

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

Screening Question:		Have you ever been told by a doctor that you have diabetes?					
Response:		Yes [Excludes Yes, but female told only during pregnancy]					
Population at Risk (See Appendix)		Observed Rate			Age-Adjusted Rate		
		%	95% CI	Individuals	n	N	%
Total		5.9%	(5.0% - 7.0%)	29,432	333	4,933	6.7% (5.7% - 7.8%)
Demographics							
Gender							
Female		6.2%	(4.9% - 7.8%)	14,821	171	2,653	6.7% (5.3% - 8.4%)
Male		5.7%	(4.5% - 7.1%)	14,611	162	2,280	6.7% (5.3% - 8.4%)
Age Groups (Categories Used in Age-Adjustment)							
Persons aged 18 to 24 years		2%	(0% - 8%)	1,334	3	277	NA (NA - NA)
Persons aged 25 to 34 years		1.8%	(0.8% - 3.9%)	1,813	14	803	NA (NA - NA)
Persons aged 35 to 44 years		3.9%	(2.4% - 6.2%)	3,755	34	919	NA (NA - NA)
Persons aged 45 to 64 years		7.9%	(6.4% - 9.7%)	14,304	178	2,271	NA (NA - NA)
Persons aged 65 years and older		17.2%	(13.2% - 22.0%)	8,526	104	663	NA (NA - NA)
Race and Ethnicity							
American Indian or Alaska Native		6.8%	(4.6% - 10.0%)	4,713	56	945	8.2% (5.7% - 11.6%)
Asian or Pacific Islander		4%	(1% - 11%)	40,000	9	127	3% (1% - 9%)
Asian		4%	(1% - 13%)	630	7	100	4% (1% - 12%)
Native Hawaiian or Other Pacific Islander		DSU	(DSU - DSU)	DSU	DSU	27	DSU (DSU - DSU)
Black or African American		7%	(3% - 15%)	785	9	79	14% (8% - 24%)
White		5.4%	(4.5% - 6.5%)	20,097	240	3,556	5.8% (4.8% - 7.0%)
Hispanic or Latino		DSU	(DSU - DSU)	DSU	DSU	134	DSU (DSU - DSU)
Not Hispanic or Latino		5.6%	(4.8% - 6.6%)	26,750	315	4,729	6.3% (5.4% - 7.4%)
Black or African American, not Hispanic/Latino		DSU	(DSU - DSU)	DSU	DSU	34	DSU (DSU - DSU)
White, not Hispanic or Latino		5.4%	(4.4% - 6.5%)	19,224	225	3,429	5.7% (4.7% - 6.9%)
Alaska Native							
Yes		7.0%	(4.9% - 10.0%)	5,488	68	1,041	8.3% (6.0% - 11.5%)
No		5.7%	(4.7% - 6.8%)	23,543	261	3,844	6.3% (5.2% - 7.6%)
Geographic Location							
Anchorage & Vicinity		6.1%	(4.7% - 7.9%)	16,588	79	1,024	7.0% (5.4% - 9.1%)
Fairbanks & Vicinity		5.8%	(4.0% - 8.4%)	3,961	68	1,009	6.7% (4.8% - 9.2%)
Gulf Coast		5.1%	(3.9% - 6.7%)	2,892	61	1,017	5.2% (3.9% - 6.9%)
Rural		4.5%	(3.3% - 6.2%)	2,150	51	962	5.7% (3.9% - 8.1%)
Southeast		7.2%	(5.6% - 9.1%)	3,841	74	921	7.2% (5.7% - 9.1%)

