

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 1. Adult prevalence of high blood pressure, cardiovascular disease and high cholesterol (crude and age-adjusted prevalence), Colorado, 2003-2013.**

	High Blood Pressure		Cardiovascular Disease†				High Cholesterol					
	Crude prevalence		Age-adjusted prevalence		Crude prevalence		Age-adjusted prevalence					
	%	(95% CI)*	%	(95% CI)	%	(95% CI)	%	(95% CI)				
2003	19.8	(18.5-21.1)	20.8	(19.6-22.1)	4.7	(4.0-5.4)	5.3	(4.6-6.0)	31.9	(30.1-33.6)	30.0	(28.3-31.8)
2004	NA		NA		NA		NA		NA		NA	
2005	20.1	(19.0-21.2)	21.1	(20.1-22.1)	5.2	(4.7-5.8)	5.8	(5.3-6.4)	33.1	(31.7-34.6)	31.2	(29.8-32.6)
2006	NA		NA		5.3	(4.8-5.9)	5.9	(5.4-6.5)	NA		NA	
2007	21.2	(20.4-22.1)	22.0	(21.3-22.8)	5.6	(5.2-6.0)	6.1	(5.6-6.5)	33.5	(32.4-34.6)	31.5	(30.4-32.6)
2008	NA		NA		5.5	(5.0-5.9)	5.9	(5.5-6.3)	NA		NA	
2009	22.4	(21.4-23.3)	22.8	(21.9-23.6)	5.5	(5.0-5.9)	5.8	(5.3-6.3)	35.3	(34.0-36.6)	33.0	(31.7-34.3)
2010	NA		NA		6.0	(5.4-6.5)	6.2	(5.7-6.7)	NA		NA	
2011	25.0	(24.0-25.9)	24.7	(23.8-25.6)	5.4	(5.0-5.8)	5.6	(5.2-6.1)	33.5	(32.4-34.7)	29.9	(28.8-31.1)
2012	NA		NA		5.9	(5.4-6.4)	6.0	(5.5-6.5)	NA		NA	
2013	26.3	(25.4-27.2)	25.8	(24.9-26.6)	5.7	(5.2-6.1)	5.8	(5.3-6.2)	34.8	(33.7-35.9)	31.4	(30.3-32.5)

**Data source:** Colorado Behavioral Risk Factor Surveillance System, 2003-2013.

† Cardiovascular disease includes: heart attack, angina, coronary heart disease and/or stroke.

\* 95% confidence interval.

NA: Data not available.

**Table 2. Sodium-related cardiovascular disease prevention measures among adults with and without high blood pressure, Colorado 2011.**

	Track sodium intake daily		Healthcare provider ever advised on sodium intake		Always/ usually shop for low sodium options		Eat processed meat daily	
	%	(95% CI)*	%	(95% CI)	%	(95% CI)	%	(95% CI)
Adults with high blood pressure	42.7	(39.5-45.9)	39.6	(36.4-42.9)	45.3	(39.7-50.8)	9.9	(7.4-12.3)
Adults without high blood pressure	27.3	(25.1-29.6)	5.9	(4.7-7.0)	31.2	(27.6-34.9)	11.4	(9.4-13.4)
All adults	31.3	(29.4-33.2)	14.5	(13.2-15.8)	34.9	(31.7-38.0)	11.0	(9.4-12.6)

**Data source:** Colorado Behavioral Risk Factor Surveillance System, 2011.

\* 95% confidence interval.

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**Table 3. Adult prevalence of cardiovascular disease† by health statistics region, Colorado, 2013.**

	Crude prevalence		Age-adjusted prevalence	
	%	(95% CI)*	%	(95% CI)
COLORADO	5.7	(5.2-6.1)	5.8	(5.3-6.2)
<b>Health Statistic Regions:</b>				
1: Logan, Morgan, Phillips, Sedgwick, Washington, Yuma	9.2	(5.9-12.5)	8.0	(5.6-11.4)
2: Larimer	6.8	(4.7-8.9)	6.4	(4.7-8.6)
3: Douglas	3.9	(2.4-5.4)	4.4	(3.0-6.4)
4: El Paso	5.5	(4.1-6.9)	5.7	(4.5-7.3)
5: Cheyenne, Elbert, Kit Carson, Lincoln	8.1	(3.5-12.8)	6.4	(3.9-10.4)
6: Baca, Bent, Crowley, Huerfano, Kiowa, Las Animas, Otero, Prowers	10.5	(6.1-15.0)	8.3	(5.1-13.1)
7: Pueblo	11.0	(7.1-15.0)	10.2	(7.0-14.7)
8: Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache	7.1	(3.8-10.3)	5.5	(3.7-8.2)
9: Archuleta, Dolores, La Plata, Montezuma, San Juan	6.8	(4.5-9.2)	5.6	(4.0-7.7)
10: Delta, Gunnison, Hinsdale, Montrose, Ouray, San Miguel	5.8	(3.5-8.1)	4.7	(3.1-6.9)
11: Jackson, Moffat, Rio Blanco, Routt	4.3	(2.3-6.2)	4.1	(2.7-6.1)
12: Eagle, Garfield, Grand, Pitkin, Summit	3.3	(1.7-5.0)	4.1	(2.5-6.6)
13: Chaffee, Custer, Fremont, Lake	10.6	(7.1-14.1)	8.9	(6.0-13.0)
14: Adams	4.6	(3.2-6.0)	6.0	(4.6-7.8)
15: Arapahoe	3.2	(2.3-4.2)	3.6	(2.7-4.8)
16: Boulder, Broomfield	6.3	(4.4-8.3)	6.6	(4.9-8.8)
17: Clear Creek, Gilpin, Park, Teller	5.6	(2.7-8.5)	5.7	(3.7-8.8)
18: Weld	6.0	(4.1-8.0)	7.1	(5.2-9.5)
19: Mesa	5.7	(3.8-7.6)	4.9	(3.6-6.6)
20: Denver	6.3	(4.8-7.8)	7.3	(5.8-9.1)
21: Jefferson	6.0	(4.6-7.3)	5.6	(4.5-6.9)

**Data source:** Colorado Behavioral Risk Factor Surveillance System, 2013.

† Cardiovascular disease includes: heart attack, angina, coronary heart disease and/or stroke.

\* 95% confidence interval.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 4. Hospital discharge rates rates for heart disease, stroke and high blood pressure, Colorado, 2003-2013.**

	Heart disease			Stroke			High blood pressure		
	Crude rate	Age-adjusted rate (95% CI)*		Crude rate	Age-adjusted rate (95% CI)		Crude rate	Age-adjusted rate (95% CI)	
2003	2,310.4	2,781.4	(2,765.9-2,796.9)	342.1	418.4	(411.8-424.9)	2,516.1	2,963.7 (2,947.7-2,979.8)	
2004	2,303.8	2,734.2	(2,719.0-2,749.4)	338.6	407.7	(401.3-414.1)	2,639.3	3,061.2 (3,045.2-3,077.3)	
2005	2,370.5	2,768.1	(2,753.0-2,783.2)	347.0	410.5	(404.2-416.8)	2,747.8	3,135.1 (3,119.1-3,151.0)	
2006	2,393.0	2,772.7	(2,757.8-2,787.6)	348.4	408.6	(402.4-414.8)	2,817.8	3,188.3 (3172.5-3204.2)	
2007	2,346.6	2,689.4	(2,674.9-2,704.0)	334.3	386.5	(380.5-392.5)	2,810.6	3,137.8 (3122.2-3153.3)	
2008	2,380.2	2,669.5	(2,655.3-2,683.8)	358.0	405.1	(399.1-411.1)	2,912.0	3,187.3 (3,171.9-3,202.8)	
2009	2,367.4	2,590.3	(2,576.4-2,604.1)	353.2	388.7	(382.9-394.4)	2,918.2	3,120.7 (3,105.6-3,135.7)	
2010	2,327.3	2,490.4	(2,477.0-2,503.8)	355.1	383.1	(377.4-388.7)	2,916.0	3,051.0 (3,036.4-3,065.7)	
2011	2,308.8	2,419.6	(2,406.6-2,432.7)	350.9	370.3	(364.9-375.8)	2,919.2	2,993.2 (2,978.8-3,007.5)	
2012	2,225.3	2,275.8	(2,263.3-2,288.2)	340.2	350.2	(345.0-355.5)	2,834.1	2,839.2 (2,825.4-2,853.0)	
2013	2,134.4	2,134.3	(2,122.3-2,146.2)	333.0	334.6	(329.6-339.6)	2,709.3	2,657.9 (2,644.7-2,671.1)	

**Data source:** Hospital discharge dataset, Colorado Hospital Association; prepared by the Vital Statistics Unit, Colorado Department of Public Health and Environment.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

Counts represent hospitalizations with relevant diagnosis code in any of 15 diagnosis fields; therefore, a single hospitalization may be counted in more than one category.

