

Appendix 1. Mean Systolic and Diastolic Blood Pressure by Sex, Age, and Country.

	England					CANADA					USA				
	n	SBP	se	DBP	se	n	SBP	se	DBP	se	n	SBP	se	DBP	se
Males															
20-24	153	126.7	0.8	69.2	0.8	127	106.6	0.7	67.5	0.8	436	117.0	0.6	66.3	0.9
25-29	196	127.9	0.8	72.5	0.8	98	108.9	1.0	70.1	0.8	413	118.6	0.8	68.9	0.6
30-34	275	127.5	0.7	73.5	0.6	134	112.2	0.9	73.8	0.7	410	118.4	0.6	71.6	0.5
35-39	320	126.8	0.7	74.1	0.6	165	112.1	0.8	74.7	0.6	468	120.3	0.6	74.7	0.6
40-44	389	126.5	0.6	75.7	0.5	190	113.5	0.8	76.5	0.6	442	120.7	0.8	76.1	0.7
45-49	335	130.9	0.9	79.5	0.7	173	115.9	0.9	77.7	0.6	448	121.8	0.9	75.9	0.8
50-54	316	132.2	0.9	78.4	0.6	134	117.9	1.0	78.8	0.6	510	124.4	0.9	75.9	0.7
55-59	384	134.6	0.8	78.6	0.6	85	120.6	1.6	77.4	0.9	383	125.1	0.9	75.2	0.7
60-64	326	137.0	0.9	77.5	0.6	201	120.5	1.0	76.2	0.6	517	128.3	1.0	72.4	0.9
65-69	141	138.2	2.1	76.1	1.1	141	122.7	1.3	73.6	0.7	381	127.0	1.4	67.9	1.1
70-74	124	137.3	1.7	72.1	1.0	107	125.2	1.6	72.8	1.0	345	130.0	1.3	67.1	0.7
75-79	84	138.9	1.9	71.9	1.1	94	123.2	1.6	70.3	0.9	280	132.3	1.6	66.0	1.0
All males	3,043	131.1	0.3	75.3	0.2	1649	115.1	0.3	74.5	0.2	5033	122.4	0.3	72.3	0.4
Females															
20-24	215	112.2	0.6	67.4	0.5	100	101.7	0.9	66.6	0.8	423	108.6	0.6	64.4	0.6
25-29	252	112.9	0.6	69.2	0.6	142	98.2	0.7	63.9	0.7	388	109.7	0.5	66.3	0.7
30-34	348	113.0	0.6	70.6	0.5	172	103.3	0.8	69.0	0.6	404	109.5	0.7	67.6	0.7
35-39	462	115.4	0.6	72.3	0.5	221	103.4	0.8	69.6	0.6	452	112.0	0.7	71.0	0.5
40-44	492	118.9	0.7	74.2	0.5	192	105.6	0.8	69.6	0.6	488	113.1	0.8	70.5	0.7
45-49	414	123.1	0.9	76.0	0.6	204	111.5	1.0	73.0	0.7	486	117.3	1.0	71.9	0.8
50-54	383	125.6	1.0	76.3	0.6	133	115.3	1.2	73.2	0.7	452	120.0	0.7	72.4	0.6
55-59	451	129.1	0.9	75.9	0.5	120	114.7	1.4	71.3	0.8	377	124.5	1.3	71.5	0.8
60-64	403	131.9	0.9	75.3	0.5	193	123.0	1.3	72.4	0.6	536	127.3	1.0	70.1	0.8
65-69	183	135.7	1.4	73.9	0.8	146	129.3	1.5	73.9	0.8	343	128.9	1.5	66.4	1.2
70-74	121	140.3	1.8	73.4	0.8	114	125.8	1.4	69.3	0.9	365	134.0	1.2	64.7	0.8
75-79	106	144.1	2.0	71.3	1.1	99	134.2	2.2	70.0	1.0	256	135.7	1.2	61.8	1.2
All females	3,830	123.7	0.4	73.1	0.2	1836	111.4	0.4	70.2	0.2	4970	118.1	0.4	69.0	0.4

Appendix 2. Mean Systolic (SBP) and Diastolic (DBP) Blood Pressure (mm Hg) among Hypertensive Individuals, by Awareness, Treatment and Control, and by Country.

		ENGLAND		CANADA		USA	
		SBP	DBP	SBP	DBP	SBP	DBP
Non hypertensive	mean	119.9	71.2	109.3	71.1	114.8	69.3
	se	0.2	0.1	0.2	0.2	0.2	0.4
All, Hypertensive	mean	144.3	81.0	129.5	77.3	133.7	74.0
	se	0.5	0.3	0.6	0.4	0.4	0.5
All, Aware	mean	141.7	78.5	126.1	75.2	130.8	72.3
	se	0.6	0.4	0.6	0.4	0.4	0.5
All, Treated	mean	138.8	75.9	125.2	74.4	129.0	71.1
	se	0.7	0.4	0.6	0.4	0.4	0.5
Treated and Controlled	mean	125.4	71.2	119.7	72.8	120.2	68.3
	se	0.5	0.4	0.5	0.4	0.3	0.5
Treated and not controlled	mean	154.1	81.2	151.1	81.9	151.0	78.0
	se	0.8	0.6	1.3	0.9	0.6	0.7
Aware, not treated	mean	151.5	88.1	147.2 ^E	93.8 ^E	149.3	85.1
	se	0.8	0.6	2.5 ^E	2.0 ^E	1.2	1.1
Unaware	mean	149.3	85.5	146.7	87.6	146.1	81.5
	se	0.5	0.5	1.0	0.7	0.6	1.3

^E Interpret with caution (coefficient of variation 16.6% to 33.3%)

Hypertension: Systolic pressure ≥ 140 or diastolic pressure ≥ 90 or currently taking blood pressure lowering medication

Aware: Self-report of having been diagnosed as hypertensive by a doctor or nurse, excluding women diagnosed during pregnancy (England);

Self-reported blood pressure medication use in the past month or self-reported high blood pressure (Canada); Self-report of having been diagnosed as hypertensive by a doctor or nurse, excluding women diagnosed during pregnancy (USA)

Treated: Taking medication to lower blood pressure recorded by the nurse (England); Taking medication to lower blood pressure, self-report (Canada, USA);

Treated and controlled: Taking medication to lower blood pressure and DBP < 90 mm Hg and SBP < 140 mm Hg

Treated and uncontrolled: Taking medication to lower blood pressure and DBP ≥ 90 mm Hg or SBP ≥ 140 mm Hg

Aware, not treated: Self-reported of having been diagnosed as hypertensive by a doctor or nurse, not taking medication to lower blood pressure (England); Self-reported of having been told by health care provider that they have high blood pressure, not taking medication to lower blood pressure (Canada); Self-reported of having been told by health care provider that they have high blood pressure, not taking medication to lower blood pressure (USA)

Unaware: No self report of having been diagnosed as hypertensive by a doctor or nurse (England); No self report of having been told that they have high blood pressure and no self report of blood pressure medication use in the past month (Canada); No self report of having been told that they have high blood pressure (USA)