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Population at Risk (See Appendix)		Observed Rate					Age-Adjusted Rate	
		%	95% CI	Individuals	n	N	%	95% CI
Urban/Rural								
	Metropolitan Statistical Area	6.0%	(4.8% - 7.5%)	19,898	140	1,970	6.9%	(5.5% - 8.6%)
	Micropolitan Statistical Area & Urban Clusters	6.2%	(5.0% - 7.6%)	5,036	106	1,455	6.8%	(5.5% - 8.3%)
	Rural	5.4%	(4.2% - 7.0%)	4,498	87	1,508	5.6%	(4.4% - 7.2%)
Education Level (persons aged 25 years and older)								
	Less than high school	13%	(8% - 19%)	3,572	36	328	13%	(8% - 21%)
	High school graduate	5.3%	(4.0% - 7.1%)	6,638	93	1,370	6.3%	(4.7% - 8.3%)
	At least some college	7.8%	(5.9% - 10.2%)	10,232	117	1,380	8.9%	(6.7% - 11.7%)
	College Graduate	5.5%	(4.1% - 7.4%)	8,046	84	1,568	6.1%	(4.5% - 8.2%)
Employment Status								
	Employed	3.9%	(3.1% - 4.9%)	13,096	150	3,258	5.0%	(3.7% - 6.9%)
	Unemployed	4%	(2% - 9%)	1,425	12	342	4%	(2% - 9%)
	Not in Workforce (Student, Homemaker, Retired)	10.3%	(7.8% - 13.5%)	11,235	123	1,094	8.1%	(6.0% - 10.7%)
	Unable to work	21%	(14% - 31%)	3,604	46	217	DSU	(DSU - DSU)
Marital Status								
	Married or Unwed Couple	5.1%	(4.1% - 6.2%)	16,875	169	2,960	5.6%	(4.4% - 7.0%)
	Divorced/Separated	8.7%	(6.5% - 11.4%)	4,861	77	849	7.2%	(5.4% - 9.7%)
	Widowed	19%	(12% - 28%)	3,419	48	310	10%	(5% - 19%)
	Never Married	4.9%	(2.8% - 8.5%)	4,278	38	788	11.0%	(6.8% - 17.2%)
Income Level								
	<\$15,000	9%	(6% - 14%)	2,772	44	383	10%	(7% - 14%)
	\$15,000 - \$24,999	6.7%	(3.6% - 12.3%)	2,970	39	525	7.4%	(4.4% - 12.3%)
	\$25,000 - \$49,999	5.4%	(3.8% - 7.6%)	5,793	74	1,083	6.2%	(4.5% - 8.4%)
	\$50,000 - \$74,999	7.6%	(5.1% - 11.2%)	6,298	57	858	8.6%	(5.7% - 12.8%)
	\$75,000	4.2%	(3.1% - 5.7%)	7,266	76	1,533	4.6%	(3.1% - 6.6%)
Poverty Threshold								
	Poor (<100% Poverty Threshold)	5%	(2% - 8%)	1,762	20	353	6%	(3% - 12%)
	Near Poor (100% to 199% Poverty Threshold)	8.1%	(5.3% - 12.3%)	5,565	68	708	9.9%	(6.9% - 14.0%)
	Middle/High Income (≥200% Poverty Threshold)	5.4%	(4.4% - 6.6%)	18,076	202	3,321	5.8%	(4.7% - 7.2%)

