

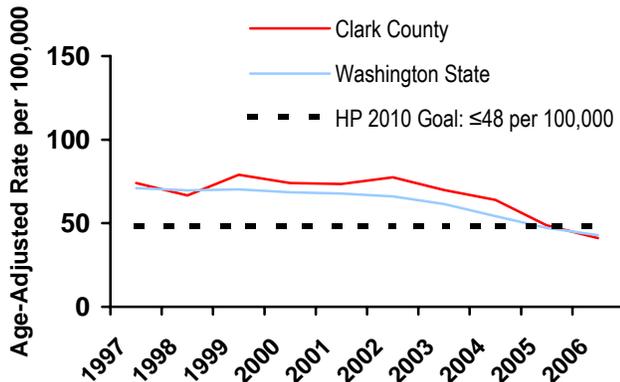


Stroke Deaths Clark County & Washington State 1997 through 2006

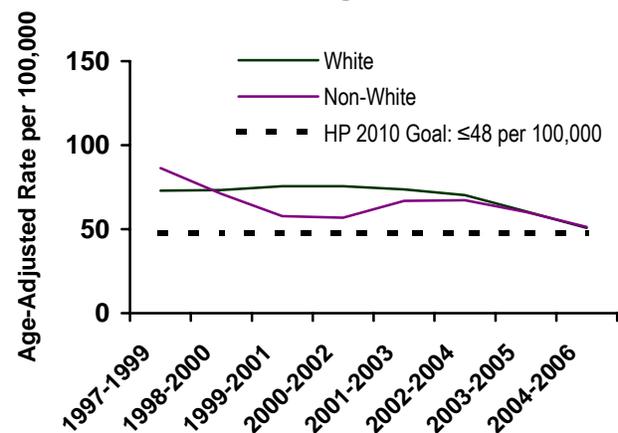
Why it Matters

Stroke is the third leading cause of death as well as a leading cause of serious, long-term disability in both Washington State and the nation. In 2003, Washington state had the 13th highest stroke mortality rate in the nation, and in 2003-2005 Clark County had the seventh highest rate in the state. In 2004, there were 12,814 hospitalizations with a principal diagnosis of stroke in Washington State, accounting for \$264 million in hospitalization costs.¹

**Stroke Death Rate
Clark County & Washington State
1997 through 2006**



**Stroke Death Rate, by Race
Clark County
1997-1999 through 2004-2006**



Status

- In 2006, the stroke death rate in Clark County and Washington State was 41.1 and 42.8 per 100,000, respectively.^{2,3}
- The Clark County stroke death rate is similar to the Washington State rate.^{2,3}
- The Clark County stroke death rate did not change significantly between 1997 and 2003 but did decline between 2003 and 2006.^{2,3}
- Both Clark County and Washington State have met the Healthy People 2010 goal of no more than 48 stroke deaths per 100,000.^{2,3,4}

Status: Race

- The stroke death rate in Clark County in 2004-2006 was 50.7 and 51.4 per 100,000 among White and Non-White residents, respectively.^{2,3}
- In Clark County, the stroke death rate among White residents declined significantly between 2002-2004 and 2004-2006.^{2,3}
- The stroke death rate among Non-White Clark County residents did not change significantly between 1997-1999 and 2004-2006.^{2,3}
- The stroke death rate was similar between White and Non-White residents during this time period.^{2,3}
- In 2006 in Clark County, both White and Non-White residents met the Healthy People 2010 goal.^{2,3,4}

What We Can Do

Risk factors for stroke include high blood pressure, cigarette smoking, diabetes, atrial fibrillation (irregular heart rhythm), high cholesterol, carotid stenosis (narrowing of the main blood vessels of the brain), obesity, and not knowing the symptoms of stroke.

Interventions include:¹

- Treat risk factors for stroke listed above
- Abstain from tobacco use; be physically active; and eat a healthy diet.
- Ensure widespread use of stroke standards of care in pre-hospital, hospital, and rehabilitation settings.
- Prevent a second stroke through the use of the strategies listed above.

