CORE TABLE

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM 2015
(BRFSS 2015)

Health Regional 5

Bureau of Non-communicable diseases
Department of Disease Control
Dr. Kamolthip Vijitsoonthornkul and Mr. Kanthabhon Tabhun Analyst and Reporter
12 October 2015

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Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
part 0 Demographic data
Table 0 Population (gender, age, education level, presonal income, religion, marital status, work and money status and family income) by municipal area

			Municipal area		Out municipal area	
Population charactors	**Frequency**	**Percent**	**Frequency**	**Percent**	**Frequency**	**Percent**
overall	**1,920**	**100.0**	**960**	**32.7**	**960**	**67.3**
gender						
male	960	48.1	480	47.4	480	48.5
female	960	51.9	480	52.6	480	51.5
age group						
15-19 years	133	9.0	68	10.3	65	8.4
20-24 years	130	9.2	67	8.6	63	9.5
25-29 years	123	8.5	52	7.2	71	9.1
30-34 years	126	9.3	61	8.1	65	9.9
35-39 years	128	8.8	72	9.5	56	8.4
40-44 years	135	7.9	70	8.0	65	7.8
45-49 years	160	9.3	72	7.8	88	10.1
50-54 years	171	9.9	91	10.6	80	9.6
55-59 years	174	9.3	87	10.2	87	8.9
60-64 years	233	7.0	115	7.3	118	6.9
65-69 years	154	4.5	77	4.6	77	4.5
70-74 years	151	4.2	79	4.8	72	4.0
75-79 years	102	2.9	49	3.1	53	2.8
education level						
never attened school	80	3.0	32	2.2	48	3.5
lower pratom	34	1.3	14	1.5	20	1.3
pratom 1-6	1,041	47.1	503	44.3	538	48.5
pre-high school (matayom 3)	311	20.2	157	19.7	154	20.4
high school (matayom 6)/pre-vocational school	274	17.7	136	17.3	138	17.9
high-vocational school /college	46	3.2	28	3.3	18	3.2
university or upper	134	7.3	90	11.7	44	5.2
personal income						
no income	120	7.0	61	6.9	59	7.0
1-999 baht	74	2.7	31	2.3	43	2.9
1,000 - 4,999 baht	400	20.6	201	19.8	199	21.0
5,000 - 9,999 baht	558	33.7	264	30.4	294	35.3
10,000 - 24,999 baht	519	30.7	284	35.1	235	28.5
25,000 - 49,999 baht	75	4.5	33	4.2	42	4.7
50,000 baht and upper	14	0.8	7	1.2	7	0.6
religion	1,760	100.0	881	100.0	879	100.0
buddhism	1,916	99.8	959	100.0	957	99.7
christianity	4	0.2	1	0.0	3	0.3
others	-	-	-	-	-	-

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
part 0 Demographic data
Table 0 Population (gender, age, education level, presonal income, religion, marital status, work and money status and family income) by municipal area (cont.)

			Municipal area		Out municipal area	
Population charactors	**Frequency**	**Percent**	**Frequency**	**Percent**	**Frequency**	**Percent**
marital status						
single	445	27.3	237	31.9	208	25.0
a member of unmarried couple	57	3.5	30	3.6	27	3.5
married	1,214	60.7	597	56.4	617	62.8
separate	72	3.4	34	3.1	38	3.6
divorce	132	5.1	62	4.9	70	5.2
work status						
managers	9	0.5	8	1.3	1	0.2
professionals	34	2.4	27	4.4	7	1.5
technicians and associate professtionals	21	1.6	15	2.6	6	1.2
clerical support workers	26	1.8	17	2.9	9	1.3
service and sales workers	205	15.0	134	21.6	71	11.9
skilled agricultural, foresttry and fishery workers	76	5.6	40	5.1	36	5.8
craft and related trades workers	387	26.8	138	15.5	249	32.1
plant and machinine operators and assemblers	21	2.1	7	1.5	14	2.4
elementrary occupations	576	44.1	284	45.0	292	43.7
armed forces occupations	1	0.06	-	-	1	0.1
money status						
have not enough money and have debt for daily expenditure	237	12.5	103	9.8	134	13.9
pay carrefullly and economize	1,161	59.6	578	57.8	583	60.4
had enough situation	329	19.0	172	21.9	157	17.6
good economic situation	133	8.8	76	10.5	57	8.0
family income						
no income	3	0.1	2	0.2	1	0.0
1- 999 baht	5	0.1	5	0.4	-	-
1,000 - 4,999 baht	115	5.5	52	4.4	63	6.0
5,000 - 9,999 baht	268	15.5	118	12.0	150	17.1
10,000 - 24,999 baht	812	49.9	412	52.8	400	48.6
25,000 - 49,999 baht	329	22.4	161	22.5	168	22.4
50,000 - 99,999 baht	77	5.1	41	5.9	36	4.7
100,000 - 499,999 baht	21	1.2	11	1.6	10	1.0
500,000 baht and upper	2	0.1	1	0.2	1	0.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 1 General health
Table 1.1 How is your health in general? (GENHLTH)

Variable	Frequency	WgtFreq	Excellent or very good or good				Fair or poor			
			Frequency	Percent	LowerCL	UpperCL	Frequency	Percent	LowerCL	UpperCL
overall	1,916	4,343,293	1,186	65.8	64.2	67.4	730	34.2	32.6	35.8
municipal area	957	1,413,396	594	65.0	54.5	75.6	363	35.0	24.4	45.5
out municipal area	959	2,929,897	592	66.1	62.6	69.6	367	33.9	30.4	37.4
male	956	2,084,066	645	72.4	65.1	79.7	311	27.6	20.3	34.9
female	960	2,259,227	541	59.6	53.9	65.4	419	40.4	34.6	46.1
15-24 years	262	788,676	232	88.7	64.5	100.0	30	11.3	0.0	35.5
25-34 years	248	772,062	193	74.4	53.4	95.4	55	25.6	4.6	46.6
35-44 years	262	724,595	192	75.2	28.7	100.0	70	24.8	0.0	71.3
45-54 years	331	839,381	192	57.4	57.3	57.5	139	42.6	42.5	42.7
55-64 years	406	710,022	207	49.6	18.5	80.7	199	50.4	19.3	81.5
65-74 years	305	381,698	136	42.4	28.7	56.1	169	57.6	43.9	71.3
75-79 years	102	126,859	34	32.8	25.7	39.8	68	67.2	60.2	74.3
never attended school	80	132,643	29	43.7	15.6	71.8	51	56.3	28.2	84.4
pratoon 1-6	1072	2,101,223	557	54.2	28.1	80.2	515	45.8	19.8	71.9
matayoom 1-6	585	1,651,424	450	78.5	38.6	100.0	135	21.5	0.0	61.4
college/certificate	46	140,969	38	78.6	0.0	100.0	8	21.4	0.0	100.0
university or upper	133	317,034	112	79.6	22.9	100.0	21	20.4	0.0	77.1
no income	120	278,413	62	55.2	8.1	100.0	58	44.8	0.0	91.9
1-4,999 baht	474	935,043	237	54.8	24.1	85.5	237	45.2	14.5	75.9
5,000-9,999 baht	558	1,349,137	369	68.8	52.4	85.2	189	31.2	14.8	47.6
10,000 baht upper	605	1,430,241	435	74.0	57.0	91.0	170	26.0	9.0	43.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 1 General health
Table 1.2 During the past 30 days, how many days did you have physical illness or injury? (PSICKDAY)

			0 day				1-2 days				3-7 days				8-30 days			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,917	4,348,677	1,289	68.1	13.4	100.0	268	13.4	6.1	20.8	270	14.1	0.0	65.5	90	4.3	0.3	8.4
municipal area	959	1,421,965	661	71.0	2.3	100.0	120	11.3	0.0	25.4	134	13.8	0.0	65.6	44	3.9	1.0	6.7
out municipal area	958	2,926,712	628	66.6	22.1	100.0	148	14.4	12.7	16.2	136	14.3	0.0	65.0	46	4.6	0.0	12.5
male	960	2,095,540	688	73.5	21.1	100.0	124	12.2	11.2	13.2	110	10.9	0.0	53.5	38	3.4	0.0	12.2
female	957	2,253,137	601	63.0	4.9	100.0	144	14.6	1.0	28.1	160	17.2	0.0	77.5	52	5.2	0.0	20.9
15-24 years	263	792,849	190	73.1	50.1	96.0	25	9.2	0.0	48.5	43	15.8	0.0	89.1	5	1.9	0.0	13.0
25-34 years	249	776,235	181	70.0	7.6	100.0	33	14.6	0.0	39.2	28	12.8	0.0	39.6	7	2.6	0.0	13.6
35-44 years	262	722,164	182	69.0	27.1	100.0	35	12.2	0.0	34.6	38	14.6	0.0	49.6	7	4.2	0.0	33.6
45-54 years	331	839,381	224	68.4	13.4	100.0	46	14.3	0.7	27.9	46	13.2	0.0	68.2	15	4.1	0.0	17.6
55-64 years	406	710,860	266	67.0	0.0	100.0	58	13.6	0.0	63.3	57	13.3	0.0	76.5	25	6.1	0.0	40.5
65-74 years	305	381,698	184	57.6	1.3	100.0	59	19.8	1.6	37.9	42	14.9	0.0	68.8	20	7.6	0.0	23.3
75-79 years	101	125,489	62	54.6	0.0	100.0	12	13.8	0.0	35.0	16	18.3	0.0	77.1	11	13.3	2.2	24.4
never attended school	80	132,643	43	64.7	0.0	100.0	15	13.7	0.0	43.2	15	16.9	0.0	100.0	7	4.6	0.0	14.5
pratoon 1-6	1073	2,109,038	695	65.0	14.5	100.0	169	15.8	4.0	27.6	147	13.0	0.0	65.6	62	6.2	0.0	20.1
matayoom 1-6	585	1,651,424	416	70.6	28.9	100.0	61	10.6	0.9	20.3	90	16.2	0.0	66.1	18	2.7	1.3	4.0
college/certificate	46	140,969	31	67.9	0.0	100.0	7	16.6	0.0	59.5	6	11.5	0.0	56.2	2	4.0	0.0	51.0
university or upper	133	314,603	104	77.4	29.5	100.0	16	10.7	0.0	35.9	12	11.0	0.0	38.9	1	0.9	0.0	6.1
no income	120	278,413	78	61.7	58.6	64.8	13	13.0	0.0	47.5	19	16.3	0.0	100.0	10	9.0	0.0	80.5
1-4,999 baht	473	933,673	290	64.2	35.7	92.8	70	12.6	12.2	13.1	75	16.3	0.0	51.6	38	6.8	0.5	13.2
5,000-9,999 baht	557	1,345,115	381	68.1	4.7	100.0	65	12.2	1.7	22.6	83	15.2	0.0	72.4	28	4.5	0.2	8.8
10,000 baht upper	607	1,439,480	425	69.8	0.0	100.0	91	15.1	2.9	27.2	78	12.5	0.0	73.6	13	2.6	0.0	16.8

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 1 General health
Table 1.3 During the past 30 days, how many days did you has stress, depression, or problems with emotion? (MSICKDAY)

			0 day				1-2 days				3-7 days				8-30 days			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,918	4,350,136	1,703	88.4	81.0	95.8	62	3.6	0.0	12.5	109	5.8	0.0	23.4	44	2.2	1.0	3.4
municipal area	959	1,422,725	861	89.5	87.3	91.7	21	2.0	1.5	2.4	54	5.9	4.2	7.6	23	2.6	2.5	2.7
out municipal area	959	2,927,411	842	87.8	77.0	98.7	41	4.3	0.0	19.2	55	5.8	0.0	32.8	21	2.0	0.7	3.3
male	959	2,094,931	870	90.9	90.7	91.1	23	2.6	2.4	2.9	53	5.0	0.0	11.8	13	1.5	0.0	8.4
female	959	2,255,204	833	86.0	70.9	100.0	39	4.4	0.0	21.2	56	6.6	0.0	34.3	31	2.9	0.0	7.1
15-24 years	263	792,849	243	90.9	59.7	100.0	3	2.0	0.0	18.0	13	5.0	0.7	9.3	4	2.1	0.0	21.6
25-34 years	249	776,235	229	90.0	75.4	100.0	5	2.7	0.0	9.6	12	6.1	0.0	21.0	3	1.2	0.0	8.5
35-44 years	262	722,164	238	92.2	84.8	99.6	7	2.9	0.0	20.6	13	3.8	0.0	17.4	4	1.1	0.0	4.3
45-54 years	330	838,772	285	84.0	66.0	100.0	14	5.0	0.0	15.7	20	7.9	0.0	38.5	11	3.1	1.2	5.0
55-64 years	407	711,558	354	87.2	52.3	100.0	21	5.5	0.0	14.3	20	4.4	0.0	26.2	12	2.9	0.0	24.8
65-74 years	305	381,698	267	86.8	81.3	92.3	10	3.6	0.0	10.3	21	6.4	0.0	18.2	7	3.2	2.7	3.7
75-79 years	102	126,859	87	81.8	45.5	100.0	2	2.0	0.0	23.6	10	12.6	0.0	51.0	3	3.7	0.0	23.1
never attended school	80	132,643	65	83.4	30.4	100.0	6	6.7	0.0	20.7	7	7.4	0.0	33.1	2	2.4	0.0	15.7
pratoon 1-6	1075	2,111,106	931	85.8	70.8	100.0	43	4.6	0.0	12.5	71	6.8	0.0	23.7	30	2.9	0.0	8.9
matayoom 1-6	584	1,650,815	534	90.5	83.7	97.4	11	2.6	0.0	16.2	27	4.9	0.0	25.7	12	1.9	0.0	15.9
college/certificate	46	140,969	42	87.4	67.7	100.0	1	2.7	0.0	27.4	3	9.9	4.9	14.8	0	0.0	0.0	0.0
university or upper	133	314,603	131	97.2	80.6	100.0	1	1.1	0.0	7.6	1	1.7	0.0	11.8	0	0.0	0.0	0.0
no income	120	278,413	98	79.6	0.0	100.0	5	3.5	0.0	31.6	15	14.3	0.0	100.0	2	2.6	0.0	23.9
1-4,999 baht	474	935,043	412	87.0	82.8	91.3	14	3.4	0.5	6.3	36	7.4	0.0	28.1	12	2.2	0.0	15.8
5,000-9,999 baht	556	1,344,505	502	89.8	75.5	100.0	17	3.4	0.0	18.8	23	4.5	0.0	22.6	14	2.2	0.0	13.9
10,000 baht upper	608	1,440,179	547	89.3	82.8	95.8	21	3.8	0.0	14.3	27	4.6	0.0	11.4	13	2.3	0.0	5.2

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 1 General health
Table 1.4 During the past 30 days, how many days did poor physical or mental health keep you from doing your ususal acivities? (DISABDAY)