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Response:		Yes [Excludes Yes, but female told only during pregnancy]					
		Observed Rate			Age-Adjusted Rate		
Population at Risk (See Appendix)	%	95% CI	Individuals	n	N	%	95% CI
Below Poverty Guidelines							
Yes	6%	(4% - 10%)	3,012	32	483	9%	(5% - 14%)
No	5.7%	(4.7% - 6.9%)	22,077	258	3,899	6.4%	(5.3% - 7.8%)
Veteran							
Yes	8%	(5% - 12%)	7,700	48	493	6%	(4% - 9%)
No	6.3%	(4.8% - 8.3%)	25,181	139	2,163	7.4%	(5.7% - 9.5%)
Health Status							
General Health							
Excellent to Very Good	2.1%	(1.4% - 3.0%)	5,733	56	2,597	2.8%	(1.9% - 4.0%)
Good	7.0%	(5.4% - 8.9%)	10,365	121	1,553	7.3%	(5.6% - 9.4%)
Fair/Poor	19.4%	(15.3% - 24.4%)	13,090	153	763	17.8%	(13.4% - 23.3%)
Healthy Days (Mean Number of Days)							
Physical Health Not Good	9.1	(7.3 - 11.0)			321	9.7	(7.7 - 11.8)
Mental Health Not Good	5.5	(3.8 - 7.2)			316	7.8	(5.3 - 10.4)
Unhealthy Days (Physical or Mental Health Not Good)	11.9	(9.6 - 14.1)			310	14.6	(12.4 - 16.7)
Days with Activity Limitation	5.4	(3.5 - 7.2)			324	8.0	(6.1 - 9.8)
Healthy Days (Percentage with 14 or More Days)							
Physical Health Not Good	16.7%	(12.6% - 21.8%)	8,171	98	530	15.1%	(11.4% - 19.7%)
Mental Health Not Good	12%	(8% - 18%)	5,101	53	470	15%	(10% - 21%)
Unhealthy Days (Physical or Mental Health Not Good)	13.5%	(10.2% - 17.6%)	10,669	118	840	14.4%	(10.9% - 18.9%)
Activity Limitation	17%	(11% - 25%)	5,705	54	335	17%	(11% - 26%)
Disability							
Disabled							
Yes	14.0%	(9.9% - 19.4%)	16,184	92	695	14.1%	(9.1% - 21.2%)
No	4.3%	(3.2% - 5.9%)	16,322	94	1,938	5.7%	(4.1% - 7.9%)
Activity Limitation							
Yes	12.5%	(9.9% - 15.7%)	14,091	153	1,199	11.9%	(8.9% - 15.7%)
No	4.0%	(3.2% - 5.0%)	15,130	176	3,681	5.1%	(4.0% - 6.4%)
Require Special Equipment							
Yes	22%	(14% - 32%)	7,056	45	200	22%	(14% - 32%)
No	5.5%	(4.2% - 7.2%)	25,654	142	2,453	6.6%	(5.1% - 8.6%)

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Response:							
		Observed Rate			Age-Adjusted Rate		
Population at Risk (See Appendix)	%	95% CI	Individuals	n	N	%	95% CI
Mental Health							
Depression Measure (PHQ-8)							
No Depression	5.3%	(3.9% - 7.2%)	17,429	99	1,733	93.4%	(91.4% - 94.9%)
Mild Depression	5%	(3% - 9%)	3,514	24	346	6%	(5% - 8%)
Moderate to Severe Depression	DSU	(DSU - DSU)	DSU	DSU	163	DSU	(DSU - DSU)
Social and Emotional Support							
Always/Usually	5.8%	(4.5% - 7.5%)	22,650	120	1,996	6.6%	(5.1% - 8.5%)
Sometimes/Rarely/Never	10.8%	(6.5% - 17.5%)	9,436	61	533	11.6%	(7.6% - 17.2%)
Life Satisfaction							
Very Satisfied / Satisfied	6.2%	(5.0% - 7.8%)	28,574	162	2,440	6.9%	(5.5% - 8.7%)
Dissatisfied / Very Dissatisfied	DSU	(DSU - DSU)	DSU	DSU	116	DSU	(DSU - DSU)
Healthcare							
Healthcare Coverage							
Health Plan							
Yes	6.7%	(5.6% - 7.9%)	27,216	296	4,142	7.1%	(6.0% - 8.4%)
No	2.3%	(1.4% - 3.8%)	2,017	36	761	2.4%	(1.5% - 3.7%)
Immunization							
Flu Shot Within Past 12 Months (Ages 65+)							
Yes	22%	(15% - 31%)	7,363	46	234	21%	(14% - 30%)
No	13%	(6% - 24%)	1,999	12	130	13%	(6% - 26%)
Ever Had Pneumonia Shot (Ages 65+)							
Yes	23%	(15% - 33%)	6,991	102	218	22%	(14% - 32%)
No	11%	(6% - 20%)	1,723	72	132	12%	(6% - 22%)
Ever Had Hepatitis B Shot							
Yes	8.7%	(5.8% - 12.7%)	15,787	72	900	11.3%	(7.8% - 16.2%)
No	5.2%	(3.9% - 7.0%)	11,157	82	1,238	4.9%	(3.7% - 6.6%)
Screening							
AIDS/HIV Screening (Ages 18-64)							
Yes	4.5%	(3.0% - 6.7%)	8,480	54	974	4.9%	(3.3% - 7.3%)
No	6.2%	(4.1% - 9.3%)	14,492	69	1,164	5.9%	(3.8% - 8.9%)

