

Appendix C

Q1	Freq	Percent	Cum Freq	Cum Percent
Voluntary	217	53.71	217	53.71
Compulsory	170	42.08	387	95.79
Don't Know	17	4.21	404	100.00

Confidence Intervals

Number of Successes = 217
 Number of Trials = 404

p-hat = 0.5371 Standard error of p-hat = 0.0012

Exact Confidence Intervals for the true p:

90%:	0.495	0.579
95%:	0.487	0.587
99%:	0.472	0.602

Number of Successes = 170
 Number of Trials = 404

p-hat = 0.4208 Standard error of p-hat = 0.0012

Exact Confidence Intervals for the true p:

90%:	0.380	0.463
95%:	0.372	0.471
99%:	0.358	0.486

Number of Successes = 17
 Number of Trials = 404

p-hat = 0.0421 Standard error of p-hat = 0.0005

Exact Confidence Intervals for the true p:

90%:	0.027	0.062
95%:	0.025	0.067
99%:	0.021	0.075

Q2		Freq	Percent	Cum Freq	Cum Percent
	Yes	299	74.01	299	74.01
	No	50	12.38	349	86.39
	Depends On Cost	31	7.67	380	94.06
	Don't Know	21	5.20	401	99.26
	Depends on Who Pays	3	0.74	404	100.00

Confidence Intervals

Number of Successes = 299
Number of Trials = 404

p-hat = 0.7401 Standard error of p-hat = 0.0011

Exact Confidence Intervals for the true p:

90%:	0.702	0.776
95%:	0.694	0.782
99%:	0.680	0.794

Number of Successes = 50
Number of Trials = 404

p-hat = 0.1238 Standard error of p-hat = 0.0008

Exact Confidence Intervals for the true p:

90%:	0.098	0.154
95%:	0.093	0.160
99%:	0.085	0.172

Number of Successes = 31
Number of Trials = 404

p-hat = 0.0767 Standard error of p-hat = 0.0007

Exact Confidence Intervals for the true p:

90%:	0.056	0.102
95%:	0.053	0.107
99%:	0.047	0.117

Number of Successes = 21
Number of Trials = 404

p-hat = 0.052 Standard error of p-hat = 0.0005

Exact Confidence Intervals for the true p:

90%:	0.035	0.074
95%:	0.032	0.078
99%:	0.028	0.087

Q3	Freq	Percent	Cum Freq	Cum Percent
No	208	51.49	208	51.49
Yes	175	43.32	383	94.80
Don't Know	21	5.20	404	100.00

Confidence Intervals

Number of Successes = 208
 Number of Trials = 404

p-hat = 0.5149 Standard error of p-hat = 0.0012

Exact Confidence Intervals for the true p:

90%:	0.473	0.557
95%:	0.465	0.565
99%:	0.450	0.580

Number of Successes = 175
 Number of Trials = 404

p-hat = 0.4332 Standard error of p-hat = 0.0012

Exact Confidence Intervals for the true p:

90%:	0.392	0.475
95%:	0.384	0.483
99%:	0.370	0.498

Analysis of simple frequency data estimating a proportion

Number of Successes = 21
 Number of Trials = 404

p-hat = 0.052 Standard error of p-hat = 0.0005

Exact Confidence Intervals for the true p:

90%:	0.035	0.074
95%:	0.032	0.078
99%:	0.028	0.087

Table of Q2 by Q1

Q2 Freq Col Pct Exp Freq	Q1	
	Compulsory	Voluntary
Yes	157 94.01 130.64	134 65.37 160.36
No	4 2.40 22.00	45 21.95 27.00
Depends On Cost	5 2.99 13.02	24 11.71 15.98
Depends on Who Pays	1 0.60 1.35	2 0.98 1.65

Statistic	DF	Value	Prob
Chi-Square	3	45.499	0.000
Likelihood Ratio Chi-Square	3	52.031	0.000
Mantel-Haenszel Chi-Square	1	31.828	0.000
Phi Coefficient		0.350	
Contingency Coefficient		0.330	
Cramer's V		0.350	

Warning: 25% of the cells have expected counts less than 5. Chi-square tests may not be valid.

