24.9	31.2	1,775	2,204,920	83.9	81.5	86.1	9	5,204	0.2	0.1	0.5
35–39	470	573,310	27.6	24.7	30.7	1,634	1,750,927	84.3	82.0	86.4	6	5,545	0.3	0.1	0.6
40–44	334	415,372	22.4	19.7	25.4	1,552	1,574,897	85.0	82.3	87.4	7	4,894	0.3	0.1	0.8
45–49	327	346,738	20.7	18.1	23.7	1,629	1,437,874	85.9	83.6	87.9	6	4,449	0.3	0.1	1.0

Sociodemographic Characteristics	Employer/Panel Clinic					Self/Family/household member					Other				
	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper
MALAYSIA	**4,006**	**4,963,709**	**16.9**	**15.8**	**18.1**	**25,590**	**25,063,293**	**85.5**	**84.4**	**86.5**	**131**	**118,573**	**0.4**	**0.3**	**0.6**
50–54	265	274,751	18.2	15.7	21.1	1,660	1,296,566	86.0	83.5	88.1	8	4,584	0.3	0.1	0.7
55–59	153	137,857	10.9	9.0	13.2	1,472	1,095,031	86.6	84.1	88.8	11	8,765	0.7	0.3	1.4
60–64	51	51,543	5.5	4.0	7.6	1,163	785,777	83.7	80.5	86.5	12	9,989	1.1	0.5	2.1
65–69	36	29,168	4.2	2.8	6.2	901	608,314	87.8	84.3	90.7	9	6,558	0.9	0.5	2.0
70–74	12	8,241	2.0	1.0	4.3	624	367,224	90.9	87.3	93.5	5	1,762	0.4	0.2	1.1
75+	4	5,067	0.9	0.3	2.5	671	503,941	88.2	84.6	91.0	9	7,410	1.3	0.6	3.0
Ethnicity[3]															
Malay	2,619	2,716,142	17.6	16.3	19.1	16,351	13,085,823	84.9	83.6	86.1	64	51,642	0.3	0.2	0.5
Chinese	478	928,745	14.9	12.8	17.2	3,804	5,512,979	88.1	86.0	89.9	16	20,580	0.3	0.2	0.6
Indian	329	364,966	19.0	16.2	22.1	1,768	1,682,033	87.5	84.4	90.0	4	3,413	0.2	0.1	0.6
Bumiputera Sabah	107	132,148	8.6	6.4	11.6	1,222	1,307,072	85.1	81.6	88.1	12	9,593	0.6	0.2	1.6
BumiputeraSarawak	50	103,344	8.0	5.0	12.5	662	1,103,245	84.9	75.8	90.9	3	3,963	0.3	0.1	1.1
Orang Asli	2	3,502	4.4	1.6	11.6	89	58,639	73.5	44.3	90.6	22	19,010	23.8	5.8	61.3
Others	419	714,349	25.4	20.0	31.7	1,686	2,311,034	82.2	78.1	85.6	10	10,372	0.4	0.2	0.8
Citizenship															
Malaysian	3,630	4,326,683	16.0	15.0	17.1	24,389	23,273,903	86.2	85.1	87.2	123	111,225	0.4	0.3	0.6
Non-Malaysian	376	637,026	27.5	22.0	33.7	1,201	1,789,390	77.0	72.6	80.8	8	7,348	0.3	0.1	0.8
Marital status[3]															
Never married	968	1,437,765	17.4	15.8	19.0	5,800	7,086,611	85.6	84.1	87.1	29	39,334	0.5	0.3	0.8
Married	2,199	2,674,480	20.3	18.9	21.7	11,991	11,262,124	85.2	84.0	86.4	63	46,656	0.4	0.2	0.5
Widow/Widower/Divorcee	116	105,008	7.5	5.9	9.6	1,727	1,219,832	87.0	84.5	89.1	18	9,275	0.7	0.4	1.2
Education level[3]															
No formal education	128	164,350	9.4	6.7	12.9	1,735	1,508,101	85.6	82.5	88.2	21	13,571	0.8	0.4	1.4
Primary	692	840,141	10.8	9.3	12.6	7,624	6,733,053	86.8	85.3	88.1	39	30,244	0.4	0.2	0.6
Secondary	1,503	1,792,231	16.8	15.4	18.2	9,027	9,156,429	85.7	84.4	86.9	44	45,322	0.4	0.3	0.6
Tertiary	1,227	1,704,081	32.3	30.2	34.5	3,709	4,468,152	84.6	82.9	86.1	10	10,060	0.2	0.1	0.4
Unclassified	112	127,600	12.2	8.9	16.4	855	853,236	81.3	77.2	84.7	6	7,069	0.7	0.2	2.6
Occupation[3]															
Government/Semi-Government employee	407	447,034	23.2	20.6	26.1	1,792	1,578,518	82.0	79.4	84.3	7	4,945	0.3	0.1	0.9
Private employee	2,246	3,085,219	38.0	35.8	40.2	5,211	6,738,062	82.9	81.1	84.5	20	20,822	0.3	0.1	0.5
Self employed	141	148,244	4.3	3.5	5.3	3,547	3,119,084	90.2	88.5	91.6	33	20,216	0.6	0.3	1.1
Unpaid worker/ homemaker	184	179,718	6.2	5.0	7.6	2,941	2,510,364	86.4	84.3	88.1	7	6,570	0.2	0.1	0.6
Retiree	31	26,577	4.4	2.7	6.9	670	516,072	84.7	80.6	88.1	5	3,408	0.6	0.2	1.7
Unemployed	84	92,179	3.2	2.4	4.2	2,988	2,495,706	86.3	84.0	88.4	27	23,877	0.8	0.5	1.4
Student[4]	190	238,282	8.0	6.6	9.7	2,367	2,609,344	88.0	86.0	89.7	11	15,427	0.5	0.3	1.0

Sociodemographic Characteristics	Employer/Panel Clinic					Self/Family/household member					Other				
	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper
MALAYSIA	**4,006**	**4,963,709**	**16.9**	**15.8**	**18.1**	**25,590**	**25,063,293**	**85.5**	**84.4**	**86.5**	**131**	**118,573**	**0.4**	**0.3**	**0.6**
Household Income Group (RM)															
Less than RM1000	192	211,618	5.3	4.1	6.8	4,151	3,553,530	88.9	86.8	90.7	28	25,772	0.6	0.3	1.3
RM1000–RM1999	477	553,435	11.3	9.4	13.6	4,819	4,207,654	86.0	84.1	87.7	29	27,776	0.6	0.3	1.0
RM2000–RM2999	578	724,575	15.2	13.1	17.6	4,455	4,099,658	86.1	84.2	87.8	20	12,925	0.3	0.1	0.6
RM3000–RM3999	592	699,378	18.3	16.1	20.8	3,238	3,254,647	85.3	83.1	87.3	13	12,836	0.3	0.1	0.8
RM4000–RM4999	449	535,639	18.6	16.1	21.3	2,289	2,460,466	85.2	82.8	87.4	12	8,766	0.3	0.1	0.9
RM5000–RM5999	371	486,474	21.4	18.3	24.9	1,737	1,902,950	83.8	80.7	86.5	5	2,404	0.1	0.0	0.4
RM6000–RM6999	266	326,239	22.3	18.7	26.4	1,141	1,210,853	82.8	79.3	85.8	5	5,132	0.4	0.1	1.1
RM7000–RM7999	222	242,550	20.1	16.0	25.0	970	1,036,917	86.0	82.5	88.8	5	4,899	0.4	0.1	1.2
RM8000–RM8999	200	266,901	26.5	22.1	31.4	746	831,866	82.5	78.7	85.7	3	3,009	0.3	0.1	1.0
RM9000–RM10000	116	139,740	28.0	22.1	34.9	391	425,746	85.4	79.1	90.1	2	3,516	0.7	0.2	2.7
RM10000 and above	543	777,160	30.8	26.4	35.5	1,653	2,079,006	82.3	79.3	84.9	9	11,538	0.5	0.2	1.0
Household Income Quintiles															
Q1 (20% poorest)	152	167,931	4.9	3.7	6.5	3,547	3,047,880	89.2	87.1	91.0	19	15,400	0.5	0.3	0.8
Q2	449	543,642	10.8	8.9	12.9	4,954	4,360,939	86.3	84.4	88.0	36	34,633	0.7	0.4	1.3
Q3	762	926,145	15.2	13.4	17.2	5,687	5,263,853	86.2	84.6	87.7	23	17,648	0.3	0.1	0.6
Q4	1,015	1,210,465	18.8	16.9	20.9	5,219	5,451,791	84.7	82.8	86.4	25	20,465	0.3	0.1	0.8
Q5 (20% richest)	1,628	2,115,526	25.5	23.3	27.8	6,183	6,938,830	83.5	81.8	85.0	28	30,427	0.4	0.2	0.6
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	616	810,161	13.8	11.4	16.7	5,332	4,990,383	85.1	82.9	87.1	30	25,267	0.4	0.3	0.7
Q2	677	747,897	12.7	11.1	14.6	5,791	5,034,503	85.6	83.9	87.1	33	27,755	0.5	0.3	0.8
Q3	825	949,431	16.2	14.7	18.0	5,255	4,961,331	84.9	83.0	86.6	30	26,751	0.5	0.1	1.4
Q4	924	1,087,379	18.5	16.6	20.5	5,044	5,091,251	86.5	84.9	88.1	25	23,723	0.4	0.2	0.8
Q5 (20% richest)	964	1,368,841	23.4	21.1	25.9	4,168	4,985,825	85.3	83.3	87.1	13	15,077	0.3	0.1	0.5

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >14 years old and not working
5. 95% CI = 95% Confidence interval; SD=standard deviation; IQRinter quartile range

Table 5.5: Financial coverage for healthcare

Sociodemographic Characteristics	Government Guarantee Letter (GL)					Employer-Sponsored Insurance					Private Personal Health Insurance				
	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper	Count[1]	Estimated Population[2]	(%)	95%CI Lower	95%CI Upper
MALAYSIA	**6,435**	**5,198,450**	**17.7**	**16.4**	**19.1**	**3,469**	**4,380,421**	**15.0**	**14.0**	**16.0**	**5,741**	**6,938,195**	**23.7**	**22.3**	**25.0**
State															
Johor	446	532,452	15.8	11.9	20.6	414	641,889	19.0	15.3	23.4	584	850,582	25.2	21.3	29.6
Kedah	401	444,231	22.6	16.8	29.7	148	156,510	8.0	5.4	11.7	243	288,052	14.7	10.9	19.4
Kelantan	518	423,259	25.8	21.0	31.4	104	94,793	5.8	4.5	7.3	199	170,368	10.4	7.2	14.8
Melaka	402	155,816	18.8	14.1	24.5	145	93,845	11.3	8.7	14.6	310	203,037	24.5	17.3	33.4
Negeri Sembilan	388	191,854	19.2	15.5	23.6	138	88,179	8.8	7.1	10.9	391	263,989	26.5	20.9	32.9
Pahang	315	269,424	17.4	13.1	22.8	304	290,578	18.8	14.0	24.9	318	294,975	19.1	14.7	24.4
Pulau Pinang	250	147,084	9.0	6.3	12.6	299	259,428	15.8	11.6	21.2	559	613,874	37.5	29.5	46.2
Perak	336	429,424	18.3	13.4	24.5	161	205,636	8.8	6.6	11.5	355	573,615	24.4	19.8	29.8
Perlis	648	83,333	35.5	29.0	42.5	65	10,471	4.5	3.3	6.1	234	32,557	13.9	10.1	18.9
Selangor	777	1,027,646	17.7	14.5	21.4	867	1,399,683	24.1	21.5	26.9	1,254	2,062,623	35.5	31.6	39.7
Terengganu	432	255,888	23.0	18.3	28.5	152	108,646	9.8	6.9	13.7	128	77,147	7.0	4.5	10.5
Sabah & WP Labuan	326	430,361	12.4	9.1	16.6	250	391,760	11.3	8.6	14.8	318	427,828	12.4	9.4	16.1
Sarawak	360	528,996	20.7	15.9	26.5	159	260,866	10.2	7.6	13.6	330	495,808	19.5	15.9	23.7
WP Kuala Lumpur	116	201,879	11.9	8.9	15.8	181	369,667	21.9	17.4	27.1	287	559,237	33.0	25.6	41.4
WP Putrajaya	720	76,803	89.4	84.1	93.0	82	8,470	9.9	7.1	13.5	231	24,503	28.5	23.6	34.0
Location															
Urban	4104	4,075,859	18.5	16.9	20.3	2,520	3,762,600	17.1	15.8	18.4	4,322	6,217,402	28.3	26.4	30.2
Rural	2331	1,122,591	15.4	13.7	17.4	949	617,821	8.5	7.2	9.9	1,419	720,793	9.9	8.6	11.5
Sex															
Male	2946	2,497,902	16.5	15.2	18.0	1,990	2,652,320	17.6	16.3	18.9	2,848	3,571,139	23.6	22.2	25.2
Female	3489	2,700,548	19.0	17.6	20.6	1,479	1,728,101	12.2	11.2	13.3	2,893	3,367,056	23.8	22.2	25.4
Age Group (Years)															
0-4	689	531,924	21.3	18.8	24.1	193	204,775	8.2	6.6	10.2	499	554,715	22.3	19.7	25.1
5-9	557	460,965	19.2	16.7	21.9	188	208,050	8.7	6.9	10.8	510	534,122	22.2	19.6	25.1
10–14	529	434,823	17.0	14.9	19.3	156	177,931	7.0	5.6	8.6	455	518,397	20.3	17.9	23.1
15–19	357	369,248	14.1	12.2	16.2	145	179,230	6.8	5.6	8.3	341	443,933	17.1	14.8	19.6
20–24	238	316,004	11.1	9.2	13.4	356	548,790	19.3	16.6	22.3	332	609,972	21.5	18.7	24.6
25–29	466	453,068	16.3	14.2	18.6	449	663,291	23.9	21.1	26.9	507	780,894	28.1	25.1	31.2
30–34	544	505,210	19.2	16.7	22.0	415	645,069	24.6	21.8	27.6	597	772,235	29.4	26.5	32.5
35–39	383	316,512	15.2	12.9	17.9	415	513,524	24.7	22.1	27.6	539	665,296	32.1	28.9	35.4
40–44	351	297,161	16.1	13.8	18.6	329	413,508	22.3	19.8	25.1	462	572,312	30.9	27.7	34.3
45–49	423	324,928	19.4	16.9	22.2	311	325,580	19.4	17.0	22.1	518	562,310	33.6	30.3	37.0

Sociodemographic characteristics	Government Guarantee Letter (GL)					Employer-Sponsored Insurance					Private Personal Health Insurance				
	Count[1]	Estimated Population[2]	(%)	95%CI		Count[1]	Estimated Population[2]	(%)	95%CI		Count[1]	Estimated Population[2]	(%)	95%CI	
				Lower	Upper				Lower	Upper				Lower	Upper
MALAYSIA	**6,435**	**5,198,450**	**17.7**	**16.4**	**19.1**	**3,469**	**4,380,421**	**15.0**	**14.0**	**16.0**	**5,741**	**6,938,195**	**23.7**	**22.3**	**25.0**
50–54	468	320,697	21.3	18.7	24.1	258	263,457	17.5	14.9	20.4	407	383,545	25.5	22.6	28.6
55–59	459	312,836	24.7	21.8	27.9	154	147,496	11.7	9.8	13.9	276	267,303	21.2	18.3	24.3
60–64	356	199,679	21.3	18.4	24.4	50	47,085	5.0	3.7	6.9	145	136,468	14.6	11.9	17.7
65–69	259	138,982	20.1	16.4	24.3	32	24,679	3.6	2.4	5.2	89	85,285	12.3	9.6	15.8
70–74	189	101,573	25.2	19.9	31.3	8	8,773	2.2	0.9	4.9	38	29,251	7.2	5.0	10.5
75+	167	114,840	20.1	16.3	24.6	10	9,183	1.6	0.7	3.4	26	22,157	3.9	2.3	6.4
Ethnicity[3]															
Malay	5520	4,078,748	26.5	24.6	28.5	2,216	2,336,411	15.2	14.0	16.5	2,797	2,639,814	17.2	15.8	18.5
Chinese	279	393,752	6.3	5.2	7.6	497	954,584	15.3	13.1	17.7	1,918	3,093,101	49.5	46.4	52.6
Indian	194	175,128	9.1	6.7	12.3	275	319,578	16.6	14.0	19.6	588	630,816	32.8	28.3	37.7
Bumiputera Sabah	216	219,834	14.4	10.9	18.7	124	151,164	9.9	7.6	12.7	165	173,541	11.4	8.5	15.0
Bumiputera Sarawak	117	218,263	16.8	10.8	25.2	70	130,000	10.0	6.5	15.2	104	182,606	14.1	10.2	19.2
Orang Asli	1	300	0.4	0.0	3.3	3	4,002	5.0	2.0	12.1	5	2,100	2.6	0.9	7.3
Others	106	112,207	4.0	2.3	6.8	283	484,282	17.2	13.3	22.0	162	215,567	7.7	5.5	10.6
Marital status[3]															
Never married	1043	1,121,237	13.6	12.1	15.1	856	1,284,420	15.6	14.0	17.3	1,249	1,897,601	23.0	21.1	25.1
Married	3446	2,616,791	19.8	18.3	21.4	2,033	2,484,748	18.8	17.6	20.1	3,019	3,455,767	26.2	24.6	27.8
Widow/Widower/Divorcee	387	223,743	16.0	13.7	18.5	97	83,502	6.0	4.6	7.7	182	171,682	12.2	10.1	14.7
Education level[3]															
No formal education	262	174,533	9.9	8.1	12.1	99	107,274	6.1	4.4	8.3	160	188,946	10.7	8.7	13.2
Primary	1467	1,036,245	13.4	11.9	15.0	546	669,405	8.6	7.4	10.0	1,126	1,247,437	16.1	14.5	17.8
Secondary	2056	1,714,521	16.1	14.7	17.6	1,415	1,684,147	15.8	14.5	17.2	1,942	2,357,389	22.1	20.6	23.7
Tertiary	1685	1,484,212	28.1	25.8	30.5	1,092	1,577,973	29.9	27.6	32.3	1,792	2,369,921	44.9	42.3	47.6
Unclassified	197	186,237	17.7	14.5	21.6	85	103,061	9.8	7.0	13.6	140	175,738	16.8	13.4	20.9
Occupation[3]															
Government/Semi-Government employee	1820	1,542,370	80.2	77.3	82.7	394	433,500	22.5	19.7	25.6	866	807,915	42.0	38.9	45.1
Private employee	534	529,780	6.5	5.7	7.5	1,999	2,760,995	34.0	31.8	36.2	1,576	2,338,672	28.8	26.6	31.1
Self employed	438	311,637	9.0	7.7	10.5	177	205,422	5.9	5.0	7.1	700	812,438	23.5	21.2	25.9
Unpaidworker/homemaker	559	380,601	13.1	11.6	14.7	166	165,139	5.7	4.7	6.9	456	489,996	16.9	14.9	19.0
Retiree	405	263,236	43.2	38.1	48.4	41	39,047	6.4	4.5	9.0	111	109,870	18.1	14.6	22.1
Unemployed	592	406,975	14.1	12.1	16.4	71	75,895	2.6	1.9	3.7	239	276,799	9.6	8.0	11.5
Student[4]	527	526,672	17.8	15.5	20.3	138	172,672	5.8	4.7	7.3	502	689,360	23.5	20.6	26.6

Sociodemographic characteristics	Government Guarantee Letter (GL)					Employer-Sponsored Insurance					Private Personal Health Insurance				
	Count[1]	Estimated Population[2]	(%)	95%CI		Count[1]	Estimated Population[2]	(%)	95%CI		Count[1]	Estimated Population[2]	(%)	95%CI	
				Lower	Upper				Lower	Upper				Lower	Upper
MALAYSIA	**6,435**	**5,198,450**	**17.7**	**16.4**	**19.1**	**3,469**	**4,380,421**	**15.0**	**14.0**	**16.0**	**5,741**	**6,938,195**	**23.7**	**22.3**	**25.0**
Household Income Group (RM)															
Less than RM1000	497	332,951	8.3	7.0	9.8	178	193,539	4.8	3.9	6.0	390	429,650	10.8	9.1	12.6
RM1000–RM1999	676	492,964	10.1	8.5	11.9	402	452,833	9.3	7.8	10.9	360	419,681	8.6	7.3	10.1
RM2000–RM2999	870	675,204	14.2	12.0	16.7	495	599,009	12.6	10.8	14.6	599	636,502	13.4	11.7	15.4
RM3000–RM3999	791	678,650	17.8	15.3	20.6	532	605,977	15.9	14.0	18.1	666	771,539	20.3	17.7	23.1
RM4000–RM4999	762	620,907	21.5	18.3	25.1	370	465,224	16.1	13.8	18.8	639	798,689	27.7	24.5	31.2
RM5000–RM5999	663	543,539	24.0	20.1	28.3	313	423,899	18.7	15.9	21.8	570	745,477	32.9	28.8	37.1
RM6000–RM6999	476	393,146	26.9	22.3	32.0	226	296,593	20.3	16.8	24.3	420	492,661	33.7	29.3	38.4
RM7000–RM7999	432	344,842	28.6	23.2	34.7	197	236,648	19.7	15.6	24.5	403	492,678	41.1	35.7	46.7
RM8000–RM8999	387	320,201	31.7	25.5	38.8	183	254,592	25.2	21.0	29.9	391	473,660	47.0	40.4	53.7
RM9000–RM10000	204	181,087	36.3	28.2	45.3	107	142,725	28.8	22.1	36.5	231	247,870	49.7	41.9	57.6
RM10000 and above	677	614,959	24.4	20.3	29.0	466	709,382	28.1	24.2	32.3	1,072	1,429,788	56.7	52.2	61.1
Household Income Quintiles															
Q1 (20% poorest)	415	278,030	8.1	6.8	9.8	136	151,880	4.4	3.5	5.7	363	404,631	11.9	10.0	14.0
Q2	668	483,884	9.6	8.2	11.2	380	442,974	8.8	7.4	10.4	353	418,322	8.3	7.0	9.7
Q3	1,116	876,607	14.4	12.4	16.6	660	780,957	12.8	11.3	14.5	858	931,647	15.3	13.5	17.3
Q4	1,536	1,269,170	19.7	17.6	22.1	871	1,051,100	16.4	14.6	18.2	1,273	1,594,698	24.8	22.6	27.2
Q5 (20% richest)	2,700	2,290,759	27.6	25.1	30.2	1,422	1,953,510	23.5	21.4	25.8	2,894	3,588,897	43.3	40.7	45.8
Socioeconomic Quintiles (based on HCD 2011)															
Q1 (20% poorest)	712	576,199	9.8	8.3	11.6	522	665,173	11.3	9.5	13.5	334	395,639	6.8	5.6	8.1
Q2	1,222	1,017,341	17.3	15.1	19.8	571	604,775	10.3	8.9	11.9	614	614,261	10.5	9.0	12.2
Q3	1,337	1,086,611	18.6	16.5	21.0	694	848,546	14.5	13.0	16.2	907	1,015,676	17.4	15.6	19.4
Q4	1,686	1,301,028	22.1	19.7	24.7	813	996,794	17.0	15.3	18.8	1,470	1,674,676	28.6	26.2	31.0
Q5 (20% richest)	1,478	1,217,271	20.8	18.3	23.7	869	1,265,133	21.7	19.5	24.0	2,416	3,237,943	55.4	52.6	58.2

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval

Table 5.6: Percapita Health Expenditure by Sociodemographic (In-patient, Dental & Out-patient Care)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**11,683,321,779**	**397.74**	**38,416.54**	**0.00**	**0.00**	**26.94**	**768.53**
State									
Johor	2,570	3,394,793	488,943,502	144.03	1,248.50	0.00	0.00	96.01	192.04
Kedah	1,880	1,965,392	586,738,511	298.54	7,540.23	0.00	0.00	0.00	730.73
Kelantan	1,887	1,638,409	101,449,659	61.92	932.56	0.00	0.00	21.78	102.06
Melaka	1,730	831,355	5,552,365,472	6,678.69	227,227.26	0.00	0.00	0.00	19,693.37
Negeri Sembilan	1,834	1,001,346	233,109,714	232.80	2,372.04	0.00	0.00	115.04	350.56
Pahang	1,821	1,544,095	214,335,618	138.81	1,907.16	0.00	0.00	61.71	215.91
Pulau Pinang	1,878	1,639,851	415,684,206	253.49	2,566.88	0.00	0.00	126.90	380.08
Perak	1,976	2,350,221	279,692,946	119.01	863.37	0.00	0.00	68.65	169.37
Perlis	1,814	235,217	24,400,820	103.74	793.14	0.00	0.00	61.96	145.51
Selangor	4,117	5,828,226	2,237,726,260	383.95	5,454.03	0.00	0.00	208.45	559.44
Terengganu	1,865	1,111,020	89,817,412	80.84	941.48	0.00	0.00	18.08	143.60
Sabah & Labuan	2,610	3,478,079	356,830,702	102.59	813.87	0.00	0.00	68.28	136.91
Sarawak	1,769	2,575,789	756,916,589	293.86	6,026.18	0.00	0.00	42.57	545.15
WP Kuala Lumpur	906	1,694,692	332,368,815	196.12	1,475.31	0.00	0.00	108.14	284.10
WP Putrajaya	803	85,951	12,941,553	150.57	1,091.49	0.00	0.00	73.69	227.45
Location									
Urban	16,880	22,078,004	10,086,551,424	456.86	44,201.86	0.00	0.00	0.00	947.98
Rural	12,580	7,296,432	1,596,770,355	218.84	5,445.77	0.00	0.00	73.16	364.52
Sex									
Male	14,225	15,152,521	9,112,851,622	601.41	53,461.63	0.00	0.00	0.00	1,317.91
Female	15,235	14,221,915	2,570,470,157	180.74	1,756.17	0.00	0.00	146.76	214.72
Age-Group (years)									
0 – 4	2,689	2,493,194	535,917,294	214.95	2,194.52	0.00	0.00	113.83	316.08
5 – 9	2,688	2,404,971	202,614,509	84.25	545.66	0.00	0.00	58.04	110.46
10 – 14	2,638	2,560,348	142,645,926	55.71	470.30	0.00	0.00	30.80	80.62
15 – 19	2,291	2,637,756	273,291,931	103.61	1,635.79	0.00	0.00	47.64	159.57
20 – 24	1,928	2,855,609	793,158,922	277.75	6,296.54	0.00	0.00	0.00	574.35
25 – 29	2,176	2,786,488	435,456,928	156.27	1,415.45	0.00	0.00	86.19	226.36
30 – 34	2,096	2,632,625	608,267,916	231.05	5,572.75	0.00	0.00	0.00	463.45
35 – 39	1,915	2,079,356	421,896,123	202.90	1,447.64	0.00	0.00	119.11	286.68
40 – 44	1,797	1,856,980	293,900,124	158.27	1,122.51	0.00	0.00	91.38	225.15
45 – 49	1,869	1,678,339	6,010,351,030	3,581.13	159,984.29	0.00	0.00	0.00	10,001.10

Sociodemographic characteristics	Count[1]	Estimated Population[1]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**11,683,321,779**	**397.74**	**38,416.54**	**0.00**	**0.00**	**26.94**	**768.53**
50 – 54	1,897	1,511,790	239,392,923	158.35	1,003.53	0.00	1.00	97.46	219.24
55 – 59	1,682	1,265,329	817,531,299	646.10	10,764.54	0.00	0.00	0.00	1,335.85
60 – 64	1,345	939,677	206,602,157	219.87	2,212.55	0.00	0.00	106.06	333.67
65 – 69	1,015	696,123	152,409,581	218.94	2,466.89	0.00	0.00	75.76	362.12
70 – 74	685	404,506	234,109,133	578.75	3,489.40	0.00	0.00	246.36	911.15
75+	749	571,345	315,775,983	552.69	3,818.34	0.00	0.00	219.68	885.70
Ethnicity[3]									
Malay	18,879	15,420,455	8,039,097,428	521.33	52,852.83	0.00	0.00	0.00	1,223.50
Chinese	4,246	6,272,115	1,989,074,697	317.13	5,083.13	0.00	0.00	157.58	476.68
Indian	1,985	1,924,991	543,436,578	282.31	2,746.67	0.00	0.00	132.15	432.46
Bumiputera Sabah	1,414	1,536,737	166,918,070	108.62	859.90	0.00	1.00	53.98	163.25
Bumiputera Sarawak	776	1,303,400	540,364,726	414.58	8,369.65	0.00	0.00	0.00	847.41
Orang Asli	115	79,830	1,410,994	17.67	117.98	0.00	0.00	0.00	38.11
Others	2,025	2,816,011	402,995,145	143.11	1,597.34	0.00	0.00	83.18	203.04
Citizenship									
Malaysian	27,877	27,024,893	11,228,827,973	415.50	40,045.44	0.00	0.00	12.68	818.32
Non-Malaysia	1,570	2,328,664	454,493,806	195.17	2,413.93	0.00	0.00	95.33	295.02
Marital status[3]									
Never Married	6,687	8,289,474	861,788,620	103.96	1,318.56	0.00	0.00	70.50	137.43
Married	13,860	13,224,116	9,686,459,025	732.48	57,234.14	0.00	0.00	0.00	1,555.27
Widow/Widower/Divorcee	1,941	1,404,957	300,402,252	213.82	1,723.98	0.00	0.00	127.72	299.91
Education level[3]									
No formal education	1,995	1,764,062	378,657,539	214.65	2,175.12	0.00	0.00	118.90	310.41
Primary	8,611	7,764,933	1,027,118,073	132.28	1,810.97	0.00	0.00	87.97	176.58
Secondary	10,354	10,698,154	2,426,936,588	226.86	5,696.62	0.00	0.00	101.11	352.60
Tertiary	4,403	5,284,934	7,298,488,671	1,381.00	90,160.41	0.00	3.00	0.00	3,419.59
Unclassified	1,043	1,049,939	84,040,094	80.04	1,478.21	0.00	0.00	23.98	136.10
Occupation[3]									
Government /Semi- government employee	2,195	1,925,466	5,908,498,667	3,068.61	149,343.22	0.00	0.00	0.00	8,666.54
Private employee	6,206	8,137,548	2,196,196,352	269.88	5,717.85	0.00	0.00	110.77	429.00
Self-employed	3,892	3,459,064	580,176,468	167.73	1,801.21	0.00	0.00	105.04	230.42
Unpaid worker/homemaker	3,352	2,913,131	699,674,880	240.18	2,320.34	0.00	1.00	132.21	348.14
Retiree	786	609,294	310,474,099	509.56	3,864.05	0.00	0.00	225.89	793.24
Unemployed	3,401	2,921,854	950,560,604	325.33	5,686.37	0.00	0.00	132.61	518.05
Student[4]	2,668	2,972,927	203,067,909	68.31	514.34	0.00	0.00	44.60	92.01