			0 day				1-2 days				3-7 days				8-30 days			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,918	4,349,376	1,856	97.1	89.0	100.0	31	1.5	0.0	3.4	21	0.9	0.0	3.0	10	0.5	0.0	4.5
municipal area	959	1,421,965	932	97.6	95.4	99.9	14	1.0	0.0	5.6	10	1.2	0.0	4.6	3	0.2	0.0	1.2
out municipal area	959	2,927,411	924	96.8	83.1	100.0	17	1.7	0.0	7.5	11	0.8	0.0	1.9	7	0.7	0.0	7.6
male	960	2,095,540	937	97.7	96.3	99.0	12	1.4	0.6	2.3	8	0.7	0.0	2.5	3	0.2	0.0	0.5
female	958	2,253,835	919	96.5	82.4	100.0	19	1.5	0.0	6.1	13	1.2	0.0	3.4	7	0.8	0.0	8.2
15-24 years	263	792,849	258	98.8	95.6	100.0	3	0.4	0.0	4.6	2	0.8	0.0	8.3	0	0.0	0.0	0.0
25-34 years	249	776,235	243	96.7	83.2	100.0	4	2.4	0.0	7.6	2	0.9	0.0	9.2	0	0.0	0.0	0.0
35-44 years	262	722,164	254	96.4	82.9	100.0	4	2.2	0.0	7.1	2	0.3	0.0	1.1	2	1.1	0.0	8.9
45-54 years	331	839,381	324	98.2	81.4	100.0	3	0.7	0.0	7.2	2	0.4	0.0	4.3	2	0.7	0.0	7.0
55-64 years	407	711,558	393	97.5	96.2	98.9	9	1.6	1.5	1.7	3	0.6	0.0	1.5	2	0.3	0.0	0.7
65-74 years	305	381,698	290	93.9	92.2	95.7	7	2.1	0.7	3.4	6	2.4	0.0	16.1	2	1.6	0.0	18.3
75-79 years	101	125,489	94	91.0	88.3	93.7	1	0.4	0.0	4.9	4	6.8	4.8	8.8	2	1.8	0.0	6.9
never attended school	80	132,643	72	94.1	91.9	96.3	5	3.6	0.0	29.3	2	1.7	0.0	19.1	1	0.6	0.0	6.6
pratoon 1-6	1074	2,109,736	1034	96.3	86.0	100.0	16	1.4	0.0	3.9	15	1.3	0.7	1.9	9	1.1	0.0	9.5
matayoom 1-6	585	1,651,424	574	97.9	87.6	100.0	7	1.4	0.0	6.0	4	0.7	0.0	6.5	0	0.0	0.0	0.0
college/certificate	46	140,969	45	99.5	93.2	100.0	1	0.5	0.0	6.8	0	0.0	0.0	0.0	0	0.0	0.0	0.0
university or upper	133	314,603	131	98.6	97.1	100.0	2	1.4	0.0	2.9	0	0.0	0.0	0.0	0	0.0	0.0	0.0
no income	120	278,413	114	95.3	66.4	100.0	2	1.6	0.0	6.0	2	0.9	0.0	8.2	2	2.2	0.0	19.4
1-4,999 baht	473	933,673	450	95.6	94.1	97.1	11	2.0	0.6	3.4	9	2.1	0.7	3.5	3	0.3	0.0	1.8
5,000-9,999 baht	557	1,345,115	544	97.5	85.9	100.0	8	1.6	0.0	10.5	2	0.3	0.0	1.1	3	0.6	0.0	4.2
10,000 baht upper	608	1,440,179	597	98.3	94.6	100.0	5	1.0	0.2	1.8	5	0.6	0.0	1.9	1	0.2	0.0	1.8

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 10 Diabetes
Table 10.1 How long have you been checked your blood sugar for diabetes by doctors, nurses, or public health personals? (LASTBLSU)

			Within past 1 year ago				Within past 1 to 2 years ago				More than 2 year ago				Never			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,911	4,328,425	1,298	61.9	43.8	79.9	78	4.7	0.0	12.0	54	2.8	0.0	7.1	481	30.6	24.2	37.0
municipal area	955	1,417,634	626	59.3	41.4	77.2	42	4.9	1.9	8.0	31	3.4	1.3	5.4	256	32.4	19.6	45.2
out municipal area	956	2,910,791	672	63.1	30.4	95.9	36	4.5	0.0	16.7	23	2.6	0.0	9.4	225	29.8	16.0	43.6
male	958	2,093,133	593	54.3	38.4	70.2	40	5.5	0.0	23.4	33	3.3	0.0	14.8	292	36.9	0.0	82.1
female	953	2,235,292	705	69.0	16.9	100.0	38	3.9	1.6	6.1	21	2.4	0.1	4.7	189	24.8	0.0	81.3
15-24 years	260	783,828	72	30.4	0.0	86.0	5	2.0	0.0	5.2	4	1.2	0.0	7.8	179	66.4	20.6	100.0
25-34 years	248	770,486	116	44.8	0.0	100.0	10	2.9	0.0	21.5	6	2.5	0.0	14.4	116	49.8	16.9	82.7
35-44 years	262	719,120	161	60.7	51.4	70.0	21	7.8	1.7	13.9	12	4.6	0.0	14.6	68	26.9	21.5	32.4
45-54 years	331	839,381	251	74.7	70.3	79.1	13	5.5	0.0	17.4	11	3.2	0.0	25.2	56	16.6	0.0	46.1
55-64 years	405	709,811	342	82.5	67.6	97.4	15	5.8	0.0	18.4	16	4.0	0.0	18.2	32	7.6	0.0	24.1
65-74 years	304	380,361	272	89.2	48.3	100.0	12	4.6	0.0	24.5	3	0.9	0.0	2.4	17	5.3	0.0	27.8
75-79 years	101	125,439	84	85.2	59.0	100.0	2	2.3	0.0	16.1	2	1.5	0.0	7.5	13	11.0	4.6	17.4
never attended school	79	131,223	62	72.7	0.0	100.0	7	11.8	0.0	100.0	1	5.4	0.0	60.8	9	10.1	0.0	40.5
pratoon 1-6	1071	2,100,954	840	73.4	50.2	96.7	33	4.7	0.0	17.8	34	3.2	1.4	4.9	164	18.7	6.8	30.7
matayoom 1-6	582	1,637,465	303	48.7	45.0	52.4	25	3.8	0.0	9.2	13	1.9	0.0	11.4	241	45.6	37.8	53.4
college/certificate	46	140,969	25	57.3	28.2	86.5	2	3.6	0.0	8.8	0	0.0	0.0	0.0	19	39.1	4.7	73.4
university or upper	133	317,815	68	51.0	12.4	89.6	11	6.3	0.6	12.1	6	5.8	0.0	16.1	48	36.9	14.3	59.4
no income	119	276,691	76	56.0	26.8	85.2	3	4.5	0.0	36.5	4	4.4	0.0	39.1	36	35.2	8.8	61.6
1-4,999 baht	473	934,364	335	60.7	47.8	73.6	13	3.2	0.0	6.5	13	3.4	0.0	8.4	112	32.7	21.5	43.9
5,000-9,999 baht	555	1,341,508	370	63.2	33.1	93.4	26	4.8	0.7	8.9	15	1.9	0.0	4.3	144	30.1	1.7	58.5
10,000 baht upper	605	1,425,203	413	63.0	38.7	87.3	31	5.7	0.0	20.0	21	3.6	2.6	4.6	140	27.7	16.8	38.7

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 10 Diabetes
Table 10.2 Have you ever been told by doctors, nurses, or public health personals that you have diabetes? (DIABETS)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,427	2,996,908	161	9.9	6.8	13.0	1,266	90.1	87.0	93.2
municipal area	698	952,546	82	11.1	3.3	18.8	616	88.9	81.2	96.7
out municipal area	729	2,044,363	79	9.4	8.9	9.9	650	90.6	90.1	91.1
male	664	1,314,924	63	7.0	0.0	21.3	601	93.0	78.7	100.0
female	763	1,681,985	98	12.2	9.2	15.2	665	87.8	84.8	90.8
15-24 years	82	264,864	1	0.4	0.0	5.2	81	99.6	94.8	100.0
25-34 years	133	392,524	0	0.0	0.0	0.0	133	100.0	100.0	100.0
35-44 years	194	528,473	7	3.9	0.0	10.4	187	96.1	89.6	100.0
45-54 years	273	690,094	34	14.0	4.3	23.7	239	86.0	76.3	95.7
55-64 years	371	650,186	51	12.8	0.0	41.4	320	87.2	58.6	100.0
65-74 years	286	359,166	56	21.9	0.0	43.9	230	78.1	56.1	100.0
75-79 years	88	111,602	12	15.5	5.5	25.6	76	84.5	74.4	94.5
never attended school	68	109,785	10	15.7	0.0	69.5	58	84.3	30.5	100.0
pratoon 1-6	904	1,701,795	124	13.4	2.5	24.3	780	86.6	75.7	97.5
matayoom 1-6	343	898,813	20	4.3	0.0	11.1	323	95.7	88.9	100.0
college/certificate	27	85,897	4	6.3	0.0	22.7	23	93.7	77.3	100.0
university or upper	85	200,619	3	3.3	0.0	21.5	82	96.7	78.5	100.0
no income	83	179,931	17	20.4	0.0	78.6	66	79.6	21.4	100.0
1-4,999 baht	361	622,251	55	15.3	0.0	50.9	306	84.7	49.1	100.0
5,000-9,999 baht	410	940,291	43	9.0	0.0	46.7	367	91.0	53.3	100.0
10,000 baht upper	463	1,027,122	39	6.6	0.0	13.7	424	93.4	86.3	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 10 Diabetes
Table 10.3 How many times have you seen doctors, nurses, or public health personals for diabetes treatment for the last 12 month? (FRECARDI)

			Never				One or two times per year				Three or four times per year				Five or six times per year				More than six times per year			
variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	160	301,056	4	2.6	0.0	16.2	28	18.5	0.0	97.9	20	7.8	0.0	26.8	37	20.5	0.0	100.0	71	50.6	14.7	86.5
municipal area	82	107,393	2	4.0	0.0	32.8	19	29.2	0.0	75.4	13	11.2	6.9	15.5	21	21.1	0.0	100.0	27	34.5	34.3	34.7
out municipal area	78	193,662	2	1.9	0.0	4.3	9	12.5	0.0	89.9	7	5.9	0.0	44.3	16	20.1	0.0	100.0	44	59.6	0.0	100.0
male	63	91,890	0	0.0	0.0	0.0	11	18.6	10.3	27.0	9	11.2	0.0	34.9	17	22.3	0.0	87.3	26	47.8	0.0	100.0
female	97	209,166	4	3.8	0.0	27.1	17	18.4	0.0	100.0	11	6.3	0.0	28.2	20	19.7	0.0	100.0	45	51.9	38.7	65.0
15-24 years	1	985	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	100.0	100.0	100.0	0	0.0	0.0	0.0
25-34 years	7	20,651	0	0.0	0.0	0.0	1	11.7	0.0	97.9	0	0.0	0.0	0.0	3	43.3	0.0	100.0	3	45.0	0.0	100.0
35-44 years	33	98,495	0	0.0	0.0	0.0	9	23.1	0.0	100.0	1	1.3	0.0	17.5	8	19.9	0.0	100.0	15	55.8	35.2	76.3
45-54 years	52	85,707	1	3.3	0.0	30.7	8	19.3	0.0	93.3	9	11.6	1.7	21.5	13	20.0	0.0	87.8	21	45.8	22.2	69.4
55-64 years	55	77,869	2	4.7	0.0	16.9	9	16.7	13.6	19.8	8	12.4	0.0	35.2	8	13.4	0.0	89.8	28	52.8	0.0	100.0
65-74 years	12	17,349	1	8.8	0.0	96.2	1	4.9	0.0	53.4	2	14.9	13.3	16.6	4	26.5	0.0	100.0	4	44.9	0.0	98.2
75-79 years																						
	11	24,268	1	6.3	0.0	72.5	1	29.1	0.0	100.0	1	4.8	0.0	53.6	3	32.3	0.0	100.0	5	27.6	19.9	35.2
never attended school	122	225,766	3	2.9	0.0	15.5	20	14.6	0.0	66.4	14	7.0	0.0	30.0	27	16.8	0.0	96.9	58	58.8	20.2	97.5
pratoon 1-6	20	38,998	0	0.0	0.0	0.0	4	24.4	0.0	100.0	4	11.5	0.0	41.9	6	35.2	0.0	100.0	6	29.0	0.0	100.0
matayoom 1-6	4	5,440	0	0.0	0.0	0.0	2	51.2	0.0	100.0	1	37.5	0.0	100.0	0	0.0	0.0	0.0	1	11.3	0.0	100.0
college/certificate	3	6,584	0	0.0	0.0	0.0	1	50.5	50.5	50.5	0	0.0	0.0	0.0	1	34.3	34.3	34.3	1	15.3	15.3	15.3
university or upper																						
	17	36,685	1	4.2	0.0	27.1	4	22.2	20.6	23.8	1	1.5	0.0	9.5	2	12.2	0.0	79.6	9	60.0	0.0	100.0
no income	55	101,335	2	4.8	0.0	63.8	8	16.7	0.0	62.1	11	12.6	0.0	27.4	15	22.1	0.0	87.9	19	43.9	20.0	67.7
1-4,999 baht	41	79,380	0	0.0	0.0	0.0	10	24.5	0.0	100.0	2	3.0	0.0	20.3	10	20.1	0.0	100.0	19	52.5	0.0	100.0
5,000-9,999 baht	40	70,897	1	2.3	0.0	28.8	6	15.6	0.0	92.0	5	10.6	9.0	12.2	10	26.5	0.0	100.0	18	45.0	0.0	100.0
10,000 baht upper	62	131,313	17	39.1	0.0	100.0	3	2.7	0.0	19.5	22	32.3	0.0	100.0	11	17.3	0.0	79.0	9	8.6	0.7	16.4

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 10 Diabetes
Table 10.4 How many times did you have your feet checked for any sores or irritations by doctors or nurses in the past 12 months? (FEETCHK)

			Never				One or two times per year				Three or four times per year				Five or six times per year				More than six times per year			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	156	293,644	5	38.2	24.9	51.4	86	51.8	0.0	100.0	7	4.6	0.0	40.5	5	4.1	0.0	41.3	2	1.4	0.0	13.8
municipal area	80	104,849	27	31.2	9.5	52.8	48	58.9	10.5	100.0	2	5.0	0.0	40.5	2	3.7	0.0	29.8	1	1.2	0.0	9.6
out municipal area	76	188,796	29	42.1	0.0	87.4	38	47.9	0.0	100.0	5	4.3	0.0	39.8	3	4.3	0.0	48.4	1	1.4	0.0	16.4
male	62	90,715	21	35.5	0.0	98.8	33	51.2	0.0	100.0	5	8.8	0.0	50.1	3	4.5	0.0	35.4	0	0.0	0.0	0.0
female	94	202,929	35	39.4	34.2	44.6	53	52.1	0.0	100.0	2	2.7	0.0	30.0	2	3.9	0.0	43.4	2	2.0	0.0	22.0
15-24 years	1	985	1	100.0	100.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
25-34 years																						
35-44 years	7	20,651	2	32.1	0.0	100.0	5	67.9	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
45-54 years	33	98,495	17	48.0	0.0	100.0	14	46.8	0.0	100.0	1	2.5	0.0	23.4	0	0.0	0.0	0.0	1	2.8	0.0	26.1
55-64 years	52	85,707	19	33.4	0.0	90.6	27	49.7	0.0	100.0	2	5.2	0.0	48.4	3	10.3	0.0	96.9	1	1.5	0.0	13.7
65-74 years	52	71,827	14	35.1	0.0	100.0	32	51.4	8.7	94.2	4	9.2	0.0	86.7	2	4.3	0.0	52.2	0	0.0	0.0	0.0
75-79 years	11	15,980	3	21.2	0.0	100.0	8	78.8	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
never attended school	10	21,707	2	39.6	0.0	100.0	8	60.4	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
pratoon 1-6	119	220,916	41	36.0	2.2	69.8	64	50.7	0.0	100.0	7	6.1	0.0	56.4	5	5.4	0.0	57.2	2	1.8	0.0	19.1
matayoom 1-6	20	38,998	10	45.5	0.0	100.0	10	54.5	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
college/certificate	4	5,440	2	53.4	0.0	100.0	2	46.6	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
university or upper	3	6,584	1	50.5	50.5	50.5	2	49.5	49.5	49.5	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
no income	17	36,685	9	57.0	0.0	100.0	7	40.7	0.0	100.0	1	2.3	0.0	37.9	0	0.0	0.0	0.0	0	0.0	0.0	0.0
1-4,999 baht	52	95,099	19	48.2	18.4	77.9	29	44.0	0.0	100.0	1	2.8	0.0	36.8	3	5.1	0.0	67.3	0	0.0	0.0	0.0
5,000-9,999 baht	40	78,205	11	20.3	0.0	100.0	26	68.1	0.0	100.0	0	0.0	0.0	0.0	1	6.5	0.0	44.1	2	5.1	0.0	34.6
10,000 baht upper	40	70,897	15	38.7	25.7	51.8	20	47.2	0.0	100.0	5	14.0	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 10 Diabetes
Table 10.5 How many times in the past 12 months has a health professional checked your blood for renal function test and other diabetes complicaations? (RENALCHK)

