

**Asthma, Adults (18 years of age and older), Alaska BRFSS, 2008:
Standard (2008) and Combined (Standard and Modified) (2008) Survey Instruments**

Healthy Alaskans 2010 Objective: 24.2a: Reduce lifetime asthma prevalence (adults ever told by a doctor that they has asthma) to 8%.							
Screening Question:	Have you ever been told by a doctor, nurse or other health professional that you have asthma?						
	Response:	Yes				Age-Adjusted Rate	
Population at Risk (See Appendix)	%	Observed Rate 95% CI	Individuals	n	N	%	95% CI
Total	15.1%	(13.5% - 16.9%)	74,733	655	4,913	15.0%	(13.4% - 16.8%)
Demographics							
Gender							
Female	17.0%	(14.9% - 19.4%)	40,766	424	2,642	16.8%	(14.7% - 19.1%)
Male	13.3%	(10.9% - 16.1%)	33,967	231	2,271	13.3%	(11.0% - 16.0%)
Age Groups (Categories Used in Age-Adjustment)							
Persons aged 18 to 24 years	20%	(14% - 29%)	13,254	46	276	NA	(NA - NA)
Persons aged 25 to 34 years	18.1%	(14.0% - 23.0%)	18,627	113	801	NA	(NA - NA)
Persons aged 35 to 44 years	13.1%	(10.4% - 16.4%)	12,650	132	920	NA	(NA - NA)
Persons aged 45 to 64 years	12.8%	(10.9% - 14.9%)	22,932	285	2,256	NA	(NA - NA)
Persons aged 65 years and older	14.0%	(10.5% - 18.6%)	6,947	79	660	NA	(NA - NA)
Race and Ethnicity							
American Indian or Alaska Native	13.6%	(10.7% - 17.1%)	9,366	111	942	13.4%	(10.6% - 16.8%)
Asian or Pacific Islander	DSU	(DSU - DSU)	DSU	DSU	127	DSU	(DSU - DSU)
Asian	DSU	(DSU - DSU)	DSU	DSU	100	DSU	(DSU - DSU)
Native Hawaiian or Other Pacific Islander	DSU	(DSU - DSU)	DSU	DSU	27	DSU	(DSU - DSU)
Black or African American	DSU	(DSU - DSU)	DSU	DSU	78	DSU	(DSU - DSU)
White	15.3%	(13.4% - 17.4%)	56,874	488	3,540	15.5%	(13.6% - 17.7%)
Hispanic or Latino	DSU	(DSU - DSU)	DSU	DSU	134	DSU	(DSU - DSU)
Not Hispanic or Latino	14.8%	(13.1% - 16.6%)	69,690	622	4,708	14.7%	(13.1% - 16.5%)
Black or African American, not Hispanic/Latino	DSU	(DSU - DSU)	DSU	DSU	34	DSU	(DSU - DSU)
White, not Hispanic or Latino	15.4%	(13.4% - 17.5%)	54,920	463	3,413	15.6%	(13.6% - 17.9%)
Alaska Native							
Yes	13.2%	(10.6% - 16.4%)	10,240	129	1,036	13.1%	(10.5% - 16.2%)
No	15.5%	(13.7% - 17.6%)	64,190	523	3,830	15.6%	(13.7% - 17.7%)

**Asthma, Adults (18 years of age and older), Alaska BRFSS, 2008:
Standard (2008) and Combined (Standard and Modified) (2008) Survey Instruments**