Please see reverse side for data tables, technical notes, and sources.



For other formats

Clark County ADA Office, Voice (360) 397-2000
Relay (800) 833-6384, E-mail ADA@clark.wa.gov



Data Tables

Year	Clark County			Washington State		
	Rate*	95% CI**	Number	Rate*	95% CI**	Number
1997	74.0	(63.3, 86.0)	172	71.0	(68.7, 73.4)	3,532
1998	66.6	(56.8, 77.7)	165	69.6	(67.4, 72.0)	3,576
1999	78.9	(68.3, 90.7)	200	70.2	(68.0, 72.5)	3,705
2000	74.1	(64.0, 85.4)	193	68.6	(66.4, 70.8)	3,709
2001	73.5	(63.6, 84.5)	199	67.8	(65.7, 70.0)	3,760
2002	77.4	(67.5, 88.4)	219	66.1	(64.0, 68.2)	3,757
2003	69.8	(60.6, 80.0)	208	61.5	(59.5, 63.5)	3,588
2004	64.0	(55.4, 73.6)	200	54.3	(52.4, 56.2)	3,238
2005	48.8	(41.4, 57.2)	155	47.1	(45.4, 48.9)	2,883
2006	41.1	(34.5, 48.7)	138	42.8	(41.2, 44.5)	2,711

Year	Clark County			Clark County		
	Rate*	95% CI**	Number	Rate*	95% CI**	Number
1997-1999	72.9	(66.8, 79.5)	521	86.4	(52.8, 136.7)	24
1998-2000	73.3	(67.2, 79.7)	543	71.0	(41.9, 115.8)	21
1999-2001	75.6	(69.6, 82.1)	578	57.7	(31.5, 99.3)	16
2000-2002	75.5	(69.6, 81.9)	599	56.9	(31.3, 97.0)	16
2001-2003	73.8	(68.0, 79.9)	611	66.9	(39.1, 108.2)	20
2002-2004	70.3	(64.8, 76.1)	609	67.3	(40.6, 106.3)	23
2003-2005	60.5	(55.5, 65.9)	546	60.3	(35.3, 97.1)	21
2004-2006	50.7	(46.2, 55.5)	475	51.4	(30.0, 83.6)	21

* Rate per 100,000 deaths age-adjusted using the 2000 U.S. Standard Population.

** 95% Confidence Intervals around the death rate; if two confidence intervals overlap, there is generally no significant difference between the rates.

Technical Notes:

- Deaths coded using ICD-9 in 1997-1998 and ICD-10 in 1999-2006.
- ICD-9 Codes 430-434, 436-438; ICD-10 codes I60-I69
- If the rate for any given year or group of years is significantly higher or lower than the HP 2010 goal (using 95% confidence intervals) the rate is described as significantly higher or lower than the goal. If the goal falls within the confidence interval, the rate is described as similar to the goal.
- Non-White includes the following race/ethnicity categories: Black, Native American, Asian and Pacific Islander, and Hispanic.

Sources:

(1) Washington State Department of Health. Health of Washington State. Olympia, WA, 2007 Dec [2008 June 5]. Available from <http://www.doh.wa.gov/HWS/HWS2007.htm>. (2) Vital Registration System, Annual Statistics Files, Deaths 1997-2006. [Data file]. Olympia, WA: Washington State Department of Health, Center for Health Statistics. (3) Public Health Seattle & King County, Epidemiology, Planning and Evaluation. (1991-2008). VistaPHw 7.3.0.4, 5-14-2008 [Computer software for public health assessment]. Seattle, WA. (4) U.S. Department of Health and Human Services. Healthy People 2010. 2nd ed. Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000. Goal 12-7: Reduce stroke deaths to 48 per 100,000 population. Available online at: <http://www.healthypeople.gov/Document/tableofcontents.htm>.