			Every 1 to 3 months				Every 4 to 6 months				Every 7 to 12 months				Once a year or longer				Never			
variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	142	270,498	27	22.9	0.0	94.2	18	11.7	5.2	18.2	63.0	43.5	0.0	100.0	12	10.1	5.5	14.7	22	11.8	0.0	50.3
municipal area	72	96,219	12	24.8	8.7	40.9	9	12.9	0.0	43.7	34.0	41.2	0.0	100.0	5	6.0	0.0	49.5	12	15.1	0.0	78.2
out municipal area	70	174,279	15	21.8	0.0	100.0	9	11.0	0.0	39.9	29.0	44.7	0.0	100.0	7	12.4	0.0	37.4	10	10.0	0.0	30.0
male	59	83,818	12	27.8	21.9	33.7	7	10.0	0.0	38.8	27.0	38.3	0.0	100.0	4	10.8	0.0	91.9	9	13.0	0.0	31.7
female	83	186,681	15	20.6	0.0	100.0	11	12.4	0.0	33.1	36.0	45.8	0.0	100.0	8	9.8	0.0	53.6	13	11.3	0.0	57.5
15-24 years	1	985	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	100.0	100.0	100.0
25-34 years																						
35-44 years	7	20,651	1	12.9	0.0	100.0	2	14.8	0.0	59.6	3.0	47.7	0.0	100.0	1	24.6	0.0	100.0	0	0.0	0.0	0.0
45-54 years	32	95,171	6	22.6	0.0	100.0	4	14.3	0.0	62.0	13.0	46.3	0.0	100.0	1	1.5	0.0	14.6	8	15.3	0.0	53.2
55-64 years	47	78,411	12	34.0	20.1	47.8	5	10.2	0.0	67.0	20.0	34.5	0.0	85.2	4	12.5	0.0	100.0	6	8.9	0.0	80.2
65-74 years	47	64,948	6	13.9	0.0	29.7	6	9.1	0.0	39.9	23.0	47.6	25.7	69.6	5	14.6	6.1	23.1	7	14.7	0.0	60.2
75-79 years	8	10,334	2	19.7	0.0	67.6	1	10.2	0.0	100.0	4.0	55.4	47.1	63.6	1	14.8	0.0	100.0	0	0.0	0.0	0.0
never attended school	8	19,091	1	4.1	0.0	47.5	1	9.8	0.0	100.0	5.0	78.1	50.6	100.0	1	8.0	0.0	92.6	0	0.0	0.0	0.0
pratoon 1-6	108	203,709	21	24.8	0.0	100.0	12	9.0	0.0	49.0	49.0	42.6	0.0	100.0	10	11.7	0.0	32.0	16	11.9	0.0	65.3
matayoom 1-6	19	35,674	2	14.2	0.0	50.8	5	31.7	0.0	100.0	8.0	42.9	0.0	100.0	0	0.0	0.0	0.0	4	11.1	0.0	100.0
college/certificate	4	5,440	1	42.1	0.0	100.0	0	0.0	0.0	0.0	1.0	11.3	0.0	100.0	1	37.5	0.0	100.0	1	9.1	0.0	100.0
university or upper	3	6,584	2	49.5	49.5	49.5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	50.5	50.5	50.5
no income	14	32,029	2	11.6	0.0	84.5	2	14.3	0.0	48.8	5.0	51.5	0.0	100.0	1	1.7	0.0	12.2	4	21.0	0.0	100.0
1-4,999 baht	48	87,546	8	19.4	0.0	72.0	5	6.0	0.0	35.5	23.0	49.0	0.0	100.0	7	19.1	0.0	86.4	5	6.6	0.0	35.7
5,000-9,999 baht	36	71,021	6	26.9	0.0	100.0	6	14.9	0.0	79.3	15.0	40.7	0.0	100.0	1	2.1	0.0	13.9	8	15.4	0.0	65.6
10,000 baht upper	37	67,144	9	26.6	0.0	60.0	4	9.4	0.0	50.3	16.0	38.4	0.0	100.0	3	12.7	0.0	100.0	5	12.8	0.9	24.7

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 10 Diabetes
Table 10.6 When was the last time you had an eye exam in which the pupils were dialated? (This would have made you temporarily sensitive to bright light.) (EYEEXAM)

			Within 1 year ago				Within 1 to 2 years ago				More than 2 years ago				Never			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	155	293,868	100	71.5	45.3	97.7	17	7.6	0.0	45.2	1	0.4	0.0	4.0	37	20.5	0.0	80.6
municipal area	78	101,828	48	66.8	0.0	100.0	10	10.5	0.0	65.5	1	1.1	0.0	9.1	19	21.6	0.0	51.2
out municipal area	77	192,040	52	74.0	1.7	100.0	7	6.1	0.0	39.4	0	0.0	0.0	0.0	18	19.9	0.0	100.0
male	62	90,715	36	53.1	35.5	70.7	6	10.0	0.0	89.4	0	0.0	0.0	0.0	20	37.0	0.0	98.9
female	93	203,153	64	79.7	63.1	96.4	11	6.6	0.0	29.1	1	0.6	0.0	6.4	17	13.1	0.0	46.4
15-24 years	1	985	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	100.0	100.0	100.0
25-34 years	6	18,238	5	72.1	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	27.9	0.0	100.0
35-44 years	33	98,495	19	71.1	0.0	100.0	2	1.9	0.0	4.8	0	0.0	0.0	0.0	12	27.0	0.0	100.0
45-54 years	51	85,255	33	73.1	0.0	100.0	6	10.3	0.0	76.7	1	1.3	0.0	12.4	11	15.3	0.0	39.6
55-64 years	53	75,072	36	72.1	50.2	93.9	7	12.2	0.0	73.5	0	0.0	0.0	0.0	10	15.8	0.0	55.3
65-74 years	11	15,824	7	66.6	22.2	100.0	2	16.4	0.0	33.9	0	0.0	0.0	0.0	2	17.0	0.0	79.0
75-79 years																		
	10	22,742	8	83.7	0.0	100.0	2	16.3	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
never attended school	119	222,517	77	73.1	61.6	84.6	13	7.2	0.0	41.8	1	0.5	0.0	5.4	28	19.2	0.0	60.4
pratoon 1-6	19	36,585	11	61.1	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	8	38.9	0.0	100.0
matayoom 1-6	4	5,440	2	51.2	0.0	100.0	2	48.8	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	
college/certificate	3	6,584	2	49.5	49.5	49.5	0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	50.5	50.5	50.5
university or upper																		
	16	35,159	9	60.2	25.4	94.9	2	4.8	0.0	45.5	0	0.0	0.0	0.0	5	35.0	0.0	100.0
no income	55	101,335	34	76.0	10.1	100.0	9	11.9	0.0	60.3	0	0.0	0.0	0.0	12	12.1	0.0	29.6
1-4,999 baht	39	77,753	29	76.9	12.1	100.0	1	1.6	0.0	10.8	0	0.0	0.0	0.0	9	21.5	0.0	77.1
5,000-9,999 baht	38	66,862	23	62.1	0.0	100.0	5	11.04	0.00	53.32	1	1.7	0.0	17.4	9	25.2	0.0	100.0
10,000 baht upper	55	104,405	30	49.9	0.0	100.0	3	3.37	0.00	28.08	5	5.2	0.0	38.5	17	41.6	0.0	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 11 injury
Table 11.1 In the last 12 months, how often did you use helmet when you rode a motocycle? (HELMET)

			Never				Rarely				Sometimes				Almost every time				Every time			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,378	3,398,247	244	17.4	13.5	21.2	136	10.0	0.1	19.8	523	37.1	9.2	64.9	137	9.9	0.0	38.8	338	25.7	20.8	30.6
municipal area	673	1,027,834	115	17.3	0.0	45.0	52	7.0	0.0	25.8	255	36.5	0.0	93.2	79	11.5	0.0	34.6	172	27.6	0.0	100.0
out municipal area	705	2,370,414	129	17.4	0.0	35.0	84	11.2	8.0	14.4	268	37.3	22.5	52.1	58	9.2	0.0	39.1	166	24.9	0.0	54.5
male	806	1,848,967	136	16.7	3.5	29.9	89	10.6	0.0	26.8	311	38.1	9.6	66.6	80	9.2	0.0	32.5	190	25.4	17.2	33.6
female	572	1,549,281	108	18.2	10.6	25.7	47	9.2	7.1	11.3	212	35.9	9.2	62.5	57	10.6	0.0	46.1	148	26.1	25.3	26.9
15-24 years	233	704,732	43	18.8	10.7	26.9	14	5.3	0.0	38.1	112	47.7	4.5	90.8	24	12.6	0.0	58.4	40	15.6	0.0	59.1
25-34 years	227	713,951	31	13.2	8.4	17.9	23	11.6	0.0	33.9	96	39.5	0.0	100.0	22	9.8	0.0	39.3	55	26.0	0.0	89.5
35-44 years	230	642,260	39	18.6	6.8	30.5	28	12.7	0.0	41.5	85	35.2	30.8	39.7	26	9.6	0.0	36.2	52	23.9	5.3	42.4
45-54 years	274	693,258	51	18.5	1.6	35.5	23	8.4	7.9	8.9	86	30.3	2.4	58.1	24	8.6	8.1	9.1	90	34.2	22.3	46.1
55-64 years	266	477,986	40	13.9	6.4	21.5	31	12.1	0.0	48.4	94	31.3	29.0	33.6	26	9.2	0.0	55.7	75	33.5	18.0	49.1
65-74 years	125	135,876	30	24.3	0.0	79.8	13	10.1	0.0	53.1	44	37.5	34.9	40.1	14	8.2	0.0	37.7	24	19.9	0.0	59.2
75-79 years	23	30,185	10	52.5	0.0	100.0	4	23.3	0.0	92.2	6	18.1	0.0	100.0	1	2.0	0.0	14.2	2	4.0	0.0	27.9
never attended school	24	44,624	7	25.7	23.3	28.2	4	19.6	0.0	100.0	9	37.9	0.0	95.8	1	1.3	0.0	18.9	3	15.5	0.0	100.0
pratoon 1-6	693	1,502,229	128	18.1	15.1	21.1	72	9.5	3.8	15.2	252	34.7	30.9	38.6	65	9.5	0.0	32.2	176	28.2	4.4	52.0
matayoom 1-6	513	1,465,310	88	17.4	15.0	19.8	45	10.2	0.6	19.8	206	39.7	0.0	93.4	48	8.8	0.0	46.9	126	23.9	1.1	46.7
college/certificate	42	135,273	4	5.6	0.0	11.4	4	7.6	0.0	34.5	20	41.5	0.0	100.0	4	14.1	0.0	31.4	10	31.3	0.0	100.0
university or upper	106	250,811	17	17.4	0.0	46.7	11	11.0	8.2	13.7	36	33.2	16.4	49.9	19	17.7	0.0	38.1	23	20.7	10.1	31.4
no income	73	199,028	11	10.4	0.0	96.9	9	17.9	7.3	28.4	36	52.3	0.0	100.0	6	8.4	0.0	21.2	11	11.0	0.0	43.7
1-4,999 baht	256	577,437	52	20.1	10.6	29.6	26	8.2	0.0	29.2	99	36.3	0.0	92.3	22	12.5	0.0	58.4	57	22.8	2.4	43.3
5,000-9,999 baht	434	1,120,757	62	13.3	0.0	52.7	51	12.9	0.0	43.6	153	32.2	0.0	77.6	47	11.0	0.0	52.6	121	30.6	25.7	35.5
10,000 baht upper	494	1,213,194	79	16.5	0.0	42.9	41	7.5	0.0	20.2	193	41.0	40.5	41.4	57	9.2	0.0	24.2	124	25.8	2.3	49.3

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 11 injury
Table 11.2 In the last 12 months, How often did you use helmet when you were a motorcycle passenger? (HELMETPA)

			Never				Rarely				Sometimes				Almost every time				Every time			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,490	3,393,854	693	47.5	0.0	100.0	173	10.8	0.7	20.8	377	24.7	0.0	90.1	62	4.5	3.9	5.0	185	12.6	4.9	20.3
municipal area	756	1,100,830	348	47.4	7.4	87.5	87	11.0	0.0	27.6	195	25.1	0.0	73.5	35	4.5	0.0	13.7	91	12.0	0.0	27.8
out municipal area	734	2,293,024	345	47.5	0.0	100.0	86	10.6	3.4	17.8	182	24.6	0.0	98.4	27	4.5	0.9	8.1	94	12.9	0.0	31.2
male	697	1,508,807	332	49.9	0.0	100.0	85	11.2	0.0	42.9	168	23.3	0.0	69.4	28	4.6	0.0	20.3	84	11.1	0.0	36.0
female	793	1,885,047	361	45.5	0.0	100.0	88	10.4	2.8	17.9	209	25.9	0.0	100.0	34	4.4	0.0	18.0	101	13.8	0.0	48.4
15-24 years	235	705,322	130	56.6	0.0	100.0	18	9.0	8.0	10.1	57	22.2	0.0	99.9	15	7.3	4.8	9.8	15	4.9	0.4	9.5
25-34 years	202	622,810	89	42.6	0.0	100.0	18	8.8	2.0	15.6	58	28.3	0.0	100.0	10	4.8	0.0	12.3	27	15.4	12.5	18.4
35-44 years	213	560,039	88	43.7	24.8	62.6	27	11.6	7.5	15.6	56	25.3	0.0	64.9	7	3.5	0.0	10.6	35	16.0	0.0	39.8
45-54 years	243	603,946	113	48.5	0.0	100.0	22	8.1	2.6	13.6	65	26.2	0.0	73.3	12	3.8	0.0	21.5	31	13.4	0.0	29.7
55-64 years	302	528,229	128	40.7	0.0	100.0	39	12.6	0.0	73.3	82	26.3	0.0	68.7	6	2.9	0.0	16.9	47	17.5	0.0	41.2
65-74 years	228	282,976	98	46.2	0.0	100.0	41	18.6	0.0	39.8	54	22.1	0.0	98.6	9	3.7	0.0	19.8	26	9.4	0.0	40.6
75-79 years	67	90,532	47	68.6	0.0	100.0	8	14.5	2.6	26.5	5	6.4	0.0	68.5	3	2.9	0.0	8.9	4	7.6	0.0	58.5
never attended school	66	109,887	38	55.4	0.0	100.0	10	18.7	0.0	100.0	13	19.9	0.0	96.3	1	0.7	0.0	9.0	4	5.3	0.0	58.3
pratoon 1-6	819	1,610,183	377	46.8	0.0	100.0	109	11.6	0.0	30.6	190	22.6	0.0	86.9	29	3.7	0.0	10.0	114	15.4	0.0	39.8
matayoom 1-6	476	1,364,145	224	49.0	0.0	100.0	42	8.1	0.0	23.8	139	27.3	0.0	100.0	24	5.6	0.0	16.2	47	10.0	2.6	17.5
college/certificate	33	96,161	13	37.1	0.0	100.0	5	22.7	0.0	100.0	10	32.3	30.2	34.4	0	0.0	0.0	0.0	5	7.9	4.5	11.4
university or upper	96	213,478	41	43.0	0.0	89.2	7	12.3	5.8	18.8	25	23.5	0.0	70.1	8	7.5	0.8	14.3	15	13.7	0.9	26.4
no income	95	212,302	47	48.3	0.0	100.0	12	11.2	9.1	13.3	26	31.3	0.0	100.0	3	2.6	0.0	28.1	7	6.6	0.0	39.4
1-4,999 baht	381	786,173	194	50.6	0.0	100.0	55	14.5	8.2	20.8	79	19.0	0.0	100.0	18	6.9	6.3	7.6	35	9.0	0.0	19.5
5,000-9,999 baht	448	1,092,034	188	42.7	0.0	100.0	49	10.5	5.9	15.1	117	25.2	0.0	92.4	17	4.0	0.0	17.5	77	17.6	0.0	56.1
10,000 baht upper	445	1,031,110	190	44.9	0.0	100.0	46	9.0	0.0	45.1	131	29.1	0.0	86.7	21	4.1	0.0	17.1	57	12.9	5.5	20.3

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 11 injury
Table 11.3 In the past 12 months, how often did you fasten safety belt when you drove a car? (SEATBELT)

