

Colorado Behavioral Risk Factor Surveillance System, 2009

What kind of sewage disposal system does your home use?																
	Municipal sewer				Septic System				Other				Don't know/not sure			
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High
All adults	2,534,620	73.7	71.4	76.0	543,812	15.8	14.3	17.3	25,720	0.7	0.4	1.1	334,107	9.7	7.6	11.8
Age group																
18-29	401,745	56.3	47.2	65.4	108,074	15.1	9.3	21.0	9,968	1.4	0.0	3.0	193,714	27.1	18.6	35.7
30-49	1,077,362	79.0	76.7	81.2	192,589	14.1	12.3	15.9	5,696	0.4	0.1	0.7	88,751	6.5	5.0	8.0
50-69	791,342	77.2	75.2	79.2	188,211	18.4	16.6	20.1	8,386	0.8	0.4	1.2	37,223	3.6	2.5	4.8
70+	27,688	69.2	59.8	78.6	9,302	23.3	14.8	31.8	*	*	*	*	3,007	7.5	2.5	12.5
Sex																
Male	1,288,873	76.4	73.2	79.6	273,784	16.2	14.2	18.2	14,319	0.8	0.2	1.5	109,924	6.5	3.6	9.4
Female	1,245,747	71.1	67.9	74.4	270,028	15.4	13.1	17.7	11,401	0.7	0.4	0.9	224,183	12.8	9.9	15.7
Race and Ethnicity																
White	2,026,519	75.4	73.0	77.8	473,349	17.6	15.8	19.4	19,808	0.7	0.4	1.1	168,854	6.3	4.3	8.3
Black	66,364	64.5	43.8	85.2	5,613	5.5	1.1	9.9	1,170	1.1	0.0	3.4	29,755	28.9	6.8	51.0
Hispanic	347,592	69.3	62.9	75.7	40,924	8.2	5.3	11.1	4,438	0.9	0.0	2.5	108,711	21.7	15.8	27.5
Education																
< HS	168,229	68.7	59.9	77.5	27,009	11.0	5.4	16.7	626	0.3	0.0	0.6	48,960	20.0	12.6	27.4
HS diploma	500,114	61.3	55.4	67.3	158,447	19.4	15.0	23.9	10,411	1.3	0.0	2.6	146,620	18.0	12.0	23.9
Some college	711,189	74.4	69.7	79.0	148,835	15.6	12.9	18.2	4,671	0.5	0.2	0.8	91,819	9.6	5.3	13.9
College graduate	1,151,911	81.4	79.4	83.5	206,740	14.6	13.0	16.3	10,012	0.7	0.3	1.1	45,819	3.2	2.0	4.5
Income																
<\$15,000	109,501	54.8	43.3	66.4	42,701	21.4	8.2	34.5	6,285	3.1	0.0	7.3	41,299	20.7	12.2	29.2
\$15,000-\$24,999	256,770	71.3	64.9	77.6	49,302	13.7	9.6	17.8	1,213	0.3	0.0	0.6	52,975	14.7	9.9	19.5
\$25,000-\$34,999	178,714	71.5	61.7	81.3	30,085	12.0	8.3	15.7	521	0.2	0.0	0.5	40,621	16.3	5.6	26.9
\$35,000-\$49,999	299,891	72.1	66.9	77.2	87,280	21.0	16.5	25.4	1,185	0.3	0.0	0.6	27,739	6.7	3.2	10.1
\$50,000+	1,441,767	80.7	78.6	82.7	277,024	15.5	13.9	17.1	15,115	0.8	0.3	1.4	53,705	3.0	1.6	4.4
Employment Status																
Employed	1,587,348	76.0	73.6	78.3	346,703	16.6	14.9	18.3	12,556	0.6	0.2	1.0	142,941	6.8	4.9	8.8
Unemployed	193,365	66.6	55.0	78.2	41,975	14.5	4.5	24.4	3,476	1.2	0.1	2.3	51,450	17.7	7.5	27.9
Retired/student/homemaker	312,721	63.3	54.2	72.5	64,048	13.0	8.4	17.6	5,873	1.2	0.0	2.9	111,123	22.5	13.5	31.5
Unable to work	69,495	73.5	65.6	81.4	12,192	12.9	8.3	17.5	773	0.8	0.0	1.8	12,087	12.8	5.5	20.0

Source: Health Statistics Section, Colorado Department of Public Health and Environment

