

**SUPPLEMENTARY TABLE 1. Age-standardized stroke death rates and annual percentage change by selected characteristics, adults aged ≥35 years — United States, 2000–2015**

Characteristic	No. stroke deaths (age-standardized rate)*		Average APC (95% CI)		Trend segment 1		Trend segment 2		Trend segment 3		Trend segment 4	
	2000	2015	2000–2015	Year	APC (95% CI)	Year	APC (95% CI)	Year	APC (95% CI)	Year	APC (95% CI)	
<b>Total</b>	166,611 (118.4)	139,367 (73.3)	-3.1 (-3.9 to -2.3)	2000–2003	-3.4 (-5.1 to -1.5) <sup>†</sup>	2003–2006	-6.6 (-10.2 to -2.8) <sup>†</sup>	2006–2013	-3.1 (-3.8 to -2.4) <sup>†</sup>	2013–2015	2.5 (-1.6 to 6.9)	
<b>Sex</b>												
Men	64,228 (121.3)	57,750 (73.6)	-3.3 (-4.0 to -2.6)	2000–2003	-3.7 (-5.4 to -2.1) <sup>†</sup>	2003–2006	-6.7 (-10.0 to -3.3) <sup>†</sup>	2006–2012	-3.4 (-4.2 to -2.6) <sup>†</sup>	2012–2015	0.8 (-1.0 to 2.6)	
Women	102,383 (114.9)	81,617 (71.8)	-3.1 (-4 to -2.2)	2000–2003	-3.2 (-5.1 to -1.2) <sup>†</sup>	2003–2006	-6.5 (-10.4 to -2.4) <sup>†</sup>	2006–2013	-3.2 (-4.0 to -2.5) <sup>†</sup>	2013–2015	2.7 (-1.9 to 7.5)	
<b>Age (yrs)</b>												
35–54	8,610 (10.4)	7,095 (8.5)	-1.4 (-1.8 to -1.0)	2000–2006	-0.5 (-1.4 to 0.3)	2006–2015	-2.0 (-2.5 to -1.5) <sup>†</sup>	— <sup>§</sup>	—	—	—	
55–64	9,956 (41.0)	12,116 (29.6)	-2.1 (-2.7 to -1.6)	2000–2004	-4.3 (-5.7 to -2.9) <sup>†</sup>	2004–2010	-2.5 (-3.5 to -1.6) <sup>†</sup>	2010–2015	0.1 (-0.8 to 1.1)	—	—	
65–74	23,649 (128.6)	20,793 (75.5)	-3.5 (-4.1 to -3.0)	2000–2009	-4.8 (-5.1 to -4.6) <sup>†</sup>	2009–2013	-2.8 (-4.5 to -1.1) <sup>†</sup>	2013–2015	0.9 (-2.4 to 4.3)	—	—	
75–84	57,020 (461.3)	38,012 (273.0)	-3.5 (-4.3 to -2.7)	2000–2003	-3.7 (-5.4 to -1.9) <sup>†</sup>	2003–2006	-7.0 (-10.5 to -3.3) <sup>†</sup>	2006–2013	-3.2 (-3.9 to -2.5) <sup>†</sup>	2013–2015	1.3 (-3.0 to 5.9)	