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**11,683,321,779**	**397.74**	**38,416.54**	**0.00**	**0.00**	**26.94**	**768.53**
Household Income Group (RM)									
Less than RM1,000	4,638	4,022,873	838,964,844	208.55	4,650.56	0.00	0.00	52.43	364.67
RM1,000 – RM1,999	5,450	4,893,775	627,834,826	128.29	2,149.57	0.00	0.00	71.31	185.27
RM2,000 – RM2,999	5,053	4,772,189	1,185,021,576	248.32	5,233.54	0.00	0.00	57.78	438.86
RM3,000 – RM3,999	3,743	3,820,067	494,669,241	129.49	1,346.33	0.00	0.00	86.76	172.23
RM4,000 – RM4,999	2,663	2,886,709	449,472,367	155.70	1,167.81	0.00	0.00	103.85	207.55
RM5,000 – RM5,999	2,041	2,270,353	313,338,033	138.01	934.51	0.00	0.00	90.27	185.76
RM6,000 – RM6,999	1,367	1,465,749	260,891,031	177.99	913.12	0.00	0.00	103.31	252.67
RM7,000 – RM7,999	1,143	1,206,329	287,141,903	238.03	1,551.65	0.00	0.00	135.14	340.92
RM8,000 – RM8,999	913	1,008,764	327,548,310	324.70	2,473.35	0.00	0.00	120.16	529.24
RM9,000 – RM9,999	459	498,253	70,328,063	141.15	796.77	0.00	0.00	46.08	236.22
RM10,000 and above	1,990	2,529,375	6,828,111,586	2,699.53	130,526.55	0.00	0.00	0.00	6,984.60
Household Income Quintiles									
Q1 (Poorest 20%)	3,958	3,442,008	822,017,385	238.82	5,026.61	0.00	0.00	56.73	420.91
Q2	5,580	5,055,474	621,145,384	122.87	2,110.64	0.00	0.00	67.82	177.91
Q3	6,471	6,117,003	1,341,980,875	219.39	4,651.52	0.00	0.00	70.33	368.45
Q4	6,072	6,443,354	938,799,810	145.70	1,237.74	0.00	0.00	112.45	178.96
Q5 (Richest 20%)	7,379	8,316,597	7,959,378,326	957.05	71,989.56	0.00	0.00	0.00	2,257.58
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	6,111	5,875,548	1,162,396,111	197.84	5,824.23	0.00	0.00	26.35	369.32
Q2	6,636	5,894,597	580,529,636	98.49	1,383.13	0.00	0.00	56.40	140.57
Q3	6,049	5,858,449	774,174,239	132.15	1,060.54	0.00	0.00	99.96	164.33
Q4	5,806	5,888,170	1,561,506,536	265.19	5,092.37	0.00	0.00	113.87	416.52
Q5 (Richest 20%)	4,858	5,857,672	7,604,715,257	1,298.25	85,661.77	0.00	0.00	0.00	3,138.87

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD=standard deviation, IQR=inter quartile range

Table 5.7: Health Expenditure by Sociodemographic (Among those who have any In-patient care, Dental care & Out- patient Care)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**11,678**	**11,409,584**	**11,683,321,779**	**1023.99**	**61,637.18**	**1.00**	**80.00**	**69.30**	**1,978.69**
State									
Johor	940	1,207,681	488,943,502	404.86	2,068.55	1.00	70.00	271.44	538.28
Kedah	721	738,427	586,738,511	794.58	12,290.64	0.00	40.00	0.00	1,935.74
Kelantan	896	774,018	101,449,659	131.07	1,353.84	0.00	26.07	46.36	215.78
Melaka	752	362,415	5,552,365,472	15320.46	344,089.16	0.00	26.07	0.00	45,284.43
Negeri Sembilan	758	427,309	233,109,714	545.53	3,608.95	0.00	40.00	275.29	815.76
Pahang	661	560,222	214,335,618	382.59	3,153.00	0.00	26.07	172.25	592.93
Pulau Pinang	736	633,192	415,684,206	656.49	4,100.38	3.00	101.00	322.79	990.19
Perak	729	861,834	279,692,946	324.53	1,402.74	0.00	50.00	190.05	459.01
Perlis	749	100,377	24,400,820	243.09	1,200.57	0.00	50.00	150.84	335.34
Selangor	1,653	2,344,438	2,237,726,260	954.48	8,569.19	15.00	180.00	521.09	1,387.88
Terengganu	746	453,180	89,817,412	198.19	1,466.82	0.00	26.07	46.43	349.96
Sabah & Labuan	1,093	1,365,406	356,830,702	261.34	1,283.23	2.00	56.00	167.72	354.95
Sarawak	603	903,092	756,916,589	838.14	10,160.37	1.00	60.00	139.83	1,536.45
WP Kuala Lumpur	338	644,559	332,368,815	515.65	2,359.67	5.00	130.36	306.08	725.23
WP Putrajaya	303	33,434	12,941,553	387.08	1,725.44	0.00	80.00	200.05	574.11
Location									
Urban	6,712	8,549,040	10,086,551,424	1179.85	71,030.45	1.00	100.00	0.00	2,448.49
Rural	4,966	2,860,544	1,596,770,355	558.21	8,687.04	0.00	36.00	189.07	927.34
Sex									
Male	5,192	5,413,401	9,112,851,622	1683.39	89,438.94	0.00	70.00	0.00	3,689.60
Female	6,486	5,996,183	2,570,470,157	428.68	2,685.03	1.00	80.00	348.88	508.49
Age Group (years)									
0 – 4	841	776,058	535,917,294	690.56	3,893.02	26.07	521.43	370.67	1,010.46
5 – 9	1,819	1,612,339	202,614,509	125.66	662.56	0.00	1.00	86.86	164.47
10 – 14	2,045	1,931,986	142,645,926	73.83	540.19	0.00	0.00	40.84	106.83
15 – 19	1,291	1,429,181	273,291,931	191.22	2,218.90	0.00	1.00	88.07	294.37
20 – 24	529	805,247	793,158,922	984.99	11,836.03	30.00	149.00	0.00	2,035.18
25 – 29	691	829,462	435,456,928	524.99	2,557.99	40.00	179.00	293.22	756.75
30 – 34	668	785,841	608,267,916	774.03	10,184.48	50.00	179.00	8.66	1,539.41
35 – 39	578	608,016	421,896,123	693.89	2,614.25	52.14	199.00	414.37	973.41
40 – 44	506	510,902	293,900,124	575.26	2,084.71	60.00	159.00	340.33	810.18
45 – 49	566	507,974	6,010,351,030	11832.01	290,812.63	50.00	149.00	0.00	33,036.49

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**11,678**	**11,409,584**	**11,683,321,779**	**1023.99**	**61,637.18**	**1.00**	**80.00**	**69.30**	**1,978.69**
50 – 54	592	473,868	239,392,923	505.19	1,743.87	27.07	119.00	312.32	698.06
55 – 59	469	371,925	817,531,299	2198.11	19,784.07	30.00	149.00	0.00	4,546.36
60 – 64	379	260,492	206,602,157	793.12	4,151.73	3.00	140.00	388.59	1,197.66
65 – 69	286	189,763	152,409,581	803.16	4,680.75	2.00	100.00	278.72	1,327.59
70 – 74	203	140,628	234,109,133	1664.74	5,773.07	26.07	782.14	699.37	2,630.11
75+	215	175,902	315,775,983	1795.18	6,728.52	1.00	730.00	746.00	2,844.36
Ethnicity[1]									
Malay	7,814	6,559,690	8,039,097,428	1225.53	81,033.20	0.00	50.00	0.00	2,876.98
Chinese	1,473	2,136,218	1,989,074,697	931.12	8,678.99	3.00	150.00	475.48	1,386.76
Indian	846	831,323	543,436,578	653.70	4,151.86	2.00	104.29	305.37	1,002.03
Bumiputera Sabah	696	738,668	166,918,070	225.97	1,229.99	2.00	43.00	112.18	339.76
Bumiputera Sarawak	295	507,847	540,364,726	1064.03	13,396.76	1.00	52.14	0.00	2,158.52
Orang Asli	29	21,764	1,410,994	64.83	221.94	0.00	0.00	0.00	133.39
Others	522	612,948	402,995,145	657.47	3,376.39	26.07	150.00	373.00	941.94
Citizenship									
Malaysian	11,433	11,077,832	11,228,827,973	1013.63	62,543.93	1.00	70.00	30.88	1,996.38
Non-Malaysia	245	331,752	454,493,806	1369.98	6,279.10	100.00	948.00	689.85	2,050.11
Marital status[3]									
Never Married	2,864	3,272,250	861,788,620	263.36	2,088.83	0.00	30.00	178.82	347.91
Married	4,330	4,143,647	9,686,459,025	2337.67	102,235.95	40.00	150.00	0.00	4,959.38
Widow/Widower/Divorcee	569	414,447	300,402,252	724.83	3,117.18	6.00	135.00	442.56	1,007.09
Education level[3]									
No formal education	550	462,668	378,657,539	818.42	4,191.37	26.07	260.71	460.56	1,176.28
Primary	4,172	3,764,023	1,027,118,073	272.88	2,593.85	0.00	20.00	181.14	364.61
Secondary	3,513	3,597,769	2,426,936,588	674.57	9,808.78	2.00	80.00	302.78	1,046.36
Tertiary	1,649	1,948,578	7,298,488,671	3745.55	148,481.35	70.00	285.79	0.00	9,265.37
Unclassified	685	634,767	84,040,094	132.40	1,899.78	0.00	0.00	40.30	224.49
Occupation[3]									
Government /Semi- government employee	824	726,715	5,908,498,667	8130.42	243,099.89	26.07	150.00	0.00	22,965.08
Private employee	1,713	2,180,222	2,196,196,352	1007.33	11,015.26	46.07	199.00	420.19	1,594.47
Self-employed	983	912,543	580,176,468	635.78	3,465.46	50.00	148.00	397.68	873.88
Unpaid worker/homemaker	1,146	1,003,049	699,674,880	697.55	3,914.88	35.00	149.00	387.80	1,007.29
Retiree	257	194,144	310,474,099	1599.19	6,725.50	20.00	150.00	724.22	2,474.17
Unemployed	1,049	924,491	950,560,604	1028.20	10,076.62	1.00	80.00	425.62	1,630.77
Student[4]	1,790	1,888,263	203,067,909	107.54	642.15	0.00	0.00	70.49	144.59

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**11,678**	**11,409,584**	**11,683,321,779**	**1023.99**	**61,637.18**	**1.00**	**80.00**	**69.30**	**1,978.69**
Household Income Group (RM)									
Less than RM1,000	1,721	1,496,774	838,964,844	560.52	7,612.66	1.00	50.00	145.99	975.04
RM1,000 – RM1,999	2,132	1,833,134	627,834,826	342.49	3,502.22	0.00	28.00	190.18	494.81
RM2,000 – RM2,999	2,017	1,836,359	1,185,021,576	645.31	8,422.82	0.00	50.00	151.49	1,139.13
RM3,000 – RM3,999	1,463	1,500,912	494,669,241	329.58	2,132.91	0.00	50.00	221.06	438.10
RM4,000 – RM4,999	1,026	1,084,162	449,472,367	414.58	1,877.75	1.00	100.00	281.46	547.70
RM5,000 – RM5,999	839	899,628	313,338,033	348.30	1,460.19	1.00	100.00	233.14	463.45
RM6,000 – RM6,999	549	606,280	260,891,031	430.31	1,381.75	1.00	130.00	253.58	607.05
RM7,000 – RM7,999	478	477,552	287,141,903	601.28	2,422.87	1.00	130.00	351.78	850.78
RM8,000 – RM8,999	387	406,821	327,548,310	805.14	3,847.57	1.00	150.00	310.06	1,300.23
RM9,000 – RM9,999	197	207,290	70,328,063	339.27	1,209.48	2.00	140.00	118.51	560.03
RM10,000 and above	869	1,060,672	6,828,111,586	6437.53	201,570.55	54.14	250.00	0.00	16,660.45
Household Income Quintiles									
Q1 (Poorest 20%)	1,454	1,277,094	822,017,385	643.66	8,238.18	1.00	52.00	159.82	1,127.51
Q2	2,174	1,893,434	621,145,384	328.05	3,439.52	0.00	27.07	181.09	475.01
Q3	2,563	2,356,358	1,341,980,875	569.51	7,482.08	0.00	50.00	183.29	955.74
Q4	2,391	2,496,193	938,799,810	376.09	1,966.93	1.00	80.00	293.23	458.96
Q5 (Richest 20%)	3,096	3,386,505	7,959,378,326	2350.32	112,810.96	2.00	150.00	0.00	5,542.41
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	2,152	1,974,615	1,162,396,111	588.67	10,036.70	1.00	46.00	80.58	1,096.76
Q2	2,641	2,322,720	580,529,636	249.94	2,195.03	0.00	40.00	143.90	355.97
Q3	2,432	2,305,220	774,174,239	335.84	1,670.53	1.00	52.14	255.06	416.61
Q4	2,412	2,396,741	1,561,506,536	651.51	7,966.95	1.00	80.00	277.21	1,025.81
Q5 (Richest 20%)	2,041	2,410,288	7,604,715,257	3155.11	133,538.19	26.07	180.00	0.00	7,625.92

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD= standard deviation; IQR=inter quartile range

Table 5.8: Percapita Health Expenditure for In-patient Care by Sociodemographic (In-patient care and Out-patient Care)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**2,404,091,324**	**81.84**	**1,980.89**	**0.00**	**0.00**	**56.35**	**107.34**
State									
Johor	2,570	3,394,793	279,896,340	82.45	1,187.32	0.00	0.00	36.00	128.89
Kedah	1,880	1,965,392	67,162,349	34.17	456.10	0.00	0.00	15.35	53.00
Kelantan	1,887	1,638,409	38,024,138	23.21	593.01	0.00	0.00	0.00	49.05
Melaka	1,730	831,355	32,414,085	38.99	508.11	0.00	0.00	7.78	70.20
Negeri Sembilan	1,834	1,001,346	155,722,400	155.51	2,141.49	0.00	0.00	63.19	247.83
Pahang	1,821	1,544,095	75,883,320	49.14	542.90	0.00	0.00	21.59	76.69
Pulau Pinang	1,878	1,639,851	162,842,562	99.30	1,183.93	0.00	0.00	37.62	160.98
Perak	1,976	2,350,221	171,397,149	72.93	796.80	0.00	0.00	24.52	121.33
Perlis	1,814	235,217	12,671,611	53.87	744.35	0.00	0.00	19.50	88.24
Selangor	4,117	5,828,226	767,984,863	131.77	1,681.66	0.00	0.00	75.08	188.46
Terengganu	1,865	1,111,020	36,359,558	32.73	779.90	0.00	0.00	0.00	74.01
Sabah & Labuan	2,610	3,478,079	96,225,405	27.67	365.35	0.00	0.00	8.64	46.69
Sarawak	1,769	2,575,789	359,141,394	139.43	5,617.45	0.00	0.00	0.00	375.39
WP Kuala Lumpur	906	1,694,692	145,094,752	85.62	904.95	0.00	0.00	21.75	149.49
WP Putrajaya	803	85,951	3,271,399	38.06	453.37	0.00	0.00	9.45	66.68
Location									
Urban	16,880	22,078,004	1,845,317,334	83.58	1,148.53	0.00	0.00	64.22	102.94
Rural	12,580	7,296,432	558,773,989	76.58	3,436.02	0.00	0.00	0.00	160.75
Sex									
Male	14,225	15,152,521	1,301,927,279	85.92	2,517.14	0.00	0.00	42.01	129.83
Female	15,235	14,221,915	1,102,164,044	77.50	1,163.73	0.00	0.00	52.70	102.29
Age Group (years)									
0 – 4	2,689	2,493,194	131,087,209	52.58	1,024.52	0.00	0.00	4.29	100.86
5 – 9	2,688	2,404,971	51,272,803	21.32	283.20	0.00	0.00	7.97	34.66
10 – 14	2,638	2,560,348	77,625,690	30.32	410.07	0.00	0.00	8.53	52.10
15 – 19	2,291	2,637,756	70,157,725	26.60	418.17	0.00	0.00	0.88	52.32
20 – 24	1,928	2,855,609	165,663,501	58.01	560.73	0.00	0.00	27.51	88.52
25 – 29	2,176	2,786,488	160,207,847	57.49	462.69	0.00	0.00	35.06	79.93
30 – 34	2,096	2,632,625	446,563,447	169.63	5,559.53	0.00	0.00	0.00	401.23
35 – 39	1,915	2,079,356	206,467,219	99.29	1,090.75	0.00	0.00	25.27	173.31
40 – 44	1,797	1,856,980	160,798,537	86.59	1,050.85	0.00	0.00	23.60	149.59
45 – 49	1,869	1,678,339	254,575,277	151.68	2,650.10	0.00	0.00	0.00	311.62

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**2,404,091,324**	**81.84**	**1,980.89**	**0.00**	**0.00**	**56.35**	**107.34**
50 – 54	1,897	1,511,790	103,628,886	68.55	776.00	0.00	0.00	23.17	113.92
55 – 59	1,682	1,265,329	199,376,920	157.57	1,766.30	0.00	0.00	65.78	249.36
60 – 64	1,345	939,677	105,601,555	112.38	1,874.95	0.00	0.00	18.99	205.78
65 – 69	1,015	696,123	75,941,628	109.09	1,451.59	0.00	0.00	0.00	225.89
70 – 74	685	404,506	101,642,636	251.28	2,102.01	0.00	0.00	11.11	491.44
75+	749	571,345	93,480,445	163.61	1,285.07	0.00	0.00	45.84	281.39
Ethnicity[3]									
Malay	18,879	15,420,455	968,076,514	62.78	940.93	0.00	0.00	46.96	78.60
Chinese	4,246	6,272,115	649,439,628	103.54	1,129.53	0.00	0.00	64.59	142.49
Indian	1,985	1,924,991	304,350,091	158.10	2,478.30	0.00	0.00	19.31	296.90
Bumiputera Sabah	1,414	1,536,737	22,483,686	14.63	206.43	0.00	0.00	1.15	28.12
Bumiputera Sarawak	776	1,303,400	276,072,255	211.81	7,869.33	0.00	0.00	0.00	616.09
Orang Asli	115	79,830	64,000	0.80	11.35	0.00	0.00	0.00	1.78
Others	2,025	2,816,011	183,605,150	65.20	614.55	0.00	0.00	25.57	104.83
Citizenship									
Malaysian	27,877	27,024,893	2,239,028,077	82.85	2,056.61	0.00	0.00	57.50	108.20
Non-Malaysia	1,570	2,328,664	165,063,247	70.88	641.03	0.00	0.00	23.20	118.57
Marital status[3]									
Never Married	6,687	8,289,474	268,796,789	32.43	555.78	0.00	0.00	12.99	51.86
Married	13,860	13,224,116	1,795,913,444	135.81	2,862.88	0.00	0.00	81.68	189.93
Widow/Widower/Divorcee	1,941	1,404,957	94,973,037	67.60	860.91	0.00	0.00	24.92	110.27
Education level[3]									
No formal education	1,995	1,764,062	103,389,421	58.61	1,182.80	0.00	0.00	0.00	125.85
Primary	8,611	7,764,933	530,760,686	68.35	1,364.31	0.00	0.00	30.66	106.05
Secondary	10,354	10,698,154	810,301,369	75.74	2,863.58	0.00	0.00	22.56	128.93
Tertiary	4,403	5,284,934	850,277,250	160.89	1,244.40	0.00	0.00	117.21	204.56
Unclassified	1,043	1,049,939	32,790,858	31.23	1,413.22	0.00	0.00	0.00	75.40
Occupation[3]									
Government /Semi- government employee	2,195	1,925,466	155,286,861	80.65	798.64	0.00	0.00	37.28	124.02
Private employee	6,206	8,137,548	481,786,087	59.21	694.14	0.00	0.00	38.50	79.91
Self-employed	3,892	3,459,064	239,019,429	69.10	965.28	0.00	0.00	22.06	116.14
Unpaid worker/homemaker	3,352	2,913,131	471,917,200	162.00	2,148.37	0.00	0.00	61.33	262.66
Retiree	786	609,294	175,606,530	288.21	3,060.31	0.00	0.00	68.25	508.17
Unemployed	3,401	2,921,854	572,901,193	196.07	5,369.95	0.00	0.00	10.92	381.23
Student[4]	2,668	2,972,927	63,165,970	21.25	258.42	0.00	0.00	5.28	37.21

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**2,404,091,324**	**81.84**	**1,980.89**	**0.00**	**0.00**	**56.35**	**107.34**
Household Income Group (RM)									
Less than RM1,000	4,638	4,022,873	538,065,834	133.75	4,548.08	0.00	0.00	0.00	286.26
RM1,000 – RM1,999	5,450	4,893,775	216,314,096	44.20	918.26	0.00	0.00	19.91	68.49
RM2,000 – RM2,999	5,053	4,772,189	456,097,157	95.57	1,878.87	0.00	0.00	26.61	164.53
RM3,000 – RM3,999	3,743	3,820,067	162,491,267	42.54	588.29	0.00	0.00	20.84	64.23
RM4,000 – RM4,999	2,663	2,886,709	224,913,852	77.91	953.92	0.00	0.00	34.26	121.57
RM5,000 – RM5,999	2,041	2,270,353	141,917,199	62.51	838.78	0.00	0.00	20.39	104.62
RM6,000 – RM6,999	1,367	1,465,749	69,813,803	47.63	514.85	0.00	0.00	10.41	84.85
RM7,000 – RM7,999	1,143	1,206,329	133,545,695	110.70	1,000.38	0.00	0.00	41.27	180.14
RM8,000 – RM8,999	913	1,008,764	126,035,263	124.94	1,212.51	0.00	0.00	26.55	223.33
RM9,000 – RM9,999	459	498,253	29,375,916	58.96	708.57	0.00	0.00	0.00	137.46
RM10,000 and above	1,990	2,529,375	305,521,243	120.79	930.92	0.00	0.00	68.14	173.44
Household Income Quintiles									
Q1 (Poorest 20%)	3,958	3,442,008	533,996,750	155.14	4,916.59	0.00	0.00	0.00	333.16
Q2	5,580	5,055,474	208,490,978	41.24	893.44	0.00	0.00	17.98	64.50
Q3	6,471	6,117,003	511,059,779	83.55	1,675.21	0.00	0.00	29.48	137.61
Q4	6,072	6,443,354	393,950,788	61.14	792.86	0.00	0.00	37.41	84.87
Q5 (Richest 20%)	7,379	8,316,597	756,593,029	90.97	904.18	0.00	0.00	65.57	116.38
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	6,111	5,875,548	465,061,756	79.15	3,774.23	0.00	0.00	0.00	172.02
Q2	6,636	5,894,597	196,270,971	33.30	435.44	0.00	0.00	14.07	52.52
Q3	6,049	5,858,449	250,351,580	42.73	588.78	0.00	0.00	25.53	59.94
Q4	5,806	5,888,170	571,428,643	97.05	1,274.59	0.00	0.00	64.14	129.96
Q5 (Richest 20%)	4,858	5,857,672	920,978,374	157.23	1,791.99	0.00	0.00	95.97	218.48

Notes:

1. Some cells have respondent count < 30. Results should be interpreted with caution.
2. Due to rounding some totals may not correspond with the sum of the separate figures.
3. Not including missing "Don't know", "Refuse to answer" & "Not Applicable"
4. "Student" include those who age <13 years old and not working.
5. SD=standard deviation, IQR=inter quartile range

Table 5.9: Health Expenditure for In-patient Care by Sociodemographic (Among those who have In-patient Care in last 12 months)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,274**	**2,239,240**	**2,404,091,324**	**1,073.62**	**7,101.38**	**25.00**	**189.00**	**750.03**	**1,397.21**
State									
Johor	185	240,265	279,896,340	1,164.95	4,330.28	22.00	150.00	504.01	1,825.89
Kedah	153	169,603	67,162,349	396.00	1,510.29	3.00	100.00	163.49	628.50
Kelantan	118	98,245	38,024,138	387.03	2,401.97	15.00	60.00	0.00	821.64
Melaka	154	72,782	32,414,085	445.36	1,668.67	0.00	50.00	118.41	772.31
Negeri Sembilan	165	99,040	155,722,400	1,572.32	6,662.03	1.00	150.00	717.70	2,426.94
Pahang	157	122,102	75,883,320	621.47	1,841.50	25.00	130.00	284.32	958.63
Pulau Pinang	148	125,197	162,842,562	1,300.69	4,111.11	30.00	304.00	493.49	2,107.89
Perak	161	194,791	171,397,149	879.90	2,643.79	18.00	200.00	390.52	1,369.28
Perlis	160	21,084	12,671,611	601.01	2,426.05	30.00	150.00	228.12	973.90
Selangor	330	495,581	767,984,863	1,549.67	5,580.98	30.00	700.00	885.37	2,213.96
Terengganu	117	68,404	36,359,558	531.54	3,113.11	15.00	50.00	0.00	1,202.03
Sabah & Labuan	196	260,575	96,225,405	369.28	1,289.71	35.00	155.00	102.06	636.50
Sarawak	104	146,247	359,141,394	2,455.72	23,560.87	50.00	180.00	0.00	6,265.70
WP Kuala Lumpur	63	119,025	145,094,752	1,219.03	3,229.72	51.00	1,500.00	449.01	1,989.05
WP Putrajaya	63	6,299	3,271,399	519.35	1,610.08	0.00	1.00	136.59	902.12
Location									
Urban	1,304	1,692,472	1,845,317,334	1,090.31	4,015.15	20.00	250.00	844.14	1,336.48
Rural	970	546,768	558,773,989	1,021.96	12,519.32	30.00	102.00	0.00	2,109.70
Sex									
Male	960	973,648	1,301,927,279	1,337.16	9,850.15	10.00	170.00	685.68	1,988.65
Female	1,314	1,265,592	1,102,164,044	870.87	3,812.80	33.00	200.00	597.84	1,143.90
Age Group (years)									
0 – 4	279	257,092	131,087,209	509.88	3,158.78	20.00	92.00	43.31	976.46
5 – 9	103	93,133	51,272,803	550.53	1,340.30	30.00	150.00	229.08	871.98
10 – 14	93	96,866	77,625,690	801.37	1,966.39	0.00	300.00	279.00	1,323.74
15 – 19	103	128,882	70,157,725	544.36	1,824.24	0.00	70.00	35.42	1,053.30
20 – 24	176	277,364	165,663,501	597.28	1,711.70	35.00	140.00	292.84	901.72
25 – 29	244	271,394	160,207,847	590.31	1,374.86	45.00	250.00	378.07	802.56
30 – 34	217	261,840	446,563,447	1,705.48	17,590.36	50.00	366.00	0.00	3,947.65
35 – 39	152	148,471	206,467,219	1,390.62	3,867.33	50.00	500.00	397.94	2,383.31
40 – 44	109	99,600	160,798,537	1,614.44	4,275.30	30.00	300.00	512.73	2,716.16
45 – 49	109	88,209	254,575,277	2,886.05	11,261.73	46.00	500.00	0.00	5,846.76

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,274**	**2,239,240**	**2,404,091,324**	**1,073.62**	**7,101.38**	**25.00**	**189.00**	**750.03**	**1,397.21**
50 – 54	146	106,857	103,628,886	969.79	2,773.74	10.00	181.00	354.62	1,584.96
55 – 59	141	118,853	199,376,920	1,677.51	5,555.50	22.00	200.00	730.78	2,624.23
60 – 64	116	76,879	105,601,555	1,373.61	6,446.89	0.00	150.00	262.99	2,484.22
65 – 69	97	63,736	75,941,628	1,191.50	4,682.67	20.00	150.00	0.00	2,446.00
70 – 74	85	56,953	101,642,636	1,784.68	5,379.56	0.00	50.00	47.07	3,522.28
75+	104	93,111	93,480,445	1,003.97	3,060.42	0.00	145.00	335.08	1,672.86
Ethnicity[3]									
Malay	1,544	1,321,379	968,076,514	732.63	3,138.00	10.00	130.00	553.98	911.27
Chinese	235	348,401	649,439,628	1,864.06	4,445.82	50.00	1,500.00	1,239.46	2,488.66
Indian	185	190,417	304,350,091	1,598.33	7,751.31	8.00	250.00	211.81	2,984.86
Bumiputera Sabah	137	145,777	22,483,686	154.23	656.15	30.00	80.00	13.28	295.19
Bumiputera Sarawak	60	89,002	276,072,255	3,101.87	30,198.59	40.00	92.00	0.00	8,773.17
Orang Asli	9	4,863	64,000	13.16	46.63	0.00	0.00	7.24	19.08
Others	104	139,401	183,605,150	1,317.10	2,456.57	300.00	962.00	614.18	2,020.02
Citizenship									
Malaysian	2,208	2,134,847	2,239,028,077	1,048.80	7,249.26	20.00	150.00	735.16	1,362.44
Non-Malaysia	66	104,393	165,063,247	1,581.17	2,622.30	500.00	1,400.00	694.33	2,468.02
Marital status[3]									
Never Married	291	390,608	268,796,789	688.15	2,474.71	0.00	100.00	286.01	1,090.29
Married	1,378	1,318,704	1,795,913,444	1,361.88	8,976.31	45.00	250.00	838.13	1,885.62
Widow/Widower/Divorcee	169	123,111	94,973,037	771.44	2,820.99	0.00	100.00	293.44	1,249.45
Education level[4]									
No formal education	175	145,857	103,389,421	708.84	4,067.61	22.00	100.00	0.00	1,512.02
Primary	578	507,343	530,760,686	1,046.16	5,244.92	20.00	200.00	472.66	1,619.65
Secondary	737	741,670	810,301,369	1,092.54	10,831.37	20.00	135.00	332.83	1,852.24
Tertiary	477	556,827	850,277,250	1,527.00	3,554.51	45.00	1,000.00	1,154.34	1,899.67
Unclassified	37	40,830	32,790,858	803.11	7,217.77	0.00	92.00	0.00	1,925.11
Occupation[5]									
Government /Semi- government employee	211	198,587	155,286,861	781.96	2,379.03	0.00	140.00	376.98	1,186.94
Private employee	412	506,901	481,786,087	950.45	2,627.46	31.00	300.00	639.77	1,261.13
Self-employed	237	196,558	239,019,429	1,216.02	3,880.97	45.00	160.00	421.47	2,010.58
Unpaid worker/ homemaker	392	383,916	471,917,200	1,229.22	5,812.57	74.00	281.00	481.79	1,976.65
Retiree	90	64,720	175,606,530	2,713.33	9,077.05	0.00	80.00	754.90	4,671.76
Unemployed	395	353,353	572,901,193	1,621.33	15,383.90	1.00	101.00	85.08	3,157.58
Student[6]	101	128,388	63,165,970	491.99	1,152.11	0.00	50.00	150.40	833.59