Healthy Alaskans 2010 Objective: 24.2a: Reduce lifetime asthma prevalence (adults ever told by a doctor that they has asthma) to 8%.							
Screening Question:	Have you ever been told by a doctor, nurse or other health professional that you have asthma?						
	Response:	Yes				Age-Adjusted Rate	
Population at Risk (See Appendix)	%	Observed Rate 95% CI	Individuals	n	N	%	95% CI
Geographic Location							
Anchorage & Vicinity	16.6%	(13.9% - 19.8%)	44,903	154	1,019	16.6%	(13.9% - 19.7%)
Fairbanks & Vicinity	14.9%	(12.1% - 18.1%)	10,128	146	1,005	14.2%	(11.8% - 17.1%)
Gulf Coast	11.6%	(9.2% - 14.5%)	6,486	112	1,007	11.9%	(9.2% - 15.2%)
Rural	11.9%	(9.6% - 14.7%)	5,677	117	962	12.4%	(9.8% - 15.7%)
Southeast	14.1%	(11.7% - 16.9%)	7,540	126	920	14.3%	(11.7% - 17.5%)
Urban/Rural							
Metropolitan Statistical Area	16.3%	(13.9% - 18.9%)	53,871	288	1,965	16.0%	(13.8% - 18.5%)
Micropolitan Statistical Area & Urban Clusters	13.7%	(11.7% - 16.0%)	11,191	198	1,449	13.8%	(11.7% - 16.1%)
Rural	11.8%	(9.7% - 14.2%)	9,671	169	1,499	12.0%	(9.8% - 14.7%)
Education Level (persons aged 25 years and older)							
Less than high school	16%	(11% - 23%)	4,385	45	329	18%	(12% - 25%)
High school graduate	16.2%	(13.0% - 20.0%)	20,153	177	1,363	16.4%	(13.4% - 19.9%)
At least some college	14.1%	(11.5% - 17.2%)	18,398	189	1,371	13.1%	(10.7% - 15.9%)
College Graduate	12.4%	(10.3% - 15.0%)	18,096	198	1,563	13.3%	(10.9% - 16.1%)
Employment Status							
Employed	13.4%	(11.5% - 15.5%)	44,574	414	3,245	12.9%	(10.8% - 15.3%)
Unemployed	22%	(15% - 31%)	7,851	50	340	25%	(17% - 35%)
Not in Workforce (Student, Homemaker, Retired)	16.2%	(12.7% - 20.6%)	17,632	134	1,090	15.4%	(12.0% - 19.5%)
Unable to work	28%	(20% - 37%)	4,731	57	216	25%	(18% - 33%)
Marital Status							
Married or Unwed Couple	13.0%	(11.3% - 14.9%)	43,228	372	2,949	13.1%	(11.2% - 15.1%)
Divorced/Separated	17.9%	(14.0% - 22.8%)	10,004	138	841	26.4%	(18.7% - 35.8%)
Widowed	12%	(8% - 19%)	2,147	36	309	8%	(5% - 14%)
Never Married	21.9%	(16.3% - 28.6%)	18,970	106	788	15.5%	(12.1% - 19.8%)

**Asthma, Adults (18 years of age and older), Alaska BRFSS, 2008:
Standard (2008) and Combined (Standard and Modified) (2008) Survey Instruments**

Healthy Alaskans 2010 Objective: 24.2a: Reduce lifetime asthma prevalence (adults ever told by a doctor that they has asthma) to 8%.							
Screening Question:	Response:	Have you ever been told by a doctor, nurse or other health professional that you have asthma?					
		Yes			Age-Adjusted Rate		
Population at Risk (See Appendix)	%	Observed Rate 95% CI	Individuals	n	N	%	95% CI
Income Level							
<\$15,000	23%	(16% - 32%)	7,095	69	384	21%	(16% - 28%)
\$15,000 - \$24,999	24.2%	(17.7% - 32.0%)	10,394	88	519	23.5%	(17.8% - 30.4%)
\$25,000 - \$49,999	17.3%	(13.2% - 22.2%)	18,490	145	1,078	16.3%	(12.9% - 20.4%)
\$50,000 - \$74,999	11.7%	(8.5% - 15.9%)	9,712	88	854	12.0%	(8.0% - 17.6%)
\$75,000	11.9%	(9.8% - 14.5%)	20,456	187	1,529	12.5%	(9.8% - 15.9%)
Poverty Threshold							
Poor (<100% Poverty Threshold)	23%	(15% - 32%)	8,114	57	354	22%	(16% - 30%)
Near Poor (100% to 199% Poverty Threshold)	24.8%	(18.9% - 31.8%)	16,844	120	704	23.8%	(18.8% - 29.7%)
Middle/High Income (>=200% Poverty Threshold)	12.4%	(10.8% - 14.3%)	41,271	400	3,306	12.7%	(10.8% - 14.8%)
Below Poverty Guidelines							
Yes	21%	(15% - 28%)	10,550	81	484	21%	(16% - 28%)
No	14.4%	(12.6% - 16.4%)	55,497	496	3,880	14.6%	(12.7% - 16.8%)
Veteran							
Yes	13%	(9% - 18%)	12,576	52	494	13%	(9% - 20%)
No	17.0%	(14.2% - 20.2%)	67,733	315	2,150	17.0%	(14.4% - 20.0%)
Health Status							
General Health							
Excellent to Very Good	11.8%	(9.8% - 14.1%)	32,699	262	2,592	11.2%	(9.3% - 13.3%)
Good	15.3%	(12.5% - 18.5%)	22,659	217	1,543	15.4%	(12.4% - 18.8%)
Fair/Poor	28.9%	(23.4% - 35.1%)	19,257	173	756	31.2%	(24.9% - 38.2%)
Healthy Days (Mean Number of Days)							
Physical Health Not Good	6.1	(5.0 - 7.2)		636		6.7	(5.6 - 7.9)
Mental Health Not Good	5.4	(4.1 - 6.7)		638		5.2	(4.1 - 6.3)
Unhealthy Days (Physical or Mental Health Not Good)	9.7	(8.1 - 11.3)		622		10.2	(8.7 - 11.6)
Days with Activity Limitation	4.0	(2.9 - 5.1)		641		4.3	(3.2 - 5.4)
Healthy Days (Percentage with 14 or More Days)							
Physical Health Not Good	26.4%	(21.1% - 32.5%)	12,747	130	524	26.1%	(20.6% - 32.5%)
Mental Health Not Good	30%	(23% - 38%)	12,589	104	464	30%	(24% - 36%)