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		Observed Rate			Age-Adjusted Rate		
Population at Risk (See Appendix)	%	95% CI	Individuals	n	N	%	95% CI
Clinical Breast Exam Annually (Women Ages 40+)							
Yes	11.0%	(7.5% - 16.0%)	8,874	52	564	12.4%	(8.4% - 18.0%)
No	6%	(4% - 10%)	3,054	25	358	8%	(5% - 12%)
Colorectal Screening (Ages 50+)							
Yes	14.8%	(11.1% - 19.4%)	14,640	98	699	15.7%	(11.7% - 20.6%)
No	10.3%	(7.0% - 14.9%)	7,330	44	511	12.7%	(8.2% - 19.2%)
Digital Rectal Exam for Prostate Problems Annually (Men Ages 40+)							
Yes	14%	(9% - 21%)	6,529	38	283	11%	(7% - 17%)
No	9.2%	(5.9% - 13.9%)	7,694	45	526	10.9%	(7.0% - 16.5%)
Home Occult Blood Test (Ages 50+)							
Yes	16%	(10% - 24%)	4,331	30	194	16%	(10% - 23%)
No	12.0%	(9.1% - 15.6%)	16,891	107	996	14.0%	(10.4% - 18.5%)
Mammogram within Past 2 Years (Women Ages 40+)							
Yes	10.2%	(7.4% - 13.9%)	9,094	62	651	10.9%	(7.8% - 15.0%)
No	8%	(4% - 16%)	3,434	17	277	9%	(4% - 17%)
Oral Cancer Exam Annually							
Yes	8.2%	(5.5% - 12.2%)	10,117	48	673	8.6%	(5.7% - 12.8%)
No	5.7%	(4.2% - 7.8%)	19,037	121	1,755	6.6%	(5.0% - 8.6%)
Pap Test within Past 3 Years (Women Ages 18+)							
Yes	4.8%	(3.3% - 7.0%)	7,660	49	916	6.8%	(4.7% - 9.8%)
No	DSU	(DSU - DSU)	DSU	DSU	172	DSU	(DSU - DSU)
Prostate-Specific Antigen Screening within Past 2 Years (Men Ages 40+)							
Yes	12%	(8% - 18%)	7,322	44	384	9%	(6% - 14%)
No	8%	(5% - 13%)	5,244	33	399	12%	(7% - 20%)
Diagnoses							
Asthma							
Asthma Diagnosis							
Yes	10.3%	(7.2% - 14.6%)	7,642	71	651	11.5%	(8.3% - 15.8%)
No	5.1%	(4.2% - 6.1%)	21,314	257	4,249	5.8%	(4.8% - 6.9%)

