

SUPPLEMENTARY DATA

**Supplementary Table 1. Changes in Blood Pressure Levels among US Adults with Diabetes, 1988-1994 vs. 2001-2008**

	Sample size		Mean DBP (se) <sup>*</sup>		Mean SBP(se) <sup>†</sup>		% with BP<140/90 (se)	
	1988-1994	2001-2008	1988-1994	2001-2008	1988-1994	2001-2008	1988-1994	2001-2008
Age (years)								
20-44	154	233	76.2 (0.7)	74.2 (0.9)	118.6 (1.2)	121.4 (1.0)	92.2 (3.3)	85.7 (2.4)
45-64	450	840	74.3 (0.9)	72.2 (0.6) <sup>‡</sup>	132.9 (1.4)	128.8 (0.9) <sup>‡</sup>	64.5 (3.0)	73.6 (2.0) <sup>‡</sup>
65+	610	968	68.3 (0.7)	62.1 (0.6) <sup>‡</sup>	143.4 (1.8)	138.6 (1.0) <sup>‡</sup>	51.4 (2.7)	57.2 (1.9)
Age-adjusted								
Total	1214	2041	72.3 (0.5)	68.6 (0.5) <sup>‡</sup>	134.7 (1.0)	131.4 (0.6) <sup>‡</sup>	63.8 (1.7)	69.2 (1.2) <sup>‡</sup>
Men	528	1011	75.0 (0.7)	70.7 (0.6) <sup>‡</sup>	132.1 (1.0)	129.4 (0.7) <sup>‡</sup>	69.6 (2.3)	72.1 (1.9)
Women	686	1030	69.9 (0.6)	66.7 (0.6) <sup>‡</sup>	136.7 (1.6)	133.1 (0.8) <sup>§</sup>	59.1 (2.6)	67.0 (1.3) <sup>‡</sup>
NH-whites	455	829	71.8 (0.6)	68.1 (0.6) <sup>‡</sup>	133.9 (1.3)	130.2 (0.8) <sup>‡</sup>	66.2 (2.1)	71.2 (1.7)
NH-blacks	340	544	74.3 (0.9)	70.0 (0.9) <sup>‡</sup>	138.3 (1.2)	134.8 (1.0) <sup>‡</sup>	52.4 (3.1)	62.0 (2.0) <sup>‡</sup>
Mexican Americans	384	467	73.0 (0.7)	68.4 (0.8) <sup>‡</sup>	136.6 (1.0)	132.2 (1.4) <sup>‡</sup>	58.4 (2.2)	67.8 (2.6) <sup>‡</sup>

Data were age-adjusted to NHANES 2005-2008 diabetic population.

<sup>\*</sup> diastolic blood pressure (standard error).

<sup>†</sup> systolic blood pressure (standard error).

<sup>‡</sup> p<0.05 for comparison between the two time periods.

<sup>§</sup> p =0.0501

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**Supplementary Table 2. Prevalence of Hypertension, Awareness, Treatment, and Control among Adults with Diabetes and Hypertension, 1988-1994 vs. 2001-2008**

	Prevalence %(se)		Among adults with hypertension					
			Awareness %(se)		Treatment % (se)		Control % (se)	
	1988-1994	2001-2008	1988-1994	2001-2008	1988-1994	2001-2008	1988-1994	2001-2008
Age (years)								
20-44	24.8 (4.5)	35.2 (3.7)	92.1 (3.5)	86.3 (4.2)	91.3 (3.6)	81.6 (4.4)	68.4 (13.6)	56.2 (5.8)
45-64	56.4 (3.8)	66.0 (2.4) <sup>‡</sup>	87.2 (3.1)	95.4 (0.9) <sup>‡</sup>	74.9 (3.6)	90.0 (1.3) <sup>‡</sup>	36.6 (3.8)	58.9 (2.7) <sup>‡</sup>
65+	68.0 (2.6)	81.6 (1.5) <sup>‡</sup>	77.0 (3.1)	91.0 (1.4) <sup>‡</sup>	68.6 (3.4)	89.3 (1.5) <sup>‡</sup>	27.8 (3.6)	47.1 (2.3) <sup>‡</sup>
Age-adjusted								
Total	56.0 (2.1)	67.3 (1.4) <sup>‡</sup>	84.1 (2.0)	92.3 (1.0) <sup>‡</sup>	75.0 (2.2)	88.4 (1.2) <sup>‡</sup>	38.1 (3.4)	54.0 (1.8) <sup>‡</sup>
Men	45.8 (3.1)	63.6 (2.0) <sup>‡</sup>	82.9 (2.5)	90.6 (1.4) <sup>‡</sup>	73.0 (3.6)	86.1 (1.7) <sup>‡</sup>	35.3 (5.3)	54.5 (2.8) <sup>‡</sup>
Women	64.3 (3.1)	70.3 (1.6)	84.6 (2.5)	94.0 (1.0) <sup>‡</sup>	76.0 (3.0)	90.7 (1.3) <sup>‡</sup>	40.0 (3.6)	54.4 (2.2) <sup>‡</sup>
NH-whites	53.9 (2.8)	66.6 (1.7) <sup>‡</sup>	84.2 (2.6)	93.3 (1.5) <sup>‡</sup>	76.1 (3.0)	89.8 (1.7) <sup>‡</sup>	42.7 (3.8)	57.8 (2.6) <sup>‡</sup>
NH-blacks	68.7 (2.7)	79.4 (2.0) <sup>‡</sup>	84.1 (2.3)	94.6 (1.3) <sup>‡</sup>	74.0 (3.2)	90.6 (1.7) <sup>‡</sup>	31.2 (3.2)	50.3 (2.5) <sup>‡</sup>
Mexican Americans	55.4 (3.4)	61.4 (3.0)	74.1 (4.5)	82.8 (2.3)	57.5 (3.9)	75.9 (2.1) <sup>‡</sup>	21.5 (3.0)	45.9 (2.9) <sup>‡</sup>

Data were age-adjusted to NHANES 2005-2008 diabetic population.