Missing cases = 32

Table of Q3 by Q1

Q3		Q1	
Freq	Col Pct	Compulsory	Voluntary
Exp Freq			
Yes	38 23.03 76.88	133 65.84 94.12	
No	127 76.97 88.12	69 34.16 107.88	

Statistic	DF	Value	Prob
Chi-Square	1	66.891	0.000
Continuity Adj. Chi-Square	1	65.181	0.000
Likelihood Ratio Chi-Square	1	69.583	0.000
Mantel-Haenszel Chi-Square	1	66.708	0.000
McNemar's Test	1	0.138	0.710
(Continuity Adj.)	1	0.096	0.756
Phi Coefficient		-0.427	
Contingency Coefficient		0.393	
Cramer's V		-0.427	

Missing cases = 37

Table of Insurance Class by Q1

Insurance Class		Q1	
Freq	Col Pct	Compulsory	Voluntary
Exp Freq			
EXEM	40 23.53 39.97	51 23.50 51.03	
FULL	109 64.12 106.30	133 61.29 135.70	
PART	21 12.35 23.72	33 15.21 30.28	

Statistic	DF	Value	Prob
Chi-Square	2	0.678	0.712
Likelihood Ratio Chi-Square	2	0.684	0.710
Mantel-Haenszel Chi-Square	1	0.216	0.642
Phi Coefficient		0.042	
Contingency Coefficient		0.042	
Cramer's V		0.042	

Missing cases = 17

Table of Gender by Q1

Gender		Q1	
Freq	Col Pct	Compulsory	Voluntary
Exp Freq			
FEMA		58	55
		34.12	25.35
		49.64	63.36
MALE		112	162
		65.88	74.65
		120.36	153.64

Statistic	DF	Value	Prob
Chi-Square	1	3.548	0.060
Continuity Adj. Chi-Square	1	3.136	0.077
Likelihood Ratio Chi-Square	1	3.533	0.060
Mantel-Haenszel Chi-Square	1	3.539	0.060
McNemar's Test	1	19.455	0.000
(Continuity Adj.)	1	18.778	0.000
Phi Coefficient		0.096	
Contingency Coefficient		0.095	
Cramer's V		0.096	

Missing cases = 17

Table of Call_Range by Q1

Call_Range

Q1

Freq Col Pct Exp Freq	Q1	
	Compulsory	Voluntary
< 5	18	33
	10.59	15.21
	22.40	28.60
[5,10)	30	39
	17.65	17.97
	30.31	38.69
[10,15)	21	28
	12.35	12.90
	21.52	27.48
[15,20)	37	48
	21.76	22.12
	37.34	47.66
[20,25)	22	28
	12.94	12.90
	21.96	28.04
[25,30)	17	22
	10.00	10.14
	17.13	21.87
≥ 30	25	19
	14.71	8.76
	19.33	24.67

Statistic	DF	Value	Prob
Chi-Square	6	4.547	0.603
Likelihood Ratio Chi-Square	6	4.549	0.603
Mantel-Haenszel Chi-Square	1	2.868	0.090
Phi Coefficient		0.108	
Contingency Coefficient		0.108	
Cramer's V		0.108	

Missing cases = 17

Table of Location by Q1

Location	Q1	
	Compulsory	Voluntary
Cariboo	7 4.12 5.71	6 2.76 7.29
Kamloops	13 7.65 10.10	10 4.61 12.90
Kootenay	5 2.94 4.39	5 2.30 5.61
Nanaimo	15 8.82 15.37	20 9.22 19.63
Okanagan	3 1.76 6.59	12 5.53 8.41
Other	3 1.76 5.71	10 4.61 7.29
Prince Rupert	6 3.53 8.35	13 5.99 10.65
Vancouver	87 51.18 77.75	90 41.47 99.25
Victoria	13 7.65 17.13	26 11.98 21.87
Westminster	18 10.59 18.89	25 11.52 24.11

Statistic	DF	Value	Prob
Chi-Square	9	12.937	0.165
Likelihood Ratio Chi-Square	9	13.476	0.142
Mantel-Haenszel Chi-Square	1	0.411	0.521
Phi Coefficient		0.183	
Contingency Coefficient		0.180	
Cramer's V		0.183	

Warning: 5% of the cells have expected counts less than 5. Chi-square tests may not be valid.

Missing cases = 17

Table of Q3 by Q2

Q3

Q2

Freq Col Pct Exp Freq	Q2		
	Yes	No	Depends On Cost
Yes	108 37.89 128.91	38 77.55 22.16	17 56.67 13.57
No	177 62.11 156.09	11 22.45 26.84	13 43.33 16.43

Continued ->

Q3

Q2

Freq Col Pct Exp Freq	Q2
	Depends on Who Pays
Yes	3 100.00 1.36
No	0 0.00 1.64

Statistic	DF	Value	Prob
Chi-Square	3	32.070	0.000
Likelihood Ratio Chi-Square	3	33.964	0.000
Mantel-Haenszel Chi-Square	1	19.439	0.000
Phi Coefficient		0.296	
Contingency Coefficient		0.283	
Cramer's V		0.296	

Warning: 25% of the cells have expected counts less than 5. Chi-square tests may not be valid.

