

Arthritis

Told have arthritis, Adults (18 years of age and older), Alaska BRFSS, 2009:
Standard (2009) Survey Instrument

Screening Question:	Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?							
	Response:	Yes					Age-Adjusted Rate	
		%	Observed Rate 95% CI	Individuals	n	N #	%	95% CI
Population at Risk (See Appendix)								
Total	23.5%	(21.0% - 26.1%)	115,522	695	2,345		25.0%	(22.6% - 27.6%)
Demographics								
Gender								
Female	26.2%	(23.0% - 29.5%)	61,712	401	1,283		27.6%	(24.7% - 30.7%)
Male	21.0%	(17.3% - 25.2%)	53,809	294	1,062		22.3%	(18.8% - 26.3%)
Age Groups (Categories Used in Age-Adjustment)								
Persons aged 18 to 24 years	9%	(2% - 27%)	6,414	7	144 3		NA	(NA - NA)
Persons aged 25 to 34 years	11%	(7% - 16%)	10,504	33	314 3		NA	(NA - NA)
Persons aged 35 to 44 years	13%	(10% - 18%)	12,238	66	424 3		NA	(NA - NA)
Persons aged 45 to 64 years	33.4%	(29.6% - 37.4%)	59,431	376	1,061		NA	(NA - NA)
Persons aged 65 years and older	53%	(46% - 60%)	26,483	206	375		NA	(NA - NA)
Race and Ethnicity								
American Indian or Alaska Native	27%	(21% - 33%)	19,951	128	437		32%	(27% - 38%)
Asian or Pacific Islander	12%	(6% - 24%)	1,857	12	67 3		13%	(6% - 25%)
Asian	10%	(4% - 24%)	1,627	8	54 3		12%	(5% - 25%)
Native Hawaiian or Other Pacific Islander	DSU	(DSU - DSU)	DSU	DSU	13 3		DSU	(DSU - DSU)
Black or African American	DSU	(DSU - DSU)	DSU	DSU	35 3		DSU	(DSU - DSU)
White	23.7%	(20.7% - 26.9%)	87,305	519	1,714		24.6%	(21.6% - 27.9%)
Hispanic or Latino	13%	(6% - 27%)	2,079	10	61 3		21%	(10% - 39%)
Not Hispanic or Latino	23.8%	(21.3% - 26.6%)	112,984	680	2,267		25.3%	(22.8% - 28.0%)
Black or African American, not Hispanic/Latino	DSU	(DSU - DSU)	DSU	DSU	28 3		DSU	(DSU - DSU)
White, not Hispanic or Latino	24.3%	(21.2% - 27.7%)	85,791	505	1,647		25.1%	(21.9% - 28.5%)

For table end notes see Appendix J on Pg 429.

Arthritis (continued)

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		%	95% CI	Individuals	n	N	#	%	95% CI
Population at Risk (See Appendix)									
Alaska Native									
Yes	25%	(20% - 31%)	20,596	138	477		30%	(25% - 36%)	
No	22.9%	(20.1% - 25.9%)	93,047	550	1,853		24.1%	(21.3% - 27.1%)	
Geographic Location									
Anchorage & Vicinity	23%	(19% - 28%)	60,878	145	494		24%	(20% - 29%)	
Fairbanks & Vicinity	23%	(19% - 27%)	16,783	141	486		27%	(23% - 31%)	
Gulf Coast	25%	(21% - 30%)	14,185	148	471		25%	(21% - 29%)	
Rural	20%	(16% - 25%)	9,141	96	407		23%	(19% - 28%)	
Southeast	29%	(25% - 34%)	15,221	165	487		28%	(24% - 32%)	
Urban/Rural									
Metropolitan Statistical Area	22.9%	(19.5% - 26.8%)	75,314	280	946		24.8%	(21.4% - 28.6%)	
Micropolitan Statistical Area & Urban Clusters	25.6%	(22.2% - 29.4%)	22,416	227	752		27.1%	(23.9% - 30.5%)	
Rural	23.2%	(19.8% - 26.9%)	17,793	188	647		23.2%	(20.2% - 26.5%)	
Education Level (persons aged 25 years and older)									
Less than high school	30%	(22% - 41%)	7,093	52	141		31%	(23% - 39%)	
High school graduate	26.0%	(21.7% - 30.7%)	30,111	197	650		27.4%	(23.2% - 32.0%)	
At least some college	28.9%	(24.3% - 33.8%)	37,223	223	666		30.4%	(26.0% - 35.1%)	
College Graduate	22.9%	(19.2% - 27.2%)	34,811	215	741		24.9%	(21.2% - 29.2%)	
Employment Status									
Employed	19.1%	(16.0% - 22.7%)	61,987	331	1,454		21.4%	(17.5% - 25.7%)	
Unemployed	21%	(15% - 28%)	9,937	63	226		23%	(16% - 33%)	
Not in Workforce (Student, Homemaker, Retired)	32.8%	(27.4% - 38.7%)	32,852	226	543		25.7%	(21.4% - 30.5%)	
Unable to work	58%	(43% - 72%)	10,379	71	105		40%	(27% - 54%)	

