

Table 4
Distribution of the household population by blood pressure norms, by age and sex, Canada, 2007 to 2009

	Blood pressure norms								
	Within the acceptable range			Acceptable, but at the high end of the acceptable range			Above the acceptable range		
	Estimate	Confidence interval		Estimate	Confidence interval		Estimate	Confidence interval	
		From	To		From	To		From	To
	percent								
Both sexes									
Age 18 to 39	95.4	93.8	96.9	3.9 E	2.6	5.1	F	...	...
Age 40 to 59	82.4	78.8	85.9	11.3	8.7	13.9	5.3	4.0	6.6
Age 60 to 79	66.7	64.2	69.1	15.7	12.8	18.6	13.8	11.6	15.9
Age 18 to 79	84.4	82.8	86.0	9.2	8.0	10.4	5.1	4.5	5.8
Males									
Age 18 to 39	93.9	91.3	96.5	4.9 E	2.9	7.0	F	...	...
Age 40 to 59	78.0	72.6	83.3	14.7	10.5	18.9	6.5	4.7	8.4
Age 60 to 79	69.7	65.3	74.0	15.2	10.5	19.9	13.8	10.7	16.9
Age 18 to 79	82.8	80.7	84.9	10.8	9.1	12.6	5.7	4.7	6.7
Females									
Age 18 to 39	96.8	94.6	99.1	F	...	...	F	...	...
Age 40 to 59	86.7	82.5	90.8	7.9 E	5.2	10.7	4.0 E	2.2	5.9
Age 60 to 79	63.9	60.7	67.1	16.1	13.9	18.3	13.8	10.3	17.3
Age 18 to 79	86.0	83.9	88.1	7.6	6.2	9.0	4.6	3.5	5.6

	Blood pressure norms								
	Moderately high			High			Very high		
	Estimate	Confidence interval		Estimate	Confidence interval		Estimate	Confidence interval	
		From	To		From	To		From	To
	percent								
Both sexes									
Age 18 to 39	F	...	...	0.0	0.0	0.0	0.0	0.0	0.0
Age 40 to 59	0.7 E	0.3	1.1	F	...	...	0.0	0.0	0.0
Age 60 to 79	2.4 E	1.4	3.4	F	...	...	0.0	0.0	0.0
Age 18 to 79	0.8 E	0.5	1.1	F	...	...	0.0	0.0	0.0
Males									
Age 18 to 39	F	...	...	0.0	0.0	0.0	0.0	0.0	0.0
Age 40 to 59	F	...	...	F	...	...	0.0	0.0	0.0
Age 60 to 79	1.0 E	0.4	1.6	F	...	...	0.0	0.0	0.0
Age 18 to 79	0.5 E	0.2	0.9	F	...	...	0.0	0.0	0.0
Females									
Age 18 to 39	F	...	...	0.0	0.0	0.0	0.0	0.0	0.0
Age 40 to 59	F	...	...	F	...	...	0.0	0.0	0.0
Age 60 to 79	3.6 E	1.9	5.3	F	...	...	0.0	0.0	0.0
Age 18 to 79	1.0 E	0.5	1.6	F	...	...	0.0	0.0	0.0

^E use with caution (data with a coefficient of variation (CV) from 16.6% to 33.3%)

^F too unreliable to be published (data with a coefficient of variation (CV) greater than 33.3%; suppressed due to extreme sampling variability)

Note(s): The norms used in this table can be found in D. Abbott, N. Campbell, P. Carruthers-Czyzewski, A. Chockalingam, M. David, G. Dunkley, E. Ellis, J.G. Fodor, D. McKay, V.R. Ramsden, 1994, "Guidelines for measurement of blood pressure, follow-up, and lifestyle counselling", *Canadian Journal of Public Health*, Vol. 85 (suppl 2), p. S29-S35.

Total household population aged 18 to 79, except those meeting the exclusion criteria (see the *Canadian Health Measures Survey (CHMS) Data User Guide: Cycle 1*).

Source(s): Canadian Health Measures Survey, Cycle 1.