≥85	67,376 (1589.2)	61,351 (975.8)	-3.2 (-4.5 to -2.0)	2000–2003	-2.9 (-5.7 to 0.0)	2003–2006	-8.0 (-13.5 to -2.0) <sup>†</sup>	2006–2013	-3.3 (-4.4 to -2.3) <sup>†</sup>	2013–2015	4.4 (-2.0 to 11.1)	
<b>Race/Ethnicity<sup>†</sup></b>												
White	137,981 (115.2)	106,770 (71.3)	-3.2 (-3.9 to -2.4)	2000–2003	-3.5 (-5.2 to -1.8) <sup>†</sup>	2003–2006	-6.8 (-10.3 to -3.2) <sup>†</sup>	2006–2013	-3.0 (-3.6 to -2.3) <sup>†</sup>	2013–2015	2.5 (-1.7 to 6.7)	
Black	18,850 (161.1)	17,593 (102.0)	-3.0 (-3.7 to -2.3)	2000–2002	-2.1 (-6.4 to 2.5)	2002–2012	-4.5 (-5.0 to -4.1) <sup>†</sup>	2012–2015	1.6 (-0.9 to 4.1)	—	—	
Hispanic	6,018 (89.7)	9,599 (62.5)	-2.4 (-2.9 to -2.0)	2000–2013	-3.6 (-3.9 to -3.4) <sup>†</sup>	2013–2015	5.8 (2.1 to 9.6) <sup>†</sup>	—	—	—	—	
AI/AN	549 (97.2)	634 (62.1)	-3.3 (-3.9 to -2.8)	2000–2015	-3.3 (-3.9 to -2.8) <sup>†</sup>	—	—	—	—	—	—	
A/PI	3,213 (103.3)	4,771 (58.5)	-4.1 (-4.7 to -3.6)	2000–2009	-5.3 (-6.0 to -4.6) <sup>†</sup>	2009–2015	-2.3 (-3.5 to -1.2) <sup>†</sup>	—	—	—	—	
<b>Census regions</b>												
Northeast	29,155 (96.6)	22,195 (60.0)	-3.1 (-4.0 to -2.3)	2000–2003	-3.8 (-5.6 to -2.0) <sup>†</sup>	2003–2006	-6.3 (-10.0 to -2.4) <sup>†</sup>	2006–2013	-2.5 (-3.3 to -1.8) <sup>†</sup>	2013–2015	0.7 (-3.6 to 5.3)	
Midwest	40,959 (120.5)	31,240 (73.8)	-3.4 (-3.9 to -3.0)	2000–2009	-4.7 (-5.2 to -4.2) <sup>†</sup>	2009–2015	-1.5 (-2.6 to -0.5) <sup>†</sup>	—	—	—	—	
South	62,529 (127.8)	57,142 (82.6)	-2.9 (-3.7 to -2.1)	2000–2003	-3.3 (-5.1 to -1.5) <sup>†</sup>	2003–2006	-6.0 (-9.6 to -2.2) <sup>†</sup>	2006–2013	-3.3 (-3.9 to -2.6) <sup>†</sup>	2013–2015	4.2 (0.1 to 8.5) <sup>†</sup>	
West	33,968 (122.7)	28,790 (68.9)	-3.9 (-4.8 to -2.9)	2000–2003	-3.1 (-5.4 to -0.8) <sup>†</sup>	2003–2006	-8.4 (-12.9 to -3.7) <sup>†</sup>	2006–2012	-4.1 (-5.3 to -3.0) <sup>†</sup>	2012–2015	0.6 (-2.0 to 3.3)	
<b>Men aged 35–64 years</b>												
White	6,187 (15.6)	6,157	-0.2 (-0.6 to 0.3)	2000–	-3.7 (-7.1 to -0.1) <sup>†</sup>	2002–2015	0.4 (0.2 to	—	—	—	—	