ICD-9 codes: heart disease 390–398, 402, 404, 410–429; stroke 440; high blood pressure 401, 403

**Table 5. Death rates due to heart disease, stroke and high blood pressure, Colorado, 2003-2013.**

	Heart disease			Stroke			High blood pressure		
	Crude rate	Age-adjusted rate (95% CI)*		Crude rate	Age-adjusted rate (95% CI)		Crude rate	Age-adjusted rate (95% CI)	
2003	142.3	181.6	(177.2-186.0)	39.6	52.0	(49.6-54.4)	3.8	5.0	(4.3-5.8)
2004	131.2	163.8	(159.7-167.9)	35.4	45.1	(42.9-47.3)	4.6	6.1	(5.2-6.9)
2005	134.7	165.1	(161.0-169.2)	34.2	42.8	(40.7-44.9)	5.0	6.3	(5.5-7.2)
2006	128.5	153.1	(149.2-156.9)	32.1	39.2	(37.3-41.2)	4.4	5.4	(4.7-6.2)
2007	126.0	146.8	(143.1-150.5)	33.0	39.4	(37.5-41.4)	4.5	5.4	(4.6-6.1)
2008	125.1	143.1	(139.5-146.7)	31.2	36.6	(34.8-38.5)	4.9	5.7	(5.0-6.4)
2009	122.2	136.6	(133.2-140.1)	30.7	35.2	(33.5-37.0)	4.6	5.3	(4.6-6.0)
2010	119.4	131.5	(128.1-134.8)	31.8	35.7	(34.0-37.5)	5.2	5.8	(5.1-6.6)
2011	121.3	130.2	(126.9-133.4)	31.4	34.6	(32.9-36.3)	4.5	4.9	(4.2-5.5)
2012	121.5	126.6	(123.5-129.8)	30.2	32.3	(30.7-33.9)	5.1	5.5	(4.8-6.1)
2013	122.6	124.5	(121.5-127.6)	29.9	31.5	(29.9-33.0)	4.9	5.1	(4.5-5.8)

**Data source:** Vital Statistics, Colorado Department of Public Health and Environment.  
ICD-10 codes: heart disease I00–I09, I11, I13, I20–I51; stroke I60–I69; high blood pressure I10, I12  
Rates are per 100,000 population. Rates are age-adjusted to the 2000 U.S. population.

\* 95% confidence interval.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 6. Death rates due to heart disease, stroke and high blood pressure, by race/ethnicity, Colorado 2013.**

Selected race/ethnicity	Heart disease			Stroke			High blood pressure		
	Crude rate	Age-adjusted rate (95% CI)*		Crude rate	Age-adjusted rate (95% CI)		Crude rate	Age-adjusted rate (95% CI)	
White Non-Hispanic	148.5	125.3	(121.9-128.6)	35.1	30.3	(28.6-32.0)	5.5	4.7	(4.1-5.4)
Black	111.2	163.8	(143.2-184.4)	24.1	40.3	(29.5-51.1)	8.3	12.7	(6.9-18.5)
White Hispanic	55.3	115.6	(105.9-125.3)	17.0	36.9	(31.3-42.5)	3.0	7.1	(4.6-9.6)
Asian/Pacific Islander	45.3	80.5	(63.2-97.7)	19.0	33.3	(22.2-44.3)	2.1	4.2	(1.8-7.7)
American Indian/Alaska Native	37.1	67.1	(42.3-92.0)	8.7	12.3	(6.1-20.5)	**	**	

**Data source:** Vital Statistics, Colorado Department of Public Health and Environment.

ICD-10 codes: heart disease I00–I09, I11, I13, I20–I51; stroke I60–I69; high blood pressure I10, I12

Rates are per 100,000 population. Rates are age-adjusted to the 2000 U.S. population.

\* 95% confidence interval.

\*\* data suppressed due to fewer than three events.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 7. High blood pressure prevalence, Colorado, 2013.**

Selected demographic	Crude high blood pressure prevalence		Age-adjusted high blood pressure prevalence	
	(95% CI)*		(95% CI)	
<b>Age</b>				
18-24 years	7.8	(5.6-10.0)	NA	
25-34 years	11.5	(9.6-13.5)	NA	
35-44 years	16.6	(14.6-18.6)	NA	
45-54 years	25.8	(23.5-28.0)	NA	
55-64 years	37.5	(35.3-39.7)	NA	
65+ years	57.1	(55.2-59.0)	NA	
<b>Sex</b>				
Male	28.7	(27.3-30.1)	29.0	(27.7-30.4)
Female	23.9	(22.7-25.0)	22.5	(21.4-23.6)
<b>Race/Ethnicity</b>				
White	27.1	(26.1-28.1)	25.0	(24.0-26.0)
Black	34.8	(28.5-41.1)	37.5	(32.0-43.5)
Hispanic	21.8	(19.4-24.1)	26.9	(24.5-29.4)
Asian/Pacific Islander	13.6	(8.0-19.2)	20.9	(14.7-28.8)
American Indian/Alaska Native	28.3	(17.2-39.4)	31.0	(21.6-42.2)
Other	31.0	(23.0-38.9)	30.8	(23.7-38.9)
<b>Education</b>				
Less than high school	27.2	(23.5-30.8)	29.7	(26.4-33.1)
High school graduate	28.1	(26.2-30.0)	26.5	(24.8-28.4)
Some college	27.4	(25.7-29.1)	27.5	(25.8-29.1)
College graduate	23.6	(22.4-24.9)	22.4	(21.3-23.6)
<b>Annual income</b>				
Less than \$15,000	33.0	(29.1-36.8)	32.8	(29.5-36.3)
\$15,000-24,999	28.1	(25.6-30.7)	28.4	(26.1-30.9)
\$25,000-34,999	28.7	(25.6-31.9)	26.3	(23.4-29.3)
\$35,000-49,999	26.3	(23.8-28.9)	25.5	(23.2-27.9)
\$50,000 or more	23.7	(22.4-25.0)	23.9	(22.6-25.2)
<b>Sexual orientation</b>				
Heterosexual	27.2	(26.1-28.2)	26.2	(25.2-27.2)
Gay, lesbian, bisexual, or other	22.2	(17.2-27.1)	25.6	(21.1-30.7)

**Data source:** Colorado Behavioral Risk Factor Surveillance System, 2013.

\* 95% confidence interval.

NA: data not available.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 8. Cardiovascular disease† prevalence, Colorado, 2013.**

Selected demographic	Crude cardiovascular disease prevalence (95% CI)*		Age-adjusted cardiovascular disease prevalence (95% CI)	
<b>Age</b>				
18-24 years	0.6	(0.1-1.0)	NA	
25-34 years	1.4	(0.7-2.0)	NA	
35-44 years	2.4	(1.6-3.1)	NA	
45-54 years	3.8	(2.8-4.9)	NA	
55-64 years	7.6	(6.3-8.9)	NA	
65+ years	18.5	(16.9-20.0)	NA	
<b>Sex</b>				
Male	6.5	(5.8-7.2)	7.0	(6.3-7.7)
Female	4.8	(4.3-5.4)	4.7	(4.2-5.2)
<b>Race/Ethnicity</b>				
White	6.0	(5.5-6.5)	5.5	(5.1-6.0)
Black	4.7	(2.5-6.9)	5.8	(3.7-8.9)
Hispanic	4.5	(3.4-5.7)	5.8	(4.6-7.4)
Asian/Pacific Islander	2.1	(0.0-4.2)	6.9	(3.6-12.6)
American Indian/Alaska Native	9.2	(2.7-15.8)	11.0	(5.8-19.9)
Other	7.6	(3.8-11.5)	8.4	(5.1-13.6)
<b>Education</b>				
Less than high school	6.9	(4.9-8.8)	7.9	(6.1-10.2)
High school graduate	6.8	(5.8-7.7)	6.2	(5.4-7.2)
Some college	5.7	(4.9-6.5)	6.0	(5.3-6.9)
College graduate	4.5	(4.0-5.1)	4.8	(4.2-5.4)
<b>Annual income</b>				
Less than \$15,000	10.3	(7.9-12.6)	10.2	(8.2-12.6)
\$15,000-24,999	7.7	(6.4-9.1)	7.9	(6.7-9.4)
\$25,000-34,999	7.4	(5.8-9.0)	6.5	(5.2-8.1)
\$35,000-49,999	5.4	(4.2-6.5)	5.2	(4.2-6.4)
\$50,000 or more	3.8	(3.3-4.4)	4.6	(4.1-5.3)
<b>Sexual orientation</b>				
Heterosexual	5.6	(5.1-6.0)	5.6	(5.1-6.1)
Gay, lesbian, bisexual, or other	7.1	(4.3-10.0)	9.8	(7.0-13.6)

**Data source:** Colorado Behavioral Risk Factor Surveillance System, 2013.

† Cardiovascular disease includes: heart attack, angina, coronary heart disease and/or stroke.

\* 95% confidence interval.

NA: data not available.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 9. High cholesterol prevalence, Colorado, 2013.**

Selected demographic	Crude cardiovascular disease prevalence		Age-adjusted cardiovascular disease prevalence	
	(95% CI)*		(95% CI)	
<b>Age</b>				
18-24 years	10.0	(5.8-14.1)	NA	
25-34 years	15.0	(12.4-17.7)	NA	
35-44 years	25.0	(22.5-27.5)	NA	
45-54 years	34.3	(31.8-36.8)	NA	
55-64 years	46.2	(43.9-48.5)	NA	
65+ years	55.0	(53.0-57.0)	NA	
<b>Sex</b>				
Male	37.0	(35.4-38.7)	34.1	(32.4-35.8)
Female	32.8	(31.4-34.2)	28.8	(27.4-30.2)
<b>Race/Ethnicity</b>				
White	35.6	(34.4-36.8)	30.7	(29.5-31.9)
Black	33.3	(26.3-40.3)	32.6	(26.7-39.1)
Hispanic	34.4	(31.1-37.8)	34.8	(31.6-38.1)
Asian/Pacific Islander	24.6	(16.3-33.0)	25.6	(18.6-34.2)
American Indian/Alaska Native	29.6	(16.9-42.3)	31.3	(20.5-44.5)
Other	28.7	(20.7-36.7)	27.6	(20.5-36.0)
<b>Education</b>				
Less than high school	37.5	(32.3-42.6)	34.4	(29.6-39.4)
High school graduate	37.9	(35.5-40.3)	33.0	(30.6-35.6)
Some college	33.9	(31.9-36.0)	30.6	(28.7-32.7)
College graduate	33.6	(32.1-35.1)	30.6	(29.1-32.1)
<b>Annual income</b>				
Less than \$15,000	37.0	(32.3-41.7)	33.1	(28.6-37.9)
\$15,000-24,999	36.8	(33.4-40.2)	32.6	(29.4-36.0)
\$25,000-34,999	37.7	(33.8-41.6)	30.2	(26.9-33.8)
\$35,000-49,999	35.3	(32.2-38.4)	30.8	(27.9-33.9)
\$50,000 or more	33.4	(31.9-34.9)	31.9	(30.4-33.5)
<b>Sexual orientation</b>				
Heterosexual	35.7	(34.5-36.9)	31.9	(30.6-33.1)
Gay, lesbian, bisexual, or other	32.3	(25.4-39.1)	31.5	(25.3-38.5)

**Data source:** Colorado Behavioral Risk Factor Surveillance System, 2013.

\* 95% confidence interval.