Abbreviation: se, standard error.

<sup>‡</sup>: p<0.05 for comparisons between the two time periods

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**Supplementary Table 3. Changes in Blood Pressure Levels among US Adults with Diabetes, 2001-2004 vs. 2005-2008**

	Sample size		Mean DBP(se) <sup>*</sup>		Mean SBP(se) <sup>†</sup>		% with BP<140/90 (se)	
	2001-2004	2005-2008	2001-2004	2005-2008	2001-2004	2005-2008	2001-2004	2005-2008
Age (years)								
20-44	109	124	72.7 (1.3)	75.7 (1.2)	121.5 (1.5)	121.3 (1.4)	89.0 (2.5)	82.7 (3.8)
45-64	341	499	72.9 (1.0)	71.6 (0.7)	129.9 (1.4)	128.0 (1.1)	72.6 (3.1)	74.3 (2.5)
65+	444	524	61.0 (0.8)	62.9 (0.9)	137.9 (1.6)	139.2 (1.2)	58.3 (3.2)	56.3 (2.1)
Age-adjusted								
Total	894	1147	68.3 (0.7)	68.9 (0.6)	131.7 (0.9)	131.3 (0.7)	69.7 (1.9)	68.7 (1.5)
Men	455	556	70.3 (0.8)	71.1 (0.9)	128.8 (1.1)	130.0 (0.9)	74.3 (2.8)	69.7 (2.6)
Women	439	591	66.4 (1.0)	67.0 (0.6)	134.2 (1.4)	132.2 (1.0)	65.7 (2.3)	68.0 (1.6)
NH-whites	377	452	67.4 (0.9)	68.7 (0.8)	129.7 (1.2)	130.7 (1.0)	72.1 (2.4)	70.5 (2.3)
NH-blacks	197	347	70.9 (1.4)	69.4 (1.1)	136.9 (1.6)	133.4 (1.1)	59.3 (3.2)	63.4 (2.4)
Mexican Americans	249	218	68.9 (0.9)	68.0 (1.2)	133.0 (1.0)	131.5 (2.4)	66.5 (2.5)	68.5 (4.4)

Data were age-adjusted to NHANES 2005-2008 diabetic population.

\* diastolic blood pressure (standard error)

† systolic blood pressure (standard error)

All P>0.05 for comparisons between the two time periods

SUPPLEMENTARY DATA

**Supplementary Table 4. Prevalence of Hypertension, Awareness, Treatment, and Control among Adults with Diabetes and Hypertension, 2001-2004 vs. 2005-2008**

	Prevalence %(se)		Among adults with hypertension					
			Awareness %(se)		Treatment % (se)		Control % (se)	
	2001-2004	2005-2008	2001-2004	2005-2008	2001-2004	2005-2008	2001-2004	2005-2008
Age (years)								
20-44	27.2 (4.2)	42.8 (5.4) <sup>‡</sup>	94.4 (3.3)	81.5 (6.3)	90.3 (4.3)	76.4 (6.4)	53.4 (9.5)	57.7 (7.3)
45-64	66.9 (3.9)	65.4 (2.9)	94.5 (1.4)	96.0 (1.0)	89.5 (2.0)	90.3 (1.6)	57.6 (4.3)	59.8 (3.6)
65+	82.9 (2.1)	80.5 (2.2)	91.2 (1.9)	90.8 (1.9)	89.3 (2.2)	89.2 (2.1)	49.1 (3.6)	45.4 (2.9)
Age-adjusted								
Total	66.9 (2.0)	67.7 (1.8)	93.2 (1.2)	91.8 (1.5)	89.6 (1.8)	87.8 (1.7)	53.7 (2.7)	54.0 (2.3)
Men	61.4 (2.8)	66.1 (2.9)	92.1 (2.1)	90.0 (1.8)	87.7 (2.7)	85.4 (2.1)	56.6 (5.0)	53.4 (3.4)
Women	72.1 (2.4)	69.0 (2.1)	94.2 (1.2)	93.8 (1.5)	91.1 (1.6)	90.4 (2.0)	51.9 (2.9)	56.4 (3.1)
NH-whites	65.7 (2.3)	67.4 (2.4)	94.9 (1.1)	93.0 (2.0)	90.8 (1.7)	89.9 (2.2)	57.6 (4.5)	57.6 (3.4)
NH-blacks	80.3 (3.3)	78.9 (2.4)	94.8 (1.6)	94.3 (2.0)	91.8 (2.1)	89.6 (2.6)	47.7 (4.1)	51.8 (3.2)
Mexican Americans	61.9 (2.9)	61.0 (4.9)	84.8 (3.2)	81.2 (3.3)	80.5 (3.7)	72.1 (2.4)	46.6 (4.8)	44.6 (3.8)

Data were age-adjusted to NHANES 2005-2008 diabetic population.

Abbreviation: se, standard error.

<sup>‡</sup>: p=0.02.

For all others, p>0.05.