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	Response:	Yes					Age-Adjusted Rate	
		%	Observed Rate 95% CI	Individuals	n	N #	%	95% CI
Population at Risk (See Appendix)								
Marital Status								
Married or Unwed Couple	23.4%	(20.5% - 26.4%)	67,065	360	1,290	23.3%	(20.5% - 26.4%)	
Divorced/Separated	51%	(40% - 63%)	9,741	89	170	37%	(22% - 54%)	
Widowed	35%	(28% - 42%)	20,591	157	412	26%	(21% - 32%)	
Never Married	13%	(6% - 24%)	12,225	58	328	27%	(21% - 35%)	
Income Level								
<\$15,000	32%	(23% - 43%)	10,126	72	187	30%	(24% - 38%)	
\$15,000 - \$24,999	41%	(28% - 56%)	17,008	95	237	41%	(31% - 51%)	
\$25,000 - \$49,999	24%	(19% - 29%)	23,229	150	477	25%	(21% - 31%)	
\$50,000 - \$74,999	19%	(15% - 24%)	14,810	105	396	21%	(17% - 25%)	
\$75,000	22.3%	(18.6% - 26.6%)	38,492	196	751	23.6%	(19.5% - 28.3%)	
Poverty Threshold								
Poor (<100% Poverty Threshold)	34%	(18% - 54%)	11,759	47	160	33%	(23% - 46%)	
Near Poor (100% to 199% Poverty Threshold)	27%	(21% - 35%)	16,115	104	293	31%	(25% - 37%)	
Middle/High Income (>=200% Poverty Threshold)	23.3%	(20.7% - 26.2%)	75,937	467	1,595	23.6%	(21.2% - 26.3%)	
Below Poverty Guidelines								
Yes	34%	(22% - 49%)	16,252	68	217	34%	(25% - 44%)	
No	23.5%	(21.0% - 26.1%)	87,308	550	1,831	24.1%	(21.8% - 26.5%)	
Veteran								
Yes	27%	(21% - 33%)	23,851	147	419	23%	(18% - 28%)	
No	22.7%	(20.0% - 25.8%)	91,704	546	1,919	25.9%	(23.2% - 28.7%)	

Arthritis (continued)