NA: data not available.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 10. Crude and age-adjusted hospital discharge rates (per 100,000 population) by area-based poverty, Colorado, 2008-2012.**

	Total	<10%	10-19.9%	20-29.9%	30%+
<b>Cardiovascular Diseases</b>					
Major cardiovascular diseases (ICD-9 codes: 390-434,436-448)					
Count	877,152	365,311	282,115	139,327	90,399
Population	25,215,977	12,377,564	7,287,165	3,413,625	2,093,834
Crude rate	3,478.60	2,951.40	3,871.40	4,081.50	4,317.40
Age-adjusted rate	3,636.30	3,188.00	3,677.60	4,427.80	5,759.40
95% LCL	3,629.20	3,178.30	3,665.00	4,406.30	5,725.10
95% UCL	3,643.30	3,197.70	3,690.30	4,449.30	5,793.70
Heart disease (ICD-9 codes: 390-398,402,404,410-429)					
Count	522,660	217,654	170,209	82,905	51,892
Population	25,215,977	12,377,564	7,287,165	3,413,625	2,093,834
Crude rate	2,072.70	1,758.50	2,335.70	2,428.70	2,478.30
Age-adjusted rate	2,212.40	1,974.60	2,231.50	2,641.60	3,342.70
95% LCL	2,206.70	1,966.60	2,221.40	2,624.60	3,315.60
95% UCL	2,218.10	1,982.50	2,241.60	2,658.70	3,369.80
Primary high blood pressure and hypertensive renal disease (ICD-9 codes: 401,403)					
Count	655,238	269,368	210,598	105,468	69,804
Population	25,215,977	12,377,564	7,287,165	3,413,625	2,093,834
Crude rate	2,598.50	2,176.30	2,890.00	3,089.60	3,333.80
Age-adjusted rate	2,715.20	2,347.40	2,740.10	3,362.10	4,485.20
95% LCL	2,709.00	2,338.90	2,729.00	3,342.90	4,454.10
95% UCL	2,721.50	2,355.90	2,751.20	3,381.30	4,516.30
Cerebrovascular diseases/stroke (ICD-9 codes: 440)					
Count	79,087	32,705	25,856	12,568	7,958
Population	25,215,977	12,377,564	7,287,165	3,413,625	2,093,834
Crude rate	313.6	264.2	354.8	368.2	380.1
Age-adjusted rate	337.2	300.3	341.1	402.3	518
95% LCL	334.9	297	336.9	395.3	506.6
95% UCL	339.6	303.7	345.3	409.4	529.5

**Data source:** Hospital discharge dataset, Colorado Hospital Association; prepared by the Vital Statistics Unit, Colorado Department of Public Health and Environment. Population and poverty data: 2008-2012 5-year American Community Survey, U.S. Census Bureau.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

LCL and UCL represent the lower and upper limits of the 95% confidence interval of the age-adjusted rate.

Counts represent hospitalizations with relevant diagnosis code in any of 15 diagnosis fields; therefore, a single hospitalization may be counted in more than one category.



## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 11. The 20 leading causes of death, all race/ethnicity, Colorado, 2013.**

Rank	Cause	N	Crude rate	Age-adjusted rate	95% LCL	95% UCL
0	All Causes	33,715	640.37	650.25	643.41	657.09
1	Malignant neoplasms	7,364	139.87	138.14	134.93	141.35
2	Heart disease	6,454	122.59	124.52	121.47	127.58
3	Unintentional injuries	2,423	46.02	46.29	44.43	48.16
4	Chronic lower respiratory diseases	2,294	43.57	45.44	43.56	47.33
5	Cerebrovascular diseases	1,576	29.93	31.47	29.91	33.04
6	Alzheimers disease	1,318	25.03	26.93	25.47	28.39
7	Suicide	1,004	19.07	18.50	17.34	19.66
8	Diabetes mellitus	786	14.93	14.84	13.78	15.89
9	Chronic liver disease and cirrhosis	713	13.54	12.53	11.59	13.47
10	Influenza and pneumonia	608	11.55	11.89	10.93	12.85
11	Other diseases of respiratory system	459	8.72	9.05	8.21	9.89
12	Nephritis, nephrotic syndrome, nephrosis	452	8.59	8.93	8.09	9.76
13	Septicemia	394	7.48	7.58	6.82	8.34
14	Parkinsons disease	372	7.07	7.76	6.97	8.56
15	Pneumonitis due to solids and liquids	291	5.53	5.76	5.09	6.42
16	Other diseases of circulatory system	282	5.36	5.57	4.92	6.23
17	Essential (primary) hypertension (high blood pressure) and hypertensive renal disease	260	4.94	5.14	4.51	5.77
18	In situ neoplasms, benign neoplasms, unknown neoplasms	210	3.99	4.11	3.54	4.67
19	Homicide/legal intervention	194	3.68	3.76	3.23	4.29
20	Atherosclerosis	190	3.61	3.79	3.24	4.33
21	Perinatal period conditions	159	3.02	3.36	2.84	3.88
22	Congenital malformations, deformations, and chromosomal abnormalities	153	2.91	3.08	2.59	3.57
23	Certain other intestinal infections	118	2.24	2.31	1.89	2.73
24	Viral hepatitis	112	2.13	1.82	1.47	2.16
25	Injuries of undetermined intent	86	1.63	1.60	1.26	1.94
26	Other and unspecified infectious and parasitic diseases	78	1.48	1.53	1.18	1.87
27	Cholelithiasis and other disorders of gallbladder	61	1.16	1.20	0.90	1.51
28	Human immunodeficiency virus (HIV) disease	58	1.10	0.97	0.71	1.22
29	Other disorders of circulatory system	55	1.04	1.00	0.73	1.27
30	Nutritional deficiencies	54	1.03	1.09	0.80	1.39
31	Peptic ulcer	50	0.95	0.94	0.68	1.21
32	Anemias	49	0.93	0.98	0.70	1.26
33	Complications of medical and surgical care	48	0.91	0.91	0.65	1.17
34	Hernia	25	0.47	0.49	0.30	0.68
35	Pneumoconioses and chemical effects	23	0.44	0.48	0.28	0.67
36	Pregnancy, childbirth, and the puerperium	15	0.28	0.28	0.14	0.43
37	Meningitis	14	0.27	0.28	0.13	0.43
38	Infections of kidney	9	0.17	0.18	0.08	0.31
39	Hyperplasia of prostate	9	0.17	0.18	0.08	0.31
40	Tuberculosis	6	0.11	0.11	0.04	0.22
41	Diseases of appendix	5	0.09	0.11	0.04	0.22
42	Other acute lower respiratory infections	4	0.08	0.07	0.02	0.16

**Data source:** Vital Statistics, Colorado Department of Public Health and Environment.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

Leading causes of death follow standard CDC/NCHS categories for ranking leading causes. Causes are limited to leading ten, and when 3+ deaths in a category.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 12. Hospital discharge rates due to major cardiovascular diseases, Colorado, 2010-2012.**