			Never				Rarely				Sometimes				Almost every time				Every time			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	725	1,858,386	50	6.6	6.3	6.9	33	4.6	0.0	14.1	164	24.5	10.4	38.6	67	8.8	2.4	15.2	411	55.5	54.0	57.0
municipal area	356	591,930	23	6.4	6.1	6.6	19	4.8	3.7	5.8	71	19.0	0.0	69.5	28	6.7	0.0	24.2	215	63.1	31.4	94.8
out municipal area	369	1,266,456	27	6.7	6.4	7.1	14	4.6	0.0	17.8	93	27.0	17.7	36.3	39	9.8	6.1	13.5	196	51.9	26.0	77.8
male	531	1,288,874	32	5.5	0.3	10.8	20	3.9	0.0	16.0	123	26.1	15.0	37.2	53	9.2	2.5	16.0	303	55.2	52.7	57.7
female	194	569,512	18	9.1	5.0	13.2	13	6.3	5.2	7.4	41	20.7	10.2	31.2	14	7.8	0.0	16.2	108	56.1	55.2	56.9
15-24 years	107	350,861	12	10.8	6.6	15.0	7	3.6	0.0	11.2	38	38.1	3.4	72.8	11	13.4	0.4	26.3	39	34.1	24.1	44.0
25-34 years	139	430,497	6	3.1	0.0	12.6	5	3.6	0.0	22.3	36	26.2	19.2	33.2	11	6.5	0.0	31.4	81	60.6	19.6	100.0
35-44 years	151	435,442	8	7.1	0.0	15.2	11	8.7	0.0	44.0	35	22.3	0.0	77.6	15	8.4	0.0	62.1	82	53.4	11.7	95.1
45-54 years	137	345,773	6	4.2	0.0	9.9	2	2.7	0.0	16.5	20	16.4	0.0	36.6	12	8.0	7.8	8.3	97	68.7	68.3	69.0
55-64 years	137	236,751	10	7.4	5.1	9.6	5	3.3	0.0	27.5	22	17.4	6.2	28.6	14	9.0	0.0	20.3	86	63.0	40.9	85.0
65-74 years	46	50,401	5	11.4	0.0	87.8	3	5.2	0.0	21.6	12	24.1	6.7	41.6	2	3.4	0.0	37.7	24	55.9	12.9	99.0
75-79 years	8	8,659	3	41.5	0.0	100.0	0	0.0	0.0	0.0	1	8.1	0.0	96.4	2	15.5	0.0	100.0	2	34.9	0.0	100.0
never attended school	6	8,822	0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	43.2	0.0	100.0	0	0.0	0.0	0.0	3	56.8	0.0	100.0
pratoon 1-6	310	701,792	28	9.8	0.0	27.1	18	6.6	0.0	27.7	61	20.7	0.0	75.2	28	7.7	0.0	32.0	175	55.1	46.9	63.4
matayoom 1-6	294	850,027	18	4.9	3.1	6.7	14	4.6	0.0	14.8	80	28.3	20.7	35.9	30	11.0	10.2	11.7	152	51.2	36.0	66.5
college/certificate	23	85,143	2	8.4	0.0	100.0	0	0.0	0.0	0.0	6	39.6	0.0	100.0	1	1.2	0.0	16.6	14	50.8	47.8	53.7
university or upper	92	212,603	2	2.4	0.0	16.8	1	0.4	0.0	6.0	14	14.5	9.8	19.2	8	7.4	0.0	17.7	67	75.4	69.1	81.6
no income	20	55,530	3	10.5	0.0	81.7	2	2.5	0.0	7.0	2	10.8	0.0	100.0	1	7.2	0.0	76.1	12	69.0	55.5	82.5
1-4,999 baht	89	206,464	11	8.1	0.0	26.4	8	10.5	0.0	93.9	15	18.3	0.0	44.2	10	16.5	0.4	32.5	45	46.7	0.0	100.0
5,000-9,999 baht	204	592,546	8	4.5	0.3	8.6	9	5.8	0.0	12.6	41	21.4	0.0	52.9	22	9.1	0.0	19.0	124	59.2	20.3	98.1
10,000 baht upper	348	856,646	19	5.9	2.6	9.2	12	2.9	0.0	11.2	87	26.8	15.4	38.2	31	7.9	0.0	22.9	199	56.6	41.7	71.4

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 11 injury
Table11.4 How often did you feasten safety belt when you sat beside a driver in a car?(SEATBEPA)

			Never				Rarely				Sometimes				Almost every time				Every time			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,613	3,716,943	221	14.7	6.6	22.9	126	7.5	1.0	14.0	389	24.6	11.8	37.3	109	7.2	0.0	17.1	768	45.9	28.5	63.4
municipal area	788	1,172,824	96	12.2	0.0	49.3	75	9.1	4.5	13.8	191	24.8	0.0	67.1	46	5.9	0.0	17.6	380	48.0	0.0	100.0
out municipal area	825	2,544,119	125	15.9	8.3	23.5	51	6.8	0.0	15.6	198	24.5	23.8	25.2	63	7.8	0.0	18.1	388	45.0	35.2	54.8
male	807	1,775,833	110	16.7	12.5	20.8	63	6.8	1.9	11.7	194	23.8	15.3	32.4	59	8.0	6.8	9.1	381	44.7	35.8	53.7
female	806	1,941,110	111	13.0	0.0	32.2	63	8.2	0.2	16.2	195	25.3	0.0	57.6	50	6.5	0.0	24.5	387	47.0	5.4	88.7
15-24 years	233	711,086	44	22.0	0.0	60.1	16	6.7	0.0	27.2	85	33.1	31.8	34.3	20	11.2	0.0	24.9	68	27.0	24.3	29.6
25-34 years	227	699,103	34	12.7	0.0	31.6	16	6.2	0.0	19.9	69	30.1	0.0	61.8	18	7.9	0.0	27.1	90	43.0	23.0	63.1
35-44 years	239	656,383	34	18.5	13.9	23.1	16	7.4	0.0	18.8	52	19.9	0.0	48.3	18	6.3	3.6	9.0	119	48.0	29.2	66.7
45-54 years	255	645,584	26	10.1	7.9	12.3	22	7.8	0.0	68.3	41	17.0	15.0	19.0	18	6.8	0.0	27.6	148	58.3	18.7	97.9
55-64 years	338	602,524	32	8.1	0.0	40.8	29	9.5	0.9	18.0	75	22.9	0.0	85.6	12	3.1	0.0	19.4	190	56.4	34.2	78.7
65-74 years	240	294,378	33	15.4	0.0	63.2	18	6.4	2.1	10.7	53	23.0	0.0	58.6	17	6.8	0.0	22.2	119	48.3	0.0	100.0
75-79 years	81	107,884	18	19.9	5.5	34.4	9	13.1	0.0	95.3	14	20.7	0.0	100.0	6	8.0	0.0	77.8	34	38.2	0.0	93.8
never attended school	55	84,471	14	20.8	0.0	100.0	6	14.9	0.0	73.2	13	25.2	0.0	89.2	2	2.4	1.1	3.7	20	36.7	0.0	100.0
pratoon 1-6	881	1,760,462	104	12.9	0.0	26.5	77	8.4	2.9	14.0	182	21.1	0.0	61.2	52	5.0	0.0	20.9	466	52.6	36.5	68.6
matayoom 1-6	513	1,460,234	83	17.3	3.1	31.6	31	6.1	5.0	7.3	155	28.5	17.8	39.3	40	10.1	3.4	16.9	204	37.9	18.5	57.3
college/certificate	36	114,870	7	14.5	0.0	100.0	3	8.5	0.0	45.3	10	35.0	0.0	100.0	2	2.1	0.0	26.1	14	39.8	36.2	43.4
university or upper	128	296,905	13	11.2	5.9	16.5	9	6.6	5.8	7.4	29	21.4	0.0	51.8	13	9.4	0.0	20.5	64	51.4	38.3	64.5
no income	101	236,477	18	17.2	0.0	77.5	8	8.5	0.0	89.9	26	28.4	0.0	100.0	6	8.6	0.0	39.4	43	37.4	0.0	100.0
1-4,999 baht	371	732,389	61	16.2	0.0	54.9	41	11.4	0.0	28.8	73	21.4	17.2	25.6	21	7.8	0.0	45.3	175	43.2	31.1	55.3
5,000-9,999 baht	461	1,152,374	54	12.6	0.0	27.2	39	8.2	0.7	15.6	101	21.1	0.0	47.8	35	8.0	0.2	15.8	232	50.2	37.7	62.6
10,000 baht upper	544	1,288,754	52	10.8	8.4	13.2	29	4.6	0.0	25.3	146	28.3	18.4	38.2	44	7.2	1.4	13.0	273	49.0	46.4	51.7

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 12 Muscle and skeleton pain due to occupational work
Table 12.1 In the past 30 days, do you have muscle pain or skeleton pain due to your occupations? (MUSSKELE)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,359	3,216,579	866	60.9	12.4	100.0	493	39.1	0.0	87.6
municipal area	673	1,040,825	427	60.5	45.3	75.8	246	39.5	24.2	54.7
out municipal area	686	2,175,755	439	61.1	0.0	100.0	247	38.9	0.0	100.0
male	737	1,664,208	463	59.1	9.7	100.0	274	40.9	0.0	90.3
female	622	1,552,371	403	62.8	14.6	100.0	219	37.2	0.0	85.4
15-24 years	121	373,346	67	51.1	0.0	100.0	54	48.9	0.0	100.0
25-34 years	216	669,141	108	51.5	47.9	55.0	108	48.5	45.0	52.1
35-44 years	240	655,894	148	62.6	33.4	91.9	92	37.4	8.1	66.6
45-54 years	291	744,407	199	65.5	0.0	100.0	92	34.5	0.0	100.0
55-64 years	304	537,461	216	69.2	19.1	100.0	88	30.8	0.0	80.9
65-74 years	154	188,000	108	68.0	24.1	100.0	46	32.0	0.0	75.9
75-79 years	33	48,331	20	52.6	0.0	100.0	13	47.4	0.0	100.0
never attended school	44	88,602	30	52.6	0.0	100.0	14	47.4	0.0	100.0
pratoon 1-6	770	1,617,005	533	66.3	28.3	100.0	237	33.7	0.0	71.7
matayoom 1-6	409	1,145,778	236	56.5	0.0	100.0	173	43.5	0.0	100.0
college/certificate	28	107,763	18	64.4	37.8	90.9	10	35.6	9.1	62.2
university or upper	108	257,431	49	47.6	13.8	81.3	59	52.4	18.7	86.2
no income	6	14,109	1	6.0	6.0	6.0	5	94.0	94.0	94.0
1-4,999 baht	206	457,812	134	59.1	26.4	91.8	72	40.9	8.2	73.6
5,000-9,999 baht	486	1,189,485	306	60.5	4.1	100.0	180	39.5	0.0	95.9
10,000 baht upper	558	1,331,291	362	62.5	1.3	100.0	196	37.5	0.0	98.7

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 13 Women (female aged 35 -79 years)
Table 13.1 When were the last time, you received a cervix cancer screening? (LASTPAP)

			Within 1 year				Over 2 to 3 years ago				More than 3 years				Never			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	648	1,347,168	236	40.0	0.0	100.0	61	11.5	8.8	14.1	132	19.0	0.0	42.2	219	29.6	0.0	100.0
municipal area	337	468,357	115	32.2	0.0	100.0	27	9.3	0.0	20.4	71	20.3	16.6	24.0	124	38.2	0.0	100.0
out municipal area	311	878,811	121	44.2	0.0	100.0	34	12.6	11.1	14.1	61	18.3	0.0	54.0	95	25.0	0.0	100.0
female	648	1,347,168	236	40.0	0.0	100.0	61	11.5	8.8	14.1	132	19.0	0.0	42.2	219	29.6	0.0	100.0
35-44 years	119	329,877	57	42.7	0.0	100.0	14	14.1	0.0	66.1	21	18.1	0.0	63.2	27	25.2	0.0	100.0
45-54 years	160	427,150	90	56.9	0.0	100.0	14	11.4	0.0	65.3	27	16.0	0.0	40.3	29	15.7	0.0	90.8
55-64 years	190	346,986	70	37.2	0.0	100.0	21	12.8	0.0	28.0	44	20.9	0.0	56.8	55	29.1	0.0	100.0
65-74 years	134	177,329	19	14.5	0.3	28.8	10	7.0	0.0	16.5	33	25.9	0.0	100.0	72	52.6	0.0	100.0
75-79 years	45	65,827	0	0.0	0.0	0.0	2	3.9	0.0	12.2	7	14.6	0.0	38.6	36	81.5	49.2	100.0
never attended school	59	98,701	16	38.7	35.8	41.7	4	6.3	0.0	20.8	10	16.2	14.7	17.8	29	38.8	28.7	48.8
pratoon 1-6	474	958,135	177	41.1	0.0	100.0	48	12.8	0.0	34.6	95	18.4	0.0	73.3	154	27.8	0.0	100.0
matayoom 1-6	81	214,644	30	36.9	0.0	100.0	5	8.1	0.0	79.0	22	25.0	0.0	100.0	24	30.0	0.0	100.0
college/certificate	8	15,666	3	40.4	0.0	100.0	0	0.0	0.0	0.0	2	18.5	0.0	100.0	3	41.2	0.0	100.0
university or upper	26	60,022	10	36.1	0.0	74.2	4	14.4	0.0	64.7	3	11.1	0.0	32.6	9	38.4	0.0	100.0
no income	45	94,591	14	29.4	0.0	100.0	6	18.9	0.0	62.4	12	26.6	0.0	58.1	13	25.1	0.0	100.0
1-4,999 baht	201	355,268	51	30.5	16.2	44.9	18	7.8	0.0	30.3	40	20.6	0.0	64.4	92	41.0	5.3	76.7
5,000-9,999 baht	194	439,302	77	44.7	0.0	99.4	22	16.7	0.0	51.4	42	16.3	0.0	52.4	53	22.3	0.0	100.0
10,000 baht upper	173	400,362	77	43.8	0.0	100.0	11	6.3	0.0	14.2	35	20.2	13.0	27.5	50	29.6	0.0	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 13 Women (female aged 35 -79 years)
Table 13.2 When were the last time, you received a cervix cancer screening? (LASTPAP_3y)

			Within 3 years				Over 4 to 5 years				Never			
variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	648	1,347,168	343	59.0	0.0	100.0	86	11.4	6.3	16.5	219	29.6	0.0	100.0
municipal area	337	468,357	163	47.3	0.0	100.0	50	14.6	12.9	16.3	124	38.2	0.0	100.0
out municipal area	311	878,811	180	65.3	0.0	100.0	36	9.7	6.0	13.5	95	25.0	0.0	100.0
female	648	1,347,168	343	59.0	0.0	100.0	86	11.4	6.3	16.5	219	29.6	0.0	100.0
35-44 years	119	329,877	80	65.9	0.0	100.0	12	8.9	0.0	53.4	27	25.2	0.0	100.0
45-54 years	160	427,150	116	76.7	0.0	100.0	15	7.6	0.0	51.0	29	15.7	0.0	90.8
55-64 years	190	346,986	107	56.9	0.0	100.0	28	13.9	0.0	33.0	55	29.1	0.0	100.0
65-74 years	134	177,329	38	28.3	0.0	65.8	24	19.2	0.0	84.8	72	52.6	0.0	100.0
75-79 years	45	65,827	2	3.9	0.0	12.2	7	14.6	0.0	38.6	36	81.5	49.2	100.0
never attended school	59	98,701	23	48.5	46.3	50.6	7	12.7	4.8	20.7	29	38.8	28.7	48.8
pratoon 1-6	474	958,135	262	62.7	0.0	100.0	58	9.5	0.0	25.6	154	27.8	0.0	100.0
matayoom 1-6	81	214,644	41	51.3	0.0	100.0	16	18.7	0.0	100.0	24	30.0	0.0	100.0
college/certificate	8	15,666	3	40.4	0.0	100.0	2	18.5	0.0	100.0	3	41.2	0.0	100.0
university or upper	26	60,022	14	50.5	0.0	100.0	3	11.1	0.0	32.6	9	38.4	0.0	100.0
no income	45	94,591	25	58.2	0.0	100.0	7	16.7	0.0	47.2	13	25.1	0.0	100.0
1-4,999 baht	201	355,268	77	43.3	13.8	72.8	32	15.7	9.5	21.9	92	41.0	5.3	76.7
5,000-9,999 baht	194	439,302	118	69.5	0.0	100.0	23	8.2	2.1	14.3	53	22.3	0.0	100.0
10,000 baht upper	173	400,362	101	59.7	0.0	100.0	22	10.6	0.0	40.1	50	29.6	0.0	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 13 Women (female aged 35 -79 years)
Table 13.3 When were the last time, you received a breast examined by a doctor, a nurse, or public health personnel? (LSTBREEX)