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	Response:	Observed Rate			Yes			Age-Adjusted Rate	
		%	95% CI	Individuals	n	N	#	%	95% CI
Population at Risk (See Appendix)									
Health Status									
General Health									
Excellent to Very Good	15.3%	(12.9% - 18.1%)	44,281	248	1,227		17.8%	(15.2% - 20.7%)	
Good	28.7%	(23.3% - 34.9%)	41,688	240	759		29.0%	(23.3% - 35.3%)	
Fair/Poor	51%	(43% - 59%)	28,795	200	345		47%	(39% - 55%)	
Healthy Days (Mean Number of Days)									
Physical Health Not Good	6.3	(5.3 - 7.4)				673	6.1	(4.6 - 7.5)	
Mental Health Not Good	3.6	(2.8 - 4.5)				673	3.7	(2.6 - 4.8)	
Unhealthy Days (Physical or Mental Health Not Good)	8.6	(7.4 - 9.7)				659	8.8	(7.1 - 10.4)	
Days with Activity Limitation	4.1	(3.2 - 4.9)				672	3.6	(2.6 - 4.5)	
Healthy Days (Percentage with 14 or More Days)									
Physical Health Not Good	60%	(51% - 68%)	22,597	146	231		54%	(44% - 63%)	
Mental Health Not Good	37%	(27% - 47%)	12,539	76	183		36%	(28% - 45%)	
Unhealthy Days (Physical or Mental Health Not Good)	44%	(37% - 52%)	29,709	185	367		44%	(37% - 50%)	
Activity Limitation	58%	(47% - 69%)	14,339	96	158		51%	(40% - 62%)	
Disability									
Disabled									
Yes	47.6%	(41.1% - 54.1%)	52,447	331	576		43.3%	(37.7% - 49.0%)	
No	16.5%	(13.8% - 19.5%)	62,038	357	1,737		19.0%	(16.3% - 22.1%)	
Activity Limitation									
Yes	47.4%	(40.8% - 54.2%)	49,306	316	543		43.6%	(37.8% - 49.6%)	
No	17.0%	(14.4% - 20.1%)	65,279	373	1,774		19.4%	(16.7% - 22.5%)	

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	Response:	Yes					Age-Adjusted Rate	
		%	Observed Rate 95% CI	Individuals	n	N #	%	95% CI
Population at Risk (See Appendix)								
Require Special Equipment								
Yes	75%	(65% - 83%)	20,728	116	160	72%	(58% - 82%)	
No	20.4%	(17.9% - 23.1%)	94,700	578	2,181	22.3%	(19.9% - 25.0%)	
Mental Health								
Social and Emotional Support								
Always/Usually	20.9%	(18.5% - 23.5%)	78,069	473	1,742	22.9%	(20.5% - 25.5%)	
Sometimes/Rarely/Never	32.9%	(25.8% - 41.0%)	31,559	192	508	33.0%	(27.0% - 39.0%)	
Life Satisfaction								
Very Satisfied / Satisfied	22.9%	(20.4% - 25.8%)	103,645	625	2,164	24.6%	(22.0% - 27.4%)	
Dissatisfied / Very Dissatisfied	35%	(23% - 50%)	6,306	41	92	40%	(30% - 49%)	
Healthcare								
Healthcare Coverage								
Health Plan								
Yes	25.5%	(22.7% - 28.6%)	102,484	595	1,911	25.9%	(22.9% - 29.1%)	
No	15%	(11% - 20%)	12,496	96	412	20%	(14% - 27%)	
Immunization								
Flu Shot Within Past 12 Months (Ages 65+)								
Yes	28.8%	(25.0% - 33.0%)	53,538	348	902	27.2%	(24.0% - 30.8%)	
No	20.4%	(17.1% - 24.0%)	61,510	343	1,419	22.8%	(19.5% - 26.4%)	
Ever Had Pneumonia Shot (Ages 65+)								
Yes	46.0%	(40.2% - 51.9%)	45,747	311	591	37.1%	(31.3% - 43.2%)	
No	17.0%	(14.7% - 19.6%)	54,928	330	1,478	18.5%	(16.1% - 21.3%)	