	Major cardiovascular diseases (ICD-9 codes: 390-434, 436-448)				
	Hospitalizations (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Colorado	593,435	3,864.62	3,912.87	3,903.66	3,922.09
Adams	48,306	3,564.83	4,332.73	4,296.98	4,368.47
Alamosa	1,957	4,179.03	4,373.54	4,194.07	4,553.01
Arapahoe	68,308	3,891.14	4,101.43	4,072.99	4,129.88
Archuleta	923	2,554.52	1,833.95	1,713.02	1,954.89
Baca	618	5,456.47	3,098.35	2,844.12	3,352.58
Bent	1,000	5,386.19	4,419.00	4,165.20	4,672.79
Boulder	26,776	2,972.20	3,185.63	3,149.99	3,221.28
Broomfield	5,205	3,034.72	3,568.92	3,480.18	3,657.66
Chaffee	2,279	4,223.97	2,746.92	2,636.72	2,857.11
Cheyenne	364	6,523.30	4,706.51	4,237.44	5,175.59
Clear Creek	921	3,391.02	2,980.60	2,781.41	3,179.80
Conejos	1,170	4,711.85	3,869.96	3,657.52	4,082.40
Costilla	594	5,532.79	3,677.49	3,364.73	3,990.25
Crowley	709	4,176.73	4,052.80	3,777.28	4,328.31
Custer	573	4,498.70	2,754.26	2,519.01	2,989.52
Delta	5,186	5,658.17	3,696.91	3,598.33	3,795.50
Denver	80,675	4,335.60	4,575.49	4,546.13	4,604.84
Dolores	193	3,181.14	2,220.45	1,916.87	2,524.02
Douglas	22,707	2,586.73	3,769.15	3,723.23	3,815.08
Eagle	2,196	1,411.72	2,304.50	2,196.03	2,412.97
Elbert	2,442	3,501.78	3,591.47	3,449.55	3,733.39
El Paso	66,506	3,480.33	3,818.27	3,791.38	3,845.17
Fremont	7,176	5,084.85	3,767.50	3,684.44	3,850.56
Garfield	4,499	2,659.11	3,043.29	2,958.67	3,127.91
Gilpin	393	2,395.32	2,319.79	2,063.50	2,576.08
Grand	1,067	2,454.23	2,364.65	2,220.41	2,508.88
Gunnison	923	2,001.95	2,569.71	2,408.91	2,730.51
Hinsdale	59	2,388.66	1,892.90	1,383.94	2,401.85
Huerfano	1,384	7,018.97	3,971.47	3,750.41	4,192.53
Jackson	174	4,245.97	2,811.66	2,396.91	3,226.40
Jefferson	63,234	3,899.89	3,494.10	3,468.51	3,519.68
Kiowa	278	6,524.29	4,168.61	3,693.67	4,643.55
Kit Carson	1,073	4,368.00	3,457.81	3,264.69	3,650.93
Lake	818	3,725.97	4,780.49	4,512.48	5,048.50
La Plata	4,081	2,620.39	2,517.37	2,443.01	2,591.73
Larimer	35,143	3,836.30	3,785.95	3,749.71	3,822.19
Las Animas	2,809	6,187.22	4,164.78	4,015.77	4,313.80
Lincoln	784	4,805.69	3,609.77	3,369.56	3,849.98
Logan	3,371	5,063.92	4,157.39	4,025.46	4,289.31
Mesa	16,333	3,697.15	3,015.66	2,970.91	3,060.42
Mineral	111	5,255.68	3,168.72	2,504.48	3,832.96
Moffat	1,591	3,940.17	3,999.49	3,819.08	4,179.89
Montezuma	2,839	3,716.60	2,816.91	2,716.09	2,917.73
Montrose	5,212	4,244.58	3,190.52	3,106.96	3,274.09
Morgan	4,730	5,569.03	4,957.85	4,829.16	5,086.53
Otero	4,016	7,122.21	5,205.05	5,051.49	5,358.62
Ouray	354	2,648.51	2,034.34	1,821.77	2,246.91
Park	1,405	2,900.73	2,612.76	2,465.51	2,760.01
Phillips	924	7,000.00	4,308.37	4,047.91	4,568.83

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 12. (continued).**

Major cardiovascular diseases (ICD-9 codes: 390-434, 436-448)					
	Hospitalizations (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Pitkin	891	1,730.77	1,722.96	1,606.01	1,839.91
Prowers	2,155	5,772.84	4,950.26	4,752.50	5,148.02
Pueblo	29,596	6,157.34	5,053.85	4,999.34	5,108.35
Rio Blanco	807	3,999.01	3,761.83	3,524.37	3,999.28
Rio Grande	2,287	6,388.27	4,970.22	4,779.11	5,161.33
Routt	1,440	2,062.86	2,491.53	2,357.85	2,625.21
Saguache	488	2,608.37	2,173.26	1,980.34	2,366.18
San Juan	51	2,439.02	1,964.24	1,379.25	2,549.22
San Miguel	237	1,056.71	1,767.08	1,510.22	2,023.94
Sedgwick	454	6,395.27	3,517.54	3,192.02	3,843.05
Summit	1,110	1,319.48	1,957.82	1,820.92	2,094.71
Teller	2,712	3,869.81	3,489.22	3,360.15	3,618.30
Washington	847	5,909.85	3,900.99	3,647.38	4,154.60
Weld	33,401	4,302.67	4,972.04	4,924.33	5,019.75
Yuma	1,603	5,299.87	4,182.95	3,989.47	4,376.42
Region 1	11,929	5,512.99	4,420.38	4,346.37	4,494.40
Region 2	35,143	3,836.30	3,785.95	3,749.71	3,822.19
Region 3	22,707	2,586.73	3,769.15	3,723.23	3,815.08
Region 4	66,506	3,480.33	3,818.27	3,791.38	3,845.17
Region 5	4,663	4,013.08	3,598.81	3,501.15	3,696.47
Region 6	12,969	6,176.80	4,465.82	4,392.26	4,539.37
Region 7	29,596	6,157.34	5,053.85	4,999.34	5,108.35
Region 8	6,607	4,752.66	4,033.90	3,941.50	4,126.31
Region 9	8,087	2,925.65	2,483.14	2,430.82	2,535.46
Region 10	11,971	4,006.14	3,107.77	3,054.81	3,160.72
Region 11	4,012	2,983.72	3,209.69	3,115.11	3,304.27
Region 12	9,763	1,937.77	2,410.32	2,362.29	2,458.34
Region 13	10,846	4,720.37	3,468.49	3,406.04	3,530.94
Region 14	48,306	3,564.83	4,332.73	4,296.98	4,368.47
Region 15	68,308	3,891.14	4,101.43	4,072.99	4,129.88
Region 16	31,981	2,982.20	3,242.73	3,209.66	3,275.80
Region 17	5,431	3,350.73	3,054.26	2,970.65	3,137.87
Region 18	33,401	4,302.67	4,972.04	4,924.33	5,019.75
Region 19	16,333	3,697.15	3,015.66	2,970.91	3,060.42
Region 20	80,675	4,335.60	4,575.49	4,546.13	4,604.84
Region 21	63,234	3,899.89	3,494.10	3,468.51	3,519.68

**Data source:** Hospital discharge dataset, Colorado Hospital Association; prepared by the Vital Statistics Unit, Colorado Department of Public Health and Environment.

LCL and UCL represent the lower and upper limits of the 95% confidence interval of the age-adjusted rate.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

Counts represent hospitalizations with relevant diagnosis code in any of 15 diagnosis fields; therefore, a single hospitalization may be counted in more than one category.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 13. Hospital discharge rates due to heart disease, Colorado, 2010-2012.**

Heart disease (ICD-9 codes: 390-398, 402, 404, 410-429)					
	Hospitalizations (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Colorado	351,166	2,286.89	2,358.83	2,351.43	2,366.22
Adams	28,645	2,113.91	2,654.37	2,625.16	2,683.57
Alamosa	1,145	2,445.07	2,602.59	2,460.28	2,744.91
Arapahoe	40,572	2,311.17	2,499.07	2,476.00	2,522.14
Archuleta	593	1,641.20	1,181.91	1,085.21	1,278.62
Baca	423	3,734.77	2,057.05	1,851.57	2,262.52
Bent	583	3,140.15	2,558.62	2,362.10	2,755.13
Boulder	16,962	1,882.82	2,072.40	2,042.67	2,102.14
Broomfield	3,173	1,849.98	2,245.10	2,171.56	2,318.65
Chaffee	1,269	2,352.00	1,520.67	1,437.40	1,603.95
Cheyenne	199	3,566.31	2,466.59	2,123.88	2,809.29
Clear Creek	534	1,966.13	1,814.89	1,654.68	1,975.10
Conejos	714	2,875.44	2,310.96	2,147.18	2,474.75
Costilla	349	3,250.75	2,107.48	1,872.80	2,342.16
Crowley	447	2,633.28	2,602.67	2,373.29	2,832.04
Custer	336	2,637.98	1,715.98	1,520.83	1,911.13
Delta	2,925	3,191.32	2,009.36	1,937.42	2,081.29
Denver	47,309	2,542.46	2,705.42	2,682.17	2,728.68
Dolores	114	1,879.02	1,299.45	1,065.31	1,533.58
Douglas	13,180	1,501.43	2,379.92	2,340.60	2,419.24
Eagle	1,278	821.57	1,514.43	1,420.10	1,608.77
Elbert	1,443	2,069.23	2,319.50	2,199.01	2,439.98
El Paso	38,051	1,991.25	2,233.05	2,211.73	2,254.37
Fremont	4,273	3,027.81	2,216.61	2,152.19	2,281.03
Garfield	2,714	1,604.09	1,893.19	1,824.08	1,962.29
Gilpin	230	1,401.84	1,498.51	1,281.09	1,715.93
Grand	609	1,400.77	1,443.74	1,325.66	1,561.82
Gunnison	543	1,177.75	1,612.06	1,478.23	1,745.89
Hinsdale	26	1,052.63	792.09	505.00	1,079.17
Huerfano	877	4,447.71	2,382.56	2,217.82	2,547.31
Jackson	104	2,537.82	1,636.07	1,324.56	1,947.59
Jefferson	38,214	2,356.81	2,146.62	2,126.08	2,167.17
Kiowa	162	3,801.92	2,405.56	2,038.75	2,772.36
Kit Carson	714	2,906.57	2,276.32	2,117.91	2,434.74
Lake	528	2,405.03	3,216.96	2,977.33	3,456.59
La Plata	2,664	1,710.54	1,682.23	1,620.24	1,744.22
Larimer	21,175	2,311.52	2,308.77	2,279.55	2,337.99
Las Animas	1,596	3,515.42	2,294.13	2,183.64	2,404.62
Lincoln	507	3,107.76	2,285.57	2,093.26	2,477.89
Logan	2,087	3,135.09	2,544.36	2,439.08	2,649.63
Mesa	9,362	2,119.19	1,704.65	1,670.81	1,738.49
Mineral	63	2,982.95	1,734.08	1,289.78	2,178.39
Moffat	938	2,322.99	2,441.73	2,295.08	2,588.38
Montezuma	1,742	2,280.49	1,712.14	1,633.31	1,790.96
Montrose	2,957	2,408.14	1,771.16	1,708.72	1,833.60
Morgan	2,854	3,360.26	2,939.12	2,838.04	3,040.20
Otero	2,560	4,540.05	3,198.89	3,079.70	3,318.08
Ouray	211	1,578.63	1,186.72	1,021.36	1,352.09
Park	764	1,577.34	1,560.37	1,439.82	1,680.91
Phillips	622	4,712.12	2,829.24	2,615.79	3,042.69