			Within 1 year				Over 1 to 2 years				More than 2 years				Never			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	689	1,443,455	170	26.6	5.1	48.2	62	10.2	0.0	20.4	84	10.7	0.0	31.0	373	52.5	43.5	61.6
municipal area	354	502,479	88	26.4	20.2	32.6	30	8.1	4.1	12.2	44	11.6	0.0	27.0	192	53.9	40.6	67.2
out municipal area	335	940,976	82	26.7	0.0	56.2	32	11.3	0.0	27.7	40	10.2	0.0	31.8	181	51.8	43.1	60.6
female	689	1,443,455	170	26.6	5.1	48.2	62	10.2	0.0	20.4	84	10.7	0.0	31.0	373	52.5	43.5	61.6
35-44 years	125	349,974	40	31.2	0.0	66.6	13	10.3	0.0	47.3	9	6.0	0.0	21.6	63	52.6	35.4	69.8
45-54 years	171	456,198	54	31.3	28.5	34.2	17	13.1	0.0	56.2	20	11.2	0.0	40.3	80	44.4	27.5	61.3
55-64 years	205	382,034	50	24.8	0.0	72.9	21	10.1	0.0	64.1	29	13.2	0.0	32.7	105	51.9	26.4	77.3
65-74 years	141	187,057	21	16.0	0.0	58.6	9	4.6	0.0	14.5	23	14.9	0.0	38.6	88	64.5	55.4	73.7
75-79 years	47	68,193	5	11.4	0.0	34.5	2	5.6	0.0	47.8	3	5.2	0.0	58.4	37	77.8	43.6	100.0
never attended school	61	102,686	6	9.9	0.0	51.5	7	13.1	0.0	100.0	5	8.0	0.0	40.2	43	69.1	0.0	100.0
pratoon 1-6	503	1,023,692	128	27.1	0.0	56.2	47	11.4	11.1	11.7	71	12.5	0.0	36.7	257	49.0	43.9	54.2
matayoom 1-6	89	234,954	25	28.5	0.0	75.0	5	4.8	0.0	37.1	8	7.6	0.0	38.9	51	59.1	42.1	76.1
college/certificate	8	15,666	1	21.2	0.0	100.0	1	5.5	0.0	56.1	0	0.0	0.0	0.0	6	73.3	0.0	100.0
university or upper	28	66,457	10	39.4	1.3	77.5	2	7.3	0.0	36.7	0	0.0	0.0	0.0	16	53.3	0.0	100.0
no income	48	104,077	13	20.4	0.0	95.6	5	12.8	0.0	100.0	8	15.4	0.0	43.5	22	51.4	0.0	100.0
1-4,999 baht	215	385,031	44	23.2	21.1	25.3	16	8.2	0.0	28.1	35	13.7	9.4	17.9	120	55.0	28.6	81.3
5,000-9,999 baht	207	466,416	44	23.5	0.0	53.2	25	12.2	0.0	26.8	23	10.1	0.0	45.1	115	54.2	44.8	63.6
10,000 baht upper	182	422,638	55	30.8	1.7	59.9	13	9.0	0.0	23.9	18	9.0	0.0	20.1	96	51.3	48.2	54.4

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 13 Women (female aged 15 -49 years)
Table 13.4 How long the lastime did you use family planing or contraception such as IUD, injectable contraception,pill contraception, strerilization? (LASTFP)

			Within 1 year ago				Within 2 year ago				More than 2 years				Never			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	452	1,324,588	93	21.9	0.0	47.8	25	5.0	0.0	24.1	132	29.9	20.6	39.2	202	43.2	40.8	45.7
municipal area	222	414,008	41	17.3	6.9	27.7	12	4.1	0.0	17.2	61	27.4	0.0	70.9	108	51.2	4.9	97.6
out municipal area	230	910,580	52	24.0	0.0	61.8	13	5.5	0.0	26.2	71	31.0	22.1	39.9	94	39.6	13.6	65.5
female	452	1,324,588	93	21.9	0.0	47.8	25	5.0	0.0	24.1	132	29.9	20.6	39.2	202	43.2	40.8	45.7
15-24 years	122	363,192	21	18.5	0.0	68.6	5	5.8	0.0	48.1	5	3.3	0.0	24.3	91	72.4	43.7	100.0
25-34 years	128	412,996	35	29.8	0.0	100.0	5	2.9	0.0	32.9	36	27.0	0.0	100.0	52	40.4	22.1	58.6
35-44 years	123	344,832	29	23.6	0.0	100.0	6	4.2	0.0	17.1	57	48.9	0.0	100.0	31	23.3	18.7	27.9
45-49 years	79	203,568	8	8.9	0.0	47.7	9	9.5	0.0	43.0	34	51.0	0.0	100.0	28	30.7	0.0	98.7
never attended school	4	7,825	0	0.0	0.0	0.0	1	7.1	0.0	100.0	2	68.2	0.0	100.0	1	24.7	0.0	100.0
pratoon 1-6	142	396,514	33	23.4	0.0	57.6	7	5.1	0.0	10.2	59	45.0	44.5	45.5	43	26.5	0.0	66.3
matayoom 1-6	227	714,377	45	20.6	0.0	61.2	12	4.9	0.0	27.1	64	27.6	11.5	43.6	106	46.9	44.6	49.2
college/certificate	10	33,059	2	38.3	0.0	100.0	1	5.6	0.0	53.9	0	0.0	0.0	0.0	7	56.1	0.0	100.0
university or upper	69	172,813	13	21.3	0.0	72.1	4	5.2	0.0	35.2	7	8.7	7.2	10.2	45	64.8	42.5	87.1
no income	41	120,784	9	21.8	8.1	35.5	3	2.9	0.0	11.9	10	27.3	0.0	100.0	19	48.1	0.0	100.0
1-4,999 baht	70	215,727	6	9.3	0.0	45.8	4	5.1	0.0	67.7	17	27.3	0.0	77.5	43	58.3	34.2	82.4
5,000-9,999 baht	162	466,854	37	24.6	8.3	40.9	10	6.2	0.0	17.1	47	29.7	0.0	66.0	68	39.5	30.4	48.6
10,000 baht upper	147	435,001	35	25.7	0.0	55.4	6	3.9	0.0	26.8	50	33.2	0.0	69.3	56	37.3	8.0	66.5

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 2 Accessibitity to health services
Table 2.1 Do you have universal covergae for health insurance? (HLTINHS)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,855	4,208,476	1,511	82.5	37.9	100.0	344	17.5	0.0	62.1
municipal area	923	1,360,535	702	72.9	42.7	100.0	221	27.1	0.0	57.3
out municipal area	932	2,847,941	809	87.1	46.9	100.0	123	12.9	0.0	53.1
male	930	2,029,084	753	82.5	24.7	100.0	177	17.5	0.0	75.3
female	925	2,179,392	758	82.6	50.2	100.0	167	17.4	0.0	49.8
15-39 years	607	1,859,841	476	80.0	10.8	100.0	131	20.0	0.0	89.2
40-59 years	629	1,563,195	516	84.3	69.1	99.6	113	15.7	0.4	30.9
60-79 years	619	785,439	519	84.9	46.2	100.0	100	15.1	0.0	53.8
never attended school	75	125,110	70	96.8	74.5	100.0	5	3.2	0.0	25.5
pratoon 1-6	1045	2,054,507	901	86.6	60.8	100.0	144	13.4	0.0	39.2
matayoom 1-6	561	1,586,730	449	83.6	39.1	100.0	112	16.4	0.0	60.9
college/certificate	44	133,121	27	63.6	0.0	100.0	17	36.4	0.0	100.0
university or upper	130	309,007	64	52.8	40.1	65.4	66	47.2	34.6	59.9
no income	107	251,823	95	87.6	8.2	100.0	12	12.4	0.0	91.8
1-4,999 baht	456	894,941	405	90.7	51.0	100.0	51	9.3	0.0	49.0
5,000-9,999 baht	544	1,312,731	449	82.0	70.9	93.1	95	18.0	6.9	29.1
10,000 baht upper	595	1,415,245	433	75.4	12.9	100.0	162	24.596	0.0	87.1

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 2 Accessibitity to health services
Table 2.2 Do you have social security for health insurance? (HLTHINSS)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,856	4,209,702	196	13.0	0.0	65.4	1,660	87.0	34.6	100.0
municipal area	924	1,361,761	116	16.9	0.0	60.6	808	83.1	39.4	100.0
out municipal area	932	2,847,941	80	11.1	0.0	63.1	852	88.9	36.9	100.0
male	930	2,029,084	107	14.6	0.0	91.9	823	85.4	8.1	100.0
female	926	2,180,618	89	11.5	0.0	40.9	837	88.5	59.1	100.0
15-39 years	607	1,859,841	113	19.5	0.0	100.0	494	80.5	0.0	100.0
40-59 years	629	1,563,195	64	10.1	0.0	21.0	565	89.9	79.0	100.0
60-79 years	620	786,665	19	3.3	0.0	28.0	601	96.7	72.0	100.0
never attended school	75	125,110	0	0.0	0.0	0.0	75	100.0	100.0	100.0
pratoon 1-6	1046	2,055,733	66	8.3	0.0	35.9	980	91.7	64.1	100.0
matayoom 1-6	561	1,586,730	87	15.9	0.0	84.1	474	84.1	15.9	100.0
college/certificate	44	133,121	9	31.0	0.0	100.0	35	69.0	0.0	100.0
university or upper	130	309,007	34	26.5	0.0	58.6	96	73.5	41.4	100.0
no income	108	253,049	6	8.0	0.0	50.3	102	92.0	49.7	100.0
1-4,999 baht	456	894,941	20	4.3	0.0	28.5	436	95.7	71.5	100.0
5,000-9,999 baht	544	1,312,731	65	14.6	0.0	42.8	479	85.4	57.2	100.0
10,000 baht upper	595	1,415,245	96	19.8	0.0	100.0	499	80.2	0.0	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 2 Accessibitity to health services
Table 2.3 Do you have private insurance for health insurance? (HLTHINPRI)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,856	4,209,702	118	7.3	0.0	26.5	1,738	92.7	73.5	100.0
municipal area	924	1361761	66	9.6	0.0	41.3	858	90.4	58.7	100.0
out municipal area	932	2847941	52	6.2	0.0	16.7	880	93.8	83.3	100.0
male	930	2029084	66	8.5	0.0	22.6	864	91.5	77.4	100.0
female	926	2180618	52	6.3	0.0	30.3	874	93.7	69.7	100.0
15-39 years	607	1859841	54	8.5	2.3	14.6	553	91.5	85.4	97.7
40-59 years	629	1563195	45	7.8	0.0	42.3	584	92.2	57.7	100.0
60-79 years	620	786665	19	3.7	0.0	16.2	601	96.3	83.8	100.0
never attended school	75	125110	1	1.1	0.0	12.3	74	98.9	87.7	100.0
pratoon 1-6	1046	2055733	46	5.8	0.0	38.4	1000	94.2	61.6	100.0
matayoom 1-6	561	1586730	44	8.0	3.7	12.2	517	92.0	87.8	96.3
college/certificate	44	133121	2	3.8	1.0	6.7	42	96.2	93.3	99.0
university or upper	130	309007	25	18.5	3.4	33.5	105	81.5	66.5	96.6
no income	108	253049	7	7.2	0.0	57.5	101	92.8	42.5	100.0
1-4,999 baht	456	894941	17	5.1	1.5	8.7	439	94.9	91.3	98.5
5,000-9,999 baht	544	1312731	21	4.2	0.0	15.4	523	95.8	84.6	100.0
10,000 baht upper	595	1415245	66	12.3	0.0	42.2	529	87.7	57.8	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 2 Accessibitity to health services
Table 2.4 Do you have government welfare for health insurance? (HLTHINCIV)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overal	1,856	4,209,702	113	4.2	1.6	6.9	1743	95.8	93.1	98.4
municipal area	924	1,361,761	72	6.5	0.0	20.5	852	93.5	79.5	100.0
out municipal area	932	2,847,941	41	3.2	0.0	11.1	891	96.8	88.9	100.0
male	930	2,029,084	54	3.5	0.0	7.5	876	96.5	92.5	100.0
female	926	2,180,618	59	4.9	3.5	6.3	867	95.1	93.7	96.5
15-39 years	607	1,859,841	15	1.8	0.0	7.8	592	98.2	92.2	100.0
40-59 years	629	1,563,195	41	4.7	0.0	10.1	588	95.3	89.9	100.0
60-79 years	620	786,665	57	9.0	8.6	9.5	563	91.0	90.5	91.4
never attended school	75	125,110	3	1.7	0.0	8.1	72	98.3	91.9	100.0
pratoon 1-6	1046	2,055,733	58	4.3	0.9	7.6	988	95.7	92.4	99.1
matayoom 1-6	561	1,586,730	26	2.2	2.2	2.2	535	97.8	97.8	97.8
college/certificate	44	133,121	6	6.1	0.0	53.2	38	93.9	46.8	100.0
university or upper	130	309,007	20	15.1	0.0	49.2	110	84.9	50.8	100.0
no income	108	253,049	7	6.9	0.0	64.0	101	93.1	36.0	100.0
1-4,999 baht	456	894,941	20	2.8	0.0	9.3	436	97.2	90.7	100.0
5,000-9,999 baht	544	1,312,731	23	3.4	0.0	13.5	521	96.6	86.5	100.0
10,000 baht upper	595	1,415,245	55	5.9	1.7	10.0	540	94.1	90.0	98.3

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 2 Accessibitity to health services
Table 2.5 During the past 12 month, if you need to meet doctor to cure your illness but you did not come due to health expenditure problem or not? (MONEPROB)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,909	4,339,647	63	3.3	0.0	10.5	1846	96.7	89.5	100.0
municipal area	951	1,411,591	31	3.2	0.0	14.6	920	96.8	85.4	100.0
out municipal area	958	2,928,056	32	3.3	0.0	8.6	926	96.7	91.4	100.0
male	953	2,087,463	26	2.2	0.0	6.4	927	97.8	93.6	100.0
female	956	2,252,184	37	4.3	0.0	14.1	919	95.7	85.9	100.0
15-39 years	636	1,943,564	13	2.2	0.0	8.0	623	97.8	92.0	100.0
40-59 years	638	1,584,842	22	3.6	0.0	14.8	616	96.4	85.2	100.0
60-79 years	635	811,241	28	5.2	0.0	12.3	607	94.8	87.7	100.0
never attended school	79	132,257	9	9.8	0.0	26.3	70	90.2	73.7	100.0
pratoon 1-6	1,070	2,105,929	42	4.5	0.0	14.6	1028	95.5	85.4	100.0
matayoom 1-6	582	1,645,180	9	1.8	0.0	10.6	573	98.2	89.4	100.0
college/certificate	46	140,969	2	2.0	0.0	18.1	44	98.0	81.9	100.0
university or upper	132	315,313	1	0.5	0.0	3.4	131	99.5	96.6	100.0
no income	118	275,878	9	5.4	0.0	48.5	109	94.6	51.5	100.0
1-4,999 baht	470	928,624	19	4.1	0.0	31.5	451	95.9	68.5	100.0
5,000-9,999 baht	556	1,346,920	17	3.5	0.0	9.5	539	96.5	90.5	100.0
10,000 baht upper	605	1,436,230	14	2.4	0.0	5.1	591	97.6	94.9	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 2 Accessibitity to health services
Table 2.6 How long has it been since you last visited a doctor for rountine checkup? (CHECKUP)