* insufficient data

When was the last time your septic tank was cleaned or pumped?																					
	Within the last 3 years				Within the last 3-5 years				Over 5 years ago				Never				Don't know/not sure				
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	
All adults	283,749	52.4	47.2	57.6	52,221	9.6	7.4	11.8	41,132	7.6	5.8	9.4	53,659	9.9	7.4	12.4	110,636	20.4	14.5	26.4	
Age group																					
18-29	38,128	35.3	17.4	53.2	3,566	3.3	0.0	7.2	*	*	*	*	5,692	5.3	0.0	12.2	60,688	56.2	36.9	75.4	
30-49	112,048	58.7	51.9	65.6	19,510	10.2	6.3	14.2	9,666	5.1	2.7	7.5	18,763	9.8	5.2	14.5	30,776	16.1	11.0	21.3	
50-69	105,203	56.0	50.9	61.2	21,170	11.3	8.1	14.5	23,890	12.7	9.0	16.4	21,050	11.2	8.2	14.2	16,448	8.8	5.5	12.0	
70+	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Sex																					
Male	146,071	53.7	47.4	60.1	29,970	11.0	7.7	14.3	24,463	9.0	6.1	11.9	31,022	11.4	7.4	15.4	40,247	14.8	9.3	20.3	
Female	137,677	51.1	42.9	59.2	22,251	8.3	5.4	11.1	16,668	6.2	4.2	8.2	22,637	8.4	5.5	11.3	70,389	26.1	16.0	36.2	
Race and Ethnicity																					
White	245,729	52.0	46.4	57.6	48,567	10.3	7.8	12.7	38,721	8.2	6.2	10.2	50,038	10.6	7.8	13.4	89,706	19.0	12.4	25.5	
Black	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2,684	47.8	9.3	86.3
Hispanic	19,211	49.1	30.9	67.4	2,433	6.2	0.1	12.4	1,834	4.7	0.0	9.7	988	2.5	0.1	4.9	14,632	37.4	17.6	57.2	
Education																					
< HS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HS diploma	78,811	49.9	37.1	62.8	13,044	8.3	4.4	12.2	10,588	6.7	3.3	10.1	10,829	6.9	4.1	9.7	44,550	28.2	12.6	43.9	
Some college	75,392	50.7	42.6	58.9	18,044	12.1	7.9	16.4	9,999	6.7	4.0	9.4	11,697	7.9	4.7	11.1	33,529	22.6	13.9	31.2	
College graduate	115,776	56.4	50.4	62.5	20,832	10.2	6.4	13.9	18,162	8.9	5.7	12.0	26,931	13.1	8.3	18.0	23,421	11.4	7.4	15.4	
Income																					
<\$15,000	8,795	20.6	3.0	38.2	4,392	10.3	0.0	21.1	1,248	2.9	0.0	6.5	1,931	4.5	0.0	9.3	26,336	61.7	31.7	91.6	
\$15,000-\$24,999	24,487	49.8	35.4	64.2	3,698	7.5	2.1	12.9	2,994	6.1	2.2	9.9	7,687	15.6	4.0	27.3	10,297	20.9	9.5	32.4	
\$25,000-\$34,999	15,210	50.6	36.0	65.1	1,464	4.9	0.8	9.0	2,462	8.2	2.6	13.7	2,730	9.1	2.5	15.7	8,219	27.3	13.0	41.7	
\$35,000-\$49,999	46,971	53.9	42.2	65.6	7,193	8.3	3.2	13.3	5,713	6.6	2.4	10.7	8,680	10.0	5.4	14.5	18,597	21.3	9.9	32.8	
\$50,000+	153,653	55.9	50.3	61.5	32,478	11.8	8.5	15.2	23,995	8.7	6.0	11.5	28,136	10.2	6.4	14.0	36,611	13.3	8.6	18.1	
Employment Status																					
Employed	184,429	53.5	48.2	58.8	36,625	10.6	7.7	13.6	26,564	7.7	5.4	10.1	34,903	10.1	6.7	13.6	62,182	18.0	13.0	23.1	
Unemployed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Retired/student/homemaker	37,420	58.6	41.5	75.6	2,137	3.3	0.6	6.1	2,607	4.1	1.0	7.2	3,376	5.3	0.0	10.6	18,357	28.7	12.3	45.2	
Unable to work	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

Source: Health Statistics Section, Colorado Department of Public Health and Environment