Black	2,608 (46.9)	(15.2) 2,847 (39.7)	-1.1 (-2.2 to 0.0)	2002 2000– 2006	0.6) <sup>†</sup> -4.0 (-9.5 to 1.7)	2006–2009	—	2009– 2015	-0.1 (-1.1 to 0.9)	—	—
Hispanic	817 (16.3)	1,262 (13.2)	-1.1 (-2.2 to -0.1)	2000– 2006	0.0 (-1.0 to 1.0)	2006–2009	—	2009– 2015	-0.1 (-1.0 to 0.8)	—	—
AI/AN	75 (19.1)	90 (19.1)	0.2 (-1.0 to 1.3)	2000– 2015	0.2 (-1.0 to 1.3)	—	—	—	—	—	—
A/PI	341 (17)	504 (14.2)	-1.5 (-2.1 to -0.9)	2000– 2015	-1.5 (-2.1 to -0.9) <sup>†</sup>	—	—	—	—	—	—
<b>Men aged 65–74 years</b>											
White	9,200 (133.4)	7,763 (77.0)	-3.6 (-3.9 to -3.4)	2000– 2003	-4.6 (-5.2 to -4.0) <sup>†</sup>	2003–2006	—	2006– 2012	-3.2 (-1.0 to 0.4)	2012– 2015	-0.3 (-1.0 to 0.4)
Black	1,826 (273.4)	1,964 (175.1)	-3.0 (-3.7 to -2.3)	2000– 2012	-4.0 (-4.4 to -3.5) <sup>†</sup>	2012–2015	—	—	—	—	—
Hispanic	645 (136.1)	890 (86.4)	-3.1 (-4.0 to -2.3)	2000– 2012	-4.7 (-5.2 to -4.1) <sup>†</sup>	2012–2015	—	—	—	—	—
AI/AN	61 (155.7)	80 (97.9)	-3.2 (-4.5 to -1.8)	2000– 2015	-3.2 (-4.5 to -1.8) <sup>†</sup>	—	—	—	—	—	—
A/PI	310 (135.9)	423 (73.7)	-4.5 (-5.3 to -3.7)	2000– 2015	-4.5 (-5.3 to -3.7) <sup>†</sup>	—	—	—	—	—	—
<b>Men aged 75–84 years</b>											
White	20,425 (483.4)	13,174 (272.9)	-3.8 (-4.7 to -2.8)	2000– 2003	-4.2 (-6.3 to -2.1) <sup>†</sup>	2003–2006	-7.6 (-11.9 to -3.1) <sup>†</sup>	2006– 2012	-3.4 (-4.5 to -2.2) <sup>†</sup>	2012– 2015	-0.1 (-2.8 to 2.6)
Black	2,168 (668.9)	1,929 (423.0)	-3.1 (-3.8 to -2.4)	2000– 2011	-4.8 (-5.3 to -4.2) <sup>†</sup>	2011–2015	—	—	—	—	—
Hispanic	799 (392.9)	1,191 (265.9)	-2.7 (-3.6 to -1.7)	2000– 2012	-4.1 (-4.7 to -3.4) <sup>†</sup>	2012–2015	—	—	—	—	—
AI/AN	67 (414.1)	70 (229)	-3.3 (-5.2 to -1.3)	2000– 2015	-3.3 (-5.2 to -1.3) <sup>†</sup>	—	—	—	—	—	—
A/PI	487 (441.6)	636 (243)	-4.4 (-5.0 to -3.8)	2000– 2015	-4.4 (-5.0 to -3.8) <sup>†</sup>	—	—	—	—	—	—
<b>Men aged ≥85 years</b>											
White	16,027 (1,509.6)	15,940 (890.0)	-3.4 (-4.5 to -2.3)	2000– 2002	-2.0 (-7.8 to 4.2)	2002–2007	-7.1 (-9.0 to -5.2) <sup>†</sup>	2007– 2013	-3.2 (-4.6 to -1.7) <sup>†</sup>	2013– 2015	4.2 (-2.1 to 10.9)
Black	1,261 (1,480.7)	1,136 (827.2)	-3.8 (-4.7 to -2.8)	2000– 2003	-1.8 (-5.3 to 1.8)	2003–2010	-6.8 (-8.1 to -5.6) <sup>†</sup>	2010– 2015	-0.5 (-2.2 to 1.3)	—	—
Hispanic	511 (1,029.9)	1,075 (706.9)	-2.6 (-3.8 to -1.4)	2000– 2013	-4.2 (-4.8 to -3.6) <sup>†</sup>	2013–2015	—	—	—	—	—
AI/AN	39 (953.5)	45 (528.3)	-4.7 (-6.2 to -3.3)	2000– 2015	-4.7 (-6.2 to -3.3) <sup>†</sup>	—	—	—	—	—	—
A/PI	374 (1412.2)	574 (672.9)	-5.2 (-6.0 to -4.4)	2000– 2008	-6.7 (-7.9 to -5.5) <sup>†</sup>	2008–2015	-3.4 (-4.7 to -2.0) <sup>†</sup>	—	—	—	—
<b>Women aged 35–64 years</b>											
White	5,225 (12.9)	4,920 (12.0)	-0.3 (-1.0 to 0.4)	2000– 2013	-1.0 (-1.3 to -0.7) <sup>†</sup>	2013–2015	—	—	—	—	—
Black	2,330 (36.0)	2,141 (26.1)	-2.4 (-2.7 to -2.1)	2000– 2015	-2.4 (-2.7 to -2.1) <sup>†</sup>	—	—	—	—	—	—
Hispanic	608 (12.2)	831 (8.8)	-2.5 (-3.0 to -2.0)	2000– 2015	-2.5 (-3.0 to -2.0) <sup>†</sup>	—	—	—	—	—	—
AI/AN	69 (16.4)	83 (16.4)	-0.9 (-2.7 to 0.9)	2000–	-0.9 (-2.7 to 0.9)	—	—	—	—	—	—