			Within 1 year ago				Over 1 to 2 years ago				More than 2 years ago				Never			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,915	4,346,629	969	46.0	21.2	70.8	127	7.0	3.4	10.5	121	6.8	3.0	10.6	698	40.2	15.7	64.8
municipal area	956	1,416,876	462	43.5	23.3	63.7	54	5.2	0.0	15.5	65	7.3	0.0	20.5	375	44.0	40.7	47.4
out municipal area	959	2,929,754	507	47.2	22.9	71.4	73	7.8	0.0	16.2	56	6.6	5.3	7.9	323	38.4	4.5	72.3
male	958	2,093,832	447	41.1	34.4	47.7	70	8.1	4.6	11.5	70	7.9	6.1	9.8	371	42.9	37.9	48.0
female	957	2,252,797	522	50.5	0.0	100.0	57	5.9	2.6	9.3	51	5.8	0.0	11.6	327	37.8	0.0	90.6
15-39 years	639	1,950,215	238	36.0	35.6	36.4	40	7.1	2.0	12.2	47	7.2	0.0	20.4	314	49.7	42.0	57.5
40-59 years	638	1,583,357	326	49.9	28.5	71.3	38	6.5	4.1	8.9	44	7.1	5.3	8.9	230	36.5	10.9	62.2
60-79 years	638	813,057	405	62.4	8.9	100.0	49	7.6	6.5	8.7	30	5.4	0.0	16.2	154	24.7	0.0	90.1
never attended school	80	132,643	54	72.8	0.0	100.0	8	9.0	0.0	72.1	4	4.9	0.0	16.5	14	13.3	0.0	42.0
pratoon 1-6	1071	2,105,237	589	51.1	3.4	98.7	64	5.7	0.0	15.3	62	6.9	4.0	9.7	356	36.3	0.0	90.6
matayoom 1-6	584	1,649,155	241	38.5	5.7	71.4	49	9.0	7.2	10.9	38	5.9	0.3	11.5	256	46.5	21.1	72.0
college/certificate	46	140,969	20	43.5	0.0	100.0	1	4.5	0.0	57.8	5	6.9	5.9	8.0	20	45.0	0.0	100.0
university or upper	134	318,625	65	40.7	0.0	100.0	5	4.7	0.0	32.4	12	11.9	0.0	48.4	52	42.8	26.0	59.5
no income	120	278,413	44	35.8	29.6	41.9	11	8.1	6.5	9.7	6	3.4	0.0	11.4	59	52.7	40.2	65.3
1-4,999 baht	472	933,334	256	48.2	13.3	83.2	36	7.4	1.1	13.6	28	7.4	0.0	16.4	152	36.9	17.3	56.6
5,000-9,999 baht	555	1,342,707	266	44.4	30.7	58.1	36	7.3	3.3	11.3	31	5.7	0.0	21.4	222	42.6	36.6	48.6
10,000 baht upper	608	1,440,179	310	47.0	5.1	89.0	38	6.9	0.0	18.8	45	8.3	0.0	21.8	215	37.8	0.0	78.2

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 2 Accessibitity to health services
Table 2.7 How long has it been since you last visit a dentist or dental health technician for an oral health examination? (LASTDENT)

			Within 1 year				Over 1 to 2 years				More than 2 years				Never			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,913	4,345,457	436	23.8	14.0	33.5	158	8.5	0.0	22.9	311	14.6	1.3	27.8	1,008	53.2	35.2	71.1
municipal area	955	1,417,028	228	25.0	20.1	29.9	78	8.4	0.0	17.1	166	15.8	10.2	21.3	483	50.9	49.2	52.6
out municipal area	958	2,928,429	208	23.2	12.4	33.9	80	8.6	0.0	25.5	145	14.0	0.0	37.7	525	54.3	24.3	84.2
male	957	2,092,515	179	20.2	10.0	30.4	76	7.9	0.0	28.8	164	14.5	10.6	18.3	538	57.4	42.8	72.0
female	956	2,252,942	257	27.0	18.7	35.4	82	9.1	0.6	17.6	147	14.7	0.0	36.7	470	49.2	27.0	71.5
15-39 years	640	1,952,484	177	27.1	9.0	45.2	55	7.7	2.3	13.1	81	11.5	0.0	45.1	327	53.8	0.0	100.0
40-59 years	638	1,583,422	136	22.1	0.0	69.9	55	9.8	0.0	36.0	108	17.1	0.0	40.9	339	51.0	5.6	96.4
60-79 years	635	809,550	123	18.9	10.1	27.8	48	8.0	0.0	21.0	122	17.0	0.0	46.8	342	56.1	4.5	100.0
never attended school	79	131,945	14	25.2	0.0	100.0	6	4.9	0.0	14.0	10	10.6	0.0	45.5	49	59.2	0.0	100.0
pratoon 1-6	1071	2,105,689	205	19.2	13.4	24.9	81	8.3	0.0	36.3	194	16.7	9.3	24.1	591	55.8	26.2	85.5
matayoom 1-6	584	1,650,890	139	23.4	13.9	33.0	49	8.2	2.2	14.2	90	13.0	0.0	41.9	306	55.3	29.9	80.7
college/certificate	46	140,969	13	36.5	0.0	100.0	7	17.0	0.0	37.9	4	5.1	0.0	27.3	22	41.4	0.0	100.0
university or upper	133	315,965	65	49.7	0.0	100.0	15	9.1	0.8	17.5	13	14.1	0.0	46.0	40	27.0	9.7	44.4
no income	120	278,413	25	19.3	6.9	31.6	7	8.4	0.0	75.1	28	23.8	6.4	41.1	60	48.6	0.0	100.0
1-4,999 baht	468	928,393	88	20.5	6.2	34.8	43	9.5	9.0	9.9	76	12.8	11.8	13.7	261	57.2	43.4	71.1
5,000-9,999 baht	558	1,349,137	124	23.1	19.8	26.4	53	9.9	0.0	23.5	93	14.8	0.0	49.2	288	52.1	0.9	100.0
10,000 baht upper	607	1,437,518	163	27.0	26.1	27.8	43	7.3	0.0	28.0	98	15.3	0.0	37.2	303	50.4	7.0	93.8

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 3 Weight and height
Table 3.1 How much is your BMI?

			BMI< 18kg/m^2				18 kg/m^2 < = BMI< 25.0 kg/m^2				25 <= BMI < 30.0 Kg/m^2				BMI >= 30 kg/m^2			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,910	4,334,357	162	9.7	9.0	10.5	990	51.8	43.4	60.1	520	25.1	20.4	29.8	238	13.4	9.1	17.8
municipal area	954	1,412,648	74	8.8	7.4	10.2	515	53.9	37.2	70.5	257	26.2	16.1	36.3	108	11.1	3.2	19.0
out municipal area	956	2,921,709	88	10.1	7.4	12.9	475	50.7	32.7	68.8	263	24.6	11.5	37.7	130	14.5	6.8	22.3
male	958	2,090,298	76	9.2	0.0	18.5	551	58.2	48.9	67.6	239	22.4	20.7	24.2	92	10.1	8.4	11.8
female	952	2,244,059	86	10.1	2.8	17.4	439	45.7	19.1	72.4	281	27.6	16.0	39.1	146	16.5	8.7	24.3
15-24 years	260	785,414	70	27.9	0.0	65.7	128	52.2	25.3	79.0	33	10.2	0.0	29.5	29	9.8	0.0	55.2
25-34 years	249	776,235	23	8.3	0.3	16.4	141	55.6	53.7	57.4	52	22.8	0.0	47.7	33	13.4	0.0	32.1
35-44 years	263	726,186	13	7.7	0.0	25.5	138	52.1	19.8	84.4	75	27.5	6.6	48.5	37	12.7	6.2	19.2
45-54 years	329	835,831	10	2.3	0.0	5.5	163	50.1	15.7	84.5	104	28.9	0.0	74.5	52	18.7	10.8	26.6
55-64 years	404	704,950	11	2.4	0.0	12.9	192	46.8	32.1	61.5	143	34.6	0.0	71.4	58	16.2	0.0	48.7
65-74 years	303	378,882	23	8.6	0.0	17.9	162	51.6	35.9	67.3	94	31.2	0.0	66.2	24	8.6	0.0	37.0
75-79 years	102	126,859	12	10.1	0.0	29.3	66	63.1	61.3	65.0	19	21.6	0.0	46.2	5	5.2	1.6	8.8
never attended school	78	130,186	5	5.2	0.1	10.4	37	39.2	35.9	42.6	25	41.1	19.4	62.9	11	14.4	0.0	37.9
pratoon 1-6	1070	2,100,588	66	6.3	0.0	16.6	543	50.4	41.4	59.5	326	28.7	20.1	37.2	135	14.6	4.8	24.4
matayoom 1-6	582	1,643,990	72	14.1	0.0	30.7	312	52.3	51.6	52.9	124	20.5	13.1	28.0	74	13.1	0.0	36.4
college/certificate	46	140,969	4	8.7	0.0	19.9	24	67.4	0.0	100.0	13	18.7	0.0	48.7	5	5.2	0.0	65.9
university or upper	134	318,625	15	11.6	0.0	41.1	74	56.1	47.6	64.7	32	21.5	14.3	28.8	13	10.7	0.0	41.6
no income	118	274,540	12	8.9	0.0	55.8	58	54.3	27.4	81.2	31	23.6	0.0	94.9	17	13.1	0.0	64.4
1-4,999 baht	470	926,069	53	13.7	0.0	34.6	232	48.8	31.9	65.7	130	24.4	24.1	24.6	55	13.1	9.4	16.9
5,000-9,999 baht	557	1,346,120	42	7.9	3.7	12.1	298	53.9	40.9	66.8	147	24.7	24.5	24.8	70	13.6	4.7	22.5
10,000 baht upper	605	1,435,632	39	7.8	2.6	13.0	315	51.5	44.4	58.7	170	26.0	19.2	32.8	81	14.6	0.0	33.8

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 4 Vegetable and fruit intake
Table 4.1 How many serving of fruit or vegtable did you eat in the past 7 days? (FRUIT&VEGET)

Variable	Frequency	WgtFreq	Adquate intake (average greater than 5 servings per day)				Inadquate intake (average lower than 5 servings per day)			
			Frequency	Percent	LowerCL	UpperCL	Frequency	Percent	LowerCL	UpperCL
overall	1,920	4,354,767	495	26.7	15.9	37.5	1,425	73.3	62.5	84.1
municipal area	960	1,423,334	253	27.6	3.3	51.8	707	72.4	48.2	96.7
out municipal area	960	2,931,433	242	26.3	0.0	53.3	718	73.7	46.7	100.0
male	960	2,095,540	235	25.9	0.0	53.0	725	74.1	47.0	100.0
female	960	2,259,227	260	27.5	0.0	73.2	700	72.5	26.8	100.0
15-24 years	263	792,849	78	32.3	0.0	83.2	185	67.7	16.8	100.0
25-34 years	249	776,235	70	29.8	0.0	100.0	179	70.2	0.0	100.0
35-44 years	263	726,186	83	28.9	27.0	30.8	180	71.1	69.2	73.0
45-54 years	331	839,381	96	27.3	7.7	46.8	235	72.7	53.2	92.3
55-64 years	407	711,558	91	20.9	18.0	23.8	316	79.1	76.2	82.0
65-74 years	305	381,698	64	18.7	3.9	33.5	241	81.3	66.5	96.1
75-79 years	102	126,859	13	14.6	0.0	96.3	89	85.4	3.7	100.0
never attended school	80	132,643	11	9.8	0.0	21.2	69	90.2	78.8	100.0
pratoon 1-6	1075	2,111,106	257	24.7	11.2	38.1	818	75.3	61.9	88.8
matayoom 1-6	585	1,651,424	163	28.2	27.9	28.6	422	71.8	71.4	72.1
college/certificate	46	140,969	15	37.5	0.0	100.0	31	62.5	0.0	100.0
university or upper	134	318,625	49	35.1	22.1	48.2	85	64.9	51.8	77.9
no income	120	278,413	32	23.7	0.0	67.6	88	76.3	32.4	100.0
1-4,999 baht	474	935,043	89	19.0	0.0	39.5	385	81.0	60.5	100.0
5,000-9,999 baht	558	1,349,137	161	31.2	24.8	37.6	397	68.8	62.4	75.2
10,000 baht upper	608	1,440,179	190	30.7	7.6	53.8	418	69.3	46.2	92.4

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 5 Tobacco
Table 5.1 Are you a smoker cigarettes?

Variable	Frequency	WgtFreq	Current smoker				Ex-smoker				Non-smoker			
			Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,916	4,347,245	390	20.5	10.0	31.0	190	7.6	5.7	9.6	1336	71.9	63.3	80.4
municipal area	958	1,422,264	187	17.6	14.3	20.9	102	9.2	5.7	12.7	669	73.2	73.0	73.4
out municipal area	958	2,924,981	203	21.9	7.9	35.9	88	6.9	4.0	9.8	667	71.2	60.1	82.3
male	958	2,092,412	366	39.8	17.4	62.2	171	13.9	9.5	18.2	421	46.3	19.5	73.0
female	958	2,254,834	24	2.6	0.0	8.1	19	1.8	0.0	11.2	915	95.6	80.7	100.0
15-24 years	263	792,849	44	15.7	0.7	30.7	12	4.5	3.4	5.5	207	79.9	65.9	93.8
25-34 years	249	776,235	53	22.4	0.0	58.6	14	4.1	0.0	12.0	182	73.6	45.2	100.0
35-44 years	263	726,186	57	23.3	0.0	74.3	18	6.4	0.0	21.3	188	70.3	34.3	100.0
45-54 years	331	839,381	72	22.0	0.0	49.0	21	5.4	5.2	5.6	238	72.6	45.4	99.8
55-64 years	405	707,452	90	21.7	4.6	38.8	55	12.8	2.3	23.3	260	65.5	37.9	93.0
65-74 years	303	378,283	55	16.3	0.0	46.5	49	15.5	10.7	20.2	199	68.2	42.8	93.7
75-79 years	102	126,859	19	19.4	0.0	54.7	21	18.2	0.0	54.5	62	62.5	61.5	63.5
never attended school	80	132,643	12	15.6	0.0	68.8	7	8.0	0.0	26.3	61	76.5	41.5	100.0
pratoon 1-6	1072	2,103,976	239	23.3	8.5	38.1	127	9.1	3.6	14.6	706	67.6	58.3	76.9
matayoom 1-6	585	1,651,424	120	20.1	17.0	23.2	45	6.2	3.0	9.4	420	73.7	73.6	73.9
college/certificate	46	140,969	9	16.0	4.6	27.4	5	7.8	0.0	77.7	32	76.2	0.0	100.0
university or upper	133	318,233	10	8.2	0.0	16.7	6	4.7	0.0	32.9	117	87.0	50.5	100.0
no income	120	278,413	17	10.2	9.8	10.6	11	6.7	0.0	20.7	92	83.2	69.5	96.8
1-4,999 baht	473	934,364	85	17.4	6.7	28.2	49	6.7	0.0	16.4	339	75.9	74.8	76.9
5,000-9,999 baht	557	1,346,400	110	21.2	5.5	36.8	57	7.7	0.0	16.6	390	71.1	46.5	95.8
10,000 baht upper	606	1,436,072	147	23.9	20.2	27.6	57	7.2	5.1	9.3	402	68.9	63.1	74.7