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,274**	**2,239,240**	**2,404,091,324**	**1,073.62**	**7,101.38**	**25.00**	**189.00**	**750.03**	**1,397.21**
Household Income Group (RM)									
Less than RM1,000	367	336,250	538,065,834	1,600.20	15,676.22	35.00	150.00	0.00	3,365.14
RM1,000 – RM1,999	430	358,105	216,314,096	604.05	3,347.96	30.00	100.00	287.63	920.48
RM2,000 – RM2,999	399	374,117	456,097,157	1,219.13	6,615.23	30.00	150.00	344.91	2,093.35
RM3,000 – RM3,999	279	290,776	162,491,267	558.82	2,066.95	15.00	120.00	278.44	839.20
RM4,000 – RM4,999	219	233,614	224,913,852	962.76	3,230.44	20.00	200.00	438.01	1,487.51
RM5,000 – RM5,999	139	152,695	141,917,199	929.42	3,117.67	10.00	220.00	363.05	1,495.78
RM6,000 – RM6,999	95	101,800	69,813,803	685.79	1,847.16	10.00	260.00	209.69	1,161.90
RM7,000 – RM7,999	82	77,159	133,545,695	1,730.79	3,603.73	100.00	1,700.00	814.80	2,646.77
RM8,000 – RM8,999	73	83,959	126,035,263	1,501.15	3,974.33	2.00	700.00	418.92	2,583.39
RM9,000 – RM9,999	32	30,993	29,375,916	947.82	2,728.37	0.00	180.00	0.00	2,161.77
RM10,000 and above	159	199,772	305,521,243	1,529.35	2,978.03	30.00	2,000.00	973.76	2,084.94
Household Income Quintiles									
Q1 (Poorest 20%)	315	287,415	533,996,750	1,857.93	16,945.86	44.50	180.00	0.00	3,905.36
Q2	439	379,674	208,490,978	549.13	3,220.51	17.00	100.00	251.16	847.10
Q3	503	478,020	511,059,779	1,069.12	5,909.44	20.00	150.00	377.15	1,761.08
Q4	470	494,650	393,950,788	796.42	2,760.03	20.00	159.00	493.45	1,099.39
Q5 (Richest 20%)	547	599,481	756,593,029	1,262.08	3,143.29	20.00	700.00	957.88	1,566.28
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	474	434,491	465,061,756	1,070.36	13,854.34	35.00	130.00	0.00	2,301.22
Q2	523	502,297	196,270,971	390.75	1,445.35	20.00	100.00	172.94	608.56
Q3	462	412,352	250,351,580	607.13	2,142.83	20.00	150.00	380.23	834.03
Q4	462	444,553	571,428,643	1,285.40	4,475.50	9.00	250.00	869.69	1,701.11
Q5 (Richest 20%)	353	445,547	920,978,374	2,067.07	6,194.42	60.00	1,800.00	1,287.41	2,846.74

Notes:

1. [1]Caution: some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD=standard deviation; IQR=inter quartile range

Table 5.10: Percapita Health Expenditure to Government Health Facilities for In-patient Care by Sociodemographic

Sociodemographic characteristics	Count[1]	Estimated Population[1]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**935,013,491**	**31.83**	**1,819.98**	**0.00**	**0.00**	**8.57**	**55.09**
State									
Johor	2,570	3,394,793	110,273,095	32.48	1,002.13	0.00	0.00	0.00	71.58
Kedah	1,880	1,965,392	31,477,149	16.02	282.89	0.00	0.00	3.60	28.43
Kelantan	1,887	1,638,409	4,474,206	2.73	33.06	0.00	0.00	1.29	4.18
Melaka	1,730	831,355	2,966,885	3.57	34.65	0.00	0.00	1.27	5.87
Negeri Sembilan	1,834	1,001,346	10,125,029	10.11	198.34	0.00	0.00	2.25	17.97
Pahang	1,821	1,544,095	7,667,396	4.97	53.82	0.00	0.00	2.35	7.58
Pulau Pinang	1,878	1,639,851	27,804,997	16.96	255.24	0.00	0.00	0.00	36.78
Perak	1,976	2,350,221	10,856,849	4.62	50.20	0.00	0.00	2.63	6.60
Perlis	1,814	235,217	945,163	4.02	27.38	0.00	0.00	2.47	5.57
Selangor	4,117	5,828,226	260,051,265	44.62	1,406.15	0.00	0.00	0.00	90.35
Terengganu	1,865	1,111,020	15,690,158	14.12	466.53	0.00	0.00	0.00	35.74
Sabah & Labuan	2,610	3,478,079	69,590,305	20.01	328.54	0.00	0.00	2.21	37.80
Sarawak	1,769	2,575,789	334,928,844	130.03	5,611.93	0.00	0.00	0.00	365.95
WP Kuala Lumpur	906	1,694,692	47,776,652	28.19	436.63	0.00	0.00	0.00	57.90
WP Putrajaya	803	85,951	385,499	4.49	70.82	0.00	0.00	1.37	7.60
Location									
Urban	16,880	22,078,004	540,276,574	24.47	850.45	0.00	0.00	10.55	38.40
Rural	12,580	7,296,432	394,736,917	54.10	3,338.61	0.00	0.00	0.00	137.46
Sex									
Male	14,225	15,152,521	569,039,085	37.55	2,359.64	0.00	0.00	0.00	78.82
Female	15,235	14,221,915	365,974,406	25.73	953.60	0.00	0.00	6.16	45.31
Age Group (years)									
0 – 4	2,689	2,493,194	72,200,327	28.96	974.01	0.00	0.00	0.00	75.45
5 – 9	2,688	2,404,971	3,636,903	1.51	21.17	0.00	0.00	0.45	2.57
10 – 14	2,638	2,560,348	7,761,140	3.03	83.80	0.00	0.00	0.00	7.27
15 – 19	2,291	2,637,756	51,655,725	19.58	384.41	0.00	0.00	0.00	44.21
20 – 24	1,928	2,855,609	33,531,174	11.74	154.08	0.00	0.00	1.48	22.00
25 – 29	2,176	2,786,488	42,176,893	15.14	192.03	0.00	0.00	5.50	24.78
30 – 34	2,096	2,632,625	345,277,509	131.15	5,545.21	0.00	0.00	0.00	361.56
35 – 39	1,915	2,079,356	21,525,239	10.35	108.37	0.00	0.00	4.01	16.69
40 – 44	1,797	1,856,980	18,286,937	9.85	356.88	0.00	0.00	0.00	23.05
45 – 49	1,869	1,678,339	159,599,064	95.09	2,544.53	0.00	0.00	0.00	252.11

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**935,013,491**	**31.83**	**1,819.98**	**0.00**	**0.00**	**8.57**	**55.09**
50 – 54	1,897	1,511,790	9,203,194	6.09	81.07	0.00	0.00	2.32	9.86
55 – 59	1,682	1,265,329	80,155,850	63.35	1,010.44	0.00	0.00	4.64	122.05
60 – 64	1,345	939,677	42,760,791	45.51	824.69	0.00	0.00	0.00	105.15
65 – 69	1,015	696,123	9,844,564	14.14	260.40	0.00	0.00	0.00	31.33
70 – 74	685	404,506	15,115,736	37.37	709.02	0.00	0.00	0.00	99.00
75+	749	571,345	22,282,445	39.00	380.75	0.00	0.00	0.00	95.96
Ethnicity[3]									
Malay	18,879	15,420,455	281,526,180	18.26	550.56	0.00	0.00	8.18	28.33
Chinese	4,246	6,272,115	62,862,533	10.02	254.94	0.00	0.00	3.14	16.91
Indian	1,985	1,924,991	165,034,676	85.73	2,364.43	0.00	0.00	0.00	219.31
Bumiputera Sabah	1,414	1,536,737	12,206,086	7.94	62.84	0.00	0.00	4.14	11.75
Bumiputera Sarawak	776	1,303,400	276,072,255	211.81	7,869.33	0.00	0.00	0.00	616.09
Orang Asli	115	79,830	64,000	0.80	11.35	0.00	0.00	0.00	1.78
Others	2,025	2,816,011	137,247,762	48.74	527.87	0.00	0.00	11.38	86.10
Citizenship									
Malaysian	27,877	27,024,893	787,113,232	29.13	1,888.37	0.00	0.00	6.58	51.67
Non-Malaysia	1,570	2,328,664	147,900,259	63.51	630.84	0.00	0.00	16.53	110.49
Marital status[3]									
Never Married	6,687	8,289,474	57,216,752	6.90	161.17	0.00	0.00	2.46	11.34
Married	13,860	13,224,116	785,126,696	59.37	2,675.68	0.00	0.00	8.55	110.20
Widow/Widower/Divorcee	1,941	1,404,957	9,851,021	7.01	76.81	0.00	0.00	2.22	11.81
Education level[3]									
No formal education	1,995	1,764,062	71,053,397	40.28	1,158.57	0.00	0.00	0.00	106.08
Primary	8,611	7,764,933	280,296,544	36.10	1,214.30	0.00	0.00	0.94	71.25
Secondary	10,354	10,698,154	385,024,682	35.99	2,768.92	0.00	0.00	0.00	85.82
Tertiary	4,403	5,284,934	176,827,106	33.46	523.72	0.00	0.00	12.36	54.56
Unclassified	1,043	1,049,939	7,634,754	7.27	95.18	0.00	0.00	0.00	19.80
Occupation[3]									
Government /Semi- government employee	2,195	1,925,466	25,860,881	13.43	224.65	0.00	0.00	1.48	25.38
Private employee	6,206	8,137,548	68,271,080	8.39	214.14	0.00	0.00	0.53	16.25
Self-employed	3,892	3,459,064	31,032,840	8.97	202.16	0.00	0.00	1.89	16.05
Unpaid worker/homemaker	3,352	2,913,131	305,633,459	104.92	2,070.72	0.00	0.00	7.47	202.36
Retiree	786	609,294	10,394,086	17.06	237.91	0.00	0.00	0.00	37.89
Unemployed	3,401	2,921,854	396,922,853	135.85	5,288.05	0.00	0.00	0.00	318.07
Student[4]	2,668	2,972,927	14,079,270	4.74	111.55	0.00	0.00	0.00	10.58

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**935,013,491**	**31.83**	**1,819.98**	**0.00**	**0.00**	**8.57**	**55.09**
Household Income Group (RM)									
Less than RM1,000	4,638	4,022,873	404,001,542	100.43	4,500.05	0.00	0.00	0.00	251.68
RM1,000 – RM1,999	5,450	4,893,775	59,899,396	12.24	264.91	0.00	0.00	5.31	19.17
RM2,000 – RM2,999	5,053	4,772,189	269,831,127	56.54	1,675.09	0.00	0.00	0.00	117.62
RM3,000 – RM3,999	3,743	3,820,067	27,564,807	7.22	126.45	0.00	0.00	3.15	11.28
RM4,000 – RM4,999	2,663	2,886,709	24,929,732	8.64	103.99	0.00	0.00	4.77	12.51
RM5,000 – RM5,999	2,041	2,270,353	58,817,039	25.91	706.64	0.00	0.00	0.00	57.14
RM6,000 – RM6,999	1,367	1,465,749	10,151,533	6.93	83.87	0.00	0.00	0.00	15.95
RM7,000 – RM7,999	1,143	1,206,329	28,461,965	23.59	647.92	0.00	0.00	0.00	64.74
RM8,000 – RM8,999	913	1,008,764	33,639,013	33.35	545.33	0.00	0.00	0.00	76.85
RM9,000 – RM9,999	459	498,253	1,367,001	2.74	47.27	0.00	0.00	0.00	5.79
RM10,000 and above	1,990	2,529,375	16,350,337	6.46	130.17	0.00	0.00	1.18	11.75
Household Income Quintiles									
Q1 (Poorest 20%)	3,958	3,442,008	399,987,862	116.21	4,864.80	0.00	0.00	0.00	292.82
Q2	5,580	5,055,474	52,173,874	10.32	223.38	0.00	0.00	4.40	16.24
Q3	6,471	6,117,003	283,300,549	46.31	1,484.81	0.00	0.00	0.00	94.05
Q4	6,072	6,443,354	52,287,908	8.12	119.78	0.00	0.00	5.19	11.04
Q5 (Richest 20%)	7,379	8,316,597	147,263,298	17.71	489.62	0.00	0.00	5.77	29.65
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	6,111	5,875,548	424,685,242	72.28	3,769.81	0.00	0.00	0.00	165.05
Q2	6,636	5,894,597	95,446,546	16.19	253.85	0.00	0.00	2.22	30.16
Q3	6,049	5,858,449	62,924,246	10.74	242.77	0.00	0.00	3.39	18.09
Q4	5,806	5,888,170	131,220,578	22.29	558.68	0.00	0.00	6.56	38.01
Q5 (Richest 20%)	4,858	5,857,672	220,736,879	37.68	1,384.80	0.00	0.00	0.00	83.19

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working.
5. 95% CI = 95% Confidence Interval; SD=standard deviation, IQR=inter quartile range

Table 5.11: Health Expenditure to Government Health Facilities for In-patient Care by Sociodemographic (Among those who had In-p patient Care in last 12 months)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,274**	**2,239,240**	**935,013,491**	**417.56**	**6,580.86**	**0.00**	**60.00**	**115.47**	**719.65**
State									
Johor	185	240,265	110,273,095	458.96	3,750.25	0.00	50.00	0.00	1,018.51
Kedah	153	169,603	31,477,149	185.59	949.37	0.00	60.00	39.94	331.24
Kelantan	118	98,245	4,474,206	45.54	128.08	1.00	45.00	24.55	66.53
Melaka	154	72,782	2,966,885	40.76	110.78	0.00	36.00	15.62	65.91
Negeri Sembilan	165	99,040	10,125,029	102.23	624.86	0.00	1.00	26.48	177.99
Pahang	157	122,102	7,667,396	62.80	182.19	0.00	50.00	33.93	91.66
Pulau Pinang	148	125,197	27,804,997	222.09	901.53	0.00	40.00	0.00	481.70
Perak	161	194,791	10,856,849	55.74	166.47	0.00	50.00	35.48	75.99
Perlis	160	21,084	945,163	44.83	81.05	0.00	60.00	30.42	59.23
Selangor	330	495,581	260,051,265	524.74	4,802.68	0.00	45.00	0.00	1,066.50
Terengganu	117	68,404	15,690,158	229.37	1,874.51	10.00	50.00	0.00	589.24
Sabah & Labuan	196	260,575	69,590,305	267.06	1,175.27	23.00	115.00	19.07	515.06
Sarawak	104	146,247	334,928,844	2,290.16	23,553.35	45.00	130.00	0.00	6,118.32
WP Kuala Lumpur	63	119,025	47,776,652	401.40	1,613.35	0.00	100.00	10.28	792.53
WP Putrajaya	63	6,299	385,499	61.20	256.76	0.00	0.00	19.66	102.74
Location									
Urban	1,304	1,692,472	540,276,574	319.22	3,057.37	0.00	50.00	136.84	501.60
Rural	970	546,768	394,736,917	721.95	12,182.09	20.00	90.00	0.00	1,809.17
Sex									
Male	960	973,648	569,039,085	584.44	9,295.98	0.00	47.00	0.00	1,215.27
Female	1,314	1,265,592	365,974,406	289.17	3,185.84	0.00	70.00	69.46	508.89
Age Group (years)									
0 – 4	279	257,092	72,200,327	280.83	3,026.34	10.00	50.00	0.00	731.28
5 – 9	103	93,133	3,636,903	39.05	101.02	0.00	30.00	13.63	64.47
10 – 14	93	96,866	7,761,140	80.12	425.80	0.00	1.00	0.00	190.42
15 – 19	103	128,882	51,655,725	400.80	1,702.46	0.00	50.00	0.00	892.48
20 – 24	176	277,364	33,531,174	120.89	482.10	1.00	60.00	17.04	224.75
25 – 29	244	271,394	42,176,893	155.41	598.42	0.00	80.00	59.97	250.85
30 – 34	217	261,840	345,277,509	1,318.66	17,574.81	0.00	100.00	0.00	3,574.98
35 – 39	152	148,471	21,525,239	144.98	381.90	0.00	150.00	60.82	229.14
40 – 44	109	99,600	18,286,937	183.60	1,537.22	0.00	40.00	0.00	430.07
45 – 49	109	88,209	159,599,064	1,809.33	11,006.15	0.00	60.00	0.00	4,757.39

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,274**	**2,239,240**	**935,013,491**	**417.56**	**6,580.86**	**0.00**	**60.00**	**115.47**	**719.65**
50 – 54	146	106,857	9,203,194	86.13	294.34	0.00	47.00	34.03	138.22
55 – 59	141	118,853	80,155,850	674.41	3,244.32	0.00	50.00	54.46	1,294.36
60 – 64	116	76,879	42,760,791	556.21	2,844.71	0.00	30.00	0.00	1,273.48
65 – 69	97	63,736	9,844,564	154.46	851.88	0.00	70.00	0.00	337.99
70 – 74	85	56,953	15,115,736	265.41	1,883.20	0.00	5.00	0.00	706.98
75+	104	93,111	22,282,445	239.31	921.19	0.00	20.00	0.00	572.28
Ethnicity[3]									
Malay	1,544	1,321,379	281,526,180	213.05	1,870.27	0.00	50.00	95.23	330.88
Chinese	235	348,401	62,862,533	180.43	1,069.52	0.00	20.00	57.63	303.23
Indian	185	190,417	165,034,676	866.70	7,490.97	0.00	34.00	0.00	2,214.10
Bumiputera Sabah	137	145,777	12,206,086	83.73	188.44	26.00	80.00	48.33	119.13
Bumiputera Sarawak	60	89,002	276,072,255	3,101.87	30,198.59	40.00	92.00	0.00	8,773.17
Orang Asli	9	4,863	64,000	13.16	46.63	0.00	0.00	7.24	19.08
Others	104	139,401	137,247,762	984.55	2,179.54	115.00	729.00	289.37	1,679.74
Citizenship									
Malaysian	2,208	2,134,847	787,113,232	368.70	6,710.78	0.00	50.00	84.34	653.05
Non-Malaysia	66	104,393	147,900,259	1,416.76	2,657.32	304.00	964.00	507.07	2,326.46
Marital status[3]									
Never Married	291	390,608	57,216,752	146.48	729.77	0.00	2.00	52.58	240.38
Married	1,378	1,318,704	785,126,696	595.38	8,457.04	0.00	80.00	91.68	1,099.07
Widow/Widower/Divorcee	169	123,111	9,851,021	80.02	248.62	0.00	22.00	27.29	132.75
Education level[1]									
No formal education	175	145,857	71,053,397	487.14	4,012.52	1.00	65.00	0.00	1,278.13
Primary	578	507,343	280,296,544	552.48	4,724.23	0.00	75.00	14.66	1,090.30
Secondary	737	741,670	385,024,682	519.13	10,510.90	0.00	60.00	0.00	1,236.23
Tertiary	477	556,827	176,827,106	317.56	1,586.72	0.00	47.00	122.91	512.22
Unclassified	37	40,830	7,634,754	186.99	452.37	0.00	50.00	0.00	474.83
Occupation[3]									
Government /Semi-government employee	211	198,587	25,860,881	130.22	690.03	0.00	0.00	15.21	245.24
Private employee	412	506,901	68,271,080	134.68	848.98	0.00	48.00	8.66	260.71
Self-employed	237	196,558	31,032,840	157.88	835.74	0.00	70.00	34.92	280.85
Unpaid worker/homemaker	392	383,916	305,633,459	796.09	5,661.98	50.00	150.00	63.03	1,529.16
Retiree	90	64,720	10,394,086	160.60	717.52	0.00	0.00	0.00	353.53
Unemployed	395	353,353	396,922,853	1,123.30	15,186.65	0.00	50.00	0.00	2,634.52
Student[4]	101	128,388	14,079,270	109.66	528.49	0.00	0.00	0.00	243.05

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,274**	**2,239,240**	**935,013,491**	**417.56**	**6,580.86**	**0.00**	**60.00**	**115.47**	**719.65**
Household Income Group (RM)									
Less than RM1,000	367	336,250	404,001,542	1,201.49	15,542.13	15.00	80.00	0.00	2,966.51
RM1,000 – RM1,999	430	358,105	59,899,396	167.27	967.00	6.00	70.00	72.56	261.97
RM2,000 – RM2,999	399	374,117	269,831,127	721.25	5,949.30	1.00	92.00	0.00	1,502.66
RM3,000 – RM3,999	279	290,776	27,564,807	94.80	449.92	0.00	50.00	41.19	148.40
RM4,000 – RM4,999	219	233,614	24,929,732	106.71	351.66	0.00	50.00	61.80	151.63
RM5,000 – RM5,999	139	152,695	58,817,039	385.19	2,708.36	0.00	50.00	0.00	825.91
RM6,000 – RM6,999	95	101,800	10,151,533	99.72	304.85	0.00	20.00	0.00	219.08
RM7,000 – RM7,999	82	77,159	28,461,965	368.87	2,551.39	0.00	30.00	0.00	1,011.19
RM8,000 – RM8,999	73	83,959	33,639,013	400.66	1,862.65	0.00	2.00	0.00	919.08
RM9,000 – RM9,999	32	30,993	1,367,001	44.11	187.39	0.00	0.00	0.00	91.97
RM10,000 and above	159	199,772	16,350,337	81.84	457.78	0.00	0.00	19.15	144.54
Household Income Quintiles									
Q1 (Poorest 20%)	315	287,415	399,987,862	1,391.67	16,806.90	20.00	80.00	0.00	3,444.27
Q2	439	379,674	52,173,874	137.42	805.17	1.00	65.00	58.90	215.93
Q3	503	478,020	283,300,549	592.65	5,285.78	0.00	76.00	0.00	1,206.93
Q4	470	494,650	52,287,908	105.71	420.61	0.00	55.00	67.98	143.44
Q5 (Richest 20%)	547	599,481	147,263,298	245.65	1,809.77	0.00	14.00	83.02	408.28
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	474	434,491	424,685,242	977.43	13,844.41	30.00	90.00	0.00	2,209.72
Q2	523	502,297	95,446,546	190.02	851.16	1.00	76.00	29.38	350.66
Q3	462	412,352	62,924,246	152.60	904.06	0.00	60.00	52.44	252.76
Q4	462	444,553	131,220,578	295.17	2,015.36	0.00	30.00	90.87	499.48
Q5 (Richest 20%)	353	445,547	220,736,879	495.43	5,005.09	0.00	1.00	0.00	1,097.10

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD=standard deviation, IQR=inter quartile range

Table 5.12: Percapita Health Expenditure to Private Health Facilities for In-patient Care by Sociodemographic

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**1,469,077,833**	**50.01**	**778.21**	**0.00**	**0.00**	**39.08**	**60.94**
State									
Johor	2,570	3,394,793	169,623,245	49.97	639.27	0.00	0.00	23.61	76.32
Kedah	1,880	1,965,392	35,685,200	18.16	358.58	0.00	0.00	2.50	33.81
Kelantan	1,887	1,638,409	33,549,932	20.48	592.18	0.00	0.00	0.00	46.40
Melaka	1,730	831,355	29,447,200	35.42	506.31	0.00	0.00	4.92	65.93
Negeri Sembilan	1,834	1,001,346	145,597,371	145.40	2132.97	0.00	0.00	55.40	235.41
Pahang	1,821	1,544,095	68,215,924	44.18	540.63	0.00	0.00	17.18	71.18
Pulau Pinang	1,878	1,639,851	135,037,565	82.35	1157.20	0.00	0.00	21.21	143.49
Perak	1,976	2,350,221	160,540,300	68.31	795.61	0.00	0.00	20.41	116.21
Perlis	1,814	235,217	11,726,448	49.85	744.03	0.00	0.00	15.16	84.54
Selangor	4,117	5,828,226	507,933,598	87.15	901.43	0.00	0.00	50.81	123.49
Terengganu	1,865	1,111,020	20,669,400	18.60	625.40	0.00	0.00	0.00	54.46
Sabah & Labuan	2,610	3,478,079	26,635,100	7.66	160.78	0.00	0.00	0.00	15.31
Sarawak	1,769	2,575,789	24,212,550	9.40	253.90	0.00	0.00	0.00	20.94
WP Kuala Lumpur	906	1,694,692	97,318,100	57.43	794.69	0.00	0.00	0.00	115.88
WP Putrajaya	803	85,951	2,885,900	33.58	445.29	0.00	0.00	5.97	61.19
Location									
Urban	16,880	22,078,004	1,305,040,760	59.11	765.87	0.00	0.00	45.07	73.15
Rural	12,580	7,296,432	164,037,073	22.48	813.83	0.00	0.00	10.38	34.58
Sex									
Male	14,225	15,152,521	732,888,194	48.37	878.48	0.00	0.00	33.16	63.58
Female	15,235	14,221,915	736,189,639	51.76	654.71	0.00	0.00	36.11	67.41
Age Group (years)									
0 – 4	2,689	2,493,194	58,886,881	23.62	319.72	0.00	0.00	10.38	36.85
5 – 9	2,688	2,404,971	47,635,900	19.81	282.52	0.00	0.00	6.48	33.13
10 – 14	2,638	2,560,348	69,864,550	27.29	401.62	0.00	0.00	5.86	48.71
15 – 19	2,291	2,637,756	18,502,000	7.01	165.45	0.00	0.00	0.00	14.60
20 – 24	1,928	2,855,609	132,132,327	46.27	539.91	0.00	0.00	17.41	75.14
25 – 29	2,176	2,786,488	118,030,954	42.36	422.39	0.00	0.00	22.05	62.66
30 – 34	2,096	2,632,625	101,285,938	38.47	411.07	0.00	0.00	12.45	64.50
35 – 39	1,915	2,079,356	184,941,980	88.94	1086.20	0.00	0.00	14.88	163.01
40 – 44	1,797	1,856,980	142,511,600	76.74	989.16	0.00	0.00	15.15	138.34
45 – 49	1,869	1,678,339	94,976,213	56.59	747.79	0.00	0.00	23.05	90.13

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**1,469,077,833**	**50.01**	**778.21**	**0.00**	**0.00**	**39.08**	**60.94**
50 – 54	1,897	1,511,790	94,425,692	62.46	772.24	0.00	0.00	17.18	107.74
55 – 59	1,682	1,265,329	119,221,070	94.22	1452.85	0.00	0.00	22.86	165.58
60 – 64	1,345	939,677	62,840,764	66.87	1598.88	0.00	0.00	6.66	127.09
65 – 69	1,015	696,123	66,097,064	94.95	1428.92	0.00	0.00	0.00	210.81
70 – 74	685	404,506	86,526,900	213.91	1982.86	0.00	0.00	0.00	446.65
75+	749	571,345	71,198,000	124.61	1231.33	0.00	0.00	20.68	228.55
Ethnicity[3]									
Malay	18,879	15,420,455	686,550,335	44.52	764.06	0.00	0.00	32.14	56.90
Chinese	4,246	6,272,115	586,577,095	93.52	1081.66	0.00	0.00	55.36	131.68
Indian	1,985	1,924,991	139,315,415	72.37	750.83	0.00	0.00	24.47	120.28
Bumiputera Sabah	1,414	1,536,737	10,277,600	6.69	196.91	0.00	0.00	0.00	19.80
Bumiputera Sarawak	776	1,303,400	0	0.00	0.00	0.00	0.00	0.00	0.00
Orang Asli	115	79,830	0	0.00	0.00	0.00	0.00	0.00	0.00
Others	2,025	2,816,011	46,357,388	16.46	317.23	0.00	0.00	2.25	30.67
Citizenship									
Malaysian	27,877	27,024,893	1,451,914,845	53.73	810.49	0.00	0.00	41.79	65.66
Non-Malaysia	1,570	2,328,664	17,162,988	7.37	117.85	0.00	0.00	0.00	15.55
Marital status[3]									
Never Married	6,687	8,289,474	211,580,037	25.52	532.15	0.00	0.00	6.49	44.56
Married	13,860	13,224,116	1,010,786,749	76.44	1012.73	0.00	0.00	56.97	95.90
Widow/Widower/Divorcee	1,941	1,404,957	85,122,016	60.59	857.94	0.00	0.00	18.10	103.07
Education level[3]									
No formal education	1,995	1,764,062	32,336,024	18.33	241.02	0.00	0.00	4.52	32.14
Primary	8,611	7,764,933	250,464,142	32.26	595.54	0.00	0.00	18.68	45.84
Secondary	10,354	10,698,154	425,276,688	39.75	732.10	0.00	0.00	21.16	58.34
Tertiary	4,403	5,284,934	673,450,144	127.43	1132.58	0.00	0.00	88.19	166.67
Unclassified	1,043	1,049,939	25,156,104	23.96	1410.13	0.00	0.00	0.00	66.36
Occupation[3]									
Government /Semi- Government employee	2,195	1,925,466	129,425,980	67.22	767.57	0.00	0.00	25.31	109.12
Private employee	6,206	8,137,548	413,515,007	50.82	660.89	0.00	0.00	31.49	70.14
Self-employed	3,892	3,459,064	207,986,589	60.13	944.44	0.00	0.00	13.52	106.74
Unpaid worker/homemaker	3,352	2,913,131	166,283,742	57.08	582.74	0.00	0.00	28.25	85.91
Retiree	786	609,294	165,212,444	271.15	3052.57	0.00	0.00	52.17	490.14
Unemployed	3,401	2,921,854	175,978,340	60.23	893.13	0.00	0.00	29.20	91.26
Student[4]	2,668	2,972,927	49,086,700	16.51	232.91	0.00	0.00	1.60	31.42