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	Response:	Observed Rate			Yes			Age-Adjusted Rate	
		%	95% CI	Individuals	n	N	#	%	95% CI
Population at Risk (See Appendix)									
Screening									
AIDS/HIV Screening (Ages 18-64)									
Yes	19.6%	(16.5% - 23.1%)	40,341	234	898		20.8%	(17.8% - 24.2%)	
No	19.9%	(15.7% - 24.8%)	40,869	216	934		16.8%	(13.3% - 21.0%)	
Diagnoses									
Arthritis									
Arthritis									
Yes	100.0%	(0.0% - 0.0%)	115,522	695	695		100.0%	(0.0% - 0.0%)	
No	0.0%	(0.0% - 0.0%)	0	0	1,650		0.0%	(0.0% - 0.0%)	
Asthma									
Asthma Diagnosis									
Yes	31%	(25% - 38%)	22,408	147	337		35%	(30% - 41%)	
No	21.9%	(19.2% - 24.9%)	91,795	543	2,001		23.2%	(20.5% - 26.2%)	
Current Asthma									
Yes	37%	(29% - 47%)	16,748	105	213		39%	(32% - 47%)	
No	17%	(11% - 27%)	4,124	32	106	3	26%	(19% - 35%)	
Cardiovascular and Cerebrovascular Disease									
Cardiovascular Disease									
Yes	64%	(52% - 74%)	14,767	89	139		56%	(33% - 76%)	
No	20.8%	(18.4% - 23.6%)	96,664	587	2,179		23.0%	(20.5% - 25.8%)	
Heart Attack (Myocardial Infarction)									
Yes	70%	(58% - 79%)	11,482	62	100		50%	(30% - 70%)	
No	21.6%	(19.1% - 24.2%)	102,117	624	2,233		23.5%	(21.0% - 26.3%)	

Arthritis (continued)

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	Response:	Yes					Age-Adjusted Rate	
		%	Observed Rate 95% CI	Individuals	n	N #	%	95% CI
Population at Risk (See Appendix)								
Coronary Heart Disease (Angina)								
Yes	60%	(44% - 74%)	8,560	56	86	80%	(71% - 87%)	
No	21.9%	(19.4% - 24.6%)	103,491	626	2,241	23.8%	(21.3% - 26.6%)	
Stroke								
Yes	62%	(46% - 75%)	5,850	42	70	57%	(38% - 74%)	
No	22.6%	(20.1% - 25.3%)	108,905	646	2,268	24.3%	(21.8% - 27.1%)	
Diabetes								
Nongestational Diabetes								
Yes	40%	(30% - 50%)	11,559	85	171	25%	(19% - 32%)	
No	22.4%	(19.8% - 25.2%)	103,519	606	2,168	24.7%	(22.1% - 27.5%)	
Pre-Diabetes								
Yes	44%	(34% - 54%)	17,967	92	214	39%	(30% - 49%)	
No	20.3%	(17.7% - 23.2%)	85,546	513	1,951	23.2%	(20.7% - 26.0%)	
Risk Factors								
Alcohol								
Binge Drinking								
Yes	24%	(19% - 31%)	20,896	96	382	32%	(26% - 39%)	
No	23.7%	(20.9% - 26.7%)	93,399	590	1,917	24.2%	(21.4% - 27.1%)	
Heavy Drinking								
Yes	32%	(23% - 43%)	9,743	50	157	35%	(26% - 44%)	
No	23.3%	(20.7% - 26.1%)	104,527	630	2,117	24.8%	(22.3% - 27.6%)	