**Asthma, Adults (18 years of age and older), Alaska BRFSS, 2008:
Standard (2008) and Combined (Standard and Modified) (2008) Survey Instruments**

Healthy Alaskans 2010 Objective: 24.2a: Reduce lifetime asthma prevalence (adults ever told by a doctor that they has asthma) to 8%.								
Screening Question:	Have you ever been told by a doctor, nurse or other health professional that you have asthma?							
	Response:		Yes			Age-Adjusted Rate		
Population at Risk (See Appendix)	%	Observed Rate 95% CI	Individuals	n	N	%	95% CI	
Unhealthy Days (Physical or Mental Health Not Good)	27.8%	(23.0% - 33.1%)	21,717	192	832	28.9%	(24.0% - 34.4%)	
Activity Limitation	26%	(19% - 35%)	8,574	77	333	28%	(21% - 36%)	
Disability								
Disabled								
Yes	26.2%	(21.0% - 32.0%)	29,983	158	691	28.1%	(21.8% - 35.4%)	
No	13.2%	(10.5% - 16.5%)	49,986	208	1,933	12.6%	(10.2% - 15.4%)	
Activity Limitation								
Yes	23.5%	(19.8% - 27.5%)	26,204	252	1,188	25.0%	(20.7% - 30.0%)	
No	12.7%	(10.9% - 14.8%)	48,268	396	3,673	12.4%	(10.7% - 14.3%)	
Require Special Equipment								
Yes	DSU	(DSU - DSU)	DSU	DSU	197	DSU	(DSU - DSU)	
No	15.0%	(12.5% - 17.9%)	69,670	312	2,445	14.9%	(12.6% - 17.7%)	
Mental Health								
Depression Measure (PHQ-8)								
No Depression	11.9%	(9.8% - 14.3%)	38,615	197	1,725	85.1%	(82.3% - 87.4%)	
Mild Depression	26%	(18% - 37%)	18,273	69	346	16%	(13% - 19%)	
Moderate to Severe Depression	DSU	(DSU - DSU)	DSU	DSU	165	DSU	(DSU - DSU)	
Social and Emotional Support								
Always/Usually	15.4%	(12.8% - 18.4%)	59,947	267	1,986	15.8%	(13.2% - 18.8%)	
Sometimes/Rarely/Never	20.9%	(14.2% - 29.5%)	18,085	86	530	20.4%	(14.6% - 27.7%)	
Life Satisfaction								
Very Satisfied / Satisfied	15.1%	(12.7% - 17.8%)	69,062	321	2,428	15.3%	(13.0% - 18.0%)	
Dissatisfied / Very Dissatisfied	DSU	(DSU - DSU)	DSU	DSU	116	DSU	(DSU - DSU)	
Healthcare								
Healthcare Coverage								
Health Plan								
Yes	14.4%	(12.7% - 16.2%)	58,076	557	4,124	14.6%	(12.8% - 16.5%)	
No	18.7%	(13.7% - 25.1%)	16,283	95	759	15.3%	(11.7% - 19.7%)	