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,436**	**1,469,077,833**	**50.01**	**778.21**	**0.00**	**0.00**	**39.08**	**60.94**
Household Income Group (RM)									
Less than RM1,000	4,638	4,022,873	134,064,292	33.33	612.17	0.00	0.00	14.96	51.69
RM1,000 – RM1,999	5,450	4,893,775	156,414,700	31.96	879.58	0.00	0.00	8.73	55.20
RM2,000 – RM2,999	5,053	4,772,189	186,266,030	39.03	853.60	0.00	0.00	5.69	72.37
RM3,000 – RM3,999	3,743	3,820,067	134,926,460	35.32	574.98	0.00	0.00	13.97	56.67
RM4,000 – RM4,999	2,663	2,886,709	199,984,120	69.28	948.87	0.00	0.00	25.69	112.87
RM5,000 – RM5,999	2,041	2,270,353	83,100,160	36.60	453.87	0.00	0.00	12.74	60.47
RM6,000 – RM6,999	1,367	1,465,749	59,662,270	40.70	508.52	0.00	0.00	5.49	75.91
RM7,000 – RM7,999	1,143	1,206,329	105,083,730	87.11	764.74	0.00	0.00	30.96	143.26
RM8,000 – RM8,999	913	1,008,764	92,396,250	91.59	1085.68	0.00	0.00	2.31	180.88
RM9,000 – RM9,999	459	498,253	28,008,915	56.21	707.21	0.00	0.00	0.00	134.67
RM10,000 and above	1,990	2,529,375	289,170,906	114.33	922.58	0.00	0.00	63.82	164.83
Household Income Quintiles									
Q1 (Poorest 20%)	3,958	3,442,008	134,008,888	38.93	661.65	0.00	0.00	17.49	60.38
Q2	5,580	5,055,474	156,317,104	30.92	865.35	0.00	0.00	8.45	53.39
Q3	6,471	6,117,003	227,759,230	37.23	777.88	0.00	0.00	10.75	63.71
Q4	6,072	6,443,354	341,662,880	53.03	784.30	0.00	0.00	29.41	76.64
Q5 (Richest 20%)	7,379	8,316,597	609,329,731	73.27	761.79	0.00	0.00	51.12	95.41
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	6,111	5,875,548	40,376,514	6.87	184.81	0.00	0.00	1.95	11.79
Q2	6,636	5,894,597	100,824,425	17.10	354.56	0.00	0.00	3.75	30.46
Q3	6,049	5,858,449	187,427,334	31.99	537.05	0.00	0.00	16.49	47.50
Q4	5,806	5,888,170	440,208,065	74.76	1127.09	0.00	0.00	47.14	102.38
Q5 (Richest 20%)	4,858	5,857,672	700,241,495	119.54	1141.26	0.00	0.00	77.32	161.76

Notes:

1. Some cells have respondent count < 30. Results should be interpreted with caution.
2. Due to rounding some totals may not correspond with the sum of the separate figures.
3. Not including missing "Don't know", "Refuse to answer" & "Not Applicable"
4. "Student" include those who age >13 years old and not working.
5. SD=standard deviation, IQR=inter quartile range

Table 5.13: Health Expenditure to Private Health Facilities for In-patient Care by Sociodemographic (Among those who have In-patient Care in last 12 months)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,274**	**2,239,240**	**1,469,077,833**	**656.06**	**2,747.69**	**0.00**	**0.00**	**517.83**	**794.29**
State									
Johor	185	240,265	169,623,245	705.98	2,310.32	0.00	0.00	343.73	1,068.24
Kedah	153	169,603	35,685,200	210.40	1,207.60	0.00	0.00	21.01	399.79
Kelantan	118	98,245	33,549,932	341.49	2,405.08	0.00	0.00	0.00	778.26
Melaka	154	72,782	29,447,200	404.59	1,671.89	0.00	0.00	82.58	726.60
Negeri Sembilan	165	99,040	145,597,371	1,470.09	6,655.42	0.00	0.00	630.59	2,309.58
Pahang	157	122,102	68,215,924	558.68	1,851.63	0.00	0.00	223.96	893.40
Pulau Pinang	148	125,197	135,037,565	1,078.60	4,070.36	0.00	0.00	277.46	1,879.74
Perak	161	194,791	160,540,300	824.17	2,656.00	0.00	0.00	332.85	1,315.49
Perlis	160	21,084	11,726,448	556.18	2,434.72	0.00	0.00	177.30	935.06
Selangor	330	495,581	507,933,598	1,024.93	2,935.79	0.00	0.00	608.77	1,441.08
Terengganu	117	68,404	20,669,400	302.17	2,513.46	0.00	0.00	0.00	878.35
Sabah & Labuan	196	260,575	26,635,100	102.22	580.49	0.00	0.00	0.00	204.46
Sarawak	104	146,247	24,212,550	165.56	1,058.14	0.00	0.00	0.00	377.73
WP Kuala Lumpur	63	119,025	97,318,100	817.63	2,914.65	0.00	0.00	46.43	1,588.83
WP Putrajaya	63	6,299	2,885,900	458.15	1,596.31	0.00	0.00	87.59	828.71
Location									
Urban	1,304	1,692,472	1,305,040,760	771.09	2,665.98	0.00	0.00	595.63	946.54
Rural	970	546,768	164,037,073	300.01	2,960.33	0.00	0.00	138.48	461.54
Sex									
Male	960	973,648	732,888,194	752.72	3,389.84	0.00	0.00	527.14	978.31
Female	1,314	1,265,592	736,189,639	581.70	2,124.09	0.00	0.00	410.69	752.70
Age Group (years)									
0 – 4	279	257,092	58,886,881	229.05	973.29	0.00	0.00	102.28	355.82
5 – 9	103	93,133	47,635,900	511.48	1,351.50	0.00	0.00	186.76	836.20
10 – 14	93	96,866	69,864,550	721.25	1,949.93	0.00	0.00	200.07	1,242.43
15 – 19	103	128,882	18,502,000	143.56	738.71	0.00	0.00	0.00	297.81
20 – 24	176	277,364	132,132,327	476.39	1,676.51	0.00	0.00	184.77	768.00
25 – 29	244	271,394	118,030,954	434.91	1,291.15	0.00	0.00	236.21	633.60
30 – 34	217	261,840	101,285,938	386.82	1,253.25	0.00	0.00	141.52	632.13
35 – 39	152	148,471	184,941,980	1,245.64	3,895.38	0.00	0.00	244.14	2,247.15
40 – 44	109	99,600	142,511,600	1,430.84	4,055.30	0.00	0.00	348.65	2,513.03
45 – 49	109	88,209	94,976,213	1,076.72	3,102.21	0.00	0.00	470.89	1,682.54

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,274**	**2,239,240**	**1,469,077,833**	**656.06**	**2,747.69**	**0.00**	**0.00**	**517.83**	**794.29**
50 – 54	146	106,857	94,425,692	883.66	2,785.72	0.00	0.00	266.37	1,500.96
55 – 59	141	118,853	119,221,070	1,003.10	4,658.39	0.00	0.00	260.28	1,745.92
60 – 64	116	76,879	62,840,764	817.40	5,556.63	0.00	0.00	92.57	1,542.23
65 – 69	97	63,736	66,097,064	1,037.04	4,639.36	0.00	0.00	0.00	2,288.19
70 – 74	85	56,953	86,526,900	1,519.27	5,119.50	0.00	0.00	0.00	3,194.77
75+	104	93,111	71,198,000	764.66	2,981.13	0.00	0.00	143.52	1,385.80
Ethnicity[3]									
Malay	1,544	1,321,379	686,550,335	519.57	2,563.17	0.00	0.00	380.83	658.31
Chinese	235	348,401	586,577,095	1,683.63	4,296.42	0.00	1400.00	1,064.78	2,302.47
Indian	185	190,417	139,315,415	731.63	2,289.58	0.00	0.00	261.47	1,201.79
Bumiputera Sabah	137	145,777	10,277,600	70.50	637.90	0.00	0.00	0.00	209.34
Bumiputera Sarawak	60	89,002	0	0.00	0.00	0.00	0.00	0.00	0.00
Orang Asli	9	4,863	0	0.00	0.00	0.00	0.00	0.00	0.00
Others	104	139,401	46,357,388	332.55	1,394.82	0.00	0.00	59.56	605.53
Citizenship									
Malaysian	2,208	2,134,847	1,451,914,845	680.10	2,809.41	0.00	0.00	535.20	825.01
Non-Malaysia	66	104,393	17,162,988	164.41	536.79	0.00	0.00	0.00	334.40
Marital status[3]									
Never Married	291	390,608	211,580,037	541.67	2,397.70	0.00	0.00	145.49	937.84
Married	1,378	1,318,704	1,010,786,749	766.50	3,124.50	0.00	0.00	580.37	952.63
Widow/Widower/Divorcee	169	123,111	85,122,016	691.42	2,829.63	0.00	0.00	212.74	1,170.11
Education level[3]									
No formal education	175	145,857	32,336,024	221.70	812.96	0.00	0.00	59.58	383.82
Primary	578	507,343	250,464,142	493.68	2,282.27	0.00	0.00	289.29	698.07
Secondary	737	741,670	425,276,688	573.40	2,726.62	0.00	0.00	311.44	835.36
Tertiary	477	556,827	673,450,144	1,209.44	3,299.41	0.00	36.00	861.15	1,557.73
Unclassified	37	40,830	25,156,104	616.12	7,220.00	0.00	0.00	0.00	1,726.81
Occupation[3]									
Government /Semi- Government employee	211	198,587	129,425,980	651.73	2,313.92	0.00	0.00	257.34	1,046.13
Private employee	412	506,901	413,515,007	815.77	2,530.23	0.00	0.00	524.86	1,106.68
Self-employed	237	196,558	207,986,589	1,058.14	3,833.93	0.00	0.00	265.35	1,850.94
Unpaid worker/homemaker	392	383,916	166,283,742	433.13	1,555.40	0.00	0.00	222.01	644.24
Retiree	90	64,720	165,212,444	2,552.73	9,094.34	0.00	0.00	592.18	4,513.28
Unemployed	395	353,353	175,978,340	498.02	2,528.27	0.00	0.00	242.38	753.67
Student[4]	101	128,388	49,086,700	382.33	1,061.58	0.00	0.00	57.43	707.23

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Sum	Mean	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,274**	**2,239,240**	**1,469,077,833**	**656.06**	**2,747.69**	**0.00**	**0.00**	**517.83**	**794.29**
Household Income Group (RM)									
Less than RM1,000	367	336,250	134,064,292	398.70	2,085.34	0.00	0.00	180.01	617.40
RM1,000 – RM1,999	430	358,105	156,414,700	436.78	3,227.70	0.00	0.00	131.02	742.55
RM2,000 – RM2,999	399	374,117	186,266,030	497.88	3,014.43	0.00	0.00	79.59	916.17
RM3,000 – RM3,999	279	290,776	134,926,460	464.02	2,039.15	0.00	0.00	187.51	740.53
RM4,000 – RM4,999	219	233,614	199,984,120	856.05	3,239.70	0.00	0.00	328.48	1,383.61
RM5,000 – RM5,999	139	152,695	83,100,160	544.22	1,674.90	0.00	0.00	205.27	883.18
RM6,000 – RM6,999	95	101,800	59,662,270	586.07	1,853.97	0.00	0.00	116.07	1,056.07
RM7,000 – RM7,999	82	77,159	105,083,730	1,361.91	2,736.91	0.00	1500.00	648.07	2,075.75
RM8,000 – RM8,999	73	83,959	92,396,250	1,100.49	3,635.56	0.00	150.00	97.58	2,103.41
RM9,000 – RM9,999	32	30,993	28,008,915	903.72	2,737.00	0.00	0.00	0.00	2,120.19
RM10,000 and above	159	199,772	289,170,906	1,447.50	2,982.87	0.00	1650.00	908.61	1,986.40
Household Income Quintiles									
Q1 (Poorest 20%)	315	287,415	134,008,888	466.26	2,249.07	0.00	0.00	211.92	720.60
Q2	439	379,674	156,317,104	411.71	3,136.05	0.00	0.00	121.55	701.88
Q3	503	478,020	227,759,230	476.46	2,747.29	0.00	0.00	142.01	810.92
Q4	470	494,650	341,662,880	690.72	2,754.47	0.00	0.00	388.24	993.20
Q5 (Richest 20%)	547	599,481	609,329,731	1,016.43	2,665.35	0.00	150.00	745.58	1,287.28
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	474	434,491	40,376,514	92.93	674.34	0.00	0.00	27.43	158.43
Q2	523	502,297	100,824,425	200.73	1,200.41	0.00	0.00	46.00	355.45
Q3	462	412,352	187,427,334	454.53	1,978.23	0.00	0.00	242.47	666.60
Q4	462	444,553	440,208,065	990.23	3,993.86	0.00	0.00	634.96	1,345.50
Q5 (Richest 20%)	353	445,547	700,241,495	1,571.64	3,857.49	0.00	1500.00	1,055.96	2,087.33

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD=standard deviation, IQR=inter quartile range

Table 5.14: Percapita Health Expenditure for Dental Care by Sociodemographic

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,440**	**13.66**	**401,238,102**	**220.00**	**0.00**	**0.00**	**10.94**	**16.37**
State									
Johor	2,570	3,394,794	11.17	37,904,841	154.20	0.00	0.00	5.33	17.00
Kedah	1,880	1,965,392	3.90	7,664,340	29.69	0.00	0.00	2.03	5.77
Kelantan	1,887	1,638,409	4.17	6,834,143	22.19	0.00	0.00	2.97	5.38
Melaka	1,730	831,355	6.91	5,744,417	77.54	0.00	0.00	2.34	11.48
Negeri Sembilan	1,834	1,001,346	28.58	28,622,454	955.10	0.00	0.00	0.00	75.64
Pahang	1,821	1,544,095	2.65	4,084,368	23.37	0.00	0.00	1.56	3.73
Pulau Pinang	1,878	1,639,851	21.07	34,543,591	135.10	0.00	0.00	10.25	31.88
Perak	1,976	2,350,221	12.58	29,556,824	137.00	0.00	0.00	5.38	19.77
Perlis	1,814	235,217	6.03	1,418,455	45.07	0.00	0.00	3.12	8.94
Selangor	4,117	5,828,226	24.47	142,603,287	184.00	0.00	0.00	16.55	32.39
Terengganu	1,865	1,111,020	3.65	4,055,887	37.76	0.00	0.00	1.93	5.38
Sabah & Labuan	2,610	3,478,079	9.18	31,932,015	72.47	0.00	0.00	5.03	13.33
Sarawak	1,769	2,575,789	9.82	25,299,917	178.90	0.00	0.00	1.30	18.35
WP Kuala Lumpur	906	1,694,692	22.65	38,382,220	125.70	0.00	0.00	12.50	32.79
WP Putrajaya	803	85,951	30.15	2,591,344	445.40	0.00	0.00	0.00	70.50
Location									
Urban	16,880	22,078,008	16.86	372,244,488	252.50	0.00	0.00	13.25	20.47
Rural	12,580	7,296,433	3.97	28,993,615	42.99	0.00	0.00	3.12	4.82
Sex									
Male	14,225	15,152,515	12.47	188,878,072	270.40	0.00	0.00	8.55	16.38
Female	15,235	14,221,912	14.93	212,360,031	148.50	0.00	0.00	11.78	18.09
Age Group (years)									
0 – 4	2,689	2,493,194	0.37	915,819	4.85	0.00	0.00	0.11	0.63
5 – 9	2,688	2,404,971	3.15	7,564,572	23.90	0.00	0.00	2.03	4.26
10 – 14	2,638	2,560,348	6.03	15,440,227	140.20	0.00	0.00	0.00	12.36
15 – 19	2,291	2,637,756	14.48	38,206,870	149.10	0.00	0.00	6.20	22.77
20 – 24	1,928	2,855,609	14.50	41,399,304	178.10	0.00	0.00	6.45	22.55
25 – 29	2,176	2,786,487	17.05	47,520,367	148.50	0.00	0.00	10.05	24.06
30 – 34	2,096	2,632,625	18.95	49,876,604	117.70	0.00	0.00	11.19	26.71
35 – 39	1,915	2,079,356	18.93	39,360,282	97.38	0.00	0.00	13.19	24.67
40 – 44	1,797	1,856,980	15.75	29,256,037	81.80	0.00	0.00	10.41	21.10
45 – 49	1,869	1,678,339	16.69	28,003,777	76.71	0.00	0.00	12.07	21.30

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,440**	**13.66**	**401,238,102**	**220.00**	**0.00**	**0.00**	**10.94**	**16.37**
50 – 54	1,897	1,511,790	17.92	27,098,297	138.00	0.00	0.00	9.74	26.11
55 – 59	1,682	1,265,329	15.72	19,896,566	178.30	0.00	0.00	5.75	25.70
60 – 64	1,345	939,677	34.14	32,076,447	996.50	0.00	0.00	0.00	83.39
65 – 69	1,015	696,123	23.84	16,594,761	310.00	0.00	0.00	0.00	54.46
70 – 74	685	404,506	11.21	4,533,737	142.80	0.00	0.00	0.00	23.93
75+	749	571,345	6.12	3,494,437	72.75	0.00	0.00	0.00	15.32
Ethnicity[3]									
Malay	18,879	15,420,459	12.24	188,733,774	272.20	0.00	0.00	8.32	16.16
Chinese	4,246	6,272,115	22.43	140,663,276	175.80	0.00	0.00	15.64	29.22
Indian	1,985	1,924,991	21.18	40,770,828	191.00	0.00	0.00	10.77	31.59
Bumiputera Sabah	1,414	1,536,737	6.29	9,662,175	66.48	0.00	0.00	0.02	12.55
Bumiputera Sarawak	776	1,303,400	3.75	4,887,284	36.30	0.00	0.00	1.73	5.77
Orang Asli	115	79,830	0.02	1,500	0.14	0.00	0.00	0.00	0.05
Others	2,025	2,816,011	5.87	16,519,267	43.94	0.00	0.00	3.63	8.10
Citizenship									
Malaysian	27,877	27,024,895	14.40	389,087,954	228.70	0.00	0.00	11.47	17.33
Non-Malaysia	1,570	2,328,664	5.22	12,150,149	59.31	0.00	0.00	2.30	8.13
Marital status[3]									
Never Married	6,687	8,289,474	16.09	133,336,277	162.30	0.00	0.00	11.21	20.96
Married	13,860	13,224,115	18.08	239,068,187	298.50	0.00	0.00	13.25	22.91
Widow/Widower/Divorcee	1,941	1,404,957	11.20	15,735,925	122.70	0.00	0.00	3.34	19.06
Education level[3]									
No formal education	1,995	1,764,063	1.32	2,329,487	14.98	0.00	0.00	0.71	1.93
Primary	8,611	7,764,933	7.26	56,341,831	129.00	0.00	0.00	3.59	10.92
Secondary	10,354	10,698,156	12.22	130,764,411	116.70	0.00	0.00	9.50	14.95
Tertiary	4,403	5,284,935	39.15	206,891,504	464.70	0.00	0.00	27.38	50.91
Unclassified	1,043	1,049,939	2.02	2,123,756	12.95	0.00	0.00	0.94	3.10
Occupation[3]									
Government /Semi- government employee	2,195	1,925,466	21.25	40,913,352	101.10	0.00	0.00	15.20	27.30
Private employee	6,206	8,137,545	14.50	117,986,432	83.63	0.00	0.00	11.75	17.25
Self-employed	3,892	3,459,064	16.73	57,885,566	149.20	0.00	0.00	10.53	22.94
Unpaid worker/homemaker	3,352	2,913,130	18.58	54,119,437	229.00	0.00	0.00	8.62	28.54
Retiree	786	609,294	58.27	35,501,768	1,230.00	0.00	0.00	0.00	135.12
Unemployed	3,401	2,921,854	4.71	13,752,925	38.61	0.00	0.00	2.75	6.66
Student[4]	2,668	2,972,927	22.87	67,979,993	249.40	0.00	0.00	10.76	34.98

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,440**	**13.66**	**401,238,102**	**220.00**	**0.00**	**0.00**	**10.94**	**16.37**
Household Income Group (RM)									
Less than RM1,000	4,638	4,022,873	6.75	27,162,620	88.17	0.00	0.00	4.26	9.24
RM1,000 – RM1,999	5,450	4,893,775	4.26	20,864,516	42.59	0.00	0.00	2.68	5.84
RM2,000 – RM2,999	5,053	4,772,189	6.49	30,967,691	79.22	0.00	0.00	2.70	10.28
RM3,000 – RM3,999	3,743	3,820,067	6.00	22,935,964	48.64	0.00	0.00	4.30	7.71
RM4,000 – RM4,999	2,663	2,886,709	13.07	37,734,804	169.30	0.00	0.00	5.05	21.10
RM5,000 – RM5,999	2,041	2,270,353	22.85	51,886,697	239.50	0.00	0.00	8.87	36.84
RM6,000 – RM6,999	1,367	1,465,749	17.84	26,150,909	159.40	0.00	0.00	6.31	29.37
RM7,000 – RM7,999	1,143	1,206,329	22.79	27,489,568	137.70	0.00	0.00	10.12	35.45
RM8,000 – RM8,999	913	1,008,764	21.07	21,255,711	214.10	0.00	0.00	5.07	37.07
RM9,000 – RM9,999	459	498,253	28.67	14,285,951	184.80	0.00	0.00	6.89	50.45
RM10,000 and above	1,990	2,529,375	47.64	120,503,673	629.60	0.00	0.00	27.22	68.07
Household Income Quintiles									
Q1 (Poorest 20%)	3,958	3,442,008	7.65	26,345,566	95.12	0.00	0.00	4.75	10.55
Q2	5,580	5,055,474	4.08	20,637,602	41.69	0.00	0.00	2.56	5.60
Q3	6,471	6,117,003	6.33	38,691,140	72.64	0.00	0.00	3.28	9.37
Q4	6,072	6,443,356	13.74	88,563,669	182.80	0.00	0.00	7.70	19.79
Q5 (Richest 20%)	7,379	8,316,598	27.29	227,000,126	368.90	0.00	0.00	20.01	34.58
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	6,111	5,875,548	2.97	17,469,686	39.10	0.00	0.00	2.12	3.83
Q2	6,636	5,894,597	6.40	37,710,850	88.31	0.00	0.00	4.02	8.77
Q3	6,049	5,858,449	7.05	41,287,356	61.00	0.00	0.00	4.47	9.62
Q4	5,806	5,888,171	15.00	88,334,339	140.50	0.00	0.00	10.22	19.78
Q5 (Richest 20%)	4,858	5,857,672	36.95	216,435,872	457.20	0.00	0.00	25.67	48.23

Notes:

1. Some cells have respondent count < 30. Results should be interpreted with caution.
2. Due to rounding some totals may not correspond with the sum of the separate figures.
3. Not including missing "Don't know", "Refuse to answer" & "Not Applicable"
4. "Student" include those who age >13 years old and not working.
5. SD=standard deviation, IQR=inter quartile range

Table 5.15: Health Expenditure for Dental Care by Sociodemographic (Among those who have Dental Care in last 12 months)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**8,308**	**8,164,052**	**49.15**	**401,238,102**	**415.30**	**0.00**	**6.00**	**39.58**	**58.72**
State									
Johor	698	907,992	41.75	37,904,841	296.20	0.00	4.00	20.86	62.63
Kedah	508	518,960	14.77	7,664,340	56.40	0.00	1.00	8.02	21.52
Kelantan	684	603,693	11.32	6,834,143	35.45	0.00	1.00	7.96	14.68
Melaka	532	268,986	21.36	5,744,417	135.30	0.00	1.50	7.28	35.43
Negeri Sembilan	538	307,814	92.99	28,622,454	1722.00	0.00	2.00	0.00	246.68
Pahang	446	393,201	10.39	4,084,368	45.47	0.00	1.00	6.12	14.66
Pulau Pinang	524	451,256	76.55	34,543,591	249.30	1.00	70.00	42.63	110.47
Perak	522	615,813	48.00	29,556,824	264.70	0.00	1.00	20.17	75.83
Perlis	549	76,733	18.49	1,418,455	77.48	0.00	1.00	10.51	26.46
Selangor	1,161	1,647,310	86.57	142,603,287	338.40	1.00	81.00	59.99	113.15
Terengganu	552	341,589	11.87	4,055,887	67.42	0.00	1.00	6.58	17.17
Sabah & Labuan	745	933,419	34.21	31,932,015	136.90	0.00	4.00	18.64	49.78
Sarawak	378	580,021	43.62	25,299,917	375.50	0.00	2.00	5.10	82.14
WP Kuala Lumpur	258	492,644	77.91	38,382,220	224.00	1.00	100.00	48.57	107.26
WP Putrajaya	213	24,621	105.25	2,591,344	828.90	0.00	11.00	0.00	242.38
Location									
Urban	4,847	6,163,608	60.39	372,244,488	475.10	0.00	40.00	47.78	73.01
Rural	3,461	2,000,444	14.49	28,993,615	81.18	0.00	1.00	11.48	17.51
Sex									
Male	3,682	3,853,059	49.02	188,878,072	534.70	0.00	5.00	33.77	64.27
Female	4,626	4,310,993	49.26	212,360,031	266.60	0.00	10.00	39.04	59.48
Age Group (years)									
0 – 4	196	175,720	5.21	915,819	17.61	0.00	1.00	1.74	8.69
5 – 9	1,706	1,513,291	5.00	7,564,572	29.98	0.00	0.00	3.24	6.76
10 – 14	1,994	1,864,645	8.28	15,440,227	164.20	0.00	0.00	0.00	16.98
15 – 19	1,184	1,286,020	29.71	38,206,870	212.50	0.00	0.00	12.73	46.69
20 – 24	337	494,733	83.68	41,399,304	421.60	4.00	70.00	38.19	129.17
25 – 29	429	510,579	93.07	47,520,367	336.90	5.00	89.00	56.84	129.31
30 – 34	432	496,023	100.55	49,876,604	255.80	40.00	99.00	62.78	138.32
35 – 39	381	409,211	96.19	39,360,282	202.10	40.00	99.00	71.49	120.89
40 – 44	345	350,425	83.49	29,256,037	172.80	45.00	99.00	57.80	109.18
45 – 49	391	354,479	79.00	28,003,777	151.60	40.00	99.00	59.75	98.25

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**8,308**	**8,164,052**	**49.15**	**401,238,102**	**415.30**	**0.00**	**6.00**	**39.58**	**58.72**
50 – 54	351	293,989	92.17	27,098,297	302.30	16.00	79.00	52.28	132.07
55 – 59	220	177,425	112.14	19,896,566	465.50	30.00	99.00	45.87	178.42
60 – 64	157	105,750	303.32	32,076,447	2965.00	3.00	85.00	0.00	740.66
65 – 69	102	77,829	213.22	16,594,761	909.10	2.00	100.00	0.00	475.52
70 – 74	49	29,032	156.16	4,533,737	516.20	45.00	90.00	0.00	325.78
75+	34	24,901	140.33	3,494,437	324.90	30.00	90.00	0.00	332.54
Ethnicity[3]									
Malay	5,649	4,791,210	39.39	188,733,774	487.40	0.00	2.00	26.91	51.87
Chinese	1,076	1,573,004	89.42	140,663,276	342.50	1.00	80.00	64.06	114.79
Indian	592	578,909	70.43	40,770,828	343.50	0.00	41.00	37.12	103.74
Bumiputera Sabah	464	502,981	19.21	9,662,175	115.20	0.00	2.00	0.00	38.59
Bumiputera Sarawak	175	317,632	15.39	4,887,284	72.46	0.00	1.00	6.83	23.94
Orang Asli	19	15,682	0.10	1,500	0.30	0.00	0.00	0.00	0.33
Others	332	384,434	42.97	16,519,267	112.10	1.00	45.00	27.95	57.99
Citizenship									
Malaysian	8,191	8,008,834	48.58	389,087,954	418.10	0.00	5.00	38.85	58.32
Non-Malaysia	117	155,219	78.28	12,150,149	217.80	35.00	80.00	37.68	118.87
Marital status[4]									
Never Married	2,472	2,740,591	48.65	133,336,277	279.40	0.00	2.00	34.13	63.17
Married	2,481	2,412,770	99.08	239,068,187	693.20	10.00	94.00	73.34	124.83
Widow/Widower/Divorcee	224	168,851	93.19	15,735,925	343.50	4.00	79.00	31.56	154.83
Education level[5]									
No formal education	176	144,464	16.13	2,329,487	50.13	1.00	6.00	9.01	23.24
Primary	3,336	3,059,660	18.41	56,341,831	205.00	0.00	0.00	9.11	27.72
Secondary	2,477	2,539,077	51.50	130,764,411	235.40	1.00	50.00	40.36	62.64
Tertiary	1,157	1,377,034	150.24	206,891,504	901.50	50.00	119.00	106.71	193.78
Unclassified	652	595,630	3.57	2,123,756	17.04	0.00	0.00	1.68	5.45
Occupation[6]									
Government /Semi- government employee	581	505,601	80.92	40,913,352	184.80	5.00	100.00	59.98	101.86
Private employee	1,069	1,375,780	85.76	117,986,432	187.80	30.00	99.00	71.67	99.85
Self-employed	600	582,406	99.39	57,885,566	352.40	10.00	84.00	63.39	135.39
Unpaid worker/homemaker	655	566,865	95.47	54,119,437	512.20	2.00	59.00	46.08	144.87
Retiree	128	97,191	365.28	35,501,768	3071.00	24.00	120.00	0.00	842.39
Unemployed	431	419,917	32.75	13,752,925	97.34	1.00	15.00	19.67	45.83
Student[7]	1,712	1,773,535	38.33	67,979,993	322.10	0.00	0.00	18.06	58.60

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**8,308**	**8,164,052**	**49.15**	**401,238,102**	**415.30**	**0.00**	**6.00**	**39.58**	**58.72**
Household Income Group (RM)									
Less than RM1,000	1,121	970,294	27.99	27,162,620	177.90	0.00	1.00	18.01	37.98
RM1,000 – RM1,999	1,490	1,300,456	16.04	20,864,516	81.48	0.00	1.00	10.13	21.96
RM2,000 – RM2,999	1,402	1,272,855	24.33	30,967,691	152.00	0.00	2.00	10.30	38.36
RM3,000 – RM3,999	1,058	1,080,830	21.22	22,935,964	89.68	0.00	2.00	15.20	27.24
RM4,000 – RM4,999	729	766,898	49.20	37,734,804	325.80	0.00	10.00	19.56	78.85
RM5,000 – RM5,999	629	660,800	78.52	51,886,697	439.30	0.00	60.00	31.67	125.37
RM6,000 – RM6,999	389	429,139	60.94	26,150,909	290.40	0.00	50.00	22.11	99.76
RM7,000 – RM7,999	372	376,103	73.09	27,489,568	239.20	0.00	60.00	34.25	111.94
RM8,000 – RM8,999	288	301,434	70.52	21,255,711	387.70	0.00	60.00	19.19	121.84
RM9,000 – RM9,999	147	162,644	87.84	14,285,951	316.00	1.00	100.00	28.96	146.71
RM10,000 and above	683	842,599	143.01	120,503,673	1085.00	6.00	100.00	82.49	203.54
Household Income Quintiles									
Q1 (Poorest 20%)	939	828,371	31.80	26,345,566	192.00	0.00	2.00	20.22	43.39
Q2	1,509	1,322,046	15.61	20,637,602	80.44	0.00	1.00	9.81	21.41
Q3	1,798	1,650,880	23.44	38,691,140	138.40	0.00	2.00	12.28	34.59
Q4	1,733	1,797,596	49.27	88,563,669	343.60	0.00	5.00	27.88	70.65
Q5 (Richest 20%)	2,329	2,565,159	88.49	227,000,126	660.30	0.00	80.00	65.64	111.34
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	1,406	1,268,274	13.77	17,469,686	83.29	0.00	2.00	9.96	17.59
Q2	1,822	1,587,418	23.76	37,710,850	169.00	0.00	1.00	15.05	32.46
Q3	1,718	1,639,921	25.18	41,287,356	113.30	0.00	2.00	16.20	34.15
Q4	1,761	1,801,718	49.03	88,334,339	250.80	0.00	29.00	33.86	64.19
Q5 (Richest 20%)	1,601	1,866,721	115.94	216,435,872	804.50	1.00	90.00	81.11	150.78