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 13. (continued).**

Heart disease (ICD-9 codes: 390-398, 402, 404, 410-429)					
	Hospitalizations (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Pitkin	576	1,118.88	1,176.64	1,076.38	1,276.91
Prowers	1,370	3,669.97	3,071.56	2,915.90	3,227.22
Pueblo	16,708	3,476.04	2,780.09	2,739.50	2,820.68
Rio Blanco	478	2,368.68	2,292.57	2,101.08	2,484.07
Rio Grande	1,393	3,891.06	2,986.74	2,837.40	3,136.08
Routt	764	1,094.46	1,415.75	1,309.03	1,522.46
Saguache	279	1,491.26	1,277.36	1,126.93	1,427.80
San Juan	25	1,195.60	1,026.02	579.74	1,472.29
San Miguel	128	570.72	1,073.64	859.09	1,288.19
Sedgwick	277	3,901.96	2,097.76	1,844.06	2,351.46
Summit	594	706.10	1,209.30	1,090.35	1,328.25
Teller	1,480	2,111.84	2,025.23	1,920.60	2,129.86
Washington	525	3,663.13	2,361.64	2,164.17	2,559.10
Weld	19,845	2,556.41	3,025.71	2,986.71	3,064.70
Yuma	1,020	3,372.35	2,591.06	2,439.10	2,743.02
Region 1	7,385	3,412.98	2,680.99	2,622.60	2,739.38
Region 2	21,175	2,311.52	2,308.77	2,279.55	2,337.99
Region 3	13,180	1,501.43	2,379.92	2,340.60	2,419.24
Region 4	38,051	1,991.25	2,233.05	2,211.73	2,254.37
Region 5	2,863	2,463.96	2,277.23	2,197.19	2,357.27
Region 6	8,018	3,818.77	2,683.81	2,626.88	2,740.74
Region 7	16,708	3,476.04	2,780.09	2,739.50	2,820.68
Region 8	3,943	2,836.34	2,397.59	2,325.75	2,469.42
Region 9	5,138	1,858.79	1,594.48	1,552.02	1,636.95
Region 10	6,790	2,272.30	1,746.64	1,706.44	1,786.84
Region 11	2,284	1,698.61	1,933.01	1,855.82	2,010.20
Region 12	5,771	1,145.43	1,533.95	1,493.61	1,574.29
Region 13	6,406	2,788.01	2,030.24	1,981.89	2,078.60
Region 14	28,645	2,113.91	2,654.37	2,625.16	2,683.57
Region 15	40,572	2,311.17	2,499.07	2,476.00	2,522.14
Region 16	20,135	1,877.57	2,099.11	2,071.53	2,126.68
Region 17	3,008	1,855.83	1,813.75	1,745.85	1,881.66
Region 18	19,845	2,556.41	3,025.71	2,986.71	3,064.70
Region 19	9,362	2,119.19	1,704.65	1,670.81	1,738.49
Region 20	47,309	2,542.46	2,705.42	2,682.17	2,728.68
Region 21	38,214	2,356.81	2,146.62	2,126.08	2,167.17

**Data source:** Hospital discharge dataset, Colorado Hospital Association; prepared by the Vital Statistics Unit, Colorado Department of Public Health and Environment.

LCL and UCL represent the lower and upper limits of the 95% confidence interval of the age-adjusted rate.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

Counts represent hospitalizations with relevant diagnosis code in any of 15 diagnosis fields; therefore, a single hospitalization may be counted in more than one category.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 14. Hospital discharge rates due to primary high blood pressure and hypertensive renal disease, Colorado, 2010-2012.**

Primary high blood pressure and hypertensive renal disease (ICD-9 codes: 401, 403)					
	Hospitalizations (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Colorado	443,725	2,889.66	2,921.32	2,913.17	2,929.47
Adams	36,177	2,669.75	3,265.14	3,233.24	3,297.04
Alamosa	1,394	2,976.79	3,104.64	2,949.29	3,259.99
Arapahoe	51,275	2,920.86	3,077.53	3,052.29	3,102.78
Archuleta	629	1,740.84	1,203.50	1,105.87	1,301.13
Baca	415	3,664.14	2,083.93	1,875.02	2,292.84
Bent	789	4,249.70	3,488.27	3,258.43	3,718.11
Boulder	18,872	2,094.83	2,244.10	2,213.33	2,274.87
Broomfield	3,839	2,238.29	2,642.10	2,563.33	2,720.87
Chaffee	1,693	3,137.86	1,995.57	1,902.53	2,088.61
Cheyenne	279	5,000.00	3,552.23	3,148.54	3,955.91
Clear Creek	642	2,363.77	2,057.09	1,888.80	2,225.38
Conejos	857	3,451.33	2,810.66	2,627.25	2,994.08
Costilla	450	4,191.51	2,715.84	2,449.84	2,981.85
Crowley	549	3,234.17	3,119.66	2,873.80	3,365.53
Custer	415	3,258.22	1,896.25	1,708.79	2,083.72
Delta	3,863	4,214.72	2,740.27	2,654.29	2,826.25
Denver	61,926	3,328.00	3,519.90	3,493.62	3,546.18
Dolores	151	2,488.87	1,719.07	1,451.31	1,986.82
Douglas	16,666	1,898.55	2,793.20	2,751.72	2,834.67
Eagle	1,407	904.50	1,459.15	1,369.13	1,549.17
Elbert	1,763	2,528.11	2,539.27	2,416.77	2,661.77
El Paso	50,696	2,652.98	2,917.22	2,893.18	2,941.27
Fremont	5,530	3,918.51	2,867.66	2,795.05	2,940.28
Garfield	3,221	1,903.75	2,187.15	2,113.62	2,260.68
Gilpin	273	1,663.92	1,559.56	1,346.96	1,772.16
Grand	719	1,653.79	1,518.93	1,402.31	1,635.55
Gunnison	584	1,266.67	1,605.46	1,474.18	1,736.74
Hinsdale	48	1,943.32	1,552.95	1,075.29	2,030.60
Huerfano	994	5,041.08	2,861.39	2,670.06	3,052.71
Jackson	117	2,855.05	1,808.33	1,489.43	2,127.22
Jefferson	46,424	2,863.15	2,545.88	2,523.66	2,568.11
Kiowa	199	4,670.27	3,011.07	2,599.16	3,422.98
Kit Carson	694	2,825.16	2,240.91	2,080.31	2,401.51
Lake	411	1,872.10	2,286.54	2,068.84	2,504.24
La Plata	3,028	1,944.27	1,866.77	1,801.90	1,931.64
Larimer	26,147	2,854.27	2,813.60	2,781.51	2,845.68
Las Animas	2,121	4,671.81	3,124.86	2,993.91	3,255.82
Lincoln	554	3,395.86	2,560.91	2,353.99	2,767.82
Logan	2,515	3,778.03	3,092.10	2,976.43	3,207.77
Mesa	12,504	2,830.41	2,291.99	2,252.73	2,331.25
Mineral	78	3,693.18	2,179.29	1,611.76	2,746.83
Moffat	1,109	2,746.48	2,742.72	2,587.54	2,897.90
Montezuma	2,099	2,747.85	2,065.01	1,977.86	2,152.16
Montrose	3,914	3,187.50	2,372.42	2,299.86	2,444.97
Morgan	3,619	4,260.96	3,779.67	3,664.99	3,894.35
Otero	2,997	5,315.05	3,859.56	3,724.87	3,994.25
Ouray	236	1,765.67	1,365.68	1,188.74	1,542.62
Park	995	2,054.26	1,786.80	1,664.52	1,909.08

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

Table 14. (continued).

Primary high blood pressure and hypertensive renal disease (ICD-9 codes: 401, 403)					
	Hospitalizations (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Phillips	627	4,750.00	2,938.61	2,715.67	3,161.55
Pitkin	529	1,027.58	1,026.03	933.57	1,118.48
Prowers	1,490	3,991.43	3,422.72	3,252.95	3,592.48
Pueblo	23,055	4,796.51	3,919.37	3,870.66	3,968.08
Rio Blanco	592	2,933.60	2,742.14	2,532.63	2,951.64
Rio Grande	1,577	4,405.03	3,396.91	3,234.66	3,559.16
Routt	1,013	1,451.16	1,747.19	1,632.38	1,861.99
Saguache	356	1,902.83	1,553.33	1,389.16	1,717.49
San Juan	36	1,721.66	1,304.43	832.61	1,776.25
San Miguel	158	704.48	1,174.42	961.41	1,387.43
Sedgwick	312	4,394.99	2,361.90	2,097.83	2,625.96
Summit	745	885.60	1,265.04	1,150.74	1,379.34
Teller	1,984	2,831.01	2,508.30	2,395.06	2,621.53
Washington	625	4,360.87	2,862.21	2,641.44	3,082.97
Weld	25,703	3,311.03	3,842.20	3,798.93	3,885.46
Yuma	1,127	3,726.11	2,942.94	2,776.46	3,109.43
Region 1	8,825	4,078.47	3,259.65	3,194.78	3,324.51
Region 2	26,147	2,854.27	2,813.60	2,781.51	2,845.68
Region 3	16,666	1,898.55	2,793.20	2,751.72	2,834.67
Region 4	50,696	2,652.98	2,917.22	2,893.18	2,941.27
Region 5	3,290	2,831.45	2,496.41	2,413.24	2,579.57
Region 6	9,554	4,550.33	3,278.72	3,214.46	3,342.99
Region 7	23,055	4,796.51	3,919.37	3,870.66	3,968.08
Region 8	4,712	3,389.51	2,844.75	2,765.72	2,923.77
Region 9	5,943	2,150.01	1,809.17	1,764.09	1,854.26
Region 10	8,803	2,945.96	2,267.26	2,221.42	2,313.09
Region 11	2,831	2,105.41	2,232.30	2,151.00	2,313.61
Region 12	6,621	1,314.14	1,631.84	1,591.12	1,672.56
Region 13	8,049	3,503.07	2,537.23	2,483.64	2,590.81
Region 14	36,177	2,669.75	3,265.14	3,233.24	3,297.04
Region 15	51,275	2,920.86	3,077.53	3,052.29	3,102.78
Region 16	22,711	2,117.78	2,303.05	2,274.37	2,331.74
Region 17	3,894	2,402.46	2,147.61	2,076.04	2,219.19
Region 18	25,703	3,311.03	3,842.20	3,798.93	3,885.46
Region 19	12,504	2,830.41	2,291.99	2,252.73	2,331.25
Region 20	61,926	3,328.00	3,519.90	3,493.62	3,546.18
Region 21	46,424	2,863.15	2,545.88	2,523.66	2,568.11
Phillips	622	4,712.12	2,829.24	2,615.79	3,042.69