Missing cases = 37

Table of Insurance Class by Q2

Insurance Class

Q2

Freq Col Pct Exp Freq	Q2		
	Yes	No	Depends On Cost
EXEM	63 21.07 67.92	10 20.00 11.36	13 41.94 7.04
FULL	197 65.89 190.49	30 60.00 31.85	15 48.39 19.75
PART	39 13.04 40.60	10 20.00 6.79	3 9.68 4.21

Continued ->

Insurance Class

Q2

Freq Col Pct Exp Freq	Depends on Who Pays
	EXEM
FULL	2 66.67 1.91
PART	0 0.00 0.41

Statistic	DF	Value	Prob
Chi-Square	6	9.522	0.146
Likelihood Ratio Chi-Square	6	8.858	0.182
Mantel-Haenszel Chi-Square	1	2.465	0.116
Phi Coefficient		0.158	
Contingency Coefficient		0.156	
Cramer's V		0.111	

Warning: 33% of the cells have expected counts less than 5. Chi-square tests may not be valid.

Missing cases = 21

Table of Gender by Q2

Gender

Q2

Freq Col Pct Exp Freq	Q2		
	Yes	No	Depends On Cost
FEMA	90 30.10 87.44	9 18.00 14.62	11 35.48 9.07
MALE	209 69.90 211.56	41 82.00 35.38	20 64.52 21.93

Continued ->

Gender

Q2

Freq Col Pct Exp Freq	Depends on Who Pays
	FEMA
MALE	1 33.33 2.12

Statistic	DF	Value	Prob
Chi-Square	3	5.775	0.123
Likelihood Ratio Chi-Square	3	5.816	0.121
Mantel-Haenszel Chi-Square	1	0.077	0.781
Phi Coefficient		0.123	
Contingency Coefficient		0.122	
Cramer's V		0.123	

Warning: 25% of the cells have expected counts less than 5. Chi-square tests may not be valid.

Missing cases = 21

Table of Insurance Class by Q3

Insurance Class		
Q3		
Freq	Yes	No
Col Pct		
Exp Freq		
EXEM	40 22.86 40.21	48 23.08 47.79
FULL	107 61.14 111.03	136 65.38 131.97
PART	28 16.00 23.76	24 11.54 28.24

Statistic	DF	Value	Prob
Chi-Square	2	1.665	0.435
Likelihood Ratio Chi-Square	2	1.659	0.436
Mantel-Haenszel Chi-Square	1	0.582	0.445
Phi Coefficient		0.066	
Contingency Coefficient		0.066	
Cramer's V		0.066	

Missing cases = 21

Table of Gender by Q3

Gender		
Q3		
Freq	Yes	No
Col Pct		
Exp Freq		
FEMA	38 21.71 51.17	74 35.58 60.83
MALE	137 78.29 123.83	134 64.42 147.17

Statistic	DF	Value	Prob
Chi-Square	1	8.827	0.003
Continuity Adj. Chi-Square	1	8.170	0.004
Likelihood Ratio Chi-Square	1	8.966	0.003
Mantel-Haenszel Chi-Square	1	8.804	0.003
McNemar's Test	1	18.810	0.000
(Continuity Adj.)	1	18.218	0.000
Phi Coefficient		-0.152	
Contingency Coefficient		0.150	
Cramer's V		-0.152	

Missing cases = 21

Table of Call_Range by Q3

Call_Range

Q3

Freq Col Pct Exp Freq	Q3	
	Yes	No
< 5	24 13.71 24.67	30 14.42 29.33
[5,10)	34 19.43 32.44	37 17.79 38.56
[10,15)	25 14.29 21.93	23 11.06 26.07
[15,20)	35 20.00 38.84	50 24.04 46.16
[20,25)	19 10.86 21.93	29 13.94 26.07
[25,30)	19 10.86 16.45	17 8.17 19.55
>= 30	19 10.86 18.73	22 10.58 22.27

Statistic	DF	Value	Prob
Chi-Square	6	3.118	0.794
Likelihood Ratio Chi-Square	6	3.122	0.793
Mantel-Haenszel Chi-Square	1	0.004	0.948
Phi Coefficient		0.090	
Contingency Coefficient		0.090	
Cramer's V		0.090	