Notes:

1. Some cells have respondent count < 30. Results should be interpreted with caution
2. Due to rounding some totals may not correspond with the sum of the separate figures.
3. Not including missing "Don't know", "Refuse to answer" & "Not Applicable"
4. "Student" include those who age >13 years old and not working.
5. SD=standard deviation, IQR=inter quartile range

Table 5.16: Percapita Health Expenditure to Government Health Facilities for Dental Care by Sociodemographic

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,376,554**	**1.47**	**43,242,288**	**40.29**	**0.00**	**0.00**	**0.70**	**2.24**
State									
Johor	2,570	3,394,662	0.68	2,322,628	9.45	0.00	0.00	0.34	1.03
Kedah	1,880	1,965,422	0.23	458,533	3.13	0.00	0.00	0.01	0.45
Kelantan	1,887	1,638,326	0.57	941,710	5.48	0.00	0.00	0.35	0.80
Melaka	1,730	831,318	0.57	472,438	7.93	0.00	0.00	0.21	0.92
Negeri Sembilan	1,834	1,001,216	0.35	353,329	3.92	0.00	0.00	0.05	0.65
Pahang	1,821	1,544,119	0.59	912,420	16.52	0.00	0.00	0.00	1.31
Pulau Pinang	1,878	1,639,692	4.39	7,191,691	84.60	0.00	0.00	0.00	11.89
Perak	1,976	2,350,150	1.33	3,120,999	34.29	0.00	0.00	0.00	2.91
Perlis	1,814	235,222	0.53	125,820	6.23	0.00	0.00	0.30	0.77
Selangor	4,117	5,829,070	2.29	13,325,253	66.13	0.00	0.00	0.00	5.04
Terengganu	1,865	1,110,957	0.76	841,994	15.83	0.00	0.00	0.00	1.53
Sabah & Labuan	2,610	3,478,396	0.54	1,890,508	5.65	0.00	0.00	0.24	0.85
Sarawak	1,769	2,575,681	1.73	4,450,777	28.47	0.00	0.00	0.00	3.46
WP Kuala Lumpur	906	1,694,769	4.00	6,779,074	50.53	0.00	0.00	0.00	8.66
WP Putrajaya	803	85,954	0.64	55,114	7.84	0.00	0.00	0.15	1.13
Location									
Urban	16,880	22,081,010	1.66	36,654,476	45.25	0.00	0.00	0.64	2.68
Rural	12,580	7,296,281	0.90	6,587,812	18.47	0.00	0.00	0.57	1.24
Sex									
Male	14,225	15,153,923	1.40	21,276,108	43.70	0.00	0.00	0.22	2.59
Female	15,235	14,217,592	1.55	21,966,180	36.31	0.00	0.00	0.58	2.51
Age Group (years)									
0 – 4	2,689	2,493,007	0.04	91,269	0.57	0.00	0.00	0.01	0.06
5 – 9	2,688	2,404,918	0.13	307,589	1.07	0.00	0.00	0.06	0.19
10 – 14	2,638	2,560,413	0.09	240,730	1.02	0.00	0.00	0.05	0.13
15 – 19	2,291	2,637,736	4.55	11,988,509	75.48	0.00	0.00	0.00	9.53
20 – 24	1,928	2,854,894	1.91	5,461,413	34.51	0.00	0.00	0.26	3.57
25 – 29	2,176	2,786,408	0.73	2,025,997	10.83	0.00	0.00	0.22	1.24
30 – 34	2,096	2,632,716	5.78	15,206,568	100.70	0.00	0.00	0.00	12.44
35 – 39	1,915	2,079,549	0.47	971,981	4.80	0.00	0.00	0.21	0.72
40 – 44	1,797	1,856,979	0.77	1,428,945	11.20	0.00	0.00	0.16	1.38
45 – 49	1,869	1,678,517	1.44	2,417,064	31.03	0.00	0.00	0.00	2.88

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,376,554**	**1.47**	**43,242,288**	**40.29**	**0.00**	**0.00**	**0.70**	**2.24**
50 – 54	1,897	1,511,786	0.68	1,027,712	6.19	0.00	0.00	0.40	0.96
55 – 59	1,682	1,265,320	0.46	577,998	5.84	0.00	0.00	0.21	0.70
60 – 64	1,345	939,608	0.68	637,524	7.20	0.00	0.00	0.17	1.19
65 – 69	1,015	696,169	0.71	492,331	7.53	0.00	0.00	0.05	1.37
70 – 74	685	404,528	0.62	249,877	7.92	0.00	0.00	0.07	1.17
75+	749	571,341	0.20	116,782	7.90	0.00	0.00	0.02	0.39
Ethnicity[3]									
Malay	18,879	15,427,328	1.01	15,566,174	29.31	0.00	0.00	0.19	1.83
Chinese	4,246	6,272,092	2.71	16,966,009	67.16	0.00	0.00	0.00	5.56
Indian	1,985	1,925,099	3.31	6,366,303	52.99	0.00	0.00	0.76	5.85
Bumiputera Sabah	1,414	1,536,695	0.51	788,017	3.75	0.00	0.00	0.32	0.71
Bumiputera Sarawak	776	1,303,424	1.05	1,369,899	15.50	0.00	0.00	0.03	2.07
Orang Asli	115	79,830	0.02	1,500	0.14	0.00	0.00	0.00	0.05
Others	2,025	2,816,020	0.78	2,184,387	11.85	0.00	0.00	0.18	1.37
Citizenship									
Malaysian	27,877	27,017,407	1.57	42,390,311	41.98	0.00	0.00	0.73	2.40
Non-Malaysia	1,570	2,328,442	0.37	851,977	4.55	0.00	0.00	0.06	0.67
Marital status[3]									
Never Married	6,687	8,288,944	2.68	22,239,236	50.13	0.00	0.00	0.76	4.61
Married	13,860	13,228,186	1.44	19,008,904	44.84	0.00	0.00	0.22	2.65
Widow/Widower/Divorcee	1,941	1,404,773	1.04	1,462,369	12.92	0.00	0.00	0.35	1.73
Education level[3]									
No formal education	1,995	1,764,176	0.57	998,347	7.30	0.00	0.00	0.21	0.92
Primary	8,611	7,764,377	0.34	2,666,287	4.72	0.00	0.00	0.23	0.46
Secondary	10,354	10,700,028	1.92	20,544,054	40.16	0.00	0.00	0.61	3.23
Tertiary	4,403	5,285,071	3.53	18,661,587	75.50	0.00	0.00	0.17	6.89
Unclassified	1,043	1,049,897	0.21	225,203	2.36	0.00	0.00	0.06	0.37
Occupation[3]									
Government /Semi- government employee	2,195	1,925,208	1.43	2,758,823	29.32	0.00	0.00	0.16	2.71
Private employee	6,206	8,137,336	1.50	12,238,554	24.78	0.00	0.00	0.39	2.62
Self-employed	3,892	3,459,198	2.84	9,806,826	83.46	0.00	0.00	0.00	7.37
Unpaid worker/homemaker	3,352	2,912,935	0.70	2,029,733	6.18	0.00	0.00	0.43	0.97
Retiree	786	609,341	0.62	377,304	6.97	0.00	0.00	0.00	1.35
Unemployed	3,401	2,922,351	1.18	3,439,607	19.86	0.00	0.00	0.31	2.04
Student[4]	2,668	2,973,064	4.06	12,058,746	72.47	0.00	0.00	0.00	8.46

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,376,554**	**1.47**	**43,242,288**	**40.29**	**0.00**	**0.00**	**0.70**	**2.24**
Household Income Group (RM)									
Less than RM1,000	4,638	4,024,171	1.39	5,593,597	21.21	0.00	0.00	0.60	2.19
RM1,000 – RM1,999	5,450	4,894,134	0.57	2,803,360	7.84	0.00	0.00	0.29	0.85
RM2,000 – RM2,999	5,053	4,771,851	3.08	14,678,213	75.07	0.00	0.00	0.00	6.75
RM3,000 – RM3,999	3,743	3,819,994	0.66	2,513,938	12.25	0.00	0.00	0.24	1.07
RM4,000 – RM4,999	2,663	2,886,831	0.30	865,472	3.69	0.00	0.00	0.16	0.44
RM5,000 – RM5,999	2,041	2,270,818	1.60	3,624,226	27.61	0.00	0.00	0.00	3.55
RM6,000 – RM6,999	1,367	1,465,597	0.42	614,085	5.50	0.00	0.00	0.12	0.71
RM7,000 – RM7,999	1,143	1,206,259	5.40	6,518,624	98.40	0.00	0.00	0.00	15.59
RM8,000 – RM8,999	913	1,008,693	2.10	2,122,290	35.15	0.00	0.00	0.00	5.53
RM9,000 – RM9,999	459	498,263	0.44	217,741	7.62	0.00	0.00	0.00	1.01
RM10,000 and above	1,990	2,529,639	1.46	3,690,743	36.19	0.00	0.00	0.30	2.62
Household Income Quintiles									
Q1 (Poorest 20%)	3,958	3,442,169	1.44	4,963,608	22.43	0.00	0.00	0.54	2.34
Q2	5,580	5,055,167	0.63	3,199,921	8.53	0.00	0.00	0.32	0.95
Q3	6,471	6,116,966	2.47	15,121,140	66.34	0.00	0.00	0.00	5.34
Q4	6,072	6,443,024	0.62	4,014,004	11.16	0.00	0.00	0.31	0.94
Q5 (Richest 20%)	7,379	8,316,962	1.92	15,943,616	46.34	0.00	0.00	0.25	3.58
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	6,111	5,875,842	0.66	3,849,852	12.09	0.00	0.00	0.31	1.00
Q2	6,636	5,894,162	0.58	3,433,939	11.23	0.00	0.00	0.29	0.88
Q3	6,049	5,859,593	1.94	11,344,173	48.18	0.00	0.00	0.00	4.18
Q4	5,806	5,886,134	1.34	7,910,964	22.46	0.00	0.00	0.57	2.12
Q5 (Richest 20%)	4,858	5,856,718	2.85	16,703,361	70.97	0.00	0.00	0.00	5.87

Notes:

1. Some cells have respondent count < 30. Results should be interpreted with caution.
2. Due to rounding some totals may not correspond with the sum of the separate figures.
3. Not including missing "Don't know", "Refuse to answer" & "Not Applicable"
4. "Student" include those who age >13 years old and not working.
5. SD=standard deviation, IQR=inter quartile range.

Table 5.17: Health Expenditure to Government Health Facilities for Dental Care by Sociodemographic (Among those who have Dental Care in last 12 months)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**8,308**	**8,164,052**	**5.30**	**43,242,288**	**76.30**	**0.00**	**0.00**	**2.55**	**8.04**
State									
Johor	698	907,992	2.56	2,322,628	18.15	0.00	0.00	1.33	3.79
Kedah	508	518,960	0.88	458,533	6.04	0.00	0.00	0.06	1.71
Kelantan	684	603,693	1.56	941,710	8.95	0.00	0.00	1.00	2.12
Melaka	532	268,986	1.76	472,438	13.87	0.00	0.00	0.66	2.85
Negeri Sembilan	538	307,814	1.15	353,329	7.01	0.00	0.00	0.18	2.11
Pahang	446	393,201	2.32	912,420	32.70	0.00	0.00	0.00	5.09
Pulau Pinang	524	451,256	15.94	7,191,691	160.80	0.00	0.00	0.00	42.41
Perak	522	615,813	5.07	3,120,999	66.89	0.00	0.00	0.00	11.09
Perlis	549	76,733	1.64	125,820	10.83	0.00	0.00	0.94	2.34
Selangor	1,161	1,647,310	8.09	13,325,253	124.20	0.00	0.00	0.00	17.80
Terengganu	552	341,589	2.46	841,994	28.50	0.00	0.00	0.00	4.93
Sabah & Labuan	745	933,419	2.03	1,890,508	10.77	0.00	1.00	0.90	3.15
Sarawak	378	580,021	7.67	4,450,777	59.67	0.00	0.00	0.02	15.32
WP Kuala Lumpur	258	492,644	13.76	6,779,074	93.12	0.00	0.00	0.00	29.17
WP Putrajaya	213	24,621	2.24	55,114	14.55	0.00	0.00	0.64	3.83
Location									
Urban	4,847	6,163,608	5.95	36,654,476	85.49	0.00	0.00	2.33	9.56
Rural	3,461	2,000,444	3.29	6,587,812	35.16	0.00	0.00	2.08	4.51
Sex									
Male	3,682	3,853,059	5.52	21,276,108	86.53	0.00	0.00	0.87	10.17
Female	4,626	4,310,993	5.10	21,966,180	65.83	0.00	0.00	1.91	8.28
Age Group (years)									
0 – 4	196	175,720	0.52	91,269	2.08	0.00	0.00	0.19	0.85
5 – 9	1,706	1,513,291	0.20	307,589	1.34	0.00	0.00	0.10	0.30
10 – 14	1,994	1,864,647	0.13	240,730	1.20	0.00	0.00	0.07	0.18
15 – 19	1,184	1,286,020	9.32	11,988,509	107.90	0.00	0.00	0.00	19.58
20 – 24	337	494,733	11.04	5,461,413	82.40	0.00	2.00	1.56	20.52
25 – 29	429	510,579	3.97	2,025,997	25.07	0.00	1.00	1.25	6.69
30 – 34	432	496,023	30.66	15,206,568	230.60	0.00	2.00	0.00	65.38
35 – 39	381	409,211	2.38	971,981	10.63	0.00	1.00	1.11	3.64
40 – 44	345	350,425	4.08	1,428,945	25.55	0.00	1.00	0.88	7.28
45 – 49	391	354,479	6.82	2,417,064	67.31	0.00	1.00	0.02	13.61

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**8,308**	**8,164,052**	**5.30**	**43,242,288**	**76.30**	**0.00**	**0.00**	**2.55**	**8.04**
50 – 54	351	293,989	3.50	1,027,712	13.70	0.00	1.00	2.09	4.91
55 – 59	220	177,425	3.26	577,998	15.33	0.00	1.00	1.49	5.02
60 – 64	157	105,750	6.03	637,524	20.76	0.00	1.00	1.63	10.43
65 – 69	102	77,829	6.33	492,331	21.82	0.00	1.00	0.55	12.10
70 – 74	49	29,032	8.61	249,877	28.66	0.00	0.00	0.93	16.28
75+	34	24,901	4.69	116,782	38.09	0.00	0.00	0.07	9.31
Ethnicity[3]									
Malay	5,649	4,791,211	3.25	15,566,174	52.53	0.00	0.00	0.63	5.86
Chinese	1,076	1,573,004	10.79	16,966,009	133.80	0.00	0.00	0.00	22.07
Indian	592	578,909	11.00	6,366,303	96.24	0.00	0.00	2.63	19.37
Bumiputera Sabah	464	502,981	1.57	788,017	6.43	0.00	1.00	0.99	2.15
Bumiputera Sarawak	175	317,632	4.31	1,369,899	31.25	0.00	1.00	0.10	8.52
Orang Asli	19	15,682	0.10	1,500	0.30	0.00	0.00	0.00	0.33
Others	332	384,434	5.68	2,184,387	31.67	0.00	0.00	1.26	10.10
Citizenship									
Malaysian	8,191	8,008,833	5.29	42,390,311	77.00	0.00	0.00	2.49	8.09
Non-Malaysia	117	155,219	5.49	851,977	16.86	0.00	0.00	1.07	9.90
Marital status[3]									
Never Married	2,472	2,740,591	8.11	22,239,236	86.94	0.00	0.00	2.34	13.89
Married	2,481	2,412,770	7.88	19,008,904	104.80	0.00	1.00	1.22	14.54
Widow/Widower/Divorcee	224	168,851	8.66	1,462,369	36.46	0.00	2.00	3.03	14.29
Education level[3]									
No formal education	176	144,464	6.91	998,347	24.70	0.00	2.00	2.74	11.09
Primary	3,336	3,059,661	0.87	2,666,287	7.49	0.00	0.00	0.57	1.17
Secondary	2,477	2,539,077	8.09	20,544,054	82.14	0.00	1.00	2.61	13.57
Tertiary	1,157	1,377,034	13.55	18,661,587	147.50	0.00	1.00	0.77	26.33
Unclassified	652	595,630	0.38	225,203	3.13	0.00	0.00	0.11	0.65
Occupation[3]									
Government /Semi- government employee	581	505,601	5.46	2,758,823	57.06	0.00	0.00	0.61	10.30
Private employee	1,069	1,375,780	8.90	12,238,554	59.75	0.00	1.00	2.42	15.37
Self-employed	600	582,406	16.84	9,806,826	203.00	0.00	2.00	0.00	43.70
Unpaid worker/homemaker	655	566,865	3.58	2,029,733	13.65	0.00	2.00	2.21	4.95
Retiree	128	97,191	3.88	377,304	17.13	0.00	0.00	0.00	8.37
Unemployed	431	419,917	8.19	3,439,607	51.90	0.00	1.00	2.28	14.10
Student[4]	1,712	1,773,535	6.80	12,058,746	93.74	0.00	0.00	0.00	14.18

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**8,308**	**8,164,052**	**5.30**	**43,242,288**	**76.30**	**0.00**	**0.00**	**2.55**	**8.04**
Household Income Group (RM)									
Less than RM1,000	1,121	970,294	5.76	5,593,597	42.91	0.00	0.00	2.50	9.03
RM1,000 – RM1,999	1,490	1,300,456	2.16	2,803,360	15.09	0.00	0.00	1.10	3.21
RM2,000 – RM2,999	1,402	1,272,855	11.53	14,678,213	145.10	0.00	0.00	0.00	25.27
RM3,000 – RM3,999	1,058	1,080,830	2.33	2,513,938	22.96	0.00	0.00	0.88	3.77
RM4,000 – RM4,999	729	766,898	1.13	865,472	7.10	0.00	0.00	0.61	1.64
RM5,000 – RM5,999	629	660,800	5.48	3,624,226	51.00	0.00	0.00	0.00	12.18
RM6,000 – RM6,999	389	429,139	1.43	614,085	10.10	0.00	0.00	0.44	2.42
RM7,000 – RM7,999	372	376,103	17.33	6,518,624	175.80	0.00	0.00	0.00	49.81
RM8,000 – RM8,999	288	301,434	7.04	2,122,290	64.11	0.00	0.00	0.00	18.46
RM9,000 – RM9,999	147	162,644	1.34	217,741	13.33	0.00	0.00	0.00	3.10
RM10,000 and above	683	842,599	4.38	3,690,743	62.62	0.00	0.00	0.93	7.83
Household Income Quintiles									
Q1 (Poorest 20%)	939	828,371	5.99	4,963,608	45.45	0.00	0.00	2.29	9.69
Q2	1,509	1,322,046	2.42	3,199,921	16.56	0.00	0.00	1.21	3.63
Q3	1,798	1,650,880	9.16	15,121,140	127.50	0.00	0.00	0.00	19.77
Q4	1,733	1,797,596	2.23	4,014,004	21.05	0.00	0.00	1.11	3.36
Q5 (Richest 20%)	2,329	2,565,159	6.22	15,943,616	83.28	0.00	0.00	0.87	11.56
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	1,406	1,268,274	3.04	3,849,852	25.89	0.00	1.00	1.43	4.64
Q2	1,822	1,587,418	2.16	3,433,939	21.56	0.00	0.00	1.08	3.25
Q3	1,718	1,639,921	6.92	11,344,173	90.90	0.00	0.00	0.00	14.89
Q4	1,761	1,801,718	4.39	7,910,964	40.45	0.00	0.00	1.87	6.91
Q5 (Richest 20%)	1,601	1,866,721	8.95	16,703,361	125.50	0.00	0.00	0.00	18.41

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval, SD=standard deviation, IQR=inter quartile range

Table 5.18: Percapita Health Expenditure to Private Health Facilities for Dental Care by Sociodemographic

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,425**	**12.19**	**357,995,815**	**216.30**	**0.00**	**0.00**	**9.58**	**14.79**
State									
Johor	2,570	3,394,793	10.48	35,582,213	154.00	0.00	0.00	4.68	16.28
Kedah	1,880	1,965,392	3.67	7,205,807	29.55	0.00	0.00	1.80	5.53
Kelantan	1,887	1,638,409	3.60	5,892,433	21.49	0.00	0.00	2.40	4.79
Melaka	1,730	831,355	6.34	5,271,979	77.18	0.00	0.00	1.84	10.84
Negeri Sembilan	1,834	1,001,346	28.23	28,269,125	955.10	0.00	0.00	0.00	75.32
Pahang	1,821	1,544,095	2.05	3,171,948	16.59	0.00	0.00	1.16	2.95
Pulau Pinang	1,878	1,639,851	16.68	27,351,900	106.00	0.00	0.00	9.13	24.23
Perak	1,976	2,350,221	11.25	26,435,825	132.80	0.00	0.00	4.14	18.36
Perlis	1,814	235,217	5.50	1,292,635	44.69	0.00	0.00	2.57	8.42
Selangor	4,117	5,828,226	22.18	129,278,034	172.00	0.00	0.00	14.76	29.60
Terengganu	1,865	1,111,020	2.89	3,213,893	34.20	0.00	0.00	1.47	4.31
Sabah & Labuan	2,610	3,478,079	8.64	30,041,507	71.70	0.00	0.00	4.52	12.75
Sarawak	1,769	2,575,789	8.09	20,849,140	176.70	0.00	0.00	0.00	16.51
WP Kuala Lumpur	906	1,694,692	18.65	31,603,146	115.70	0.00	0.00	10.09	27.21
WP Putrajaya	803	85,951	29.51	2,536,230	445.40	0.00	0.00	0.00	69.86
Location									
Urban	16,880	22,078,000	15.20	335,590,012	248.50	0.00	0.00	11.74	18.66
Rural	12,580	7,296,432	3.07	22,405,803	38.34	0.00	0.00	2.32	3.82
Sex									
Male	14,225	15,152,515	11.06	167,601,964	266.90	0.00	0.00	7.33	14.79
Female	15,235	14,221,912	13.39	190,393,851	144.10	0.00	0.00	10.36	16.42
Age Group (years)									
0 – 4	2,689	2,493,194	0.33	824,550	4.82	0.00	0.00	0.07	0.59
5 – 9	2,688	2,404,971	3.02	7,256,983	23.90	0.00	0.00	1.90	4.14
10 – 14	2,638	2,560,348	5.94	15,199,497	140.20	0.00	0.00	0.00	12.26
15 – 19	2,291	2,637,756	9.94	26,218,361	129.00	0.00	0.00	3.22	16.66
20 – 24	1,928	2,855,609	12.59	35,937,891	174.90	0.00	0.00	4.64	20.53
25 – 29	2,176	2,786,488	16.33	45,494,370	148.20	0.00	0.00	9.34	23.31
30 – 34	2,096	2,632,625	13.17	34,670,036	61.20	0.00	0.00	9.79	16.55
35 – 39	1,915	2,079,356	18.46	38,388,301	97.35	0.00	0.00	12.72	24.20
40 – 44	1,797	1,856,980	14.99	27,827,092	81.15	0.00	0.00	9.65	20.32
45 – 49	1,869	1,678,339	15.25	25,586,713	70.46	0.00	0.00	10.83	19.66

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,425**	**12.19**	**357,995,815**	**216.30**	**0.00**	**0.00**	**9.58**	**14.79**
50 – 54	1,897	1,511,790	17.24	26,070,585	138.00	0.00	0.00	9.06	25.43
55 – 59	1,682	1,265,329	15.27	19,318,568	178.20	0.00	0.00	5.29	25.24
60 – 64	1,345	939,677	33.46	31,438,923	996.50	0.00	0.00	0.00	82.70
65 – 69	1,015	696,123	23.13	16,102,430	310.00	0.00	0.00	0.00	53.77
70 – 74	685	404,506	10.59	4,283,860	142.60	0.00	0.00	0.00	23.30
75+	749	571,345	5.91	3,377,655	72.34	0.00	0.00	0.00	15.11
Ethnicity[3]									
Malay	18,879	15,420,460	11.23	173,167,600	270.70	0.00	0.00	7.41	15.05
Chinese	4,246	6,272,115	19.72	123,697,267	162.80	0.00	0.00	13.63	25.81
Indian	1,985	1,924,991	17.87	34,404,525	183.90	0.00	0.00	7.70	28.05
Bumiputera Sabah	1,414	1,536,737	5.77	8,874,158	66.42	0.00	0.00	0.00	12.04
Bumiputera Sarawak	776	1,303,400	2.70	3,517,385	32.82	0.00	0.00	0.89	4.50
Orang Asli	115	-	0.00	-	0.00	0.00	0.00	0.00	0.00
Others	2,025	2,816,011	5.09	14,334,880	41.14	0.00	0.00	3.05	7.13
Citizenship									
Malaysian	27,877	27,024,884	12.83	346,697,643	224.90	0.00	0.00	10.02	15.64
Non-Malaysia	1,570	2,328,664	4.85	11,298,172	59.15	0.00	0.00	1.94	7.76
Marital status[3]									
Never Married	6,687	8,289,475	13.40	111,097,041	154.60	0.00	0.00	8.96	17.85
Married	13,860	13,224,113	16.64	220,059,283	295.10	0.00	0.00	11.94	21.34
Widow/Widower/Divorcee	1,941	1,404,956	10.16	14,273,556	122.10	0.00	0.00	2.32	18.00
Education level[3]									
No formal education	1,995	1,764,062	0.75	1,331,140	13.11	0.00	0.00	0.28	1.23
Primary	8,611	7,764,933	6.91	53,675,544	128.90	0.00	0.00	3.25	10.58
Secondary	10,354	10,698,149	10.30	110,220,357	109.80	0.00	0.00	7.91	12.70
Tertiary	4,403	5,284,934	35.62	188,229,917	458.80	0.00	0.00	24.40	46.84
Unclassified	1,043	1,049,939	1.81	1,898,553	12.76	0.00	0.00	0.73	2.88
Occupation[3]									
Government /Semi- government employee	2,195	1,925,466	19.82	38,154,529	97.00	0.00	0.00	13.89	25.74
Private employee	6,206	8,137,551	13.00	105,747,878	79.88	0.00	0.00	10.64	15.35
Self-employed	3,892	3,459,064	13.90	48,078,740	124.00	0.00	0.00	9.57	18.23
Unpaid worker/homemaker	3,352	2,913,131	17.88	52,089,704	228.90	0.00	0.00	7.92	27.84
Retiree	786	609,294	57.65	35,124,464	1230.00	0.00	0.00	0.00	134.50
Unemployed	3,401	2,921,854	3.53	10,313,318	33.24	0.00	0.00	1.76	5.30
Student[4]	2,668	2,972,928	18.81	55,921,247	239.00	0.00	0.00	7.46	30.16

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,425**	**12.19**	**357,995,815**	**216.30**	**0.00**	**0.00**	**9.58**	**14.79**
Household Income Group (RM)									
Less than RM1,000	4,638	4,022,873	5.36	21,569,023	85.63	0.00	0.00	2.99	7.73
RM1,000 – RM1,999	5,450	4,893,775	3.69	18,061,156	41.17	0.00	0.00	2.18	5.20
RM2,000 – RM2,999	5,053	4,772,190	3.41	16,289,478	25.69	0.00	0.00	2.40	4.43
RM3,000 – RM3,999	3,743	3,820,067	5.35	20,422,026	47.14	0.00	0.00	3.67	7.02
RM4,000 – RM4,999	2,663	2,886,709	12.77	36,869,332	169.20	0.00	0.00	4.78	20.76
RM5,000 – RM5,999	2,041	2,270,354	21.26	48,262,471	238.10	0.00	0.00	7.39	35.13
RM6,000 – RM6,999	1,367	1,465,749	17.42	25,536,824	159.40	0.00	0.00	5.88	28.96
RM7,000 – RM7,999	1,143	1,206,329	17.38	20,970,944	97.29	0.00	0.00	9.35	25.42
RM8,000 – RM8,999	913	1,008,764	18.97	19,133,421	211.40	0.00	0.00	3.34	34.59
RM9,000 – RM9,999	459	498,253	28.24	14,068,210	184.70	0.00	0.00	6.46	50.01
RM10,000 and above	1,990	2,529,375	46.18	116,812,930	628.70	0.00	0.00	25.75	66.61
Household Income Quintiles									
Q1 (Poorest 20%)	3,958	3,442,008	6.21	21,381,958	92.49	0.00	0.00	3.45	8.98
Q2	5,580	5,055,474	3.45	17,437,681	40.13	0.00	0.00	2.01	4.89
Q3	6,471	6,117,003	3.85	23,570,000	29.91	0.00	0.00	2.77	4.94
Q4	6,072	6,443,352	13.12	84,549,666	182.50	0.00	0.00	7.09	19.16
Q5 (Richest 20%)	7,379	8,316,597	25.38	211,056,510	366.10	0.00	0.00	18.26	32.50
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	6,111	5,875,549	2.32	13,619,835	37.22	0.00	0.00	1.53	3.11
Q2	6,636	5,894,597	5.81	34,276,911	87.62	0.00	0.00	3.45	8.18
Q3	6,049	5,858,449	5.11	29,943,183	36.96	0.00	0.00	3.85	6.37
Q4	5,806	5,888,169	13.66	80,423,375	138.80	0.00	0.00	8.95	18.37
Q5 (Richest 20%)	4,858	5,857,672	34.10	199,732,511	451.90	0.00	0.00	23.14	45.06

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval, SD=standard deviation, IQR=inter quartile range