**Data source:** Hospital discharge dataset, Colorado Hospital Association; prepared by the Vital Statistics Unit, Colorado Department of Public Health and Environment.

LCL and UCL represent the lower and upper limits of the 95% confidence interval of the age-adjusted rate.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

Counts represent hospitalizations with relevant diagnosis code in any of 15 diagnosis fields; therefore, a single hospitalization may be counted in more than one category.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 15. Hospital discharge rates due to cerebrovascular diseases/stroke, Colorado, 2010-2012.**

Cerebral vascular disease/stroke (ICD-9 codes: 440)					
	Hospitalizations (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Colorado	53,545	348.70	362.12	359.03	365.20
Adams	4,454	328.69	418.04	405.61	430.48
Alamosa	167	356.62	368.32	312.15	424.50
Arapahoe	5,915	336.95	366.75	357.28	376.23
Archuleta	82	226.95	173.47	134.01	212.94
Baca	62	547.41	271.52	200.33	342.70
Bent	77	414.74	341.66	264.67	418.65
Boulder	2,561	284.28	317.94	305.43	330.45
Broomfield	516	300.85	363.89	332.12	395.66
Chaffee	212	392.93	255.66	220.20	291.11
Cheyenne	33	591.40	432.10	274.59	589.61
Clear Creek	82	301.91	250.55	190.77	310.33
Conejos	108	434.94	344.04	278.63	409.44
Costilla	46	428.46	241.12	170.44	311.80
Crowley	66	388.81	391.53	296.58	486.49
Custer	47	369.00	242.22	164.59	319.84
Delta	433	472.42	305.27	275.55	334.99
Denver	6,642	356.95	384.34	375.05	393.62
Dolores	8	131.86	89.43	30.02	180.44
Douglas	1,787	203.57	332.06	315.57	348.55
Eagle	165	106.07	191.69	156.20	227.18
Elbert	209	299.70	342.47	291.50	393.45
El Paso	6,771	354.33	399.06	389.51	408.61
Fremont	680	481.84	350.99	324.46	377.52
Garfield	345	203.91	246.57	219.92	273.22
Gilpin	27	164.56	187.69	107.07	268.32
Grand	96	220.81	218.86	172.24	265.48
Gunnison	80	173.52	238.33	183.09	293.57
Hinsdale	4	161.94	93.48	11.79	252.77
Huerfano	142	720.15	387.04	319.52	454.56
Jackson	24	585.65	468.22	264.89	671.54
Jefferson	5,679	350.25	320.34	311.92	328.77
Kiowa	17	398.97	237.85	121.36	354.34
Kit Carson	105	427.44	335.77	271.49	400.05
Lake	95	432.72	590.11	469.52	710.71
La Plata	350	224.73	223.29	199.38	247.20
Larimer	3,489	380.87	382.57	369.80	395.33
Las Animas	233	513.22	333.81	289.91	377.72
Lincoln	64	392.30	293.42	221.42	365.42
Logan	296	444.65	359.91	318.52	401.30
Mesa	1,534	347.24	276.22	262.28	290.16
Mineral	10	473.48	228.49	70.18	477.32
Moffat	104	257.56	271.78	218.28	325.28
Montezuma	226	295.86	223.57	194.00	253.14
Montrose	519	422.67	319.51	291.53	347.49
Morgan	352	414.44	368.70	330.03	407.36
Otero	308	546.23	379.66	336.54	422.77
Ouray	43	321.71	276.93	190.56	363.30
Park	140	289.04	298.71	242.32	355.10



## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 15. Hospital discharge rates due to cerebrovascular diseases/stroke, Colorado, 2010-2012.**

Cerebral vascular disease/stroke (ICD-9 codes: 440)					
	Hospitalizations (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Phillips	58	439.39	255.87	186.97	324.77
Pitkin	99	192.31	208.26	163.90	252.61
Prowers	195	522.37	429.01	367.69	490.32
Pueblo	2,894	602.09	477.59	460.04	495.13
Rio Blanco	64	317.15	302.99	228.12	377.86
Rio Grande	179	500.00	390.00	331.27	448.74
Routt	118	169.04	236.45	189.35	283.54
Saguache	33	176.39	137.71	88.88	186.55
San Juan	4	191.30	103.03	11.39	286.32
San Miguel	30	133.76	329.97	196.94	463.01
Sedgwick	44	619.81	351.11	239.47	462.76
Summit	107	127.19	201.51	149.49	253.53
Teller	242	345.31	332.32	285.93	378.72
Washington	85	593.08	379.53	297.84	461.23
Weld	2,920	376.15	450.20	433.80	466.60
Yuma	125	413.28	327.17	269.05	385.30
Region 1	960	443.66	352.88	330.35	375.42
Region 2	3,489	380.87	382.57	369.80	395.33
Region 3	1,787	203.57	332.06	315.57	348.55
Region 4	6,771	354.33	399.06	389.51	408.61
Region 5	411	353.72	325.44	293.15	357.73
Region 6	1,100	523.90	365.88	343.91	387.85
Region 7	2,894	602.09	477.59	460.04	495.13
Region 8	543	390.60	321.41	294.00	348.82
Region 9	670	242.39	209.89	193.76	226.02
Region 10	1,109	371.13	293.18	275.72	310.63
Region 11	310	230.55	263.32	232.75	293.89
Region 12	812	161.17	215.24	199.25	231.22
Region 13	1,034	450.02	330.19	309.82	350.56
Region 14	4,454	328.69	418.04	405.61	430.48
Region 15	5,915	336.95	366.75	357.28	376.23
Region 16	3,077	286.93	324.94	313.29	336.59
Region 17	491	302.93	295.56	266.32	324.80
Region 18	2,920	376.15	450.20	433.80	466.60
Region 19	1,534	347.24	276.22	262.28	290.16
Region 20	6,642	356.95	384.34	375.05	393.62
Region 21	5,679	350.25	320.34	311.92	328.77

**Data source:** Hospital discharge dataset, Colorado Hospital Association; prepared by the Vital Statistics Unit, Colorado Department of Public Health and Environment.

LCL and UCL represent the lower and upper limits of the 95% confidence interval of the age-adjusted rate.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

Counts represent hospitalizations with relevant diagnosis code in any of 15 diagnosis fields; therefore, a single hospitalization may be counted in more than one category.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 16. Death rates due to major cardiovascular diseases, Colorado, 2010-2012.**

	Major cardiovascular diseases (ICD-9 codes: 100-178)				
	Deaths (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Colorado	25,329	164.95	173.95	171.81	176.10
Adams	1,876	138.44	189.63	180.98	198.28
Alamosa	104	222.08	226.08	182.70	269.46
Arapahoe	2,462	140.25	155.73	149.52	161.94
Archuleta	67	185.43	145.69	109.01	182.37
Baca	73	644.53	295.15	220.97	369.32
Bent	39	210.06	164.60	112.72	216.47
Boulder	1,248	138.53	156.80	148.05	165.56
Broomfield	232	135.27	174.84	152.23	197.46
Chaffee	147	272.45	173.34	145.20	201.48
Cheyenne	22	394.27	239.39	135.82	342.95
Clear Creek	42	154.64	167.64	112.74	222.55
Conejos	86	346.34	267.25	211.03	323.48
Costilla	35	326.01	184.29	123.51	245.07
Crowley	18	106.04	108.64	57.98	159.30
Custer	26	204.13	136.57	82.17	190.96
Delta	289	315.31	184.66	163.20	206.12
Denver	3,256	174.98	183.77	177.43	190.12
Dolores	19	313.17	204.22	113.05	295.38
Douglas	666	75.87	147.65	136.01	159.29
Eagle	63	40.50	90.42	62.54	118.29
Elbert	81	116.15	161.19	123.89	198.50
El Paso	2,863	149.82	174.74	168.33	181.16
Fremont	475	336.58	236.95	215.72	258.19
Garfield	182	107.57	133.96	114.28	153.65
Gilpin	25	152.37	201.46	108.04	294.89
Grand	37	85.10	114.32	74.84	153.80
Gunnison	51	110.62	166.57	119.29	213.85
Hinsdale	4	161.94	136.65	29.77	321.07
Huerfano	88	446.29	209.74	163.79	255.69
Jackson	7	170.82	129.84	42.98	263.45
Jefferson	2,874	177.25	164.11	158.10	170.13
Kiowa	19	445.90	249.04	133.58	364.51
Kit Carson	71	289.03	218.53	167.29	269.77
Lake	26	118.43	174.37	105.10	243.64
La Plata	221	141.90	145.32	125.98	164.65
Larimer	1,628	177.72	175.66	167.13	184.19
Las Animas	142	312.78	193.58	161.25	225.90
Lincoln	43	263.58	182.56	126.72	238.39
Logan	166	249.37	179.01	151.23	206.79
Mesa	1,175	265.97	200.24	188.73	211.75
Mineral	7	331.44	190.74	50.00	422.06
Moffat	72	178.31	196.77	150.76	242.78
Montezuma	224	293.24	211.07	183.21	238.94
Montrose	403	328.20	225.84	203.70	247.97
Morgan	206	242.54	194.83	168.11	221.55
Otero	197	349.37	225.87	194.23	257.50
Ouray	20	149.63	139.19	76.68	201.69
Park	56	115.62	141.58	99.38	183.78

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

Table 16. (continued).