Missing cases = 21

Table of Location by Q3

Location	Q3	
	Yes	No
Cariboo	6 3.43 5.48	6 2.88 6.52
Kamloops	5 2.86 10.05	17 8.17 11.95
Kootenay	5 2.86 5.03	6 2.88 5.97
Nanaimo	23 13.14 16.45	13 6.25 19.55
Okanagan	7 4.00 6.85	8 3.85 8.15
Other	4 2.29 4.57	6 2.88 5.43
Prince Rupert	8 4.57 9.14	12 5.77 10.86
Vancouver	75 42.86 81.33	103 49.52 96.67
Victoria	22 12.57 16.91	15 7.21 20.09
Westminster	20 11.43 19.19	22 10.58 22.81

Statistic	DF	Value	Prob
Chi-Square	9	13.764	0.131
Likelihood Ratio Chi-Square	9	14.100	0.119
Mantel-Haenszel Chi-Square	1	0.150	0.699
Phi Coefficient		0.190	
Contingency Coefficient		0.186	
Cramer's V		0.190	

Warning: 5% of the cells have expected counts less than 5. Chi-square tests may not be valid.

Missing cases = 21

Insurance Class	Freq	Percent	Cum Freq	Cum Percent
FULL	253	62.62	253	62.62
EXEM	95	23.51	348	86.14
PART	56	13.86	404	100.00

Gender	Freq	Percent	Cum Freq	Cum Percent
MALE	284	70.30	284	70.30
FEMA	120	29.70	404	100.00

Location	Freq	Percent	Cum Freq	Cum Percent
Cariboo	13	3.22	13	3.22
Kamloops	23	5.69	36	8.91
Kootenay	11	2.72	47	11.63
Nanaimo	36	8.91	83	20.54
Okanagan	15	3.71	98	24.26
Other	14	3.47	112	27.72
Prince Rupert	21	5.20	133	32.92
Vancouver	186	46.04	319	78.96
Victoria	41	10.15	360	89.11
Westminster	44	10.89	404	100.00

Table of Q1 by Q2

Q1

Q2

Freq Col Pct Exp Freq	Q2		
	?	Yes	No
?	6 28.57 0.88	8 2.68 12.58	1 2.00 2.10
Compulsory	3 14.29 8.84	157 52.51 125.82	4 8.00 21.04
Voluntary	12 57.14 11.28	134 44.82 160.60	45 90.00 26.86

Continued ->

Q1

Q2

Freq Col Pct Exp Freq	Q2	
	Depends On Cost	Depends on Who Pays
?	2 6.45 1.30	0 0.00 0.13
Compulsory	5 16.13 13.04	1 33.33 1.26
Voluntary	24 77.42 16.65	2 66.67 1.61

Table of Q2 by Q1

Q2		Q1		
Freq	Col Pct	?	Compulsory	Voluntary
Exp Freq				
?		6 35.29 0.88	3 1.76 8.84	12 5.53 11.28
Yes		8 47.06 12.58	157 92.35 125.82	134 61.75 160.60
No		1 5.88 2.10	4 2.35 21.04	45 20.74 26.86
Depends On Cost		2 11.76 1.30	5 2.94 13.04	24 11.06 16.65
Depends on Who Pays		0 0.00 0.13	1 0.59 1.26	2 0.92 1.61

Table of Q1 by Q3

Q1		Q3		
Freq	Col Pct	?	Yes	No
Exp Freq				
?		1 4.76 0.88	4 2.29 7.36	12 5.77 8.75
Compulsory		5 23.81 8.84	38 21.71 73.64	127 61.06 87.52
Voluntary		15 71.43 11.28	133 76.00 94.00	69 33.17 111.72

Statistic	DF	Value	Prob
Chi-Square	4	73.222	0.000
Likelihood Ratio Chi-Square	4	75.890	0.000
Mantel-Haenszel Chi-Square	1	51.508	0.000
Phi Coefficient		0.426	
Contingency Coefficient		0.392	
Cramer's V		0.301	

Warning: 11% of the cells have expected counts less than 5. Chi-square tests may not be valid.

Table of Q1 by Q3

Q1

Q3

Freq Row Pct Exp Freq	?	Yes	No
?	1 5.88 0.88	4 23.53 7.36	12 70.59 8.75
Compulsory	5 2.94 8.84	38 22.35 73.64	127 74.71 87.52
Voluntary	15 6.91 11.28	133 61.29 94.00	69 31.80 111.72

Statistic	DF	Value	Prob
Chi-Square	4	73.222	0.000
Likelihood Ratio Chi-Square	4	75.890	0.000
Mantel-Haenszel Chi-Square	1	51.508	0.000
Phi Coefficient		0.426	
Contingency Coefficient		0.392	
Cramer's V		0.301	

Warning: 11% of the cells have expected counts less than 5. Chi-square tests may not be valid.