Table 5.19: Health Expenditure to Private Health Facilities for Dental Care by Sociodemographic (Among those who have Dental Care in last 12 months)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**8,308**	**8,164,052**	**43.85**	**357,995,815**	**408.70**	**0.00**	**0.00**	**34.62**	**53.08**
State									
Johor	698	907,992	39.19	35,582,213	296.00	0.00	0.00	18.33	60.05
Kedah	508	518,960	13.89	7,205,807	56.30	0.00	0.00	7.12	20.65
Kelantan	684	603,693	9.76	5,892,433	34.56	0.00	0.00	6.39	13.13
Melaka	532	268,986	19.60	5,271,979	134.80	0.00	0.00	5.74	33.45
Negeri Sembilan	538	307,814	91.84	28,269,125	1,722.00	0.00	0.00	0.00	245.62
Pahang	446	393,201	8.07	3,171,948	32.17	0.00	0.00	4.44	11.69
Pulau Pinang	524	451,256	60.61	27,351,900	195.40	0.00	70.00	36.03	85.19
Perak	522	615,813	42.93	26,435,825	257.00	0.00	0.00	15.43	70.43
Perlis	549	76,733	16.85	1,292,635	77.07	0.00	0.00	8.69	25.00
Selangor	1,161	1,647,310	78.48	129,278,034	316.80	0.00	80.00	53.54	103.42
Terengganu	552	341,589	9.41	3,213,893	61.23	0.00	0.00	4.96	13.86
Sabah & Labuan	745	933,419	32.18	30,041,507	135.70	0.00	0.00	16.76	47.61
Sarawak	378	580,021	35.95	20,849,140	371.50	0.00	0.00	0.00	73.92
WP Kuala Lumpur	258	492,644	64.15	31,603,146	208.00	0.00	80.00	38.40	89.90
WP Putrajaya	213	24,621	103.01	2,536,230	829.00	0.00	0.00	0.00	240.30
Location									
Urban	4,847	6,163,608	54.45	335,590,012	468.10	0.00	20.00	42.27	66.62
Rural	3,461	2,000,443	11.20	22,405,803	72.60	0.00	0.00	8.53	13.87
Sex									
Male	3,682	3,853,059	43.50	167,601,964	528.00	0.00	0.00	28.94	58.06
Female	4,626	4,310,993	44.16	190,393,851	259.20	0.00	0.00	34.32	54.01
Age Group (years)									
0 – 4	196	175,720	4.69	824,550	17.62	0.00	0.00	1.20	8.19
5 – 9	1,706	1,513,291	4.80	7,256,983	29.99	0.00	0.00	3.03	6.56
10 – 14	1,994	1,864,645	8.15	15,199,497	164.20	0.00	0.00	0.00	16.85
15 – 19	1,184	1,286,020	20.39	26,218,361	184.10	0.00	0.00	6.67	34.11
20 – 24	337	494,733	72.64	35,937,891	415.40	0.00	70.00	27.56	117.72
25 – 29	429	510,579	89.10	45,494,370	337.00	0.00	80.00	52.81	125.39
30 – 34	432	496,023	69.90	34,670,036	126.30	0.00	100.00	54.34	85.45
35 – 39	381	409,211	93.81	38,388,301	202.90	40.00	100.00	68.93	118.69
40 – 44	345	350,425	79.41	27,827,092	172.80	40.00	100.00	53.59	105.23
45 – 49	391	354,479	72.18	25,586,713	139.40	0.00	100.00	53.70	90.66

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**8,308**	**8,164,052**	**43.85**	**357,995,815**	**408.70**	**0.00**	**0.00**	**34.62**	**53.08**
50 – 54	351	293,989	88.68	26,070,585	303.00	0.00	80.00	48.66	128.69
55 – 59	220	177,425	108.88	19,318,568	466.00	10.00	100.00	42.45	175.31
60 – 64	157	105,750	297.29	31,438,923	2,965.00	0.00	60.00	0.00	734.68
65 – 69	102	77,829	206.90	16,102,430	910.30	0.00	80.00	0.00	469.77
70 – 74	49	29,032	147.56	4,283,860	517.90	0.00	90.00	0.00	317.45
75+	34	24,901	135.64	3,377,655	324.70	0.00	90.00	0.00	328.20
Ethnicity[3]									
Malay	5,649	4,791,210	36.14	173,167,600	484.80	0.00	0.00	23.93	48.36
Chinese	1,076	1,573,004	78.64	123,697,267	317.90	0.00	80.00	55.63	101.64
Indian	592	578,909	59.43	34,404,525	331.70	0.00	35.00	26.59	92.27
Bumiputera Sabah	464	502,981	17.64	8,874,158	115.30	0.00	0.00	0.00	36.99
Bumiputera Sarawak	175	317,632	11.07	3,517,385	65.92	0.00	0.00	3.47	18.67
Orang Asli	19	-	0.00	-	-	0.00	0.00	0.00	0.00
Others	332	384,434	37.29	14,334,880	105.90	0.00	40.00	23.69	50.89
Citizenship									
Malaysian	8,191	8,008,833	43.29	346,697,643	411.50	0.00	0.00	33.91	52.67
Non-Malaysia	117	155,219	72.79	11,298,172	218.90	15.00	80.00	31.76	113.82
Marital status[3]									
Never Married	2,472	2,740,591	40.54	111,097,041	266.80	0.00	0.00	27.21	53.87
Married	2,481	2,412,770	91.21	220,059,283	686.10	0.00	85.00	66.14	116.27
Widow/Widower/Divorcee	224	168,851	84.53	14,273,556	343.70	0.00	60.00	22.62	146.45
Education level[3]									
No formal education	176	144,464	9.21	1,331,140	45.06	0.00	0.00	3.51	14.91
Primary	3,336	3,059,659	17.54	53,675,544	204.90	0.00	0.00	8.23	26.85
Secondary	2,477	2,539,077	43.41	110,220,357	222.10	0.00	40.00	33.53	53.29
Tertiary	1,157	1,377,034	136.69	188,229,917	891.30	50.00	120.00	94.79	178.59
Unclassified	652	595,630	3.19	1,898,553	16.82	0.00	0.00	1.31	5.06
Occupation[3]									
Government /Semi- government employee	581	505,601	75.46	38,154,529	178.00	0.00	95.00	54.84	96.09
Private employee	1,069	1,375,780	76.86	105,747,878	181.30	0.00	100.00	64.58	89.14
Self-employed	600	582,406	82.55	48,078,740	292.80	0.00	80.00	57.56	107.54
Unpaid worker/homemaker	655	566,865	91.89	52,089,704	512.70	0.00	50.00	42.40	141.38
Retiree	128	97,191	361.40	35,124,464	3,072.00	0.00	120.00	0.00	838.63
Unemployed	431	419,917	24.56	10,313,318	84.76	0.00	0.00	12.51	36.61
Student[4]	1,712	1,773,535	31.53	55,921,247	308.80	0.00	0.00	12.53	50.53

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**8,308**	**8,164,052**	**43.85**	**357,995,815**	**408.70**	**0.00**	**0.00**	**34.62**	**53.08**
Household Income Group (RM)									
Less than RM1,000	1,121	970,294	22.23	21,569,023	173.30	0.00	0.00	12.64	31.82
RM1,000 – RM1,999	1,490	1,300,456	13.89	18,061,156	78.99	0.00	0.00	8.24	19.54
RM2,000 – RM2,999	1,402	1,272,855	12.80	16,289,478	48.54	0.00	0.00	9.16	16.43
RM3,000 – RM3,999	1,058	1,080,830	18.89	20,422,026	87.20	0.00	0.00	12.93	24.86
RM4,000 – RM4,999	729	766,898	48.08	36,869,332	325.90	0.00	0.00	18.56	77.60
RM5,000 – RM5,999	629	660,800	73.04	48,262,471	437.20	0.00	55.00	26.45	119.63
RM6,000 – RM6,999	389	429,139	59.51	25,536,824	290.50	0.00	35.00	20.63	98.38
RM7,000 – RM7,999	372	376,103	55.76	20,970,944	168.10	0.00	60.00	31.34	80.18
RM8,000 – RM8,999	288	301,434	63.47	19,133,421	383.50	0.00	60.00	13.11	113.83
RM9,000 – RM9,999	147	162,644	86.50	14,068,210	316.00	0.00	100.00	27.51	145.49
RM10,000 and above	683	842,599	138.63	116,812,930	1,084.00	0.00	100.00	78.03	199.23
Household Income Quintiles									
Q1 (Poorest 20%)	939	828,371	25.81	21,381,958	187.30	0.00	0.00	14.65	36.97
Q2	1,509	1,322,046	13.19	17,437,681	77.67	0.00	0.00	7.69	18.69
Q3	1,798	1,650,880	14.28	23,570,000	56.28	0.00	0.00	10.37	18.18
Q4	1,733	1,797,596	47.03	84,549,666	343.30	0.00	0.00	25.65	68.42
Q5 (Richest 20%)	2,329	2,565,159	82.28	211,056,510	655.80	0.00	80.00	59.75	104.81
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	1,406	1,268,275	10.74	13,619,835	79.57	0.00	0.00	7.22	14.26
Q2	1,822	1,587,418	21.59	34,276,911	167.90	0.00	0.00	12.91	30.27
Q3	1,718	1,639,921	18.26	29,943,183	68.14	0.00	0.00	13.90	22.61
Q4	1,761	1,801,718	44.64	80,423,375	248.20	0.00	0.00	29.63	59.64
Q5 (Richest 20%)	1,601	1,866,722	107.00	199,732,511	795.80	0.00	80.00	73.11	140.88

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD=standard deviation; IQR=inter quartile range

Table 5.20: Percapita Health Expenditure for Out-patient Care by Sociodemographic

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,439**	**302.24**	**8,877,992,262**	**38,364.00**	**0.00**	**0.00**	**0.00**	**672.13**
State									
Johor	2,570	3,394,793	50.41	171,142,322	362.90	0.00	0.00	34.07	66.75
Kedah	1,880	1,965,392	260.46	511,911,815	7,528.00	0.00	0.00	0.00	690.10
Kelantan	1,887	1,638,409	34.54	56,591,379	401.70	0.00	0.00	16.07	53.01
Melaka	1,730	831,355	6632.79	5,514,206,870	227,228.00	0.00	0.00	0.00	19776.72
Negeri Sembilan	1,834	1,001,346	48.70	48,764,860	387.70	0.00	0.00	24.93	72.47
Pahang	1,821	1,544,095	87.02	134,367,929	1,824.00	0.00	0.00	20.10	153.95
Pulau Pinang	1,878	1,639,851	133.12	218,298,055	2,257.00	0.00	0.00	34.20	232.05
Perak	1,976	2,350,221	33.50	78,738,974	296.40	0.00	0.00	19.94	47.07
Perlis	1,814	235,217	43.84	10,310,755	276.60	0.00	0.00	29.78	57.89
Selangor	4,117	5,828,225	227.71	1,327,138,128	5,147.00	0.00	0.00	72.42	383.00
Terengganu	1,865	1,111,020	44.47	49,401,968	527.40	0.00	0.00	18.53	70.40
Sabah & WP Labuan	2,610	3,478,079	65.75	228,673,282	661.50	0.00	0.00	40.56	90.93
Sarawak	1,769	2,575,789	144.61	372,475,274	2,184.00	0.00	0.00	45.34	243.87
WP Kuala Lumpur	906	1,694,692	87.86	148,891,842	1,155.00	0.00	0.00	33.67	142.04
WP Putrajaya	803	85,951	82.36	7,078,810	887.30	0.00	0.00	23.06	141.66
Location									
Urban	16,880	22,078,005	356.42	7,868,989,525	44,185.00	0.00	0.00	0.00	847.00
Rural	12,580	7,296,434	138.29	1,009,002,737	4,219.00	0.00	0.00	17.59	258.99
Sex									
Male	14,225	15,152,520	503.02	7,622,046,187	53,401.00	0.00	0.00	0.00	1218.19
Female	15,235	14,221,914	88.31	1,255,946,076	1,254.00	0.00	0.00	66.63	109.99
Age Group (Years)									
0-4	2,689	2,493,193	162.01	403,914,263	1,942.00	0.00	0.00	73.06	250.96
5-9	2,688	2,404,971	59.78	143,777,133	465.50	0.00	0.00	37.99	81.58
10-14	2,638	2,560,348	19.36	49,580,009	187.20	0.00	0.00	8.78	29.95
15-19	2,291	2,637,756	62.53	164,927,338	1,574.00	0.00	0.00	13.26	111.79
20-24	1,928	2,855,609	205.24	586,096,109	6,263.00	0.00	0.00	0.00	499.48
25-29	2,176	2,786,488	81.73	227,728,712	1,185.00	0.00	0.00	22.35	141.10
30-34	2,096	2,632,625	42.48	111,827,867	330.50	0.00	0.00	25.87	59.08
35-39	1,915	2,079,356	84.67	176,068,623	953.20	0.00	0.00	42.43	126.92
40-44	1,797	1,856,980	55.92	103,845,550	400.60	0.00	0.00	32.59	79.25
45-49	1,869	1,678,339	3412.76	5,727,771,877	159,963.00	0.00	0.00	0.00	9833.55

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,439**	**302.24**	**8,877,992,262**	**38,364.00**	**0.00**	**0.00**	**0.00**	**672.13**
50-54	1,897	1,511,790	71.88	108,665,742	626.50	0.00	0.00	30.34	113.41
55-59	1,682	1,265,329	472.81	598,257,831	10,621.00	0.00	0.00	0.00	1158.62
60-64	1,345	939,677	73.35	68,924,155	583.10	0.00	0.00	33.56	113.13
65-69	1,015	696,123	86.01	59,873,192	1,911.00	0.00	0.00	3.70	168.32
70-74	685	404,506	316.27	127,932,760	2,541.00	0.00	0.00	97.92	534.62
75+	749	571,345	382.96	218,801,103	3,605.00	0.00	0.00	73.76	692.15
Ethnicity[3]									
Malay	18,879	15,420,457	446.31	6,882,287,031	52,844.00	0.00	0.00	0.00	1148.75
Chinese	4,246	6,272,115	191.16	1,198,971,815	4,945.00	0.00	0.00	47.82	334.49
Indian	1,985	1,924,991	103.02	198,315,659	798.50	0.00	0.00	66.70	139.34
Bumiputera Sabah	1,414	1,536,737	87.70	134,772,209	721.10	0.00	0.00	42.30	133.10
Bumiputera Sarawak	776	1,303,400	199.02	259,405,182	2,865.00	0.00	0.00	17.72	380.33
Orang Asli	115	79,830	16.85	1,345,494	117.60	0.00	0.00	-3.29	37.00
Others	2,025	2,816,011	72.04	202,870,730	1,472.00	0.00	0.00	27.48	116.60
Citizenship									
Malaysian	27,877	27,024,890	318.25	8,600,711,850	39,991.00	0.00	0.00	0.00	720.23
Non Malaysian	1,570	2,328,665	119.07	277,280,413	2,329.00	0.00	0.00	30.49	207.65
Marital status[4]									
Never married	6,687	8,289,474	55.45	459,655,554	1,130.00	0.00	0.00	30.58	80.32
Married	13,860	13,224,116	578.60	7,651,477,308	57,162.00	0.00	0.00	0.00	1399.53
Widow/Widower/Divorcee	1,941	1,404,958	135.02	189,693,289	1,300.00	0.00	0.00	66.21	203.82
Education[5]									
No formal education	1,995	1,764,062	154.72	272,938,631	1,822.00	0.00	0.00	86.24	223.21
Primary	8,611	7,764,933	56.67	440,015,557	1,095.00	0.00	0.00	37.06	76.27
Secondary	10,354	10,698,154	138.89	1,485,870,826	4,924.00	0.00	0.00	24.79	252.99
Tertiary	4,403	5,284,932	1180.97	6,241,319,815	90,151.00	0.00	0.00	0.00	3219.88
Unclassified	1,043	1,049,939	46.79	49,125,479	436.70	0.00	0.00	11.69	81.89
Occupation[6]									
Government/Semi-government employee	2,195	1,925,466	2966.71	5,712,298,351	149,341.00	0.00	0.00	0.00	8566.68
Private employee	6,206	8,137,546	196.18	1,596,423,850	5,676.00	0.00	0.00	45.14	347.22
Self-employed	3,892	3,459,064	81.89	283,271,476	1,455.00	0.00	0.00	41.69	122.09
Unpaid worker/homemaker	3,352	2,913,131	59.61	173,638,244	461.50	0.00	0.00	38.61	80.60
Retiree	786	609,294	163.08	99,365,800	2,049.00	0.00	0.00	0.00	328.51
Unemployed	3,401	2,921,855	124.55	363,906,484	1,830.00	0.00	0.00	71.82	177.28
Student[4]	2,668	2,972,927	24.19	71,921,946	356.00	0.00	0.00	11.03	37.36

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,439**	**302.24**	**8,877,992,262**	**38,364.00**	**0.00**	**0.00**	**0.00**	**672.13**
Household Income Group (RM)									
Less than RM1000	4,638	4,022,873	68.05	273,736,389	922.50	0.00	0.00	37.73	98.36
RM1000-RM1999	5,450	4,893,775	79.83	390,656,212	1,940.00	0.00	0.00	28.26	131.39
RM2000-RM2999	5,053	4,772,191	146.26	697,956,722	4,852.00	0.00	0.00	0.00	322.96
RM3000-RM3999	3,743	3,820,067	80.95	309,242,010	1,210.00	0.00	0.00	43.97	117.93
RM4000-RM4999	2,663	2,886,709	64.72	186,823,713	649.40	0.00	0.00	38.81	90.62
RM5000-RM5999	2,041	2,270,353	52.65	119,534,138	341.00	0.00	0.00	35.65	69.65
RM6000-RM6999	1,367	1,465,749	112.52	164,926,318	740.60	0.00	0.00	53.62	171.42
RM7000-RM7999	1,143	1,206,329	104.54	126,106,642	1,190.00	0.00	0.00	34.56	174.51
RM8000-RM8999	913	1,008,764	178.69	180,257,333	1,925.00	0.00	0.00	19.84	337.55
RM9000-RM10000	459	498,253	53.52	26,666,196	304.30	0.00	0.00	19.04	88.00
RM10000 and above	1,990	2,529,375	2531.09	6,402,086,591	130,524.00	0.00	0.00	0.00	6815.96
Household Income Quintiles									
Q1(poorest)	3,958	3,442,008	76.02	261,675,068	994.80	0.00	0.00	40.70	111.35
Q2	5,580	5,055,474	77.54	392,016,802	1,908.00	0.00	0.00	27.60	127.49
Q3	6,471	6,117,001	129.51	792,229,950	4,310.00	0.00	0.00	0.00	267.83
Q4	6,072	6,443,354	70.81	456,285,353	932.00	0.00	0.00	48.05	93.58
Q5(richest)	7,379	8,316,597	838.78	6,975,785,090	71,983.00	0.00	0.00	0.00	2139.40
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (20% poorest)	6,111	5,875,546	115.71	679,864,662	4,437.00	0.00	0.00	0.00	260.02
Q2	6,636	5,894,597	58.79	346,547,812	1,310.00	0.00	0.00	21.58	96.00
Q3	6,049	5,858,449	82.37	482,535,305	877.10	0.00	0.00	55.78	108.95
Q4	5,806	5,888,169	153.15	901,743,571	4,929.00	0.00	0.00	4.98	301.31
Q5 (20% richest)	4,858	5,857,670	1104.07	6,467,300,913	85,641.00	0.00	0.00	0.00	2944.15

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD=standard deviation; IQR=inter quartile range

Table 5.21: Health Expenditure for Out-patient Care by Sociodemographic (Among those who have Out-patient Care in last 2 weeks)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**2,811**	**2,651,521**	**3348.26**	**8,877,992,262**	**127,671.00**	**26.07**	**990.70**	**0.00**	**7449.65**
State									
Johor	174	208,029	822.68	171,142,322	1,233.00	52.14	1147.00	607.09	1038.28
Kedah	177	170,690	2999.07	511,911,815	25,447.00	26.07	677.90	0.00	7853.23
Kelantan	207	170,453	332.01	56,591,379	1,208.00	26.07	52.14	160.48	503.53
Melaka	172	72,032	76552.18	5,514,206,870	770,500.00	26.07	130.40	0.00	230361.40
Negeri Sembilan	168	79,283	615.07	48,764,860	1,248.00	26.07	990.70	364.38	865.77
Pahang	178	136,783	982.34	134,367,929	6,073.00	26.07	677.90	214.09	1750.60
Pulau Pinang	179	138,582	1575.23	218,298,055	7,635.00	52.14	990.70	311.55	2838.90
Perak	150	168,051	468.54	78,738,974	1,015.00	26.07	782.10	300.81	636.27
Perlis	181	22,750	453.22	10,310,755	779.90	26.07	651.80	336.73	569.71
Selangor	414	565,971	2344.89	1,327,138,128	16,384.00	78.21	1304.00	764.93	3924.85
Terengganu	171	101,603	486.23	49,401,968	1,686.00	26.07	521.40	233.13	739.32
Sabah & WP Labuan	319	388,953	587.92	228,673,282	1,902.00	26.07	365.00	347.07	828.77
Sarawak	195	303,711	1226.41	372,475,274	6,270.00	26.07	782.10	451.65	2001.17
WP Kuala Lumpur	62	118,361	1257.95	148,891,842	4,229.00	52.14	1564.00	527.76	1988.13
WP Putrajaya	64	6,269	1129.18	7,078,810	3,123.00	26.07	1304.00	418.84	1839.51
Location									
Urban	1,524	1,920,836	4096.65	7,868,989,525	149,794.00	26.07	1043.00	0.00	9743.44
Rural	1,287	730,685	1380.90	1,009,002,737	13,274.00	26.07	469.30	189.27	2572.53
Sex									
Male	1,237	1,266,502	6018.19	7,622,046,187	184,689.00	26.07	1043.00	0.00	14586.80
Female	1,574	1,385,019	906.81	1,255,946,076	3,927.00	26.07	938.60	689.12	1124.49
Age Group (Years)									
0-4	477	451,704	894.20	403,914,263	4,493.00	52.14	1043.00	418.43	1369.97
5-9	277	262,299	548.14	143,777,133	1,313.00	26.07	756.10	351.46	744.83
10-14	169	164,456	301.48	49,580,009	680.60	26.07	52.14	142.46	460.49
15-19	127	151,395	1089.38	164,927,338	6,507.00	26.07	495.40	228.57	1950.20
20-24	118	173,860	3371.08	586,096,109	25,273.00	130.40	1277.00	0.00	8184.68
25-29	169	210,460	1082.05	227,728,712	4,197.00	26.07	1043.00	318.88	1845.23
30-34	152	181,548	615.97	111,827,867	1,113.00	26.07	1043.00	420.37	811.57
35-39	150	156,003	1128.62	176,068,623	3,317.00	26.07	1304.00	599.16	1658.09
40-44	135	129,747	800.37	103,845,550	1,309.00	52.14	1069.00	521.91	1078.83
45-49	147	134,580	42560.35	5,727,771,877	565,195.00	26.07	1304.00	0.00	122567.20

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**2,811**	**2,651,521**	**3348.26**	**8,877,992,262**	**127,671.00**	**26.07**	**990.70**	**0.00**	**7449.65**
50-54	197	152,974	710.35	108,665,742	1,855.00	26.07	782.10	324.81	1095.90
55-59	189	133,717	4474.06	598,257,831	32,474.00	26.07	1043.00	0.00	10957.01
60-64	157	114,041	604.38	68,924,155	1,579.00	0.00	521.40	293.97	914.79
65-69	129	74,951	798.83	59,873,192	5,795.00	0.00	26.07	38.59	1559.08
70-74	109	76,048	1682.26	127,932,760	5,682.00	26.07	1043.00	525.89	2838.64
75+	109	83,738	2612.93	218,801,103	9,137.00	0.00	1173.00	552.02	4673.83
Ethnicity[3]									
Malay	1,816	1,458,398	4719.07	6,882,287,031	171,816.00	26.07	782.10	0.00	12148.86
Chinese	291	402,853	2976.20	1,198,971,815	19,329.00	782.10	1564.00	817.31	5135.10
Indian	225	209,582	946.24	198,315,659	2,253.00	26.07	1147.00	640.35	1252.14
Bumiputera Sabah	222	222,220	606.48	134,772,209	1,815.00	26.07	286.80	308.02	904.94
Bumiputera Sarawak	106	193,516	1340.48	259,405,182	7,362.00	26.07	391.10	175.92	2505.05
OrangAsli	6	4,782	281.37	1,345,494	430.30	0.00	677.90	0.00	569.66
Others	143	159,244	1273.96	202,870,730	6,084.00	26.07	964.60	479.79	2068.13
Citizenship									
Malaysian	2,726	2,549,916	3372.94	8,600,711,850	130,173.00	26.07	912.50	0.00	7636.75
Non-Malaysian	85	101,605	2729.00	277,280,413	10,885.00	391.10	1304.00	726.44	4731.57
Marital status[3]									
Never married	402	477,719	962.19	459,655,554	4,620.00	26.07	1017.00	538.20	1386.17
Married	1,290	1,170,872	6534.85	7,651,477,308	192,070.00	26.07	1043.00	0.00	15808.32
Widow/Widower/Divorcee	260	177,820	1066.77	189,693,289	3,521.00	0.00	782.10	547.46	1586.08
Education[3]									
No formal education	288	243,801	1119.51	272,938,631	4,795.00	26.07	1173.00	647.95	1591.08
Primary	799	676,596	650.34	440,015,557	3,658.00	26.07	365.00	430.12	870.55
Secondary	793	774,938	1917.41	1,485,870,826	18,214.00	26.07	912.50	339.96	3494.85
Tertiary	368	419,947	14862.16	6,241,319,815	319,892.00	260.70	1564.00	0.00	40535.34
Unclassified	76	68,371	718.51	49,125,479	1,574.00	26.07	1173.00	260.78	1176.25
Occupation[3]									
Government/Semi-government employee	209	179,218	31873.46	5,712,298,351	489,624.00	26.07	1173.00	0.00	91851.63
Private employee	497	603,710	2644.36	1,596,423,850	20,702.00	26.07	1304.00	614.87	4673.84
Self-employed	285	241,446	1173.23	283,271,476	5,400.00	52.14	1017.00	606.16	1740.30
Unpaid worker/homemaker	339	280,142	619.82	173,638,244	1,368.00	26.07	521.40	414.53	825.11
Retiree	79	60,289	1648.16	99,365,800	6,359.00	0.00	391.10	32.49	3263.82
Unemployed	392	307,912	1181.85	363,906,484	5,531.00	26.07	391.10	692.58	1671.12
Student[4]	151	153,694	467.96	71,921,946	1,503.00	26.07	495.40	218.25	717.66

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**2,811**	**2,651,521**	**3348.26**	**8,877,992,262**	**127,671.00**	**26.07**	**990.70**	**0.00**	**7449.65**
Household Income Group (RM)									
Less than RM1000	486	407,407	671.90	273,736,389	2,831.00	26.07	260.70	376.35	967.45
RM1000-RM1999	534	444,462	878.94	390,656,212	6,387.00	26.07	52.14	310.14	1447.74
RM2000-RM2999	520	449,054	1554.28	697,956,722	15,761.00	26.07	782.10	0.00	3412.65
RM3000-RM3999	329	336,033	920.27	309,242,010	3,990.00	26.07	860.40	515.16	1325.39
RM4000-RM4999	227	240,268	777.56	186,823,713	2,129.00	26.07	1017.00	485.46	1069.66
RM5000-RM5999	197	217,912	548.54	119,534,138	971.40	26.07	1043.00	396.95	700.13
RM6000-RM6999	120	140,598	1173.04	164,926,318	2,123.00	521.40	1434.00	694.56	1651.51
RM7000-RM7999	97	94,056	1340.76	126,106,642	4,080.00	26.07	1043.00	495.34	2186.18
RM8000-RM8999	92	91,643	1966.95	180,257,333	6,136.00	782.10	1304.00	283.47	3650.43
RM9000-RM10000	37	32,533	819.67	26,666,196	899.50	1043.00	1564.00	488.35	1150.98
RM10000 and above	172	197,555	32406.60	6,402,086,591	467,243.00	912.50	2294.00	0.00	87213.94
Household Income Quintiles									
Q1(poorest)	409	346,852	754.43	261,675,068	3,054.00	26.07	260.70	409.02	1099.84
Q2	554	468,347	837.02	392,016,802	6,224.00	26.07	78.21	295.61	1378.43
Q3	651	562,457	1408.52	792,229,950	14,161.00	26.07	782.10	0.00	2899.16
Q4	529	562,110	811.74	456,285,353	3,061.00	26.07	1017.00	565.06	1058.41
Q5(richest)	668	711,755	9800.82	6,975,785,090	246,047.00	130.40	1304.00	0.00	25011.61
Socioeconomic Quintiles (based on HCD 2011)									
Q1(poorest)	594	553,485	1228.33	679,864,662	14,419.00	26.07	208.60	0.00	2754.72
Q2	685	565,119	613.23	346,547,812	4,192.00	26.07	260.70	226.45	1000.01
Q3	585	561,945	858.69	482,535,305	2,714.00	26.07	1043.00	602.54	1114.84
Q4	541	512,261	1760.32	901,743,571	16,639.00	26.07	1043.00	58.26	3462.38
Q5(richest)	406	458,711	14098.86	6,467,300,913	306,083.00	782.10	1564.00	0.00	37630.37

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval. SD=standard deviation. IQR=inter quartile range

Table 5.22: Percapita Health Expenditure to Government Health Facilities for Out-patient Care by Sociodemographic

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,435**	**30.63**	**899,637,316**	**2,028.00**	**0.00**	**0.00**	**1.25**	**60.01**
State									
Johor	2,570	3,394,794	2.89	9,813,703	60.60	0.00	0.00	0.74	5.04
Kedah	1,880	1,965,392	219.12	430,657,131	7,519.00	0.00	0.00	0.00	646.37
Kelantan	1,887	1,638,409	5.33	8,738,783	63.07	0.00	0.00	2.46	8.21
Melaka	1,730	831,355	11.99	9,971,252	156.00	0.00	0.00	0.00	24.28
Negeri Sembilan	1,834	1,001,346	5.31	5,317,398	154.10	0.00	0.00	0.00	11.38
Pahang	1,821	1,544,095	3.71	5,734,906	60.63	0.00	0.00	1.18	6.25
Pulau Pinang	1,878	1,639,851	26.47	43,405,644	1,170.00	0.00	0.00	0.00	56.92
Perak	1,976	2,350,221	5.26	12,358,379	171.30	0.00	0.00	0.00	11.52
Perlis	1,814	235,217	7.51	1,767,043	111.50	0.00	0.00	1.82	13.20
Selangor	4,117	5,828,226	25.02	145,820,991	818.70	0.00	0.00	0.00	52.35
Terengganu	1,865	1,111,020	8.39	9,321,996	134.80	0.00	0.00	2.02	14.76
Sabah / Labuan	2,610	3,478,079	35.08	122,016,710	598.80	0.00	0.00	13.07	57.09
Sarawak	1,769	2,575,789	11.16	28,751,780	206.80	0.00	0.00	0.00	24.50
WP Kuala Lumput	906	1,694,692	38.30	64,913,085	1,101.00	0.00	0.00	0.00	85.81
WP Putrajaya	803	85,951	12.20	1,048,515	166.00	0.00	0.00	0.29	24.11
Location									
Urban	16,880	22,078,007	16.29	359,653,821	561.80	0.00	0.00	7.55	25.03
Rural	12,580	7,296,432	74.01	539,983,495	3,950.00	0.00	0.00	0.00	189.31
Sex									
Male	14,225	15,152,520	44.80	678,775,322	2,786.00	0.00	0.00	0.00	101.16
Female	15,235	14,221,919	15.53	220,861,994	479.00	0.00	0.00	7.63	23.43
Age Group (years)									
0-4	2,689	2,493,194	16.24	40,477,222	230.00	0.00	0.00	3.89	28.58
5 - 9	2,688	2,404,971	6.54	15,729,310	105.10	0.00	0.00	2.39	10.70
10 - 14	2,638	2,560,348	2.09	5,344,147	30.92	0.00	0.00	0.80	3.37
15-19	2,291	2,637,756	7.48	19,740,608	330.70	0.00	0.00	0.00	19.15
20-24	1,928	2,855,608	168.17	480,234,482	6,257.00	0.00	0.00	0.00	462.16
25-29	2,176	2,786,488	36.55	101,847,276	1,133.00	0.00	0.00	0.00	93.04
30-34	2,096	2,632,625	3.72	9,803,457	60.35	0.00	0.00	1.08	6.36
35-39	1,915	2,079,356	5.73	11,915,842	94.97	0.00	0.00	1.26	10.20
40-44	1,797	1,856,980	12.77	23,715,041	224.40	0.00	0.00	3.25	22.29
45-49	1,869	1,678,339	8.57	14,381,938	173.60	0.00	0.00	0.00	18.97