Major cardiovascular diseases (ICD-9 codes: 100-178)					
	Deaths (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Phillips	55	416.67	198.38	144.80	251.96
Pitkin	37	71.87	93.93	61.88	125.99
Prowers	98	262.52	202.64	162.07	243.21
Pueblo	1,265	263.18	198.24	187.19	209.28
Rio Blanco	33	163.53	156.09	102.87	209.31
Rio Grande	129	360.34	253.73	209.74	297.72
Routt	60	85.95	138.12	100.99	175.26
Saguache	25	133.63	121.81	72.98	170.65
San Juan	4	191.30	240.65	76.40	496.30
San Miguel	15	66.88	164.30	67.95	260.64
Sedgwick	39	549.37	262.66	173.97	351.35
Summit	34	40.42	87.89	47.27	128.51
Teller	103	146.97	168.73	132.99	204.47
Washington	51	355.85	200.52	145.13	255.90
Weld	1,170	150.72	187.77	177.00	198.54
Yuma	78	257.89	177.65	138.03	217.26
Region 1	595	274.98	192.19	176.56	207.83
Region 2	1,628	177.72	175.66	167.13	184.19
Region 3	666	75.87	147.65	136.01	159.29
Region 4	2,863	149.82	174.74	168.33	181.16
Region 5	217	186.76	176.09	152.29	199.89
Region 6	674	321.01	206.50	190.74	222.26
Region 7	1,265	263.18	198.24	187.19	209.28
Region 8	386	277.66	226.53	203.99	249.08
Region 9	535	193.55	169.48	155.04	183.93
Region 10	782	261.70	196.61	182.84	210.39
Region 11	172	127.92	160.54	136.02	185.05
Region 12	353	70.06	113.19	100.61	125.77
Region 13	674	293.34	209.51	193.74	225.28
Region 14	1,876	138.44	189.63	180.98	198.28
Region 15	2,462	140.25	155.73	149.52	161.94
Region 16	1,480	138.01	159.93	151.73	168.13
Region 17	226	139.43	163.89	140.19	187.59
Region 18	1,170	150.72	187.77	177.00	198.54
Region 19	1,175	265.97	200.24	188.73	211.75
Region 20	3,256	174.98	183.77	177.43	190.12
Region 21	2,874	177.25	164.11	158.10	170.13

**Data source:** Vital Statistics Unit, Colorado Department of Public Health and Environment.

LCL and UCL represent the lower and upper limits of the 95% confidence interval of the age-adjusted rate.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 17. Death rates due to heart disease, Colorado, 2010-2012.**

Heart disease (ICD-9 codes: I00-I09,I11,I13,I20-I51)					
	Deaths (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Colorado	18,541	120.74	126.62	124.79	128.46
Adams	1,352	99.77	134.85	127.57	142.13
Alamosa	79	168.7	168.86	131.59	206.14
Arapahoe	1,766	100.6	110.89	105.65	116.12
Archuleta	48	132.85	102.77	72.00	133.54
Baca	55	485.61	224.40	158.59	290.21
Bent	33	177.74	139.84	91.85	187.83
Boulder	934	103.68	116.64	109.08	124.19
Broomfield	167	97.37	124.49	105.45	143.53
Chaffee	100	185.34	115.75	93.11	138.40
Cheyenne	18	322.58	204.30	106.82	301.78
Clear Creek	31	114.14	109.76	66.74	152.78
Conejos	71	285.93	221.47	169.96	272.98
Costilla	26	242.18	136.19	83.91	188.48
Crowley	11	64.8	62.25	30.38	105.42
Custer	19	149.17	105.73	56.76	154.70
Delta	219	238.94	139.42	120.76	158.07
Denver	2,406	129.3	135.34	129.89	140.79
Dolores	16	263.72	173.51	89.10	257.92
Douglas	469	53.43	103.03	93.28	112.78
Eagle	46	29.57	66.98	42.64	91.31
Elbert	62	88.91	124.30	91.29	157.31
El Paso	2,048	107.17	123.95	118.54	129.35
Fremont	363	257.22	181.80	163.08	200.52
Garfield	141	83.34	102.90	85.64	120.15
Gilpin	20	121.9	163.03	77.11	248.94
Grand	23	52.9	76.79	43.81	109.77
Gunnison	37	80.25	120.34	79.92	160.76
Hinsdale	*	*	*	*	*
Huerfano	69	349.93	157.61	120.06	195.16
Jackson	5	122.01	92.57	22.86	209.05
Jefferson	2,152	132.72	122.22	117.02	127.42
Kiowa	16	375.5	208.43	102.88	313.98
Kit Carson	57	232.04	177.81	131.19	224.43
Lake	19	86.54	124.81	66.45	183.17
La Plata	174	111.72	113.52	96.38	130.65
Larimer	1,153	125.86	124.59	117.37	131.82
Las Animas	93	204.85	128.07	101.46	154.68
Lincoln	32	196.15	139.40	89.89	188.92
Logan	118	177.26	127.05	103.59	150.51
Mesa	879	198.97	150.29	140.26	160.33
Mineral	5	236.74	132.83	22.89	333.46
Moffat	51	126.3	137.47	99.21	175.72
Montezuma	163	213.39	153.96	129.98	177.94
Montrose	310	252.46	174.66	155.06	194.25
Morgan	146	171.9	138.58	115.94	161.22
Otero	151	267.79	173.77	145.91	201.63
Ouray	16	119.71	110.46	54.84	166.08
Park	45	92.91	115.48	77.05	153.91

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

Table 17. (continued).

Heart disease (ICD-9 codes: I00-I09,I11,I13,I20-I51)					
	Deaths (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Phillips	46	348.48	170.50	119.99	221.00
Pitkin	27	52.45	66.49	39.55	93.43
Prowers	60	160.73	127.85	94.94	160.76
Pueblo	874	181.83	138.18	128.88	147.48
Rio Blanco	22	109.02	102.06	59.28	144.83
Rio Grande	102	284.92	198.77	160.05	237.48
Routt	41	58.73	93.47	62.71	124.23
Saguache	21	112.25	104.38	58.82	149.93
San Juan	*	*	*	*	*
San Miguel	15	66.88	164.30	67.95	260.64
Sedgwick	30	422.59	208.14	126.78	289.50
Summit	26	30.91	61.32	28.96	93.69
Teller	79	112.73	129.58	98.04	161.13
Washington	35	244.21	137.00	91.18	182.81
Weld	884	113.88	141.45	132.09	150.82
Yuma	61	201.68	138.13	103.16	173.10
Region 1	436	201.50	141.11	127.66	154.56
Region 2	1,153	125.86	124.59	117.37	131.82
Region 3	469	53.43	103.03	93.28	112.78
Region 4	2,048	107.17	123.95	118.54	129.35
Region 5	169	145.45	136.51	115.47	157.55
Region 6	488	232.42	149.75	136.28	163.22
Region 7	874	181.83	138.18	128.88	147.48
Region 8	304	218.68	177.90	157.90	197.90
Region 9	403	145.79	126.60	114.11	139.10
Region 10	599	200.46	150.21	138.15	162.27
Region 11	119	88.50	109.55	89.34	129.76
Region 12	263	52.20	84.03	73.16	94.89
Region 13	501	218.04	155.29	141.68	168.89
Region 14	1,352	99.77	134.85	127.57	142.13
Region 15	1,766	100.60	110.89	105.65	116.12
Region 16	1,101	102.67	118.10	111.06	125.14
Region 17	175	107.97	124.66	103.96	145.37
Region 18	884	113.88	141.45	132.09	150.82
Region 19	879	198.97	150.29	140.26	160.33
Region 20	2,406	129.30	135.34	129.89	140.79
Region 21	2,152	132.72	122.22	117.02	127.42

**Data source:** Vital Statistics Unit, Colorado Department of Public Health and Environment.

LCL and UCL represent the lower and upper limits of the 95% confidence interval of the age-adjusted rate.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

\* Indicates fewer than three events in category.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 18. Death rates due to primary high blood pressure and hypertensive renal disease, Colorado, 2010-2012.**