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				Observed Rate			Age-Adjusted Rate					
Population at Risk (See Appendix)		%		95% CI	Individuals	n	N	%		95% CI		
Current Asthma												
	Yes	12%	(	8% - 18%)	5,131	49	407	12%	(	8% - 18%)		
	No	7%	(	4% - 14%)	2,033	18	216	11%	(	6% - 20%)		
Cardiovascular and Cerebrovascular Disease												
Cardiovascular Disease												
	Yes	20%	(	14% - 26%)	4,312	61	271	14%	(	9% - 23%)		
	No	5.1%	(	4.2% - 6.1%)	23,970	254	4,587	6.0%	(	5.0% - 7.3%)		
Heart Attack (Myocardial Infarction)												
	Yes	21%	(	14% - 30%)	3,004	43	180	16%	(	9% - 27%)		
	No	5.4%	(	4.5% - 6.4%)	25,803	281	4,716	6.2%	(	5.2% - 7.4%)		
Coronary Heart Disease (Angina)												
	Yes	25%	(	17% - 34%)	3,830	50	198	18%	(	11% - 30%)		
	No	5.2%	(	4.3% - 6.2%)	24,692	270	4,690	6.0%	(	4.9% - 7.2%)		
Stroke												
	Yes	21%	(	13% - 32%)	2,098	30	130	18%	(	10% - 30%)		
	No	5.6%	(	4.7% - 6.6%)	27,013	297	4,784	6.4%	(	5.4% - 7.6%)		
Diabetes												
Nongestational Diabetes												
	Yes	100%	(	0% - 0%)	29,432	333	333	100%	(	0% - 0%)		
	No	0.0%	(	0.0% - 0.0%)	0	0	4,600	0.0%	(	0.0% - 0.0%)		
Pre-Diabetes												
	Yes	0%	(	0% - 0%)	0	0	375	0%	(	0% - 0%)		
	No	0.0%	(	0.0% - 0.0%)	0	0	4,194	0.0%	(	0.0% - 0.0%)		
Prostate Cancer												
Prostate Cancer												
	Yes	DSU	(DSU - DSU)	DSU	DSU	21	DSU	(DSU - DSU)		
	No	10.1%	(7.5% - 13.6%)	13,437	83	821	10.6%	(7.6% - 14.5%)		

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Population at Risk (See Appendix)	%	95% CI	Individuals	n	N	%	95% CI
Risk Factors							
Alcohol							
Binge Drinking							
Yes	2.7%	(1.6% - 4.5%)	2,128	25	777	5.7%	(2.7% - 11.4%)
No	6.6%	(5.5% - 7.8%)	27,030	302	4,047	7.0%	(5.9% - 8.3%)
Heavy Drinking							
Yes	4%	(2% - 8%)	1,124	15	308	4%	(2% - 8%)
No	6.2%	(5.2% - 7.4%)	25,161	295	3,954	6.9%	(5.8% - 8.2%)
Physical Activity							
Leisure Time Exercise							
Yes	4.8%	(3.9% - 5.9%)	18,824	203	3,811	5.6%	(4.5% - 6.9%)
No	9.3%	(7.0% - 12.2%)	9,602	126	1,104	9.4%	(7.0% - 12.4%)
Tobacco Use							
Cigarette Smoking Status							
Current Smoker	4.5%	(3.2% - 6.5%)	4,877	63	1,106	6.2%	(4.3% - 8.7%)
Former Smoker	9.6%	(7.6% - 12.0%)	12,971	135	1,508	8.1%	(6.3% - 10.3%)
Never Smoked	4.6%	(3.5% - 6.1%)	11,527	133	2,289	5.8%	(4.4% - 7.6%)
Smokeless Tobacco Status							
Current User	4%	(2% - 7%)	977	12	251	6%	(3% - 12%)
Former User	3.7%	(2.6% - 5.4%)	3,355	45	864	5.4%	(3.6% - 8.1%)
Never Used	6.5%	(5.3% - 7.8%)	23,288	259	3,604	6.9%	(5.7% - 8.3%)
Weight Status							
Weight Status							
Normal (BMI <25)	2.7%	(1.8% - 4.0%)	4,517	50	1,596	3.5%	(2.3% - 5.2%)
Overweight (BMI 25 to 30)	3.9%	(2.8% - 5.4%)	6,936	82	1,767	4.7%	(3.3% - 6.7%)
Obese (BMI ≥30)	12.7%	(10.2% - 15.6%)	16,897	189	1,379	13.1%	(10.3% - 16.4%)
Obese I (BMI 30 TO < 35)	7.7%	(5.6% - 10.5%)	6,442	84	855	7.8%	(5.8% - 10.5%)
Obese II & III (BMI ≥35)	20.9%	(15.8% - 27.2%)	10,455	105	524	22.2%	(16.4% - 29.4%)

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		Observed Rate		Age-Adjusted Rate				
Population at Risk (See Appendix)	%	95% CI	Individuals	n	N	%	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.