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,435**	**30.63**	**899,637,316**	**2,028.00**	**0.00**	**0.00**	**1.25**	**60.01**
50-54	1,897	1,511,790	17.07	25,803,310	274.20	0.00	0.00	0.00	38.32
55-59	1,682	1,265,329	15.91	20,130,767	285.40	0.00	0.00	0.00	33.78
60-64	1,345	939,677	11.86	11,141,995	175.20	0.00	0.00	0.00	26.02
65-69	1,015	696,123	26.43	18,397,069	1,654.00	0.00	0.00	0.00	72.30
70-74	685	404,506	173.31	70,103,907	2,337.00	0.00	0.00	0.00	376.08
75+	749	571,345	54.03	30,870,944	920.50	0.00	0.00	0.00	127.66
Ethnicity[3]									
Malay	18,879	15,420,456	38.77	597,792,192	2,749.00	0.00	0.00	0.00	94.10
Chinese	4,246	6,272,116	10.84	67,997,393	576.40	0.00	0.00	0.00	23.86
Indian	1,985	1,924,991	40.47	77,912,379	658.10	0.00	0.00	12.34	68.61
Bumiputera Sabah	1,414	1,536,737	49.18	75,570,303	665.20	0.00	0.00	8.99	89.36
Bumiputera Sarawak	776	1,303,400	17.35	22,607,579	283.50	0.00	0.00	0.00	42.17
Orang Asli	115	79,832	0.24	19,554	2.53	0.00	0.00	0.00	0.55
Others	2,025	2,816,011	20.49	57,713,775	478.50	0.00	0.00	2.75	38.24
Citizenship									
Malaysian	27,877	27,024,891	31.42	849,006,134	2,099.00	0.00	0.00	0.00	63.23
Non Malaysian	1,570	2,328,664	21.74	50,631,183	871.00	0.00	0.00	0.00	53.44
Marital Status[3]									
Never married	6,687	8,289,475	15.67	129,931,133	696.20	0.00	0.00	0.00	34.86
Married	13,860	13,224,116	50.25	664,573,200	2,964.00	0.00	0.00	0.00	114.13
Widow/Widower/Divorcee	1,941	1,404,957	32.79	46,064,695	572.00	0.00	0.00	1.15	64.42
Education[3]									
No formal education	1,995	1,764,062	34.07	60,103,169	687.60	0.00	0.00	2.35	65.79
Primary	8,611	7,764,930	10.85	84,228,365	521.20	0.00	0.00	4.34	17.35
Secondary	10,354	10,698,153	47.00	502,777,586	3,228.00	0.00	0.00	0.00	125.30
Tertiary	4,403	5,284,934	39.82	210,436,631	1,092.00	0.00	0.00	4.87	74.77
Unclassified	1,043	1,049,939	3.56	3,742,371	47.15	0.00	0.00	1.00	6.13
Occupation[3]									
Government /Semi-government employee	2,195	1,925,466	65.93	126,948,848	1,404.00	0.00	0.00	0.00	149.62
Private employee	6,206	8,137,548	60.39	491,464,620	3,704.00	0.00	0.00	0.00	163.33
Self employed	3,892	3,459,064	4.16	14,382,700	70.62	0.00	0.00	1.19	7.13
Unpaid worker/homemaker	3,352	2,913,131	15.13	44,086,630	243.90	0.00	0.00	4.39	25.88
Retiree	786	609,294	69.18	42,153,510	1,698.00	0.00	0.00	0.00	188.93
Unemployed	3,401	2,921,854	33.42	97,648,789	1,017.00	0.00	0.00	6.75	60.09
Student[4]	2,668	2,972,927	8.03	23,883,931	314.00	0.00	0.00	0.00	18.58

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,435**	**30.63**	**899,637,316**	**2,028.00**	**0.00**	**0.00**	**1.25**	**60.01**
Household Income Group (RM)									
Less than RM1000	4,638	4,022,872	28.58	114,980,291	795.50	0.00	0.00	5.19	51.97
RM1000 - RM1999	5,450	4,893,775	9.41	46,035,964	203.00	0.00	0.00	2.26	16.55
RM2000 - RM2999	5,053	4,772,191	102.81	490,652,364	4,830.00	0.00	0.00	0.00	278.62
RM3000 - RM3999	3,743	3,820,067	14.35	54,827,928	760.20	0.00	0.00	2.48	26.23
RM4000 - RM4999	2,663	2,886,709	16.66	48,079,026	538.50	0.00	0.00	0.00	34.38
RM5000 - RM5999	2,041	2,270,353	6.18	14,026,012	91.63	0.00	0.00	0.40	11.96
RM6000 - RM6999	1,367	1,465,749	14.51	21,268,393	391.50	0.00	0.00	0.00	40.11
RM7000 - RM7999	1,143	1,206,329	10.77	12,987,665	250.30	0.00	0.00	0.00	23.99
RM8000 -RM8999	913	1,008,764	78.95	79,644,718	1,822.00	0.00	0.00	0.00	231.38
RM9000 -RM10000	459	498,253	4.39	2,189,505	93.55	0.00	0.00	0.00	10.17
RM10000 and above	1,990	2,529,375	5.91	14,945,452	132.40	0.00	0.00	0.00	11.94
Household Income Quintiles									
Q1 (poorest)	3,958	3,442,008	32.42	111,587,564	859.80	0.00	0.00	5.13	59.71
Q2	5,580	5,055,474	9.40	47,545,838	199.70	0.00	0.00	2.44	16.37
Q3	6,471	6,117,003	81.19	496,646,211	4,266.00	0.00	0.00	0.00	218.32
Q4	6,072	6,443,353	15.68	101,015,029	687.30	0.00	0.00	5.19	26.17
Q5 (richest)	7,379	8,316,595	17.18	142,842,674	668.30	0.00	0.00	0.00	36.41
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (poorest)	6,111	5,875,548	76.63	450,216,100	4,349.00	0.00	0.00	0.00	219.16
Q2	6,636	5,894,598	14.50	85,460,996	354.10	0.00	0.00	6.37	22.62
Q3	6,049	5,858,449	9.21	53,941,395	196.60	0.00	0.00	2.13	16.28
Q4	5,806	5,888,172	10.60	62,386,895	601.50	0.00	0.00	3.84	17.35
Q5 (richest)	4,858	5,857,672	42.27	247,631,931	1,063.00	0.00	0.00	9.64	74.91

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence interval; SD=standard deviation, IQR=inter quartile range

Table 5.23: Health Expenditure to Government Health Facilities for Out-patient Care by Sociodemographic (Among those who have Out-patient Care in last 2 weeks)

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**2,811**	**2,651,521**	**339.29**	**899,637,316**	**6,744.00**	**0.00**	**26.07**	**14.35**	**664.23**
State									
Johor	174	208,029	47.17	9,813,703	241.10	0.00	26.07	13.39	80.96
Kedah	177	170,690	2,523.04	430,657,131	25,464.00	0.00	26.07	0.00	7,368.61
Kelantan	207	170,453	51.27	8,738,783	189.80	0.00	26.07	24.99	77.54
Melaka	172	72,032	138.43	9,971,252	514.50	26.07	26.07	14.56	262.30
Negeri Sembilan	168	79,283	67.07	5,317,398	545.20	0.00	0.00	0.00	142.02
Pahang	178	136,783	41.93	5,734,906	200.20	0.00	26.07	13.95	69.91
Pulau Pinang	179	138,582	313.21	43,405,644	4,024.00	0.00	26.07	0.00	675.44
Perak	150	168,051	73.54	12,358,379	638.70	0.00	26.07	0.00	159.04
Perlis	181	22,750	77.67	1,767,043	351.60	0.00	26.07	19.70	135.64
Selangor	414	565,971	257.65	145,820,991	2,619.00	0.00	0.00	0.00	541.39
Terengganu	171	101,603	91.75	9,321,996	438.40	0.00	26.07	25.45	158.05
Sabah & Labuan	319	388,953	313.71	122,016,710	1,768.00	26.07	26.07	110.89	516.52
Sarawak	195	303,711	94.67	28,751,780	597.20	0.00	26.07	0.00	193.97
WP Kuala Lumpur	62	118,361	548.43	64,913,085	4,163.00	0.00	26.07	0.00	1,243.40
WP Putrajaya	64	6,269	167.25	1,048,515	597.60	0.00	0.00	15.97	318.54
Location									
Urban	1,524	1,920,836	187.24	359,653,821	1,897.00	0.00	26.07	86.85	287.62
Rural	1,287	730,685	739.01	539,983,495	12,468.00	0.00	26.07	0.00	1,884.63
Sex									
Male	1,237	1,266,502	535.94	678,775,322	9,625.00	0.00	26.07	0.00	1,210.07
Female	1,574	1,385,019	159.47	220,861,994	1,528.00	0.00	26.07	79.00	239.93
Age Group (years)									
0 – 4	477	451,704	89.61	40,477,222	534.70	0.00	26.07	22.50	156.72
5 – 9	277	262,299	59.97	15,729,310	313.60	26.07	26.07	22.12	97.81
10 – 14	169	164,456	32.50	5,344,147	118.20	26.07	26.07	13.75	51.24
15 – 19	127	151,395	130.39	19,740,608	1,380.00	26.07	26.07	0.00	334.53
20 – 24	118	173,860	2,762.19	480,234,482	25,317.00	0.00	26.07	0.00	7,580.99
25 – 29	169	210,460	483.93	101,847,276	4,106.00	0.00	26.07	0.00	1,229.30
30 – 34	152	181,548	54.00	9,803,457	224.50	0.00	26.07	17.11	90.89
35 – 39	150	156,003	76.38	11,915,842	339.90	0.00	26.07	17.98	134.78
40 – 44	135	129,747	182.78	23,715,041	833.20	0.00	26.07	50.76	314.80
45 – 49	147	134,580	106.87	14,381,938	606.40	0.00	26.07	0.00	235.13

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**2,811**	**2,651,521**	**339.29**	**899,637,316**	**6,744.00**	**0.00**	**26.07**	**14.35**	**664.23**
50 – 54	197	152,974	168.68	25,803,310	849.10	0.00	26.07	0.00	375.56
55 – 59	189	133,717	150.55	20,130,767	868.20	0.00	26.07	0.00	317.93
60 – 64	157	114,041	97.70	11,141,995	496.00	0.00	0.00	0.00	212.23
65 – 69	129	74,951	245.45	18,397,069	5,052.00	0.00	0.00	0.00	674.42
70 – 74	109	76,048	921.84	70,103,907	5,345.00	0.00	26.07	0.00	2,003.51
75+	109	83,738	368.66	30,870,944	2,389.00	0.00	0.00	0.00	868.20
Ethnicity[3]									
Malay	1,816	1,458,398	409.90	597,792,192	8,931.00	0.00	26.07	0.00	993.92
Chinese	291	402,853	168.79	67,997,393	2,272.00	0.00	0.00	0.00	373.23
Indian	225	209,582	371.75	77,912,379	1,967.00	0.00	26.07	114.55	628.96
Bumiputera Sabah	222	222,220	340.07	75,570,303	1,724.00	26.07	26.07	64.09	616.05
Bumiputera Sarawak	106	193,516	116.83	22,607,579	730.90	26.07	26.07	0.00	263.01
Orang Asli	6	4,782	4.09	19,554	10.39	0.00	0.00	2.43	5.75
Others	143	159,244	362.42	57,713,775	1,988.00	0.00	26.07	47.09	677.75
Citizenship									
Malaysian	2,726	2,549,916	332.95	849,006,134	6,828.00	0.00	26.07	0.00	669.57
Non-Malaysia	85	101,605	498.31	50,631,183	4,164.00	0.00	26.07	0.00	1,225.35
Marital status[4]									
Never Married	402	477,719	271.98	129,931,133	2,892.00	0.00	26.07	0.00	605.21
Married	1,290	1,170,872	567.59	664,573,200	9,951.00	0.00	26.07	0.00	1,288.44
Widow/Widower/Divorcee	260	177,820	259.05	46,064,695	1,592.00	0.00	0.00	13.04	505.06
Education level[5]									
No formal education	288	243,801	246.53	60,103,169	1,838.00	0.00	26.07	17.80	475.25
Primary	799	676,596	124.49	84,228,365	1,763.00	0.00	26.07	52.99	195.99
Secondary	793	774,938	648.80	502,777,586	11,985.00	0.00	26.07	0.00	1,729.77
Tertiary	368	419,947	501.10	210,436,631	3,848.00	0.00	0.00	59.56	942.65
Unclassified	76	68,371	54.74	3,742,371	178.10	0.00	26.07	16.44	93.03
Occupation[3]									
Government /Semi- government employee	209	179,218	708.35	126,948,848	4,562.00	0.00	26.07	0.00	1,601.20
Private employee	497	603,710	814.07	491,464,620	13,588.00	0.00	26.07	0.00	2,201.21
Self-employed	285	241,446	59.57	14,382,700	261.50	0.00	26.07	19.03	100.10
Unpaid worker/homemaker	339	280,142	157.37	44,086,630	773.20	0.00	26.07	45.65	269.09
Retiree	79	60,289	699.19	42,153,510	5,387.00	0.00	26.07	0.00	1,908.35
Unemployed	392	307,912	317.13	97,648,789	3,123.00	0.00	26.07	66.04	568.23
Student[4]	151	153,694	155.40	23,883,931	1,377.00	26.07	26.07	0.00	359.85

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**2,811**	**2,651,521**	**339.29**	**899,637,316**	**6,744.00**	**0.00**	**26.07**	**14.35**	**664.23**
Household Income Group (RM)									
Less than RM1,000	486	407,407	282.22	114,980,291	2,488.00	26.07	26.07	49.57	514.88
RM1,000 – RM1,999	534	444,462	103.58	46,035,964	666.90	26.07	26.07	25.30	181.85
RM2,000 – RM2,999	520	449,054	1,092.64	490,652,364	15,725.00	0.00	26.07	0.00	2,949.83
RM3,000 – RM3,999	329	336,033	163.16	54,827,928	2,562.00	0.00	26.07	28.31	298.01
RM4,000 – RM4,999	227	240,268	200.11	48,079,026	1,860.00	0.00	26.07	0.00	412.54
RM5,000 – RM5,999	197	217,912	64.37	14,026,012	290.00	0.00	26.07	5.04	123.69
RM6,000 – RM6,999	120	140,598	151.27	21,268,393	1,261.00	0.00	0.00	0.00	419.02
RM7,000 – RM7,999	97	94,056	138.08	12,987,665	890.80	0.00	26.07	0.00	304.22
RM8,000 – RM8,999	92	91,643	869.08	79,644,718	6,016.00	0.00	26.07	0.00	2,538.47
RM9,000 – RM9,999	37	32,533	67.30	2,189,505	364.80	0.00	0.00	0.00	153.58
RM10,000 and above	172	197,555	75.65	14,945,452	469.20	0.00	0.00	0.00	153.27
Household Income Quintiles									
Q1 (Poorest 20%)	409	346,852	321.72	111,587,564	2,694.00	0.00	26.07	48.06	595.37
Q2	554	468,347	101.52	47,545,838	649.30	26.07	26.07	26.71	176.33
Q3	651	562,457	882.99	496,646,211	14,054.00	0.00	26.07	0.00	2,367.61
Q4	529	562,110	179.71	101,015,029	2,323.00	0.00	26.07	58.07	301.35
Q5 (Richest 20%)	668	711,755	200.69	142,842,674	2,278.00	0.00	0.00	0.00	425.65
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	594	553,485	813.42	450,216,100	14,160.00	0.00	26.07	0.00	2,324.17
Q2	685	565,119	151.23	85,460,996	1,135.00	0.00	26.07	67.11	235.34
Q3	585	561,945	95.99	53,941,395	628.70	0.00	26.07	26.84	165.14
Q4	541	512,261	121.79	62,386,895	2,038.00	0.00	26.07	45.04	198.54
Q5 (Richest 20%)	406	458,711	539.84	247,631,931	3,766.00	0.00	0.00	119.11	960.57

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD=Standard deviation, IQR=inter quartile range

Table 5.24: Percapita Health Expenditure to Private Health Facilities for Out-patient Care by Sociodemographic

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,435**	**271.61**	**7,978,354,947**	**38,310.00**	**0.00**	**0.00**	**0.00**	**640.33**
State									
Johor	2,570	3,394,793	47.52	161,328,619	358.10	0.00	0.00	31.34	63.70
Kedah	1,880	1,965,392	41.34	81,254,684	390.60	0.00	0.00	13.46	69.22
Kelantan	1,887	1,638,409	29.21	47,852,596	397.10	0.00	0.00	11.35	47.07
Melaka	1,730	831,355	6,620.80	5,504,235,618	227,228.00	0.00	0.00	0.00	19,765.26
Negeri Sembilan	1,834	1,001,346	43.39	43,447,462	348.80	0.00	0.00	20.83	65.95
Pahang	1,821	1,544,095	83.31	128,633,023	1,823.00	0.00	0.00	16.38	150.23
Pulau Pinang	1,878	1,639,851	106.65	174,892,411	1,932.00	0.00	0.00	12.17	201.13
Perak	1,976	2,350,221	28.24	66,380,595	242.20	0.00	0.00	16.59	39.90
Perlis	1,814	235,217	36.32	8,543,711	240.90	0.00	0.00	24.32	48.33
Selangor	4,117	5,828,225	202.69	1,181,317,138	5,082.00	0.00	0.00	49.18	356.20
Terengganu	1,865	1,111,020	36.07	40,079,972	510.50	0.00	0.00	13.34	58.81
Sabah & Labuan	2,610	3,478,079	30.67	106,656,572	284.90	0.00	0.00	18.22	43.11
Sarawak	1,769	2,575,788	133.44	343,723,494	2,175.00	0.00	0.00	35.36	231.53
WP Kuala Lumpur	906	1,694,692	49.55	83,978,756	353.60	0.00	0.00	19.73	79.38
WP Putrajaya	803	85,951	70.16	6,030,295	865.20	0.00	0.00	12.80	127.52
Location									
Urban	16,880	22,078,002	340.13	7,509,335,704	44,182.00	0.00	0.00	0.00	830.65
Rural	12,580	7,296,432	64.28	469,019,242	1,485.00	0.00	0.00	29.98	98.58
Sex									
Male	14,225	15,152,520	458.23	6,943,270,865	53,329.00	0.00	0.00	0.00	1,171.20
Female	15,235	14,221,915	72.78	1,035,084,082	1,160.00	0.00	0.00	52.66	92.90
Age Group (years)									
0 – 4	2,689	2,493,193	145.77	363,437,041	1,929.00	0.00	0.00	57.54	234.01
5 – 9	2,688	2,404,971	53.24	128,047,824	451.30	0.00	0.00	31.91	74.58
10 – 14	2,638	2,560,349	17.28	44,235,862	184.80	0.00	0.00	6.77	27.79
15 – 19	2,291	2,637,756	55.04	145,186,730	1,539.00	0.00	0.00	7.20	102.88
20 – 24	1,928	2,855,609	37.07	105,861,628	301.10	0.00	0.00	22.98	51.16
25 – 29	2,176	2,786,488	45.18	125,881,435	354.90	0.00	0.00	25.85	64.50
30 – 34	2,096	2,632,625	38.75	102,024,410	325.40	0.00	0.00	22.37	55.14
35 – 39	1,915	2,079,356	78.94	164,152,781	948.40	0.00	0.00	36.99	120.90
40 – 44	1,797	1,856,980	43.15	80,130,509	333.40	0.00	0.00	22.11	64.19
45 – 49	1,869	1,678,339	3,404.19	5,713,389,939	159,963.00	0.00	0.00	0.00	9,824.96

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,435**	**271.61**	**7,978,354,947**	**38,310.00**	**0.00**	**0.00**	**0.00**	**640.33**
50 – 54	1,897	1,511,790	54.81	82,862,431	565.00	0.00	0.00	18.70	90.92
55 – 59	1,682	1,265,329	456.90	578,127,064	10,618.00	0.00	0.00	0.00	1,142.64
60 – 64	1,345	939,677	61.49	57,782,159	557.50	0.00	0.00	24.11	98.87
65 – 69	1,015	696,123	59.58	41,476,123	959.10	0.00	0.00	0.00	128.41
70 – 74	685	404,506	142.96	57,828,853	1,022.00	0.00	0.00	57.60	228.32
75+	749	571,345	328.93	187,930,159	3,490.00	0.00	0.00	27.37	630.48
Ethnicity[3]									
Malay	18,879	15,420,454	407.54	6,284,494,839	52,772.00	0.00	0.00	0.00	1,107.74
Chinese	4,246	6,272,114	180.32	1,130,974,423	4,912.00	0.00	0.00	37.59	323.04
Indian	1,985	1,924,991	62.55	120,403,280	457.60	0.00	0.00	38.24	86.86
Bumiputera Sabah	1,414	1,536,737	38.52	59,201,906	285.10	0.00	0.00	20.79	56.26
Bumiputera Sarawak	776	1,303,400	181.68	236,797,603	2,852.00	0.00	0.00	0.91	362.45
Orang Asli	115	79,830	16.61	1,325,941	117.60	0.00	0.00	0.00	36.66
Others	2,025	2,816,011	51.55	145,156,955	1,393.00	0.00	0.00	10.72	92.37
Citizenship									
Malaysian	27,877	27,024,889	286.84	7,751,705,716	39,936.00	0.00	0.00	0.00	687.55
Non-Malaysia	1,570	2,328,664	97.33	226,649,230	2,161.00	0.00	0.00	14.96	179.70
Marital status[3]									
Never Married	6,687	8,289,474	39.78	329,724,421	891.20	0.00	0.00	23.64	55.92
Married	13,860	13,224,117	528.35	6,986,904,108	57,085.00	0.00	0.00	0.00	1,346.81
Widow/Widower/Divorcee	1,941	1,404,957	102.23	143,628,594	1,170.00	0.00	0.00	40.88	163.58
Education level[3]									
No formal education	1,995	1,764,062	120.65	212,835,462	1,689.00	0.00	0.00	59.85	181.45
Primary	8,611	7,764,933	45.82	355,787,192	962.80	0.00	0.00	27.34	64.30
Secondary	10,354	10,698,154	91.89	983,093,240	3,720.00	0.00	0.00	8.81	174.98
Tertiary	4,403	5,284,936	1,141.15	6,030,883,183	90,145.00	0.00	0.00	0.00	3,179.76
Unclassified	1,043	1,049,939	43.22	45,383,108	434.50	0.00	0.00	8.20	78.25
Occupation[3]									
Government /Semi- government employee	2,195	1,925,466	2,900.78	5,585,349,503	149,336.00	0.00	0.00	0.00	8,500.00
Private employee	6,206	8,137,547	135.79	1,104,959,230	4,303.00	0.00	0.00	25.00	246.57
Self-employed	3,892	3,459,064	77.73	268,888,776	1,454.00	0.00	0.00	37.63	117.84
Unpaid worker/homemaker	3,352	2,913,131	44.47	129,551,614	393.50	0.00	0.00	25.96	62.99
Retiree	786	609,294	93.90	57,212,290	1,153.00	0.00	0.00	0.00	208.37
Unemployed	3,401	2,921,854	91.13	266,257,695	1,523.00	0.00	0.00	45.28	136.97
Student [4]	2,668	2,972,927	16.16	48,038,015	168.40	0.00	0.00	8.18	24.14

Sociodemographic characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95%CI	
								Lower	Upper
MALAYSIA	**29,460**	**29,374,435**	**271.61**	**7,978,354,947**	**38,310.00**	**0.00**	**0.00**	**0.00**	**640.33**
Household Income Group (RM)									
Less than RM1,000	4,638	4,022,873	39.46	158,756,098	469.50	0.00	0.00	19.95	58.97
RM1,000 – RM1,999	5,450	4,893,775	70.42	344,620,248	1,929.00	0.00	0.00	19.31	121.53
RM2,000 – RM2,999	5,053	4,772,189	43.44	207,304,358	469.10	0.00	0.00	30.17	56.71
RM3,000 – RM3,999	3,743	3,820,067	66.60	254,414,082	942.50	0.00	0.00	31.55	101.65
RM4,000 – RM4,999	2,663	2,886,709	48.06	138,744,687	365.20	0.00	0.00	29.27	66.85
RM5,000 – RM5,999	2,041	2,270,353	46.47	105,508,126	329.30	0.00	0.00	30.54	62.40
RM6,000 – RM6,999	1,367	1,465,749	98.01	143,657,925	630.80	0.00	0.00	45.21	150.81
RM7,000 – RM7,999	1,143	1,206,329	93.77	113,118,977	1,164.00	0.00	0.00	25.24	162.30
RM8,000 – RM8,999	913	1,008,764	99.74	100,612,615	635.30	0.00	0.00	53.87	145.60
RM9,000 – RM9,999	459	498,253	49.13	24,476,692	290.30	0.00	0.00	17.29	80.96
RM10,000 and above	1,990	2,529,375	2,525.19	6,387,141,139	130,524.00	0.00	0.00	0.00	6,810.11
Household Income Quintiles									
Q1 (Poorest 20%)	3,958	3,442,008	43.60	150,087,504	503.00	0.00	0.00	20.91	66.30
Q2	5,580	5,055,474	68.14	344,470,963	1,898.00	0.00	0.00	18.64	117.63
Q3	6,471	6,117,003	48.32	295,583,738	620.90	0.00	0.00	32.79	63.86
Q4	6,072	6,443,354	55.14	355,270,324	630.70	0.00	0.00	34.51	75.77
Q5 (Richest 20%)	7,379	8,316,597	821.60	6,832,942,416	71,980.00	0.00	0.00	0.00	2,122.09
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	6,111	5,875,548	39.09	229,648,562	881.30	0.00	0.00	21.88	56.29
Q2	6,636	5,894,598	44.29	261,086,816	1,261.00	0.00	0.00	7.95	80.63
Q3	6,049	5,858,449	73.16	428,593,910	854.70	0.00	0.00	48.14	98.18
Q4	5,806	5,888,169	142.55	839,356,676	4,892.00	0.00	0.00	0.00	290.65
Q5 (Richest 20%)	4,858	5,857,671	1,061.80	6,219,668,983	85,635.00	0.00	0.00	0.00	2,901.59

Notes:

1. [3]Caution:some cells have counts less than 30. Results should be interpreted with caution
2. [3]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD=standard deviation, IQR=inter quartile range

Table 5.25: Health Expenditure to Private Health Facilities for Out-patient Care by Sociodemographic (Among those who have Out-patient Care)

Sociodemographic Characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,811**	**7,978,354,947**	**3008.97**	**7,978,354,947**	**127,501.00**	**0.00**	**782.10**	0.00	7097.57
State									
Johor	174	161,328,619	775.51	161,328,619	1,239.00	0.00	1173.00	556.71	994.31
Kedah	177	81,254,684	476.04	81,254,684	1,248.00	0.00	260.70	169.43	782.64
Kelantan	207	47,852,596	280.74	47,852,596	1,205.00	0.00	0.00	113.18	448.30
Melaka	172	5,504,235,618	76413.76	5,504,235,618	770,514.00	0.00	0.00	0.00	230234.90
Negeri Sembilan	168	43,447,462	548.00	43,447,462	1,125.00	0.00	912.50	304.71	791.30
Pahang	178	128,633,023	940.42	128,633,023	6,076.00	0.00	0.00	172.13	1708.70
Pulau Pinang	179	174,892,411	1262.01	174,892,411	6,550.00	0.00	912.50	66.04	2457.99
Perak	150	66,380,595	395.00	66,380,595	824.50	0.00	782.10	246.07	543.94
Perlis	181	8,543,711	375.55	8,543,711	689.10	0.00	651.80	277.15	473.94
Selangor	414	1,181,317,138	2087.24	1,181,317,138	16,206.00	0.00	1304.00	526.51	3647.97
Terengganu	171	40,079,972	394.48	40,079,972	1,650.00	0.00	0.00	169.69	619.26
Sabah & Labuan	319	106,656,572	274.21	106,656,572	812.90	0.00	0.00	156.86	391.57
Sarawak	195	343,723,494	1131.75	343,723,494	6,258.00	0.00	651.80	340.06	1923.43
WP Kuala Lumpur	62	83,978,756	709.51	83,978,756	1,158.00	0.00	1434.00	359.11	1059.92
WP Putrajaya	64	6,030,295	961.92	6,030,295	3,089.00	0.00	1304.00	248.23	1675.62
Location									
Urban	1,524	7,509,335,704	3909.41	7,509,335,704	149,787.00	0.00	1043.00	0.00	9555.33
Rural	1,287	469,019,242	641.89	469,019,242	4,656.00	0.00	0.00	306.14	977.64
Sex									
Male	1,237	6,943,270,865	5482.24	6,943,270,865	184,454.00	0.00	912.50	0.00	14023.98
Female	1,574	1,035,084,082	747.34	1,035,084,082	3,650.00	0.00	782.10	543.88	950.80
Age Group (years)									
0 – 4	477	363,437,041	804.59	363,437,041	4,477.00	0.00	1043.00	329.96	1279.22
5 – 9	277	128,047,824	488.18	128,047,824	1,289.00	0.00	782.10	295.02	681.33
10 – 14	169	44,235,862	268.98	44,235,862	683.20	0.00	0.00	109.34	428.63
15 – 19	127	145,186,730	958.99	145,186,730	6,378.00	0.00	312.90	124.68	1793.31
20 – 24	118	105,861,628	608.89	105,861,628	1,072.00	0.00	912.50	405.87	811.91
25 – 29	169	125,881,435	598.13	125,881,435	1,159.00	0.00	912.50	372.35	823.90
30 – 34	152	102,024,410	561.97	102,024,410	1,117.00	0.00	1043.00	363.12	760.82
35 – 39	150	164,152,781	1052.24	164,152,781	3,322.00	0.00	1173.00	522.65	1581.84
40 – 44	135	80,130,509	617.59	80,130,509	1,116.00	0.00	912.50	356.16	879.03
45 – 49	147	5,713,389,939	42453.48	5,713,389,939	565,203.00	0.00	1173.00	0.00	122461.20