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 5 Tobacco
Table 5.2 During the past 12 months, have you stopped smoking for one day or longer because you are trying to quit smoking? (STOPSM1)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	383	870,654	182	49.5	32.0	67.0	201	50.5	33.0	68.0
municipal area	183	247,601	87	47.9	38.2	57.6	96	52.1	42.4	61.8
out municipal area	200	623,053	95	50.2	24.0	76.3	105	49.8	23.7	76.0
male	360	819,876	171	49.8	32.6	67.1	189	50.2	32.9	67.4
female	23	50,778	11	44.3	32.9	55.6	12	55.7	44.4	67.1
15-24 years	44	124,227	22	49.2	41.9	56.4	22	50.8	43.6	58.1
25-34 years	52	172,859	29	55.4	0.0	100.0	23	44.6	0.0	100.0
35-44 years	56	168,410	33	60.6	0.0	100.0	23	39.4	0.0	100.0
45-54 years	70	174,401	32	48.9	35.8	62.1	38	51.1	37.9	64.2
55-64 years	88	144,884	36	36.8	0.0	100.0	52	63.2	0.0	100.0
65-74 years	54	61,312	23	38.8	6.8	70.8	31	61.2	29.2	93.2
75-79 years	19	24,562	7	39.8	0.0	100.0	12	60.2	0.0	100.0
never attended school	12	20,628	4	57.4	0.0	100.0	8	42.6	0.0	100.0
pratoon 1-6	234	470,998	109	45.6	22.2	69.1	125	54.4	30.9	77.8
matayoom 1-6	118	330,323	60	53.4	0.0	100.0	58	46.6	0.0	100.0
college/certificate	9	22,533	4	46.4	0.0	100.0	5	53.6	0.0	100.0
university or upper	10	26,172	5	66.8	0.0	100.0	5	33.2	0.0	100.0
no income	16	21,243	10	74.1	0.0	100.0	6	25.9	0.0	100.0
1-4,999 baht	84	162,221	37	47.8	40.2	55.3	47	52.2	44.7	59.8
5,000-9,999 baht	108	283,955	56	52.2	19.4	85.1	52	47.8	14.9	80.6
10,000 baht upper	144	331,206	63	45.0	0.0	100.0	81	55.0	0.0	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 6 Alcohol
Table 6.1 During the past year, did you drink alcohol beverage such as wkiskky, beer, wine, etc.? (DRNKALC)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,920	4,354,767	564	31.1	16.0	46.2	1,356	68.9	53.8	84.0
municipal area	960	1,423,334	278	29.6	12.4	46.8	682	70.4	53.2	87.6
out municipal area	960	2,931,433	286	31.9	16.0	47.7	674	68.1	52.3	84.0
male	960	2,095,540	467	53.1	30.3	75.8	493	46.9	24.2	69.7
female	960	2,259,227	97	10.8	0.0	24.7	863	89.2	75.3	100.0
15-24 years	263	792,849	86	36.1	0.0	83.7	177	63.9	16.3	100.0
25-34 years	249	776,235	88	31.8	19.3	44.4	161	68.2	55.6	80.7
35-44 years	263	726,186	108	40.6	7.6	73.6	155	59.4	26.4	92.4
45-54 years	331	839,381	105	32.3	25.6	39.0	226	67.7	61.0	74.4
55-64 years	407	711,558	93	21.4	7.4	35.4	314	78.6	64.6	92.6
65-74 years	305	381,698	64	20.5	20.0	21.0	241	79.5	79.0	80.0
75-79 years	102	126,859	20	19.7	0.0	86.7	82	80.3	13.3	100.0
never attended school	80	132,643	13	15.0	13.9	16.0	67	85.0	84.0	86.1
pratoon 1-6	1075	2,111,106	292	29.4	14.4	44.4	783	70.6	55.6	85.6
matayoom 1-6	585	1,651,424	201	34.0	11.7	56.3	384	66.0	43.7	88.3
college/certificate	46	140,969	17	37.9	0.0	100.0	29	62.1	0.0	100.0
university or upper	134	318,625	41	31.3	0.3	62.3	93	68.7	37.7	99.7
no income	120	278,413	18	13.3	0.0	51.4	102	86.7	48.6	100.0
1-4,999 baht	474	935,043	95	21.0	5.4	36.7	379	79.0	63.3	94.6
5,000-9,999 baht	558	1,349,137	161	33.4	24.3	42.5	397	66.6	57.5	75.7
10,000 baht upper	608	1,440,179	250	39.8	18.9	60.7	358	60.2	39.3	81.1

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 6 Alcohol
Table 6.2 During the past 30 days, did you drink alcohol such as wkisky,beer, wine, or local beverage? (ALCOHOL30)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,917.00	4,350,916	507	28.2	9.2	47.1	1410	71.8	52.9	90.8
municipal area	959	1,422,214	248	26.5	4.4	48.6	711	73.5	51.4	95.6
out municipal area	958	2,928,703	259	28.9	9.7	48.2	699	71.1	51.8	90.3
male	957	2,091,690	427	49.2	25.3	73.0	530	50.8	27.0	74.7
female	960	2,259,227	80	8.7	0.0	28.6	880	91.3	71.4	100.0
15-24 years	263	792,849	77	33.0	0.0	91.0	186	67.0	9.0	100.0
25-34 years	249	776,235	84	29.3	1.0	57.5	165	70.7	42.5	99.0
35-44 years	262	724,566	99	38.3	5.8	70.8	163	61.7	29.2	94.2
45-54 years	331	839,381	95	29.1	19.6	38.7	236	70.9	61.3	80.4
55-64 years	406	710,437	80	18.1	6.7	29.6	326	81.9	70.4	93.3
65-74 years	304	380,588	54	16.4	7.1	25.6	250	83.6	74.4	92.9
75-79 years	102	126,859	18	18.3	0.0	70.9	84	81.7	29.1	100.0
never attended school	80	132,643	12	14.5	7.9	21.0	68	85.5	79.0	92.1
pratoon 1-6	1072	2,107,255	257	26.0	8.2	43.8	815	74.0	56.2	91.8
matayoom 1-6	585	1,651,424	186	31.7	0.0	67.7	399	68.3	32.3	100.0
college/certificate	46	140,969	14	32.0	0.0	100.0	32	68.0	0.0	100.0
university or upper	134	318,625	38	28.1	16.2	40.0	96	71.9	60.0	83.8
no income	120	278,413	15	10.5	0.0	36.9	105	89.5	63.1	100.0
1-4,999 baht	473	933,933	74	15.8	0.0	42.3	399	84.2	57.7	100.0
5,000-9,999 baht	556	1,346,396	146	31.1	27.9	34.3	410	68.9	65.7	72.1
10,000 baht upper	608	1,440,179	234	37.1	14.4	59.7	374	62.9	40.3	85.6

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 6 Alcohol
Table 6.3 During the past 30 days, how many time have you ever binge drink? (male: drink greater than 5 standard drinks per occasion or female drink greater than 4 standard drinks per occasion) (DRNKGES5)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,920	4,354,767	205	12.3	0.0	31.9	1,715	87.7	68.1	100.0
municipal area	960	1,423,334	103	11.1	0.0	22.6	857	88.9	77.4	100.0
out municipal area	960	2,931,433	102	12.8	0.0	37.7	858	87.2	62.3	100.0
male	960	2,095,540	182	21.7	0.0	52.3	778	78.3	47.7	100.0
female	960	2,259,227	23	3.5	0.0	15.4	937	96.5	84.6	100.0
15-24 years	263	792,849	48	20.8	0.0	51.0	215	79.2	49.0	100.0
25-34 years	249	776,235	39	13.5	0.0	50.6	210	86.5	49.4	100.0
35-44 years	263	726,186	44	17.6	0.0	39.4	219	82.4	60.6	100.0
45-54 years	331	839,381	37	11.3	0.0	49.9	294	88.7	50.1	100.0
55-64 years	407	711,558	23	4.1	2.2	5.9	384	95.9	94.1	97.8
65-74 years	305	381,698	12	2.9	1.8	4.0	293	97.1	96.0	98.2
75-79 years	102	126,859	2	1.8	0.0	20.7	100	98.2	79.3	100.0
never attended school	80	132,643	2	1.9	0.0	12.5	78	98.1	87.5	100.0
pratoon 1-6	1075	2,111,106	99	11.0	0.0	32.8	976	89.0	67.2	100.0
matayoom 1-6	585	1,651,424	82	14.7	0.0	41.8	503	85.3	58.2	100.0
college/certificate	46	140,969	4	14.9	0.0	34.0	42	85.1	66.0	100.0
university or upper	134	318,625	18	11.1	3.9	18.4	116	88.9	81.6	96.1
no income	120	278,413	9	7.9	0.0	30.7	111	92.1	69.3	100.0
1-4,999 baht	474	935,043	29	7.1	0.0	38.4	445	92.9	61.6	100.0
5,000-9,999 baht	558	1,349,137	67	15.5	1.1	30.0	491	84.5	70.0	98.9
10,000 baht upper	608	1,440,179	88	14.1	11.3	17.0	520	85.9	83.0	88.7

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 6 Alcohol
Table 6.4 During the past 30 days, have you ever had heavy drinking? (male: average greater 2 standard drinks per day or female : average greater 1 standard drink)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,920	4,354,767	167	8.6	2.5	14.6	1,753	91.4	85.4	97.5
municipal area	960	1,423,334	87	9.0	5.6	12.5	873	91.0	87.5	94.4
out municipal area	960	2,931,433	80	8.3	0.0	19.5	880	91.7	80.5	100.0
male	960	2,095,540	156	16.2	9.7	22.7	804	83.8	77.3	90.3
female	960	2,259,227	11	1.5	0.0	5.1	949	98.5	94.9	100.0
15-24 years	263	792,849	28	10.7	0.0	37.4	235	89.3	62.6	100.0
25-34 years	249	776,235	30	9.2	0.0	46.7	219	90.8	53.3	100.0
35-44 years	263	726,186	38	13.9	0.0	61.9	225	86.1	38.1	100.0
45-54 years	331	839,381	30	8.1	6.6	9.5	301	91.9	90.5	93.4
55-64 years	407	711,558	25	4.7	0.0	13.3	382	95.3	86.7	100.0
65-74 years	305	381,698	14	3.2	2.8	3.5	291	96.8	96.5	97.2
75-79 years	102	126,859	2	3.0	0.0	8.2	100	97.0	91.8	100.0
never attended school	80	132,643	2	1.6	0.0	8.7	78	98.4	91.3	100.0
pratoon 1-6	1075	2,111,106	81	7.2	0.0	16.3	994	92.8	83.7	100.0
matayoom 1-6	585	1,651,424	75	12.1	1.6	22.6	510	87.9	77.4	98.4
college/certificate	46	140,969	4	8.0	0.0	100.0	42	92.0	0.0	100.0
university or upper	134	318,625	5	2.1	0.0	15.9	129	97.9	84.1	100.0
no income	120	278,413	2	1.3	0.0	11.3	118	98.7	88.7	100.0
1-4,999 baht	474	935,043	23	4.0	1.8	6.2	451	96.0	93.8	98.2
5,000-9,999 baht	558	1,349,137	52	9.7	0.0	27.1	506	90.3	72.9	100.0
10,000 baht upper	608	1,440,179	77	11.9	0.0	24.0	531	88.1	76.0	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 7 Quality of life
Table 7.1 How about your mobility, your self-care, your usual activities, your pain or discomfort, anxiety or depression today? (QLIFE)

			No problem in all aspects				Have at least one problem			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,920	4,354,767	1,505	81.4	19.5	100.0	415	18.6	0.0	80.5
municipal area	960	1,423,334	771	83.7	33.1	100.0	189	16.3	0.0	66.9
out municipal area	960	2,931,433	734	80.3	15.5	100.0	226	19.7	0.0	84.5
male	960	2,095,540	777	84.4	26.1	100.0	183	15.6	0.0	73.9
female	960	2,259,227	728	78.5	12.6	100.0	232	21.5	0.0	87.4
15-24 years	263	792,849	251	95.7	65.3	100.0	12	4.3	0.0	34.7
25-34 years	249	776,235	226	90.6	48.9	100.0	23	9.4	0.0	51.1
35-44 years	263	726,186	223	85.1	43.7	100.0	40	14.9	0.0	56.3
45-54 years	331	839,381	261	76.6	0.0	100.0	70	23.4	0.0	100.0
55-64 years	407	711,558	281	69.6	10.6	100.0	126	30.4	0.0	89.4
65-74 years	305	381,698	203	65.6	29.0	100.0	102	34.4	0.0	71.0
75-79 years	102	126,859	60	58.9	45.7	72.1	42	41.1	27.9	54.3
never attended school	80	132,643	48	62.4	0.0	100.0	32	37.6	0.0	100.0
pratoon 1-6	1075	2,111,106	762	72.7	0.0	100.0	313	27.3	0.0	100.0
matayoom 1-6	585	1,651,424	526	90.5	48.6	100.0	59	9.5	0.0	51.4
college/certificate	46	140,969	45	97.6	68.9	100.0	1	2.4	0.0	31.1
university or upper	134	318,625	124	92.2	91.9	92.5	10	7.8	7.5	8.1
no income	120	278,413	87	71.2	0.0	100.0	33	28.8	0.0	100.0
1-4,999 baht	474	935,043	340	76.8	76.2	77.4	134	23.2	22.6	23.8
5,000-9,999 baht	558	1,349,137	451	83.0	0.0	100.0	107	17.0	0.0	100.0
10,000 baht upper	608	1,440,179	513	85.9	37.7	100.0	95	14.1	0.0	62.3

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 8 Choleterol
Table 8.1 How long do you have your blood lipid checked by health professional? (LASTCHOLES)

			Within past 1 year ago				Over 1 to 2 years ago				More than 2 years ago				Never			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,916	4,336,324	1,025	46.2	0.2	92.2	108	6.5	1.3	11.7	85	4.7	0.2	9.3	698	42.6	6.4	78.9
municipal area	958	1,419,192	489	44.3	21.7	67.0	51	5.8	0.0	15.2	45	4.2	0.3	8.0	373	45.7	36.2	55.1
out municipal area	958	2,917,132	536	47.1	0.0	100.0	57	6.8	2.9	10.7	40	5.0	0.0	10.6	325	41.1	0.0	87.0
male	960	2,095,540	468	40.7	35.7	45.7	54	6.6	0.8	12.4	47	4.9	0.0	10.9	391	47.8	31.0	64.6
female	956	2,240,783	557	51.3	0.0	100.0	54	6.4	1.7	11.0	38	4.6	1.3	7.9	307	37.7	0.0	100.0
15-24 years	261	778,549	39	14.1	8.7	19.5	6	2.7	0.0	6.1	5	1.2	0.0	5.7	211	82.0	79.5	84.5
25-34 years	249	776,235	74	28.5	0.0	91.7	10	3.8	0.0	11.3	12	5.6	2.9	8.4	153	62.0	9.0	100.0
35-44 years	262	722,495	121	45.5	41.5	49.5	21	7.6	0.0	20.1	17	7.2	0.0	17.4	103	39.6	21.0	58.2
45-54 years	331	839,381	185	53.4	1.1	100.0	29	11.1	8.1	14.0	17	5.2	0.0	35.7	100	30.3	11.3	49.3
55-64 years	407	711,558	284	70.0	0.0	100.0	21	7.0	0.0	29.6	23	6.1	5.4	6.9	79	16.9	0.0	70.3
65-74 years	305	381,698	240	77.3	11.0	100.0	19	7.0	0.0	31.0	10	3.2	0.0	7.6	36	12.5	0.0	50.4
75-79 years	101	126,407	82	80.2	53.1	100.0	2	3.9	0.0	8.1	1	0.5	0.0	5.3	16	15.5	0.0	51.5
never attended school	80	132,643	55	65.9	0.0	100.0	6	6.8	0.0	15.5	2	7.5	0.0	85.5	17	19.8	0.0	100.0
pratoon 1-6	1073	2,106,963	695	59.2	0.0	100.0	55	6.3	1.5	11.1	50	5.4	0.0	17.1	273	29.1	0.0	78.2
matayoom 1-6	583	1,637,124	199	30.0	17.7	42.4	35	6.7	5.1	8.3	25	4.1	0.5	7.7	324	59.2	44.8	73.5
college/certificate	46	140,969	21	40.0	0.0	88.6	1	2.4	0.0	23.8	1	1.0	0.0	9.8	23	56.7	0.0	100.0
university or upper	134	318,625	55	37.4	35.4	39.4	11	7.8	0.0	21.4	7	4.4	0.0	33.2	61	50.4	33.2	67.6
no income	120	278,413	60	45.6	0.0	100.0	6	8.1	0.0	54.3	4	4.7	0.0	41.8	50	41.6	0.0	100.0
1-4,999 baht	472	927,832	277	48.2	4.2	92.1	22	4.8	0.0	26.4	16	3.9	0.0	12.2	157	43.1	29.1	57.2
5,000-9,999 baht	557	1,338,356	298	47.1	25.7	68.4	28	6.1	0.0	19.0	23	4.0	0.0	15.0	208	42.8	0.0	88.0
10,000 baht upper	607	1,439,727	309	45.2	0.0	100.0	45	8.1	2.1	14.1	38	6.5	0.7	12.3	215	40.2	0.0	85.9

