

Colorado Behavioral Risk Factor Surveillance System, 2009

The government routinely collects information on air quality that may be distributed by local radio, TV and newspapers to help inform the public about air pollution levels. Have you ever heard or read about the air quality index or air quality alerts where you live? Please do not include times when you may have heard or read about high pollen counts.

	Yes				No			
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High
All adults	1,967,501	58.1	55.8	60.4	1,347,973	39.8	37.5	42.1
Age group								
18-29	258,937	37.7	29.0	46.4	406,747	59.3	50.4	68.2
30-49	842,924	62.3	59.5	65.1	494,515	36.6	33.8	39.4
50-69	682,889	67.2	64.9	69.5	315,799	31.1	28.8	33.3
70+	24,419	61.5	51.5	71.5	14,020	35.3	25.6	45.0
Sex								
Male	1,047,884	63.8	60.6	66.9	561,115	34.1	31.2	37.1
Female	919,617	52.8	49.5	56.1	786,857	45.2	41.8	48.5
Race and Ethnicity								
White	1,632,769	61.6	59.2	64.1	961,525	36.3	33.9	38.7
Black	59,503	58.7	42.4	75.0	41,510	41.0	24.7	57.2
Hispanic	187,214	38.1	30.9	45.2	294,174	59.8	52.6	67.0
Education								
< HS	104,717	43.5	32.6	54.4	131,773	54.7	44.0	65.5
HS diploma	336,466	41.8	36.6	47.0	445,533	55.3	49.9	60.8
Some college	527,615	56.7	51.8	61.6	386,190	41.5	36.6	46.4
College graduate	996,741	71.1	68.7	73.4	380,808	27.2	24.9	29.4
Income								
<\$15,000	84,261	43.4	32.9	53.9	105,681	54.4	43.8	65.1
\$15,000-\$24,999	147,758	41.5	33.4	49.6	199,770	56.1	47.9	64.3
\$25,000-\$34,999	137,197	55.1	47.0	63.2	107,106	43.0	35.1	51.0
\$35,000-\$49,999	231,874	56.1	50.5	61.8	173,150	41.9	36.3	47.5
\$50,000+	1,185,160	66.8	64.0	69.5	555,462	31.3	28.7	33.9
Employment Status								
Employed	1,260,582	60.8	58.0	63.6	774,626	37.4	34.7	40.1
Unemployed	168,158	57.9	47.7	68.2	119,718	41.2	31.0	51.5
Retired/student/homemaker	205,826	44.2	35.9	52.4	251,624	54.0	45.7	62.3
Unable to work	51,855	55.6	46.8	64.4	39,968	42.9	34.0	51.7

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

Please think about the past 12 months. How many times did you reduce or change your outdoor activity level based on the air quality index or air quality alerts? For example, avoiding outdoor exercise or strenuous outdoor activity. Please do not include times when you may have heard or read about high pollen counts.