**Asthma, Adults (18 years of age and older), Alaska BRFSS, 2008:
Standard (2008) and Combined (Standard and Modified) (2008) Survey Instruments**

Healthy Alaskans 2010 Objective: 24.2a: Reduce lifetime asthma prevalence (adults ever told by a doctor that they has asthma) to 8%.								
Screening Question:	Have you ever been told by a doctor, nurse or other health professional that you have asthma?							
	Response:	Yes				Age-Adjusted Rate		
Population at Risk (See Appendix)	%	Observed Rate	95% CI	Individuals	n	N	%	95% CI
Immunization								
Flu Shot Within Past 12 Months (Ages 65+)								
Yes	22%	(15% - 31%)	7,343	36	233	22%	(15% - 31%)	
No	8%	(4% - 15%)	1,222	13	129	9%	(5% - 16%)	
Ever Had Pneumonia Shot (Ages 65+)								
Yes	22%	(15% - 31%)	6,687	137	218	21%	(14% - 31%)	
No	10%	(4% - 21%)	1,547	187	130	11%	(5% - 23%)	
Ever Had Hepatitis B Shot								
Yes	16.8%	(12.7% - 21.9%)	30,620	130	899	17.2%	(13.3% - 22.0%)	
No	18.5%	(14.6% - 23.1%)	39,202	183	1,231	20.1%	(15.4% - 25.9%)	
Screening								
AIDS/HIV Screening (Ages 18-64)								
Yes	16.7%	(13.0% - 21.1%)	31,586	154	970	16.9%	(13.1% - 21.6%)	
No	15.9%	(12.1% - 20.6%)	36,838	146	1,157	16.4%	(12.5% - 21.2%)	
Clinical Breast Exam Annually (Women Ages 40+)								
Yes	17.7%	(13.5% - 22.9%)	14,190	104	561	16.9%	(12.8% - 22.0%)	
No	18%	(13% - 25%)	9,166	60	356	18%	(13% - 25%)	
Colorectal Screening (Ages 50+)								
Yes	17.3%	(13.6% - 21.7%)	16,941	116	694	17.6%	(13.8% - 22.4%)	
No	11.2%	(7.9% - 15.7%)	7,937	54	508	12.4%	(8.3% - 18.2%)	
Digital Rectal Exam for Prostate Problems Annually (Men Ages 40+)								
Yes	12%	(7% - 19%)	5,705	26	283	11%	(7% - 19%)	
No	9.6%	(6.5% - 13.8%)	7,929	50	522	10.5%	(6.8% - 15.9%)	
Home Occult Blood Test (Ages 50+)								
Yes	15%	(9% - 24%)	4,006	28	190	16%	(10% - 25%)	
No	14.7%	(11.8% - 18.2%)	20,549	139	992	15.4%	(12.1% - 19.4%)	
Mammogram within Past 2 Years (Women Ages 40+)								
Yes	19.0%	(15.0% - 23.8%)	16,975	121	649	18.8%	(14.6% - 23.7%)	
No	16%	(10% - 24%)	6,806	43	273	13%	(9% - 19%)	

**Asthma, Adults (18 years of age and older), Alaska BRFSS, 2008:
Standard (2008) and Combined (Standard and Modified) (2008) Survey Instruments**