* insufficient data

Sewage disposal system by expired meds, BRFSS 2009																
	Municipal Sewer				Septic System				Some Other System				Unknown/Not Sure			
	Population	Percent	95% CI Lo	95% CI Hi	Population	Percent	95% CI Lo	95% CI Hi	Population	Percent	95% CI Lo	95% CI Hi	Population	Percent	95% CI Lo	95% CI Hi
Total Adults	2,347,468	73.4	71.0	75.7	67,882	16.1	14.5	17.6	6,471	0.7	0.3	1.1	30,032	9.9	7.7	12.1
Expired Medication Disposal																
Flush Down Toilet	281,689	73.0	67.9	78.1	67,882	17.6	13.5	21.7	6,471	1.7	0.0	3.6	30,032	7.8	4.1	11.5
Thrown in the Trash	874,298	74.8	71.1	78.5	156,215	13.4	11.4	15.3	4,196	0.4	0.1	0.6	134,186	11.5	7.8	15.1
Take to Medicine Collection Site	247,266	76.5	71.3	81.7	51,533	16.0	11.7	20.2	313	0.1	0.0	0.2	23,952	7.4	3.6	11.2
Other	291,069	77.2	72.9	81.4	61,259	16.2	12.8	19.6	3,557	0.9	0.1	1.8	21,292	5.6	2.6	8.6
Unknown	122,941	58.7	44.8	72.7	55,973	26.7	13.3	40.2	1,692	0.8	0.0	1.8	28,750	13.7	1.1	26.4
Do Not Take Medicine	530,206	72.1	66.2	78.0	120,830	16.4	13.2	19.7	6,682	0.9	0.0	2.0	77,845	10.6	4.8	16.4

Source: Health Statistics Section, Colorado Department of Public Health and Environment

* insufficient data

What kind of sewage disposal system does your home use?																				
	Municipal sewer				Septic System				Other				Don't know/not sure				Don't know/not sure			
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High
Colorado	2,534,620	73.7	71.4	76.0	543,812	15.8	14.3	17.3	25,720	0.7	0.4	1.1	334,107	9.7	7.6	11.8	110,636	20.4	14.5	26.4
Region 1	25,738	52.8	44.1	61.5	18,298	37.6	29.2	45.9	563	1.2	0.0	2.7	4,124	8.5	3.5	13.4	3,039	16.7	5.9	27.6
Region 2	157,279	73.0	57.9	88.0	28,948	13.4	8.0	18.9	1,192	0.6	0.0	1.3	28,157	13.1	0.0	29.6	*	*	*	*
Region 3	137,764	73.2	58.8	87.6	17,276	9.2	5.0	13.4	1,345	0.7	0.0	1.7	31,851	16.9	1.2	32.7	*	*	*	*
Region 4	300,160	74.9	69.5	80.3	61,828	15.4	11.0	19.8	7,105	1.8	0.0	3.8	31,830	7.9	4.4	11.5	13,091	21.2	5.6	36.8
Region 5	9,395	33.3	24.0	42.7	15,719	55.7	45.2	66.3	491	1.7	0.0	3.5	2,601	9.2	0.0	19.7	2,411	15.5	5.9	25.0
Region 6	30,649	60.9	48.6	73.2	17,276	34.3	21.9	46.8	574	1.1	0.0	2.8	1,807	3.6	0.0	7.2	5,448	31.5	2.1	61.0
Region 7	58,546	56.0	44.3	67.7	39,416	37.7	26.5	48.9	*	*	*	6,577	6.3	0.0	14.7	8,884	23.5	2.4	44.6	
Region 8	14,909	47.9	38.6	57.3	13,152	42.3	33.3	51.2	412	1.3	0.0	2.8	2,642	8.5	1.7	15.3	2,117	16.7	4.9	28.5
Region 11	23,405	69.0	60.5	77.5	8,176	24.1	16.7	31.5	430	1.3	0.0	3.1	1,910	5.6	0.0	11.3	*	*	*	*
Region 12	74,695	61.9	52.7	71.1	23,981	19.9	12.8	26.9	645	0.5	0.0	1.3	21,337	17.7	9.5	25.9	*	*	*	*
Region 13	23,808	43.8	32.7	54.8	28,949	53.2	41.9	64.5	438	0.8	0.0	1.8	1,186	2.2	0.0	5.1	7,933	27.4	6.3	48.5
Region 14	229,622	82.3	77.4	87.3	19,652	7.0	3.9	10.2	*	*	*	29,624	10.6	6.4	14.8	*	*	*	*	
Region 15	327,391	84.0	76.0	91.9	17,419	4.5	1.9	7.0	6,308	1.6	0.0	3.8	38,725	9.9	2.1	17.7	*	*	*	*
Region 16	209,997	83.7	76.0	91.5	25,554	10.2	3.8	16.6	1,099	0.4	0.0	1.3	14,207	5.7	1.1	10.3	*	*	*	*
Region 17	12,247	32.6	24.3	41.0	24,694	65.8	57.3	74.3	79	0.2	0.0	0.6	495	1.3	0.0	3.4	2,483	10.1	1.6	18.6
Region 18	123,007	72.8	64.0	81.6	25,641	15.2	9.9	20.5	*	*	*	20,293	12.0	3.5	20.5	*	*	*	*	
Region 19	79,870	78.3	69.1	87.5	18,123	17.8	9.0	26.6	*	*	*	4,013	3.9	0.4	7.5	*	*	*	*	
Region 20	346,780	83.6	77.2	89.9	3,210	0.8	0.0	1.6	*	*	*	65,050	15.7	9.4	22.0	*	*	*	*	
Region 21	294,630	77.0	69.5	84.5	64,300	16.8	9.4	24.3	2,793	0.7	0.1	1.4	20,984	5.5	2.8	8.2	22,367	34.8	2.3	67.2