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 8 Choleterol
Table 8.2 Have you ever been told by doctors, nurse, or public health personals that you have hyperlipidemia? (CHOLES)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,203	2,466,178	345	25.3	0.0	69.4	858	74.7	30.6	100.0
municipal area	578	759,968	166	25.3	0.2	50.3	412	74.7	49.7	99.8
out municipal area	625	1,706,210	179	25.3	0.0	77.9	446	74.7	22.1	100.0
male	564	1,080,597	133	18.9	0.0	44.0	431	81.1	56.0	100.0
female	639	1,385,581	212	30.2	0.0	81.9	427	69.8	18.1	100.0
15-24 years	50	149,266	2	1.9	1.6	2.2	48	98.1	97.8	98.4
25-34 years	95	293,618	2	2.2	0.0	17.1	93	97.8	82.9	100.0
35-44 years	156	427,146	21	14.0	0.0	33.1	135	86.0	66.9	100.0
45-54 years	227	578,840	58	25.2	0.0	81.7	169	74.8	18.3	100.0
55-64 years	327	588,359	122	38.0	0.0	98.4	205	62.0	1.6	100.0
65-74 years	264	324,750	104	41.7	0.0	100.0	160	58.3	0.0	100.0
75-79 years	84	104,199	36	46.4	0.0	100.0	48	53.6	0.0	100.0
never attended school	63	106,435	23	44.6	0.0	100.0	40	55.4	0.0	100.0
pratoon 1-6	788	1,466,627	278	33.9	0.0	88.8	510	66.1	11.2	100.0
matayoom 1-6	257	675,381	32	8.7	0.0	26.1	225	91.3	73.9	100.0
college/certificate	23	61,085	6	14.6	0.0	100.0	17	85.4	0.0	100.0
university or upper	72	156,651	6	7.3	0.0	44.3	66	92.7	55.7	100.0
no income	68	160,536	22	30.2	15.8	44.6	46	69.8	55.4	84.2
1-4,999 baht	312	520,345	113	36.6	17.8	55.4	199	63.4	44.6	82.2
5,000-9,999 baht	348	773,122	87	21.9	0.0	64.4	261	78.1	35.6	100.0
10,000 baht upper	386	845,013	98	20.9	0.0	63.7	288	79.1	36.3	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 9 Hypertension
Table 9.1 How long have you checked your blood pressure by doctors, nurses, health personals, or health volunteer? (LASTBP)

			Within past 1 year ago				Over 1 to 2 years ago				More than 2 years ago				Never			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerC	UpperC	Freque	Percent	LowerC	UpperC	Freque	Percent	LowerC	UpperC	Freque	Percent	LowerC	UpperC
overall	1,919	4,353,045	1,549	76.8	63.8	89.7	64	4.2	0.0	13.4	44	2.3	0.0	10.1	262	16.8	12.6	20.9
municipal area	959	1,421,613	756	74.1	68.9	79.3	38	5.0	2.9	7.1	27	3.1	2.8	3.3	138	17.8	10.8	24.9
out municipal area	960	2,931,433	793	78.0	59.3	96.8	26	3.8	0.0	15.6	17	1.9	0.0	12.8	124	16.2	12.3	20.1
male	960	2,095,540	730	70.6	60.3	80.8	34	5.4	0.0	18.9	28	3.0	0.0	14.6	168	21.1	0.0	56.4
female	959	2,257,505	819	82.5	46.5	100.0	30	3.1	0.0	8.6	16	1.7	0.0	6.1	94	12.8	0.0	38.7
15-24 years	262	791,128	142	55.5	28.8	82.2	7	4.3	0.0	41.9	2	0.5	0.2	0.8	111	39.7	0.0	100.0
25-34 years	249	776,235	179	71.0	42.6	99.4	10	3.3	0.0	14.7	5	1.8	0.0	7.5	55	23.8	12.4	35.2
35-44 years	263	726,186	196	72.8	63.5	82.1	15	6.0	2.5	9.4	10	3.6	2.6	4.6	42	17.6	12.7	22.5
45-54 years	331	839,381	277	83.6	77.9	89.3	14	4.6	0.0	27.7	14	4.3	0.0	33.2	26	7.5	7.3	7.6
55-64 years	407	711,558	371	90.2	78.5	100.0	11	4.2	0.0	24.7	8	1.6	0.0	5.5	17	4.0	0.0	8.9
65-74 years	305	381,698	292	95.6	81.1	100.0	6	2.3	0.0	5.9	1	0.3	0.0	3.2	6	1.8	0.0	9.9
75-79 years	102	126,859	92	89.5	49.2	100.0	1	0.4	0.0	5.1	4	6.0	0.0	48.4	5	4.0	0.0	10.7
never attended school	80	132,643	67	79.2	0.0	100.0	5	5.8	4.4	7.3	1	5.3	0.0	60.7	7	9.7	0.0	73.9
pratoon 1-6	1075	2,111,106	943	84.4	69.6	99.2	24	3.4	0.0	12.0	27	2.7	0.0	10.9	81	9.5	7.5	11.5
matayoom 1-6	584	1,649,703	419	69.5	67.9	71.1	23	4.8	0.0	16.6	9	1.1	0.0	5.8	133	24.6	6.5	42.7
college/certificate	46	140,969	32	71.7	66.6	76.9	2	3.6	0.0	8.8	2	2.5	0.0	6.3	10	22.1	8.1	36.2
university or upper	134	318,625	88	64.7	35.1	94.3	10	5.9	3.5	8.4	5	4.5	2.0	7.0	31	24.8	0.3	49.4
no income	119	276,691	99	82.3	28.2	100.0	2	2.8	0.0	13.4	2	1.2	1.1	1.3	16	13.7	0.0	78.5
1-4,999 baht	474	935,043	388	75.5	73.8	77.2	13	3.6	0.0	13.8	9	2.4	0.0	7.2	64	18.5	1.8	35.3
5,000-9,999 baht	558	1,349,137	456	79.6	77.2	82.0	19	2.9	0.2	5.7	11	1.7	1.5	1.8	72	15.8	10.9	20.7
10,000 baht upper	608	1,440,179	481	74.8	35.3	100.0	27	6.1	0.0	29.7	22	3.7	0.0	19.9	78	15.4	15.0	15.7

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 9 Hypertension
Table 9.2 Have you ever been told by doctors, nurses, or public health personals that you have hypertension? (BPHIGH)

			Yes				No			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	1,653	3,611,940	427	20.9	15.5	26.2	1,226	79.1	15.5	26.2
municipal area	818	1,159,726	222	24.1	0.0	49.2	596	75.9	50.8	100.0
out municipal area	835	2,452,215	205	19.3	0.0	42.6	630	80.7	57.4	100.0
male	787	1,640,725	191	17.7	9.5	26.0	596	82.3	74.0	90.5
female	866	1,971,216	236	23.5	21.5	25.4	630	76.5	74.6	78.5
15-24 years	150	473,501	3	1.0	0.0	2.1	147	99.0	97.9	100.0
25-34 years	194	591,471	3	1.0	0.0	5.3	191	99.0	94.7	100.0
35-44 years	219	592,903	21	8.8	0.0	44.7	198	91.2	55.3	100.0
45-54 years	305	776,802	72	25.9	18.3	33.5	233	74.1	66.5	81.7
55-64 years	389	680,571	144	35.0	14.0	55.9	245	65.0	44.1	86.0
65-74 years	299	374,966	135	48.6	30.4	66.7	164	51.4	33.3	69.6
75-79 years	97	121,726	49	56.8	30.9	82.6	48	43.2	17.4	69.1
never attended school	73	119,804	27	32.5	18.0	47.0	46	67.5	53.0	82.0
pratoon 1-6	992	1,904,506	342	31.9	20.7	43.1	650	68.1	56.9	79.3
matayoom 1-6	449	1,238,427	49	7.3	0.0	26.2	400	92.7	73.8	100.0
college/certificate	36	109,755	3	4.7	0.0	34.6	33	95.3	65.4	100.0
university or upper	103	239,449	6	5.1	0.0	28.2	97	94.9	71.8	100.0
no income	104	240,487	35	30.9	0.0	98.3	69	69.1	1.7	100.0
1-4,999 baht	410	761,801	148	31.1	14.6	47.7	262	68.9	52.3	85.4
5,000-9,999 baht	484	1,131,219	100	17.0	16.4	17.6	384	83.0	82.4	83.6
10,000 baht upper	527	1,210,164	108	16.3	0.0	43.7	419	83.7	56.3	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 9 Hypertension
Table 9.3 How many times did you see a doctors or a nurse or a health personals for hypertension treatment in the last 12 months? (FRECARBP)

			Never				One or two times per year				three or four times per year				five or six times per year				more than six times per year			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	415	728,157	23	7.0	0.0	36.2	31	8.1	0.0	52.7	81	19.1	0.0	58.0	120	27.2	0.0	100.0	160	38.5	0.0	90.0
municipal area	214	265,375	12	8.9	0.0	25.7	21	13.6	0.0	71.3	35	12.9	0.0	34.3	64	27.9	0.0	89.9	82	36.7	27.9	45.6
out municipal area	201	462,782	11	5.9	0.0	37.1	10	5.0	0.0	27.4	46	22.7	0.0	55.0	56	26.9	0.0	100.0	78	39.6	0.0	100.0
male	186	278,430	9	5.9	2.4	9.4	18	10.9	0.0	50.6	38	21.3	0.0	95.0	51	24.3	0.0	75.7	70	37.7	0.0	100.0
female	229	449,727	14	7.6	0.0	52.9	13	6.5	0.0	53.9	43	17.8	0.4	35.2	69	29.1	0.0	100.0	90	39.0	6.5	71.6
15-24 years	3	4,957	0	0.0	0.0	0.0	2	80.1	0.0	100.0	0	0.0	0.0	0.0	1	19.9	0.0	100.0	0	0.0	0.0	0.0
25-34 years	3	5,822	1	50.0	0.0	100.0	1	25.1	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.0	0.0	100.0
35-44 years	19	48,238	3	18.2	0.0	100.0	4	25.6	0.0	100.0	3	9.0	0.0	60.7	5	28.3	0.0	100.0	4	18.9	0.0	66.1
45-54 years	66	184,075	6	12.4	0.0	30.4	4	5.6	0.0	64.9	12	14.4	0.0	35.9	17	24.2	0.0	100.0	27	43.5	33.2	53.8
55-64 years	143	237,370	2	0.5	0.2	0.7	9	7.6	0.0	54.8	31	24.2	0.0	59.0	43	28.2	0.0	100.0	58	39.5	0.0	100.0
65-74 years	134	181,823	8	5.7	0.0	35.5	11	7.2	0.0	28.3	28	21.3	0.0	80.7	39	29.7	27.9	31.6	48	36.0	0.0	88.4
75-79 years	47	65,873	3	7.2	0.0	53.1	0	0.0	0.0	0.0	7	18.4	0.0	100.0	15	27.7	25.6	29.8	22	46.7	0.0	100.0
never attended school	26	38,132	2	20.2	0.0	100.0	1	2.1	0.0	24.4	8	25.0	0.0	87.1	8	30.3	0.0	100.0	7	22.5	0.0	100.0
pratoon 1-6	334	589,791	17	5.7	0.0	17.2	20	5.8	0.0	28.1	61	18.9	0.0	53.1	101	28.7	0.0	95.0	135	40.9	0.0	100.0
matayoom 1-6	46	82,989	3	8.0	0.0	55.0	7	20.8	0.0	100.0	10	18.3	0.0	87.1	11	21.3	0.0	100.0	15	31.6	0.0	100.0
college/certificate	3	5,127	0	0.0	0.0	0.0	2	88.0	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	12.0	0.0	100.0
university or upper	6	12,118	1	24.0	0.0	49.3	1	18.6	0.0	38.3	2	24.9	0.0	51.1	0	0.0	0.0	0.0	2	32.5	0.0	100.0
no income	34	71,414	2	4.2	0.0	32.5	1	3.8	0.0	29.8	6	12.6	0.0	93.0	7	16.3	0.0	45.1	18	63.1	60.5	65.8
1-4,999 baht	145	232,470	7	7.3	0.0	59.4	9	5.5	0.0	25.6	31	21.8	13.1	30.5	43	28.2	0.0	78.3	55	37.1	23.8	50.5
5,000-9,999 baht	96	182,390	8	12.4	0.0	49.0	6	8.9	0.0	84.2	18	18.0	0.0	67.8	33	31.1	0.0	100.0	31	29.6	0.0	67.4
10,000 baht upper	106	191,985	3	2.7	0.0	13.7	13	12.0	0.0	96.1	20	20.8	0.0	58.4	28	26.3	0.0	100.0	42	38.2	0.0	100.0

Behavioral Risk Factor Surveillance System 2015 (Health Regional 5)
Part 9 Hypertension
Table 9.4 How many times did you get a blood examination for renal function test and complication from hypertension which was ordered by doctor in the last 12 months? (HTRENEX)

			Never				One or two times per year				Three or four times per year				Five or six times per year				More than six times per year			
Variable	Frequency	WgtFreq	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL	Frequen	Percent	LowerCL	UpperCL
overall	390	683,896	146	40.9	0.0	100.0	222	53.6	0.0	100.0	7	1.3	0.6	1.9	7	1.5	0.0	16.9	8	2.6	0.0	16.6
municipal area	202	250,675	67	39.4	0.0	100.0	125	56.6	0.0	100.0	2	0.5	0.0	6.8	4	1.4	0.0	11.7	4	2.1	0.5	3.7
out municipal area	188	433,220	79	41.8	0.0	91.6	97	51.9	0.0	100.0	5	1.7	0.0	8.3	3	1.6	0.0	20.3	4	3.0	0.0	27.2
male	181	269,118	65	37.6	0.0	100.0	102	55.9	0.0	100.0	4	2.2	0.0	9.8	4	1.3	0.0	14.0	6	3.0	1.8	4.3
female	209	414,777	81	43.0	0.0	94.8	120	52.2	0.0	100.0	3	0.7	0.0	4.5	3	1.7	0.0	18.8	2	2.4	0.0	26.2
15-24 years	3	4,957	3	100.0	100.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
25-34 years	3	5,822	2	75.0	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.0	0.0	100.0
35-44 years	19	48,238	9	47.4	0.0	100.0	9	45.9	0.0	100.0	0	0.0	0.0	0.0	1	6.7	0.0	42.2	0			
45-54 years	64	178,565	30	46.1	0.0	100.0	33	50.0	0.0	100.0	0	0.0	0.0	0.0	0				1	4.0	0.0	44.7
55-64 years	135	223,008	51	40.2	0.0	100.0	77	54.6	0.0	100.0	2	1.8	0.0	19.6	3	1.4	0.0	14.8	2	2.0	0.0	21.8
65-74 years	124	166,242	37	30.8	0.0	81.4	79	64.1	55.3	72.9	3	1.1	0.0	3.4	3	2.6	0.0	30.8	2	1.4	0.0	17.3
75-79 years	42	57,065	14	43.1	34.3	51.8	24	47.4	0.0	100.0	2	4.9	0.0	51.4	0	0.0	0.0	0.0	2	4.6	0.0	48.4
never attended school	22	30,234	9	57.3	0.0	100.0	13	42.7	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
pratoon 1-6	316	560,389	114	39.1	9.6	68.7	185	55.4	0.0	100.0	4	0.7	0.0	5.6	6	1.8	0.0	20.4	7	3.0	0.0	24.5
matayoom 1-6	43	76,028	18	41.7	0.0	100.0	20	49.5	0.0	100.0	3	6.1	0.0	35.1	1	0.9	0.0	7.1	1	1.9	0.0	27.7
college/certificate	3	5,127	1	44.0	0.0	100.0	2	56.0	0.0	100.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
university or upper	6	12,118	4	75.1	48.9	100.0	2	24.9	0.0	51.1	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
no income	34	71,414	13	35.2	16.0	54.4	20	63.1	55.5	70.7	0	0.0	0.0	0.0	1	1.7	0.0	13.3	0	0.0	0.0	0.0
1-4,999 baht	131	207,167	46	43.4	3.6	83.2	73	46.6	0.0	100.0	4	2.2	0.0	6.4	3	2.2	0.0	24.3	5	5.7	0.0	37.5
5,000-9,999 baht	94	179,633	32	38.1	0.0	96.6	56	56.9	0.0	100.0	2	1.5	0.0	8.8	3	2.7	0.0	29.1	1	0.8	0.0	9.7
10,000 baht upper	104	185,691	44	43.8	0.0	100.0	58	53.8	0.0	100.0	1	0.8	0.0	9.9	0	0.0	0.0	0.0	1	1.5	0.0	16.7