A/PI	306 (13.7)	376 (9.2)	-2.7 (-3.2 to -2.1)	2015 2000–2015	-2.7 (-3.2 to -2.1) <sup>†</sup>	—	—	—	—	—	—
<b>Women aged 65–74 years</b>											
White	8,832 (107.9)	6,882 (61.9)	-3.7 (-4.4 to -2.9)	2000–2007	-5.1 (-5.7 to -4.4) <sup>†</sup>	2007–2013	-3.7 (-4.9 to -2.4) <sup>†</sup>	2013–2015	1.4 (-4.0 to 7.1)	—	—
Black	1,847 (194.5)	1,683 (113.0)	-3.6 (-4.4 to -2.8)	2000–2012	-4.6 (-5.0 to -4.1) <sup>†</sup>	2012–2015	0.2 (-3.9 to 4.4)	—	—	—	—
Hispanic	574 (95.2)	671 (54.0)	-4.0 (-4.4 to -3.5)	2000–2015	-4.0 (-4.4 to -3.5) <sup>†</sup>	—	—	—	—	—	—
AI/AN	43 (91.4)	69 (74.1)	-4.9 (-6.7 to -3.0)	2000–2015	-4.9 (-6.7 to -3.0) <sup>†</sup>	—	—	—	—	—	—
A/PI	311 (103.5)	368 (51.8)	-5.3 (-6.1 to -4.6)	2000–2015	-5.3 (-6.1 to -4.6) <sup>†</sup>	—	—	—	—	—	—
<b>Women aged 75–84 years</b>											
White	28,245 (439.4)	16,090 (261.8)	-3.4 (-4.0 to -2.8)	2000–2002	-2.2 (-5.2 to 0.8)	2002–2006	-6.1 (-7.7 to -4.6) <sup>†</sup>	2006–2013	-3.1 (-3.8 to -2.5) <sup>†</sup>	2013–2015	0.3 (-3.6 to 4.4)
Black	3,203 (556.3)	2,614 (354.8)	-3.3 (-4.2 to -2.3)	2000–2012	-4.5 (-5.1 to -4.0) <sup>†</sup>	2012–2015	2.0 (-3.2 to 7.4)	—	—	—	—
Hispanic	943 (311.3)	1,457 (230.0)	-2.2 (-3.4 to -1.0)	2000–2013	-3.2 (-3.8 to -2.7) <sup>†</sup>	2013–2015	4.9 (-5.0 to 15.7)	—	—	—	—
AI/AN	107 (433.2)	91 (224.2)	-4.4 (-5.6 to -3.1)	2000–2015	-4.4 (-5.6 to -3.1) <sup>†</sup>	—	—	—	—	—	—
A/PI	576 (384.7)	760 (221.3)	-4.2 (-4.8 to -3.5)	2000–2015	-4.2 (-4.8 to -3.5) <sup>†</sup>	—	—	—	—	—	—
<b>Women aged ≥85 years</b>											
White	43,840 (1665.0)	35,844 (1068.6)	-2.9 (-4.1 to -1.7)	2000–2003	-2.8 (-5.5 to 0.0)	2003–2006	-7.8 (-13.2 to -2.1) <sup>†</sup>	2006–2013	-2.9 (-4.0 to -1.9) <sup>†</sup>	2013–2015	4.6 (-1.8 to 11.3)
Black	3,607 (1573.0)	3,279 (998.7)	-3.0 (-4.7 to -1.2)	2000–2003	-0.8 (-4.9 to 3.5)	2003–2006	-7.8 (-15.7 to 0.8)	2006–2013	-4.0 (-5.5 to -2.5) <sup>†</sup>	2013–2015	5.4 (-3.6 to 15.2)
Hispanic	1,121 (1108.9)	2,222 (831.1)	-1.9 (-2.7 to -1.1)	2000–2013	-3.7 (-4.1 to -3.2) <sup>†</sup>	2013–2015	10.4 (3.4 to 17.9) <sup>†</sup>	—	—	—	—
AI/AN	88 (1010.2)	106 (687.5)	-2.7 (-4.0 to -1.4)	2000–2015	-2.7 (-4.0 to -1.4) <sup>†</sup>	—	—	—	—	—	—
A/PI	508 (1258)	1,130 (766)	-3.5 (-4.5 to -2.5)	2000–2011	-4.5 (-5.4 to -3.6) <sup>†</sup>	2011–2015	-0.8 (-4.2 to 2.8)	—	—	—	—

**Abbreviations:** A/PI = Asian/Pacific Islander; AI/AN = American Indian/Alaska Native; APC = annual percentage change; CI = confidence interval.

\* Per 100,000 persons, standardized to U.S. 2000 population with age groups 35–54, 55–64, 65–74, 75–84 and ≥85 years.

<sup>†</sup> Significant at p = 0.05.

<sup>§</sup> Dashes indicate that the best-fit joinpoint model did not include that trend segment.

<sup>¶</sup> Whites, blacks, American Indians/Alaska Natives, and Asian/Pacific Islanders are non-Hispanic. Hispanic persons might be of any race.