Region 1: Logan, Morgan, Phillips, Sedgwick, Washington, Yuma Region 2: Larimer Region 3: Douglas Region 4: El Paso Region 5: Cheyenne, Elbert, Kit Carson, Lincoln Region 6: Baca, Bent, Crowley, Huerfano, Kiowa, Las Animas, Otero, Prowers Region 7: Pueblo Region 8: Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache Region 9: Archuleta, Dolores, La Plata, Montezuma, and San Juan Region 10: Delta, Gunnison, Hinsdale, Montrose, Ouray, San Miguel Region 11: Jackson, Moffat, Rio Blanco, Routt Region 12: Eagle, Garfield, Grand, Pitkin, Summit Region 13: Chaffee, Custer, Fremont, Lake Region 14: Adams Region 15: Arapahoe Region 16: Boulder, Broomfield Region 17: Clear Creek, Gilpin, Park, Teller Region 18: Weld Region 19: Mesa Region 20: Denver Region 21: Jefferson

Source: Health Statistics Section, Colorado Department of Public Health and Environment
 *insufficient data

When was the last time your septic tank was cleaned or pumped?																				
	Within the last 3 years				Within the last 3-5 years				Over 5 years ago				Never				Unknown			
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High
Colorado	283,749	52.4	47.2	57.6	52,221	9.6	7.4	11.8	41,132	7.6	5.8	9.4	53,659	9.9	7.4	12.4	110,636	20.4	14.5	26.4
Region 1	9,310	51.3	37.6	65.0	2,089	11.5	2.1	21.0	1,895	10.4	3.2	17.7	1,813	10.0	2.9	17.0	3,039	16.7	5.9	27.6
Region 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2,707	9.4	0.2	18.5
Region 3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1,839	10.6	0.0	22.8
Region 4	30,921	50.0	34.6	65.5	4,651	7.5	1.5	13.6	5,727	9.3	0.8	17.8	7,439	12.0	1.3	22.8	13,091	21.2	5.6	36.8
Region 5	7,931	50.8	39.6	62.1	2,079	13.3	6.4	20.2	1,985	12.7	5.1	20.3	1,197	7.7	2.5	12.9	2,411	15.5	5.9	25.0
Region 6	5,027	29.1	8.7	49.5	1,627	9.4	0.8	18.0	2,301	13.3	1.2	25.5	2,873	16.6	3.9	29.4	5,448	31.5	2.1	61.0
Region 7	15,113	40.0	22.0	58.0	6,239	16.5	4.4	28.6	1,031	2.7	0.0	5.9	6,516	17.2	3.0	31.5	8,884	23.5	2.4	44.6
Region 8	6,242	49.2	36.0	62.4	1,687	13.3	4.0	22.6	712	5.6	0.0	11.2	1,933	15.2	6.6	23.8	2,117	16.7	4.9	28.5
Region 9	16,249	40.8	27.5	54.2	4,653	11.7	3.9	19.5	2,463	6.2	1.7	10.6	8,777	22.1	6.6	37.5	7,656	19.2	5.9	32.6
Region 10	14,758	45.5	25.9	65.2	5,166	15.9	4.1	27.8	2,818	8.7	2.9	14.5	4,126	12.7	4.9	20.5	5,533	17.1	5.7	28.4
Region 11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	956	11.8	0.0	24.6
Region 12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5,584	23.3	3.7	42.8
Region 13	11,655	40.3	24.4	56.1	1,846	6.4	1.9	10.8	2,257	7.8	1.6	14.0	5,258	18.2	6.3	30.0	7,933	27.4	6.3	48.5
Region 14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4,398	22.4	0.4	44.4
Region 15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5,257	30.2	0.0	61.1
Region 16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Region 17	15,783	63.9	53.2	74.6	1,693	6.9	1.9	11.8	2,232	9.0	3.5	14.5	2,503	10.1	4.0	16.3	2,483	10.1	1.6	18.6
Region 18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2,887	11.3	0.3	22.2
Region 19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3,851	21.2	0.0	44.0
Region 20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2,194	68.4	33.2	100.0
Region 21	33,536	52.2	25.3	79.0	3,484	5.4	0.4	10.5	4,189	6.5	0.7	12.3	724	1.1	0.0	3.4	22,367	34.8	2.3	67.2