Healthy Alaskans 2010 Objective: 24.2a: Reduce lifetime asthma prevalence (adults ever told by a doctor that they has asthma) to 8%.								
Screening Question:	Have you ever been told by a doctor, nurse or other health professional that you have asthma?							
	Response:	Yes				Age-Adjusted Rate		
Population at Risk (See Appendix)	%	Observed Rate		Individuals	n	N	%	95% CI
Oral Cancer Exam Annually								
Yes	13.8%	(10.5% - 18.0%)		16,950	96	674	13.1%	(10.0% - 17.1%)
No	18.3%	(15.0% - 22.1%)		60,714	254	1,742	18.2%	(15.2% - 21.5%)
Pap Test within Past 3 Years (Women Ages 18+)								
Yes	18.0%	(14.6% - 21.9%)		28,369	158	913	17.1%	(13.8% - 21.0%)
No	DSU	(DSU - DSU)		DSU	DSU	171	DSU	(DSU - DSU)
Prostate-Specific Antigen Screening within Past 2 Years (Men Ages 40+)								
Yes	12%	(8% - 18%)		7,286	37	382	13%	(8% - 21%)
No	9%	(6% - 13%)		5,851	37	398	12%	(7% - 18%)
Diagnoses								
Asthma								
Asthma Diagnosis								
Yes	100.0%	(0.0% - 0.0%)		74,733	655	655	100.0%	(0.0% - 0.0%)
No	0.0%	(0.0% - 0.0%)		0	0	4,258	0.0%	(0.0% - 0.0%)
Current Asthma								
Yes	100%	(0% - 0%)		43,248	411	411	100%	(0% - 0%)
No	100%	(0% - 0%)		29,040	216	216	100%	(0% - 0%)
Cardiovascular and Cerebrovascular Disease								
Cardiovascular Disease								
Yes	24%	(17% - 31%)		5,155	59	269	26%	(20% - 35%)
No	14.6%	(12.9% - 16.5%)		68,425	578	4,567	14.3%	(12.7% - 16.2%)
Heart Attack (Myocardial Infarction)								
Yes	24%	(16% - 34%)		3,420	40	178	26%	(20% - 32%)
No	14.7%	(13.0% - 16.6%)		70,280	602	4,696	14.5%	(12.8% - 16.3%)
Coronary Heart Disease (Angina)								
Yes	23%	(16% - 32%)		3,505	44	196	17%	(10% - 27%)
No	14.9%	(13.2% - 16.7%)		70,894	604	4,672	14.7%	(13.0% - 16.5%)

**Asthma, Adults (18 years of age and older), Alaska BRFSS, 2008:
Standard (2008) and Combined (Standard and Modified) (2008) Survey Instruments**

Healthy Alaskans 2010 Objective: 24.2a: Reduce lifetime asthma prevalence (adults ever told by a doctor that they has asthma) to 8%.								
Screening Question:	Have you ever been told by a doctor, nurse or other health professional that you have asthma?							
	Response:		Yes			Age-Adjusted Rate		
Population at Risk (See Appendix)	%	Observed Rate 95% CI	Individuals	n	N	%	95% CI	
Stroke								
Yes		DSU (DSU - DSU)	DSU	DSU	131	DSU (DSU - DSU)		
No	14.8%	(13.1% - 16.6%)	71,465	622	4,763	14.6%	(13.0% - 16.4%)	
Diabetes								
Nongestational Diabetes								
Yes		26% (19% - 35%)	7,529	71	328	37%	(28% - 47%)	
No	14.3%	(12.7% - 16.2%)	66,600	580	4,572	14.2%	(12.6% - 16.0%)	
Pre-Diabetes								
Yes		24% (17% - 32%)	8,843	75	374	28%	(21% - 37%)	
No	13.5%	(11.8% - 15.4%)	57,579	503	4,177	13.2%	(11.6% - 14.9%)	
Prostate Cancer								
Prostate Cancer								
Yes		DSU (DSU - DSU)	DSU	DSU	21	DSU (DSU - DSU)		
No	10.1%	(7.5% - 13.4%)	13,240	77	817	11.9%	(8.5% - 16.6%)	
Risk Factors								
Alcohol								
Binge Drinking								
Yes		11.5% (8.3% - 15.8%)	9,076	86	775	9.7%	(7.2% - 12.9%)	
No	15.9%	(14.0% - 18.0%)	64,858	557	4,031	15.9%	(14.0% - 17.9%)	
Heavy Drinking								
Yes		9% (5% - 14%)	2,512	30	305	8%	(5% - 13%)	
No	15.8%	(13.9% - 17.9%)	63,613	536	3,941	15.7%	(13.9% - 17.8%)	
Physical Activity								
Leisure Time Exercise								
Yes		14.4% (12.6% - 16.4%)	56,028	486	3,795	14.2%	(12.4% - 16.2%)	
No	17.7%	(14.0% - 22.2%)	18,304	166	1,100	18.0%	(14.2% - 22.7%)	

