

Chi-Square test for Goodness of Fit based on Vancouver and Canada populations

Age	Observed (O)	Expected (E)	O-E	(O-E)^2/E
5-14	10.3%	11%	-1.14%	0.001128
15-19	6.3%	7%	-0.45%	0.000294
20-34	21.2%	22%	-0.82%	0.000304
35-64	43.8%	45%	-0.73%	0.000118
65+	13.5%	15%	-1.77%	0.002060

Degrees of Freedom $5-1= 4$

Chi-Square statistics $0.001128+0.000294+0.000304+0.000118+0.002060= 0.003905$

Chi-Square multiplier 9.49