Region 1: Logan, Morgan, Phillips, Sedgwick, Washington, Yuma Region 2: Larimer Region 3: Douglas Region 4: El Paso Region 5: Cheyenne, Elbert, Kit Carson, Lincoln Region 6: Baca, Bent, Crowley, Huerfano, Kiowa, Las Animas, Otero, Prowers Region 7: Pueblo Region 8: Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache Region 9: Archuleta, Dolores, La Plata, Montezuma, and San Juan Region 10: Delta, Gunnison, Hinsdale, Montrose, Ouray, San Miguel Region 11: Jackson, Moffat, Rio Blanco, Routt Region 12: Eagle, Garfield, Grand, Pitkin, Summit Region 13: Chaffee, Custer, Fremont, Lake Region 14: Adams Region 15: Arapahoe Region 16: Boulder, Broomfield Region 17: Clear Creek, Gilpin, Park, Teller Region 18: Weld Region 19: Mesa Region 20: Denver Region 21: Jefferson

Source: Health Statistics Section, Colorado Department of Public Health and Environment
 * insufficient data

Colorado Behavioral Risk Factor Surveillance System, 2009

Septic or disposal system by primary water source, BRFSS 2009								
	Septic System				Other			
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High
Total Water Source Type	569,532							
Water Source								
A private well serving your home	274,489	50.5	45.5	55.5	7,896	30.7	11.3	50.1
A city, county, or town water system	209,572	38.6	33.9	43.2	13,058	50.8	25.6	75.9
A small water system/condo/HOA	*	**	*	*	*	**	*	*
Other source unknown/Not sure	16,745	3.1	2.0	4.2	2,139	8.3	0.0	17.9
	*	*	*	*	*	*	*	*
Total Private Well Tested	281,308							
Private Well Tested								
Within the last year	58,322	21.3	16.2	26.4	1,248	15.8	0.0	31.8
> one year ago but < five years ago	67,729	24.8	20.0	29.6	2,915	36.9	1.5	72.3
Five or more years ago	69,009	25.2	20.7	29.8	1,843	23.3	0.0	47.6
Never	25,290	9.2	6.0	12.5	611	7.7	0.0	18.3
unknown/Not sure	53,063	19.4	15.3	23.5	1,279	16.2	0.0	35.3
Total Nitrates in Well	199,322							
Nitrates in Well								
Yes	*	*	*	*	*	*	*	*
No	131,729	68.1	61.6	74.7	2,529	42.1	6.3	77.9
Unknown	46,061	23.8	18.2	29.5	1,462	24.3	0.0	51.5
Total VOCs in Well	200,320							
VOCs in Well								
Yes	*	*	*	*	*	*	*	*
No	151,026	77.7	72.5	83.0	5,322	88.6	71.1	100.0
Unknown	39,679	20.4	15.3	25.5	684	11.4	0.0	28.9
Total Pesticides in Well	199,774							
Pesticides in Well								
Yes	*	*	*	*	*	*	*	*
No	171,419	88.5	84.7	92.2	5,765	96.0	89.2	100.0
Unknown	20,933	10.8	7.1	14.5	240	4.0	0.0	10.8

Source: Health Statistics Section, Colorado Department of Public Health and Environment

* insufficient data