**Asthma, Adults (18 years of age and older), Alaska BRFSS, 2008:
Standard (2008) and Combined (Standard and Modified) (2008) Survey Instruments**

Healthy Alaskans 2010 Objective: 24.2a: Reduce lifetime asthma prevalence (adults ever told by a doctor that they has asthma) to 8%.								
Screening Question:	Have you ever been told by a doctor, nurse or other health professional that you have asthma?							
	Response:	Yes				Age-Adjusted Rate		
Population at Risk (See Appendix)	%	Observed Rate 95% CI	Individuals	n	N	%	95% CI	
Tobacco Use								
Cigarette Smoking Status								
Current Smoker	16.7%	(13.2% - 20.9%)	18,003	157	1,106	15.3%	(12.2% - 18.9%)	
Former Smoker	13.7%	(11.4% - 16.4%)	18,293	208	1,494	13.2%	(10.9% - 16.0%)	
Never Smoked	15.1%	(12.7% - 18.0%)	37,968	287	2,283	14.7%	(12.4% - 17.3%)	
Smokeless Tobacco Status								
Current User	14%	(8% - 23%)	3,442	34	253	15%	(10% - 23%)	
Former User	13.6%	(9.9% - 18.3%)	12,116	104	853	14.2%	(10.5% - 19.0%)	
Never Used	16.0%	(14.0% - 18.1%)	57,357	494	3,593	15.8%	(13.9% - 17.9%)	
Weight Status								
Weight Status								
Normal (BMI <25)	15.0%	(12.0% - 18.6%)	25,077	197	1,594	13.7%	(11.2% - 16.6%)	
Overweight (BMI 25 to 30)	10.8%	(8.6% - 13.4%)	19,087	172	1,755	11.0%	(8.7% - 13.8%)	
Obese (BMI ≥30)	20.4%	(17.1% - 24.2%)	27,257	254	1,373	20.8%	(17.1% - 24.9%)	
Obese I (BMI 30 TO < 35)	16.4%	(12.8% - 20.7%)	13,646	128	851	16.8%	(12.9% - 21.5%)	
Obese II & III (BMI ≥35)	27.2%	(21.1% - 34.4%)	13,611	126	522	27.0%	(20.6% - 34.5%)	

**Asthma, Adults (18 years of age and older), Alaska BRFSS, 2008:
Standard (2008) and Combined (Standard and Modified) (2008) Survey Instruments**

Healthy Alaskans 2010 Objective: 24.2a: Reduce lifetime asthma prevalence (adults ever told by a doctor that they has asthma) to 8%.

Screening Question:	Have you ever been told by a doctor, nurse or other health professional that you have asthma?							
	Response:	Yes			No			
Population at Risk (See Appendix)	%	Observed Rate	95% CI	Individuals	n	N	Age-Adjusted Rate	95% CI
Appendix								

Definitions:

Observed rate = crude rate, the rate observed in the population before standardization.

Age-adjusted Rate = age-specific rates adjusted to US 2000 Standard age distribution using age groups shown (except where noted in Population at Risk descriptions).

Any displayed age-adjusted data are adjusted to the US 2000 standard population. Age adjustment is the application of observed age-specific rates to a standard age distribution to eliminate differences in crude rates in populations of interest that result from differences in the populations' age distributions.

This adjustment is usually done when comparing two or more populations at one point in time or one population at two or more points in time.

% = Weighted Percentage Percentages are weighted to population characteristics of age and sex with region.

95% CI = 95% Confidence Interval.

Individuals = Estimated number of adult individuals meeting conditions.

n = Cell Size (unweighted number of respondents). Use caution when interpreting cell sizes (n) less than 50.

N = Total Sample Size (unweighted number of total valid respondents). Results expressed as whole percentages when based upon less than 500 sample cases (N).

Denominator includes all survey respondents except those with missing, don't know, and refused answers.

Response codes:

DNA = Data have been collected but have not yet been analyzed.

DNC = Data are not collected by the data system used to monitor the objective for the specified period.

DSU = Data do not meet the criteria for statistical reliability, data quality, or confidentiality (data are suppressed).

Notes:

Data may include revisions, and may differ from those shown previously.