

Supplemental Table 1. Mean blood pressure and prevalence of hypertension among US adults ≥ 80 years of age in 1988-1994, 1999-2004, and 2005-2010 for people without (top panel) and with (bottom panel) impairments in activities of daily living.

	Time period			p-trend
	1988 – 1994 (n=1,164)	1999 – 2004 (n=1,026)	2005 – 2010 (n=1,048)	
No ADL impairment				
Mean SBP, mm Hg	147.5 (1.30)	149.0 (1.03)	141.1 (0.93)	<0.001
Mean DBP, mm Hg	70.3 (0.68)	61.7 (0.92)	59.9 (0.61)	<0.001
SBP/DBP < 140/90 mm Hg	40.2	40.5	52.6	<0.001
Taking antihypertensive medication (self-report), %	33.0	45.8	55.8	<0.001
Number of antihypertensive medication classes [†]	1.0 (0.05)	1.3 (0.06)	1.8 (0.05)	<0.001
Percent taking [†]				
0 classes	38.8	29.5	16.8	<0.001
1 classes	32.9	26.8	25.9	0.04
2 classes	22.4	26.6	27.3	0.19
≥ 3 classes	5.9	17.0	30.0	<0.001
≥ 1 ADL impairment				
Mean SBP, mm Hg	147.1 (1.38)	146.5 (1.68)	137.8 (1.35)	<0.001
Mean DBP, mm Hg	69.9 (0.91)	59.8 (1.34)	58.2 (1.10)	<0.001
SBP/DBP < 140/90 mm Hg	43.1	44.5	56.7	0.001
Taking antihypertensive medication (self-report), %	35.4	47.9	60.7	<0.001
Number of antihypertensive medication classes [†]	1.2 (0.07)	1.7 (0.09)	1.9 (0.08)	<0.001
Percent taking [†]				
0 classes	30.9	19.5	10.9	<0.001
1 classes	34.3	24.4	27.0	0.11
2 classes	25.6	32.5	29.3	0.44
≥ 3 classes	9.3	23.6	32.9	<0.001

Numbers in table are mean (standard error) or percentage.

[†] Among those with hypertension.

ADL: Activities of daily living; SBP: Systolic blood pressure; DBP: Diastolic blood pressure

Supplemental Table 2. Number of US adults ≥ 80 years of age with hypertension in 1988-1994, 1999-2004, and 2005-2010.

	Time period		
	1988 – 1994 (n=1,165)	1999 – 2004 (n=1,029)	2005 – 2010 (n=1,050)
Hypertension			
All	4.21 (3.41-5.01)	5.74 (4.90-6.58)	7.27 (6.25-8.29)
Uncontrolled BP	3.58 (2.84-4.32)	4.37 (3.70-5.04)	4.38 (3.77-4.99)
Controlled BP	0.62 (0.48-0.76)	1.37 (1.06-1.68)	2.89 (2.32-3.46)

Numbers in table are US adults ≥ 80 years of age in millions (95% confidence interval)

BP: Blood pressure; Uncontrolled BP: Systolic blood pressure/Diastolic blood pressure $\geq 140/90$ mm Hg; Controlled BP: Systolic blood pressure/Diastolic blood pressure $< 140/90$ mm Hg;

Supplemental Table 3. Prevalence of systolic blood pressure <120 mm Hg, <130 mm Hg, < 140 mm Hg, < 150 mm Hg and < 160 mm Hg and diastolic blood pressure < 60 mm Hg, < 70 mm Hg, < 80 mm Hg, < 90 mm Hg and < 100 mm Hg among US adults ≥ 80 years of age in 1988-1994, 1999-2004, and 2005-2010.

	Time period			p-trend
	1988 – 1994 (n=1,164)	1999 – 2004 (n=1,026)	2005 – 2010 (n=1,048)	
SBP < 120 mm Hg, %	12.5	11.9	19.0	<0.001
SBP < 130 mm Hg, %	24.9	25.2	35.0	<0.001
SBP < 140 mm Hg, %	41.5	41.9	54.1	<0.001
SBP < 150 mm Hg, %	58.4	54.4	70.3	<0.001
SBP < 160 mm Hg, %	71.4	69.3	82.1	<0.001
DBP < 60 mm Hg, %	15.5	36.1	48.9	<0.001
DBP < 70 mm Hg, %	46.6	65.7	74.2	<0.001
DBP < 80 mm Hg, %	78.7	89.2	91.3	<0.001
DBP < 90 mm Hg, %	93.9	97.2	97.9	<0.001
DBP < 100 mm Hg, %	99.0	99.2	99.3	0.79