Sociodemographic Characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,811**	**7,978,354,947**	**3008.97**	**7,978,354,947**	**127,501.00**	**0.00**	**782.10**	0.00	7097.57
50 – 54	197	82,862,431	541.68	82,862,431	1,704.00	0.00	0.00	200.28	883.07
55 – 59	189	578,127,064	4323.51	578,127,064	32,482.00	0.00	912.50	0.00	10807.38
60 – 64	157	57,782,159	506.68	57,782,159	1,532.00	0.00	0.00	209.70	803.66
65 – 69	129	41,476,123	553.38	41,476,123	2,886.00	0.00	0.00	0.00	1185.00
70 – 74	109	57,828,853	760.43	57,828,853	2,265.00	0.00	782.10	316.91	1203.95
75+	109	187,930,159	2244.26	187,930,159	8,913.00	0.00	0.00	224.86	4263.67
Ethnicity[3]									
Malay	1,816	6,284,494,839	4309.18	6,284,494,839	171,594.00	0.00	521.40	0.00	11716.24
Chinese	291	1,130,974,423	2807.41	1,130,974,423	19,219.00	651.80	1564.00	656.52	4958.30
Indian	225	120,403,280	574.49	120,403,280	1,279.00	0.00	912.50	374.04	774.95
Bumiputera Sabah	222	59,201,906	266.41	59,201,906	709.40	0.00	0.00	157.81	375.02
Bumiputera Sarawak	106	236,797,603	1223.66	236,797,603	7,346.00	0.00	0.00	29.11	2418.21
Orang Asli	6	1,325,941	277.28	1,325,941	433.30	0.00	677.90	0.00	567.24
Others	143	145,156,955	911.54	145,156,955	5,808.00	0.00	521.40	186.49	1636.59
Citizenship									
Malaysian	2,726	7,751,705,716	3039.99	7,751,705,716	130,001.00	0.00	782.10	0.00	7290.69
Non-Malaysia	85	226,649,230	2230.69	226,649,230	10,169.00	0.00	1304.00	367.55	4093.83
Marital status[3]									
Never Married	402	329,724,421	690.21	329,724,421	3,656.00	0.00	912.50	418.51	961.90
Married	1,290	6,986,904,108	5967.27	6,986,904,108	191,830.00	0.00	782.10	0.00	15213.72
Widow/Widower/Divorcee	260	143,628,594	807.72	143,628,594	3,206.00	0.00	0.00	336.69	1278.75
Education level[4]									
No formal education	288	212,835,462	872.99	212,835,462	4,477.00	0.00	938.60	452.36	1293.62
Primary	799	355,787,192	525.85	355,787,192	3,224.00	0.00	0.00	313.22	738.47
Secondary	793	983,093,240	1268.61	983,093,240	13,776.00	0.00	651.80	119.38	2417.84
Tertiary	368	6,030,883,183	14361.06	6,030,883,183	319,891.00	0.00	1304.00	0.00	40029.34
Unclassified	76	45,383,108	663.78	45,383,108	1,587.00	0.00	1173.00	199.51	1128.04
Occupation[3]									
Government /Semi- government employee	209	5,585,349,503	31165.11	5,585,349,503	489,648.00	0.00	912.50	0.00	91144.25
Private employee	497	1,104,959,230	1830.28	1,104,959,230	15,714.00	0.00	1173.00	342.29	3318.27
Self-employed	285	268,888,776	1113.66	268,888,776	5,406.00	0.00	964.60	544.71	1682.61
Unpaid worker/homemaker	339	129,551,614	462.45	129,551,614	1,192.00	0.00	0.00	281.09	643.81
Retiree	79	57,212,290	948.97	57,212,290	3,572.00	0.00	0.00	0.00	2062.01
Unemployed	392	266,257,695	864.72	266,257,695	4,624.00	0.00	0.00	435.58	1293.86
Student[5]	151	48,038,015	312.56	48,038,015	677.40	0.00	0.00	165.14	459.97

Sociodemographic Characteristics	Count[1]	Estimated Population[2]	Mean	Sum	SD	Median	IQR	95% CI	
								Lower	Upper
MALAYSIA	**2,811**	**7,978,354,947**	**3008.97**	**7,978,354,947**	**127,501.00**	**0.00**	**782.10**	0.00	7097.57
Household Income Group (RM)									
Less than RM1,000	486	158,756,098	389.67	158,756,098	1,429.00	0.00	0.00	202.75	576.60
RM1,000 – RM1,999	534	344,620,248	775.36	344,620,248	6,364.00	0.00	0.00	211.14	1339.59
RM2,000 – RM2,999	520	207,304,358	461.65	207,304,358	1,466.00	0.00	208.60	335.79	587.51
RM3,000 – RM3,999	329	254,414,082	757.11	254,414,082	3,099.00	0.00	782.10	371.76	1142.46
RM4,000 – RM4,999	227	138,744,687	577.46	138,744,687	1,141.00	0.00	990.70	369.77	785.15
RM5,000 – RM5,999	197	105,508,126	484.18	105,508,126	960.20	0.00	990.70	339.51	628.85
RM6,000 – RM6,999	120	143,657,925	1021.76	143,657,925	1,797.00	312.90	1304.00	607.97	1435.55
RM7,000 – RM7,999	97	113,118,977	1202.68	113,118,977	4,024.00	0.00	1043.00	364.87	2040.49
RM8,000 – RM8,999	92	100,612,615	1097.88	100,612,615	1,838.00	0.00	1304.00	686.62	1509.13
RM9,000 – RM9,999	37	24,476,692	752.37	24,476,692	883.20	0.00	1564.00	457.95	1046.79
RM10,000 and above	172	6,387,141,139	32330.95	6,387,141,139	467,248.00	912.50	2086.00	0.00	87139.11
Household Income Quintiles									
Q1 (Poorest 20%)	409	150,087,504	432.71	150,087,504	1,532.00	0.00	0.00	216.08	649.35
Q2	554	344,470,963	735.50	344,470,963	6,201.00	0.00	0.00	198.7708	1272.237
Q3	651	295,583,738	525.52	295,583,738	1,987.00	0.00	260.70	365.8152	685.2296
Q4	529	355,270,324	632.03	355,270,324	2,050.00	0.00	912.50	410.512	853.5478
Q5 (Richest 20%)	668	6,832,942,416	9600.13	6,832,942,416	246,044.00	0.00	1304.00	0.00	24809.14
Socioeconomic Quintiles (based on HCD 2011)									
Q1 (Poorest 20%)	594	229,648,562	414.91	229,648,562	2,846.00	0.00	0.00	237.9326	591.895
Q2	685	261,086,816	462.00	261,086,816	4,053.00	0.00	0.00	83.45444	840.5521
Q3	585	428,593,910	762.70	428,593,910	2,665.00	0.00	964.60	510.8432	1014.551
Q4	541	839,356,676	1638.53	839,356,676	16,526.00	0.00	990.70	0.00	3340.547
Q5 (Richest 20%)	406	6,219,668,983	13559.01	6,219,668,983	306,084.00	0.00	1330.00	0.00	37084.01

Notes:

1. [1]Caution some cells have counts less than 30. Results should be interpreted with caution
2. [2]Due to rounding, some totals may not corresponds with the sum of separate figures
3. [3]Not including "missing", "Don't know", "Refuse to Answer" & "Not Applicable"
4. [4]"Student" include those who aged >13 years old and not working
5. 95% CI = 95% Confidence Interval; SD=standard deviation; IQR=Inter quartile range

Table 5.26: Percapita Expenditure for Transportation, Accommodation & Others (In-patient care)

Type of Expenditure (RM)	Count[1]	Estimated Population[2]	Sum	Mean	Median	Q1	Q3	Min	Max	95% CI	
										Lower	Upper
Transportation	29,460	29,374,436	40,831,394	1.39	0	0	0	0	500	1.24	1.54
Accommodation	29,460	29,374,436	44,659,920	1.52	0	0	0	0	8,000	0.41	2.63
Others	29,460	29,374,436	57,328,426	1.95	0	0	0	0	2,000	1.50	2.40

Note: Q=quartile; Results shown in Ringgit Malaysia (RM)

Table 5.27: Total Expenditure for Transportation, Accommodation & Others (Among those who have In-patient care)

Type of Expenditure (RM)	Count[1]	Estimated Population[2]	Sum	Mean	Median	Q1	Q3	Min	Max	95% CI	
										Lower	Upper
Transportation	2,274	2,239,240	40,831,394	18.23	10.00	5.00	20.00	0.00	500.00	16.58	19.89
Accommodation	2,274	2,239,240	44,659,920	19.94	0.00	0.00	0.00	0.00	8,000.00	5.50	34.39
Others	2,274	2,239,240	57,328,426	25.60	0.00	0.00	15.00	0.00	2,000.00	19.96	31.24

Note: Q=quartile; Results shown in Ringgit Malaysia (RM)

Table 5.28: Percapita Expenditure for Transportation, Accommodation & Others (Out-patient care)

Type of Expenditure (RM)	Count[1]	Estimated Population[2]	Sum	Mean	Median	Q1	Q3	Min	Max	95% CI	
										Lower	Upper
Transportation	29,460	29,374,432	532,824,002	18.14	0.00	0.00	0.00	0.00	13036.00	15.9	20.4
Accommodation	29,460	29,374,437	17,025,321	0.58	0.00	0.00	0.00	0.00	5214.00	0.0	1.1
Others	29,460	29,374,436	232,445,965	7.91	0.00	0.00	0.00	0.00	26071.00	5.3	10.6

Note: Q=quartile; Results shown in Ringgit Malaysia (RM)

Table 5.29: Total Expenditure for Transportation, Accommodation & Others (Among those who have Out-patient Care)

Type of Expenditure (RM)	Count[1]	Estimated Population[2]	Sum	Mean	Median	Q1	Q3	Min	Max	95% CI	
										Lower	Upper
Transportation	2,811	2,651,521	532,824,002	200.95	130.00	0.00	13036.00	178.9	223.0	52.00	261.00
Accommodation	2,811	2,651,521	17,025,321	6.42	0.00	0.00	5214.00	0.5	12.4	0.00	0.00
Others	2,811	2,651,521	232,445,965	87.67	0.00	0.00	26071.00	59.1	116.3	0.00	0.00

Note: Q=quartile; Results shown in Ringgit Malaysia (RM)

Table 5.30: Percapita Health Expenditure for Transportation, Accommodation & Others (Dental care)

Type of Expenditure (RM)	Count[1]	Estimated Population[2]	Sum	Mean	Median	Q1	Q3	Min	Max	95% CI	
										Lower	Upper
Transportation	29,460	29,374,428	46,541,197	1.58	0.00	0.00	0.00	0.00	500.00	1.46	1.71
Accommodation	29,460	29,374,435	2,367,039	0.08	0.00	0.00	0.00	0.00	650.00	0.00	0.17
Others	29,460	29,374,436	15,015,733	0.51	0.00	0.00	0.00	0.00	900.00	0.39	0.63

Note: Q=quartile; Results shown in Ringgit Malaysia (RM)

Table 5.31: Total Expenditure for Transportation, Accommodation & Others (Among those who have Dental care)

Type of Expenditure (RM)	Count[1]	Estimated Population[2]	Sum	Mean	Median	Q1	Q3	Min	Max	95% CI	
										Lower	Upper
Transportation	8,308	8,164,052	46,541,197	5.70	2.00	0.00	7.00	0.00	500.00	5.29	6.12
Accommodation	8,308	8,164,053	2,367,039	0.29	0.00	0.00	0.00	0.00	650.00	0.00	0.61
Others	8,308	8,164,052	15,015,733	1.84	0.00	0.00	0.00	0.00	900.00	1.41	2.27

Note: Q=quartile; Results shown in Ringgit Malaysia (RM)

5.7 VARIABLE DEFINITION

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
Household expenditure	• a1071 • a1072 • a1073 • a1074 • a1075 • a1076 • a1077	Weight_final	Total household expenditure on healthcare services including food, housing, education fees and supplies, healthcare cost, insurance premium and all other goods and services in the last month	foreachvar of varlist a1071 a1072 a1073 a1074 a1075 a1076 a1077 {tabstat 'var' [aw= weight_final], stats(count mean sum sd p50 p25 p75) format (%15.1g) }
Source of payment for health	• a1081 • a1082 • a1083 • a1084 • a1085 • a1086 • a1087	Weight_final	In the last 12months,which financial resources used to pay for any health expenditure -current income of household members -savings -insurance reimbursement -furniture, animals -family members from outside household -borrowed from bank -others	foreachvar of varlist a1081 a1082 a1083 a1084 a1085 a1086 a1087 {svy: tab 'var', obs count format(%12.3gc) svy: tab 'var', ci format(%12.3f) }
Who would usually pay for healthcare?	• a2320 • a2321 • a2322 • a2323 • a2324 • a2325a	weight_final	Who usually pays for Healthcare -government -employer-provided -personal health insurance -employer/panel clinic -self/family/household member -others	foreachvar of varlist a2320 a2321 a2322 a2323 a2324 a2325a {svy: tab 'var', obs count format(%12.3gc) svy: tab 'var', ci format(%12.3f) }
Financial coverage for healthcare	• a2300 • a2301 • a2302	weight_final	Respondents reported about health insurance coverage	foreachvar of varlist a2300 a2301 a2302 {svy: tab 'var', obs count format(%12.3gc) svy: tab 'var', ci format(%12.3f) }
Percapita Total Out-of-Pocket Health Expenditure to Government Health Facilities for In-patient Care by Sociodemographic	• oopgovip	weight_final	Overall total OOP expenditure to government facility for in-patient care which includes total paid for all admission/hospitalization & total paid for medication/appliances; All missing and other values were	tabstatoopgovip [aw=weight_final],stat (count sum mean sd median iqr) format(%15.9g) svy:meanoopgovip foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
			coded as 0.	(tabstatoopgovip [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%15.9g) svy:meanoopgovip, over(`var')).
Total Out-of-Pocket Health Expenditure to Government Health Facilities for In-patient Care by Sociodemographic (Among those who have In-patient Care in last 12 months)	• oopgovip if b2100==1	weight_final	Total OOP expenditure to government facility for in-patient care which includes total paid for all admission/hospitalization & total paid for medication/appliances	tabstatoopgovip [aw=weight_final] if b2100==1,stat(count sum mean sd median iqr) format(%15.9g) svy:meanoopgovip if b2100==1 foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile (tabstatoopgovip [aw=weight_final] if b2100==1,by(`var') stat(count sum mean sd median iqr) format(%15.9g) svy:meanoopgovip if b2100==1, over(`var')).
Percapita Total Out-of-Pocket Health Expenditure to Private Health Facilities for In-patient Care by Sociodemographic	• oopprip	weight_final	Overall total OOP expenditure to private facility for in-patient care which includes total paid for all admission/hospitalization & total paid for medication/appliances; All missing and other values were coded as 0.	tabstatooppripp [aw=weight_final],stat(count sum mean sd median iqr) format(%15.9g) svy:meanooppripp foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile (tabstatooppripp [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%15.9g) svy:meanooppripp, over(`var'))
Total Out-of-Pocket Health Expenditure to Private Health Facilities for In-patient Care by Sociodemographic (Among those who have In-patient Care in last 12 months)	• ooppripp if b2100==1	weight_final	Total OOP expenditure to private facility for in-patient care which includes total paid for all admission/hospitalization & total paid for medication/appliances	tabstatooppripp [aw=weight_final] if b2100==1,stat(count sum mean sd median iqr) format(%15.9g) svy:meanooppripp if b2100==1 foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile (tabstatooppripp [aw=weight_final] if b2100==1,by(`var') stat(count sum mean sd median iqr) format(%15.9g) svy:meanooppripp if b2100==1, over(`var'))
Percapita Total Out-of-Pocket Health Expenditure for In-patient Care by Sociodemographic	oopip	weight_final	Total overall OOP expenditure for in-patient care which includes total paid for all admission/hospitalisation& total paid for medication/ appliances;	tabstatoopip [aw=weight_final],stat(count sum mean sd median iqr) format(%15.9g) svy:meanoopip foreachvar of varlist state strata sex agegroup ethnic7 citizen

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
			All missing and other values were coded as 0.	marital_status education occupation2 hhincomegrphhincome_quintile quintile { tabstatoopip [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%15.9g) svy:meanoopip, over(`var')}.
Total Out-of-Pocket Health Expenditure for In-patient Care by Sociodemographic (Among those who have In-patient Care in last 12 months)	oopip if b2100==1	weight_final	Total OOP expenditure for in-patient care which includes total paid for all admission/hospitalisation& total paid for medication/ appliances	tabstatoopip [aw=weight_final] if b2100==1,stat(count sum mean sd median iqr) format(%15.9g) svy:meanoopip if b2100==1 foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile {tabstatoopip [aw=weight_final] if b2100==1,by(`var') stat(count sum mean sd median iqr) format(%15.9g) svy:meanoopip if b2100==1, over(`var')}.
Percapita Expenditure for Transportation, Accommmodation& Others for in-patient care	ipoop_tpotipoop_acomipoop_oth	weight_final	Total overall in-patient expenditure for transport, accommodation & others to all Healthcare facilities; All missing and other values were coded as 0.	foreachvar of varlistipoop_tpotipoop_acomipoop_oth {tabstat `var' [aw=weight_final],stat(count sum mean sd p50 p25 p75 min max) format(%15.9g) svy:mean `var'}
Total Expenditure for Transportation, Accommodation & Others (Among those who have any In-patient care)	ipoop_tpotipoop_acomipoop_oth	weight_final	Total In-patient expenditure for transport, accommodation & others to all Healthcare facilities	foreachvar of varlistipoop_tpotipoop_acomipoop_oth { tabstat `var' [aw=weight_final] if b2100==1,stat(count sum mean sd p50 p25 p75 min max) format(%15.9g) svy:mean `var' if b2100==1}
Percapita Total Out-of-Pocket Health Expenditure to Government Health Facilities for Out-patient Care by Sociodemographic	anoopgovop	weight_final	Overall total OOP payment for out-patient care to government facilities which includes total paid for visits & total paid for medication/ appliances	*overall tabstatanoopgovop [aw=weight_final], stat(count sum mean sd median iqr) format(%12.4g) svy:meananoopgovop *by SES tabstatanoopgovop [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meananoopgovop, over(`var')

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
Total Out-of-Pocket Health Expenditure to Government Health Facilities for Out-patient Care by Sociodemographic (Among those who have Out-patient Care in last 2 weeks)	anoopgovop	weight_final	Total OOP payment for out-patient care to government facilities which includes total paid for visits & total paid for medication/ appliances	*overall tabstatanoopgovop [aw=weight_final] if b4100==1, stat(count sum mean sd median iqr) format(%12.4g) svy:meananoopgovop if b4100==1 * by SES tabstatanoopgovop [aw=weight_final] if b4100==1,by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meananoopgovop if b4100==1, over(`var')
Percapita Total Out-of-Pocket Health Expenditure to Private Health Facilities for Out-patient Care by Sociodemographic	anooppriop	weight_final	Overall total OOP payment for out-patient care to private facilities which includes total paid for visits & total paid for medication/ appliances	* overall tabstatanooppriop [aw=weight_final], stat(count sum mean sd median iqr) format(%12.4g) svy:meananooppriop * by SES tabstatanooppriop [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meananooppriop, over(`var')
Total Out-of-Pocket Health Expenditure to Private Health Facilities for Out-patient Care by Sociodemographic (Among those who have Out-patient Care in last 2 weeks)	anooppriop	weight_final	Total OOP payment for out-patient care to private facilities which includes total paid for visits & total paid for medication/ appliances	overall tabstatanooppriop [aw=weight_final] if b4100==1, stat(count sum mean sd median iqr) format(%12.4g) svy:meananooppriop if b4100==1 by SES tabstatanooppriop [aw=weight_final] if b4100==1,by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meananooppriop if b4100==1, over(`var')
Percapita Total Out-of-Pocket Health Expenditure for Out-patient Care by Sociodemographic	anoopop	weight_final	Overall total OOP payment for out-patient care to government and private facilities which includes total paid for visits & total paid for medication/ appliances	overall tabstatanoopop [aw=weight_final], stat(count sum mean sd median iqr) format(%12.4g) svy:meananoopop by SES tabstatanoopop [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meananoopop, over(`var')

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
Total Out-of-Pocket Health Expenditure for Out-patient Care by Sociodemographic (Among those who have Out-patient Care in the last 2 weeks)	anoopop	weight_final	Total OOP payment for out-patient care to government and private facilities which includes total paid for visits & total paid for medication/ appliances	* overall tabstatanoopop [aw=weight_final] if b4100==1, stat(count sum mean sd median iqr) format(%12.4g) svy:meananoopop if b4100==1 * by SES tabstatanoopop [aw=weight_final] if b4100==1,by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meananoopop if b4100==1, over(`var')
Percapita Expenditure for Transportation, Accommodation & Others for Out-patient Care	• anopoop_tpot • anopoop_acom • anopoop_oth	weight_final	Total out-patient care expenditure for transport and travel, accommodation and other expenses to all health facilities in the past 1 year.	foreachvar of varlistanopoop_tpotanopoop_acomanopoop_oth (tabstat `var' [aw= weight_final], stats(count mean sum sd p50 min max p25 p75) format (%15.1g) svy : mean `var')
Total Expenditure for Transportation, Accommodation & Others (Among those who have any Out-patient Care)	• anopoop_tpot • anopoop_acom • anopoop_oth	weight_final	Total out-patient care expenditure for transport and travel, accommodation and other expenses to all health facilities in the past 1 year among those who utilised out-patient care B4100=yes	foreachvar of varlistanopoop_tpotanopoop_acomanopoop_oth (tabstat `var' [aw= weight_final] if b4100==1, stats(count mean sum sd p50 min max p25 p75) format (%15.1g) svy : mean `var' if b4100==1)
Percapita Total Out-of-Pocket Health Expenditure to Government Health Facilities for Dental Care by Sociodemographic	oopgovdn • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Overall total OOP expenditure to government facility for dental care which includes total paid for all admission/hospitalization & total paid for medication/appliances; All missing and other values were coded as 0.	foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile (tabstatoopgovdn [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meanoopgovdn, over(`var') *overall tabstatoopgovdn [aw=weight_final], stat(count sum mean sd median iqr) format(%12.4g) svy:meanoopgovdn
Total Out-of-Pocket Health Expenditure to Government	oopgovdn • state • strata	weight_final	Total OOP expenditure to government facility for dental care which includes total paid	foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
Health Facilities for Dental Care by Sociodemographic (Among those who have Dental Care in last 12 months)	• sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile		for all admission/hospitalization & total paid for medication/appliances.	(tabstatoopgovdn [aw=weight_final] if b3100n==1,by(var') stat(count sum mean sd median iqr) format(%12.4g) svy:meanoopgovdn if b3100n==1, over(var')) *overall tabstatoopgovdn [aw=weight_final] if b3100n==1, stat(count sum mean sd median iqr) format(%12.4g) svy:meanoopgovdn if b3100n==1
Percapita Total Out-of-Pocket Health Expenditure to Private Health Facilities for Dental Care by Sociodemographic	ooppridn • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Overall total OOP expenditure to private facility for dental care which includes total paid for all admission/hospitalization & total paid for medication/appliances; All missing and other values were coded as 0.	foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile { tabstatooppridn [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meanooppridn, over(`var')} *overall tabstatooppridn [aw=weight_final], stat(count sum mean sd median iqr) format(%12.4g) svy:meanooppridn
Total Out-of-Pocket Health Expenditure to Private Health Facilities for Dental Care by Sociodemographic (Among those who have Dental Care in last 12 months)	ooppridn • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Total OOP expenditure to private facility for dental care which includes total paid for all admission/hospitalization & total paid for medication/appliances.	foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile { tabstatoppridn [aw=weight_final] if b3100n==1,by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meanoppridn if b3100n==1, over(`var')} *overall tabstatoppridn [aw=weight_final] if b3100n==1, stat(count sum mean sd median iqr) format(%12.4g) svy:meanoppridn if b3100n==1
Percapita Total Out-of-Pocket Health	oopdn • state	weight_final	Total overall OOP expenditure for dental care which includes	foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
Expenditure for Dental Care by Sociodemographic	• strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile		total paid for all admission/hospitalisation & total paid for medication/ appliances; All missing and other values were coded as 0.	hhincomegrphhincome_quintile quintile (tabstatoopdn [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meanoopdn, over(`var') *overall tabstatoopdn [aw=weight_final], stat(count sum mean sd median iqr) format(%12.4g) svy:meanoopdn
Total Out-of-Pocket Health Expenditure for Dental Care by Sociodemographic (Among those who have Dental Care in last 12 months)	oopdn • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile quintile	weight_final	Total OOP expenditure for dental care which includes total paid for all admission/hospitalisation & total paid for medication/ appliances.	foreachvar of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile { tabstatoopdn [aw=weight_final] if b3100n==1,by(`var') stat(count sum mean sd median iqr) format(%12.4g) svy:meanoopdn if b3100n==1, over(`var') *overall tabstatoopdn [aw=weight_final] if b3100n==1, stat(count sum mean sd median iqr) format(%12.4g) svy:meanoopdn if b3100n==1
Total Out of Pocket Health Expenditure for Transportation, Accommodation & Others	• dnoop_tpot • dnoop_acom dnoop_oth	weight_final	Total overall dental expenditure for transport, accommodation & others to all Healthcare facilities; All missing and other values were coded as 0.	foreachvar of varlistdnoop_tpotdnoop_acomdnoop_oth (tabstat `var' [aw= weight_final], stats(count mean sum sd p50 min max p25 p75) format (%15.1g) svy : mean `var')
Total Expenditure for Transportation, Accommodation & Others (Among those who have any In-patient care, Dental care & Out-patient Care)	• dnoop_tpot • dnoop_acom • dnoop_oth	weight_final	Total dental expenditure for transport, accommodation & others to all Healthcare facilities.	foreachvar of varlistdnoop_tpotdnoop_acomdnoop_oth { tabstat `var' [aw= weight_final] if b3100n==1, stats(count mean sum sdp50 min max p25 p75) format (%15.1g) svy : mean `var' if b3100n==1)
Percapita Total Out-of-Pocket Health	• ooptot • oopip	weight_final	Total OOP individual expenditure based on	tabstat ooptot [aw=weight_final],stat (count sum mean sd median iqr)format(%15.9g)

Variable Name	Variable in STATA	Weight	Definition of Variable	STATA Variable Definition
Expenditure by Sociodemographic (In-patient, Dental & Out-patient Care)	• oopdn • anoopop Sociodemographic variables: • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile		total payment to the facility & total payment outside the facility after advice by HCP	svy:mean ooptot, foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile { tabstat ooptot [aw=weight_final],by(`var') stat(count sum mean sd median iqr) format(%15.9g) svy:mean ooptot,over(`var')} Display result by Sociodemographic characteristics: state (Peninsular/Sabah/Sarawak) strata (Urban/rural) • sex • agegroup • ethnicity • citizenship • marital status • education level • occupation • household income group • socioeconomic quintiles • socioeconomic quintiles (based on HCD 2011)
Total Out-of-Pocket Health Expenditure by Sociodemographic (Among those who have any In-patient care, Dental care & Out-patient Care)	• ooptot • oopip • oopdn • anoopop Sociodemographic variables: • state • strata • sex • agegroup • ethnic7 • citizen • marital_status • education • occupation2 • hhincomegrp • hhincome_quintile • quintile	weight_final	Total OOP individual expenditure based on total payment to the facility & total payment outside the facility after advice by HCP	tabstat ooptot [aw=weight_final] if utilised==1,stat(count sum mean sd median iqr) format(%15.9g) svy:mean ooptot if utilised==1 foreach var of varlist state strata sex agegroup ethnic7 citizen marital_status education occupation2 hhincomegrphhincome_quintile quintile { tabstat ooptot [aw=weight_final] if utilised==1,by(`var') stat(count sum mean sd median iqr) format(%15.9g) svy:mean ooptot if utilised==1, over(`var') } Display result by Sociodemographic characteristics: state (Peninsular/Sabah/Sarawak) • strata (Urban/rural) • sex • agegroup • ethnicity • citizenship • marital status • education level • occupation • household income group • socioeconomic quintiles • socioeconomic quintiles (based on HCD 2011)

Appendix 1:

Measurement of living standards based on Healthcare Demand (HCD) analysis 2011

A variety of measures used for assessing people's relative position in terms of living standard and the most commonly used are measures of household income, consumption and expenditure. Consumption and expenditure are generally gives better estimates than income. Furthermore, it is known that self-reported income is often underestimated. Consumption and expenditure also is a better reflection of the people living status today as it captures the living standards of those who are not working but have large savings or if their income is seasonal. Expenditures only consider spending by individuals using money, whereas consumption also includes resources that are used without spending money, such as living in a house without paying rent or using resources that are produced and consumed by household without resorting to purchases.

This survey contains expenditure variables and it does not include suitable consumptions variables due to the larger scopes that need to be covered in the interview. The general methods used follow those recommended in World Bank guidelines for health equity analysis using household survey data.

Household expenditures alone is not adequate measure of living standard and need to be adjusted based on the size of the household and the household economies of scale. This analysis adopted the formula by dividing household expenditure by the size of household measured in adult equivalents. The OECD definition of adult equivalent is widely used and can be calculated using the formula below:

$$AE_h = (A_h + \alpha K_h)^{\theta}$$

Where A_h is the number of adults in household *h*

K_h is the number of children 0–14 years old

α (value is 0.5) is the "cost of children," and

θ (value is 0.75) reflects the degree of economies of scale.

After the measure of living standard is computed, individual in each survey were also ranked and grouped into quintiles of socioeconomic status (SES), according to the measure of living standards used. This report also provides socioeconomic status measured using household income to permit comparisons between NHMS surveys. The household income quintiles were calculated directly from the individual's income in a household and total household income was calculated from the total income by each household member. Each household were ranked and grouped into quintiles.

Institute for Public Health | Ministry of Health Malaysia

National Health & Morbidity Survey 2015

ISBN 978-983-2387-24-4