	None				One or more			
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High
All adults	1,578,781	78.1	75.7	80.5	443,594	21.9	19.5	24.3
Age group								
18-29	217,625	77.7	65.0	90.4	62,473	22.3	9.6	35.0
30-49	679,991	79.2	76.1	82.2	179,112	20.8	17.8	23.9
50-69	531,670	76.6	74.0	79.3	162,139	23.4	20.7	26.0
70+	18,142	75.5	63.8	87.3	5,874	24.5	12.7	36.2
Sex								
Male	867,584	81.2	77.7	84.6	201,258	18.8	15.4	22.3
Female	711,197	74.6	71.3	77.9	242,336	25.4	22.1	28.7
Race and Ethnicity								
White	1,333,378	79.9	77.7	82.0	336,345	20.1	18.0	22.3
Black	32,182	52.6	24.3	80.8	29,048	47.4	19.2	75.7
Hispanic	146,329	72.6	63.6	81.5	55,260	27.4	18.5	36.4
Education								
< HS	82,269	78.4	64.7	92.1	22,625	21.6	7.9	35.3
HS diploma	268,205	76.4	71.5	81.2	83,070	23.6	18.8	28.5
Some college	401,207	72.6	66.4	78.8	151,424	27.4	21.2	33.6
College graduate	826,254	81.6	79.2	84.0	186,213	18.4	16.0	20.8
Income								
<\$15,000	59,071	65.7	51.9	79.4	30,902	34.3	20.6	48.1
\$15,000-\$24,999	123,277	78.8	72.1	85.5	33,131	21.2	14.5	27.9
\$25,000-\$34,999	92,790	66.8	51.0	82.7	46,029	33.2	17.3	49.0
\$35,000-\$49,999	166,614	70.5	61.8	79.1	69,877	29.5	20.9	38.2
\$50,000+	983,326	80.9	78.5	83.3	231,954	19.1	16.7	21.5
Employment Status								
Employed	1,030,548	79.3	76.1	82.5	269,220	20.7	17.5	23.9
Unemployed	133,348	76.3	67.2	85.5	41,314	23.7	14.5	32.8
Retired/student/homemaker	162,529	78.2	71.4	85.0	45,334	21.8	15.0	28.6
Unable to work	27,446	54.9	43.0	66.8	22,552	45.1	33.2	57.0

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

Please think about the past 12 months. How many times did you reduce or change your outdoor activity level based on the air quality index or air quality alerts? For example, avoiding outdoor exercise or strenuous outdoor activity. Please do not include times when you may have heard or read about high pollen counts.

Health condition/status	None				One or more			
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High
Current asthma								
Yes	97,009	60.0	52.7	67.3	64,635	40.0	32.7	47.3
No	1,470,310	79.7	77.2	82.3	373,561	20.3	17.7	22.8
Diabetes								
Yes	74,423	65.5	57.8	73.2	39,208	34.5	26.8	42.2
No	1,504,359	78.8	76.3	81.3	404,386	21.2	18.7	23.7
Ever had heart attack								
Yes	38,989	71.2	61.2	81.1	15,801	28.8	18.9	38.8
No	1,534,980	78.3	75.8	80.7	425,900	21.7	19.3	24.2
Ever had angina or coronary heart disease								
Yes	38,880	65.3	55.3	75.4	20,635	34.7	24.6	44.7
No	1,537,261	78.4	76.0	80.9	422,959	21.6	19.1	24.0
Ever had a stroke								
Yes	16,460	59.3	44.5	74.1	11,292	40.7	25.9	55.5
No	1,560,902	78.3	75.9	80.7	432,302	21.7	19.3	24.1
High blood pressure								
Yes	320,998	73.9	70.2	77.6	113,511	26.1	22.4	29.8
No	1,255,075	79.2	76.3	82.1	330,083	20.8	17.9	23.7
Activity limitations								
Yes	268,742	71.1	65.0	77.2	109,154	28.9	22.8	35.0
No	1,308,186	79.7	77.1	82.3	332,761	20.3	17.7	22.9
General health status								
Good or better	1,459,880	79.4	77.0	81.8	378,346	20.6	18.2	23.0
Fair or poor	117,087	64.9	54.9	74.9	63,368	35.1	25.1	45.1

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

NOTE: The air quality alert message was changed mid year

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	Yes				No			
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High
Time period								
Jan-June 2009	1,099,743	59.1	55.6	62.6	760,812	40.9	37.4	44.4
July-Dec 2009	867,758	59.6	56.8	62.5	587,160	40.4	37.5	43.2

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

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	None				One or more			
	Weighted population estimate	Percent	95% CI Low	95% CI High	Weighted population estimate	Percent	95% CI Low	95% CI High
Time period								
Jan-June 2009	911,143	78.4	74.8	81.9	251,596	21.6	18.1	25.2
July-Dec 2009	667,639	77.7	74.7	80.6	191,998	22.3	19.4	25.3

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