Primary high blood pressure and hypertensive renal disease (ICD-9 codes: I10,I12)					
	Deaths (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Colorado	760	4.95	5.27	4.89	5.65
Adams	54	3.99	5.82	4.25	7.39
Alamosa	4	8.54	8.56	2.23	18.99
Arapahoe	78	4.44	5.02	3.89	6.16
Archuleta	4	11.07	7.24	1.13	18.68
Baca	*	*	*	*	*
Bent	*	*	*	*	*
Boulder	27	3	3.50	2.15	4.84
Broomfield	*	*	*	*	*
Chaffee	6	11.12	6.81	1.63	15.55
Cheyenne	*	*	*	*	*
Clear Creek	3	11.05	12.17	2.59	28.82
Conejos	*	*	*	*	*
Costilla	*	*	*	*	*
Crowley	3	17.67	18.06	3.50	43.93
Custer	*	*	*	*	*
Delta	5	5.46	4.08	0.99	9.27
Denver	112	6.02	6.39	5.19	7.59
Dolores	*	*	*	*	*
Douglas	16	1.82	3.34	1.60	5.07
Eagle	*	*	*	*	*
Elbert	*	*	*	*	*
El Paso	120	6.28	7.44	6.09	8.78
Fremont	11	7.79	5.45	2.28	9.99
Garfield	4	2.36	3.09	1.01	6.31
Gilpin	*	*	*	*	*
Grand	*	*	*	*	*
Gunnison	*	*	*	*	*
Hinsdale	*	*	*	*	*
Huerfano	*	*	*	*	*
Jackson	*	*	*	*	*
Jefferson	45	2.78	2.68	1.89	3.48
Kiowa	*	*	*	*	*
Kit Carson	*	*	*	*	*
Lake	*	*	*	*	*
La Plata	3	1.93	2.08	0.43	4.96
Larimer	49	5.35	5.20	3.73	6.68
Las Animas	9	19.82	12.87	4.55	25.42
Lincoln	*	*	*	*	*
Logan	4	6.01	3.89	0.59	10.07
Mesa	24	5.43	4.10	2.45	5.76
Mineral	*	*	*	*	*
Moffat	*	*	*	*	*
Montezuma	3	3.93	2.46	0.20	7.23
Montrose	7	5.7	3.61	1.03	7.76
Morgan	13	15.31	12.46	5.60	19.32
Otero	10	17.73	10.58	3.79	20.77
Ouray	*	*	*	*	*
Park	*	*	*	*	*

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 18. (continued).**

Primary high blood pressure and hypertensive renal disease (ICD-9 codes: I10,I12)					
	Deaths (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Phillips	*	*	*	*	*
Pitkin	*	*	*	*	*
Prowers	15	40.18	28.72	14.01	43.43
Pueblo	66	13.73	10.36	7.82	12.91
Rio Blanco	*	*	*	*	*
Rio Grande	*	*	*	*	*
Routt	6	8.60	15.14	7.39	25.64
Saguache	*	*	*	*	*
San Juan	*	*	*	*	*
San Miguel	*	*	*	*	*
Sedgwick	*	*	*	*	*
Summit	*	*	*	*	*
Teller	*	*	*	*	*
Washington	*	*	*	*	*
Weld	30	3.86	5.09	3.27	6.92
Yuma	*	*	*	*	*
Region 1	20	9.24	6.35	3.51	9.18
Region 2	49	5.35	5.20	3.73	6.68
Region 3	16	1.82	3.34	1.60	5.07
Region 4	120	6.28	7.44	6.09	8.78
Region 5	3	2.58	2.59	0.49	6.34
Region 6	43	20.48	12.63	8.81	16.46
Region 7	66	13.73	10.36	7.82	12.91
Region 8	7	5.04	3.93	1.33	7.92
Region 9	12	4.34	3.57	1.52	5.61
Region 10	14	4.69	3.60	1.68	5.51
Region 11	8	5.95	7.68	3.71	13.08
Region 12	7	1.39	3.09	1.75	4.81
Region 13	18	7.83	5.47	2.93	8.02
Region 14	54	3.99	5.82	4.25	7.39
Region 15	78	4.44	5.02	3.89	6.16
Region 16	28	2.61	3.13	1.95	4.31
Region 17	6	3.70	4.96	2.13	8.99
Region 18	30	3.86	5.09	3.27	6.92
Region 19	24	5.43	4.10	2.45	5.76
Region 20	112	6.02	6.39	5.19	7.59
Region 21	45	2.78	2.68	1.89	3.48

**Data source:** Vital Statistics Unit, Colorado Department of Public Health and Environment.

LCL and UCL represent the lower and upper limits of the 95% confidence interval of the age-adjusted rate.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

\* Indicates fewer than three events in category.

## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 19. Death rates due to cerebrovascular diseases/stroke Colorado, 2010-2012.**

Cerebrovascular diseases/stroke (ICD-9 codes: I60-I69)					
	Deaths (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Colorado	4,777	31.11	33.35	32.39	34.30
Adams	349	25.76	35.86	32.04	39.68
Alamosa	17	36.30	38.82	20.14	57.50
Arapahoe	470	26.77	30.27	27.48	33.05
Archuleta	14	38.75	33.35	15.15	51.54
Baca	8	70.63	27.95	5.64	67.21
Bent	5	26.93	19.96	4.81	45.45
Boulder	242	26.86	30.70	26.77	34.64
Broomfield	52	30.32	40.51	29.36	51.65
Chaffee	27	50.04	34.65	20.99	48.30
Cheyenne	*	*	*	*	*
Clear Creek	7	25.77	39.87	19.66	67.14
Conejos	13	52.35	39.96	18.28	61.64
Costilla	7	65.20	37.73	9.94	83.40
Crowley	3	17.67	22.11	5.40	50.13
Custer	5	39.26	24.35	4.79	58.98
Delta	49	53.46	31.03	22.31	39.74
Denver	563	30.26	32.12	29.44	34.81
Dolores	*	*	*	*	*
Douglas	139	15.83	32.25	26.68	37.81
Eagle	10	6.43	15.01	9.54	21.72
Elbert	15	21.51	31.08	14.32	47.83
El Paso	573	29.99	35.92	32.96	38.88
Fremont	79	55.98	39.03	30.39	47.66
Garfield	28	16.55	20.96	13.05	28.87
Gilpin	4	24.38	34.32	11.83	68.51
Grand	10	23	27.89	14.40	45.80
Gunnison	10	21.69	31.89	17.67	50.27
Hinsdale	*	*	*	*	*
Huerfano	15	76.07	43.93	18.41	69.44
Jackson	*	*	*	*	*
Jefferson	512	31.58	29.75	27.15	32.35
Kiowa	*	*	*	*	*
Kit Carson	9	36.64	25.93	9.70	49.97
Lake	5	22.77	33.06	13.39	61.48
La Plata	37	23.76	24.99	16.88	33.10
Larimer	349	38.10	37.57	33.59	41.55
Las Animas	34	74.89	44.09	29.14	59.04
Lincoln	9	55.17	33.35	11.21	67.25
Logan	36	54.08	37.75	25.18	50.32
Mesa	220	49.80	36.89	31.97	41.82
Mineral	*	*	*	*	*
Moffat	18	44.58	52.17	27.57	76.78
Montezuma	46	60.22	43.54	30.77	56.31
Montrose	68	55.38	37.88	28.73	47.03
Morgan	40	47.10	36.55	25.11	48.00
Otero	32	56.75	36.97	23.97	49.98
Ouray	3	22.45	20.17	3.28	51.43
Park	6	12.39	11.35	3.84	22.82



## Appendix: data tables for “Cardiovascular Disease Burden and Disparities in Colorado”

**Table 19. (continued).**

Cerebrovascular diseases/stroke (ICD-9 codes: I60-I69)					
	Deaths (count)	Crude rate	Age-adjusted rate	95% LCL	95% UCL
Phillips	8	60.61	22.84	4.33	55.89
Pitkin	9	17.48	23.81	12.35	39.00
Prowers	21	56.26	41.66	23.62	59.70
Pueblo	284	59.09	43.12	38.04	48.19
Rio Blanco	8	39.64	40.78	17.68	73.39
Rio Grande	22	61.45	45.89	26.09	65.68
Routt	11	15.76	24.58	14.33	37.59
Saguache	3	16.04	11.81	1.37	32.51
San Juan	*	*	*	*	*
San Miguel	*	*	*	*	*
Sedgwick	7	98.61	39.66	6.86	99.49
Summit	6	7.13	11.92	5.68	20.44
Teller	16	22.83	25.48	11.62	39.33
Washington	11	76.75	43.38	15.99	84.17
Weld	211	27.18	33.79	29.18	38.4
Yuma	13	42.98	29.67	13.39	45.95
Region 1	115	53.15	35.85	29.20	42.50
Region 2	349	38.10	37.57	33.59	41.55
Region 3	139	15.83	32.25	26.68	37.81
Region 4	573	29.99	35.92	32.96	38.88
Region 5	35	30.12	29.32	19.49	39.16
Region 6	120	57.15	36.74	30.03	43.44
Region 7	284	59.09	43.12	38.04	48.19
Region 8	64	46.04	38.34	28.85	47.84
Region 9	98	35.45	31.97	25.58	38.35
Region 10	130	43.51	33.19	27.42	38.95
Region 11	39	29.00	38.11	25.74	50.48
Region 12	63	12.50	19.87	14.59	25.16
Region 13	116	50.49	36.75	30.00	43.49
Region 14	349	25.76	35.86	32.04	39.68
Region 15	470	26.77	30.27	27.48	33.05
Region 16	294	27.42	32.31	28.56	36.07
Region 17	33	20.36	25.48	15.93	35.03
Region 18	211	27.18	33.79	29.18	38.40
Region 19	220	49.80	36.89	31.97	41.82
Region 20	563	30.26	32.12	29.44	34.81
Region 21	512	31.58	29.75	27.15	32.35

**Data source:** Vital Statistics Unit, Colorado Department of Public Health and Environment.

LCL and UCL represent the lower and upper limits of the 95% confidence interval of the age-adjusted rate.

Rates are per 100,000 population. Age-adjusted rates use the 2000 U.S. standard population.

\* Indicates fewer than three events in category.