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	Response:	Observed Rate			Yes			Age-Adjusted Rate	
		%	95% CI	Individuals	n	N	#	%	95% CI
Population at Risk (See Appendix)									
Hypercholesterolemia									
High Cholesterol									
Yes	39.0%	(34.2% - 44.1%)	48,442	316	736		31.5%	(26.3% - 37.2%)	
No	21.5%	(18.4% - 24.9%)	49,028	294	1,052		22.8%	(19.7% - 26.1%)	
Hypertension									
High Blood Pressure									
Yes	37.6%	(32.9% - 42.5%)	49,096	335	755		31.9%	(26.2% - 38.1%)	
No	18.2%	(15.3% - 21.5%)	65,410	352	1,574		22.0%	(19.1% - 25.3%)	
Nutrition									
Fruit and Vegetable Index									
<1 Per Day or Never	17%	(11% - 26%)	5,148	35	138	3	20%	(14% - 28%)	
1 to <3 Times Per Day	26.3%	(22.3% - 30.7%)	43,520	265	804		28.4%	(24.7% - 32.4%)	
3 to <5 Times Per Day	21.3%	(17.8% - 25.1%)	37,127	237	833		22.4%	(19.1% - 26.1%)	
5 Or More Times Per Day	24.3%	(18.0% - 31.9%)	27,812	149	541		24.8%	(19.3% - 31.2%)	
Physical Activity									
Physical Activity Recommendations (2008)									
Active	21.3%	(18.2% - 24.7%)	73,659	403	1,527		24.2%	(21.1% - 27.6%)	
Insufficient	25%	(20% - 31%)	19,562	141	420		25%	(20% - 30%)	
Inactive	37%	(29% - 46%)	14,834	104	233		32%	(25% - 40%)	
Leisure Time Exercise									
Yes	21.2%	(18.4% - 24.4%)	80,993	488	1,791		23.7%	(20.8% - 26.8%)	
No	31.2%	(26.0% - 36.9%)	34,394	205	544		29.0%	(24.6% - 33.9%)	

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	Response:	Yes					Age-Adjusted Rate	
		%	Observed Rate 95% CI	Individuals	n	N #	%	95% CI
Population at Risk (See Appendix)								
Sexual Violence/Intimate Partner Violence								
Parents Physically Hurt by Spouse/Partner								
Yes	25%	(20% - 31%)	21,648	135	429	26%	(21% - 32%)	
No	23.0%	(20.1% - 26.3%)	82,629	504	1,724	24.3%	(21.4% - 27.4%)	
Unwanted Sexual Activity								
Yes	38%	(31% - 46%)	22,931	132	337	39%	(33% - 46%)	
No	21.1%	(18.4% - 24.2%)	81,658	507	1,821	22.4%	(19.7% - 25.3%)	
Ever Hurt or Threatened by Intimate Partner								
Yes	28.9%	(23.7% - 34.8%)	27,332	181	506	32.1%	(28.1% - 36.4%)	
No	21.7%	(18.7% - 24.9%)	76,443	459	1,659	22.7%	(19.8% - 25.9%)	
Past 5 Years Feared for Safety or Physically Hurt by Intimate Partner								
Yes	20%	(12% - 31%)	5,245	34	118 3	31%	(21% - 42%)	
No	23.4%	(20.7% - 26.3%)	98,886	608	2,050	24.4%	(21.7% - 27.4%)	
Tobacco Use								
Cigarette Smoking Status								
Current Smoker	24%	(19% - 29%)	24,465	148	495	27%	(22% - 33%)	
Former Smoker	34.1%	(28.3% - 40.4%)	46,504	264	728	32.4%	(25.7% - 39.9%)	
Never Smoked	17.8%	(15.1% - 20.8%)	44,564	277	1,102	21.6%	(18.8% - 24.7%)	
Smokeless Tobacco Status								
Current User	35%	(24% - 49%)	7,484	34	108	36%	(26% - 48%)	
Former User	25%	(17% - 34%)	22,076	103	371 3	29%	(22% - 38%)	
Never Used	22.8%	(20.4% - 25.5%)	80,821	528	1,748	23.6%	(21.3% - 26.1%)	

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	Response:	Observed Rate			Yes			Age-Adjusted Rate	
		%	95% CI	Individuals	n	N	#	%	95% CI
Population at Risk (See Appendix)									
Weight Status									
Weight Status									
Normal (BMI <25)	18.6%	(14.0% - 24.3%)	32,466	172	763		22.6%	(18.7% - 26.9%)	
Overweight (BMI 25 to 30)	19.6%	(16.4% - 23.3%)	35,361	229	847		20.7%	(17.5% - 24.3%)	
Obese (BMI ≥30)	35.9%	(31.0% - 41.1%)	43,780	270	653		34.0%	(29.4% - 39.0%)	
Obese I (BMI 30 TO < 35)	34%	(28% - 40%)	26,379	166	420		32%	(26% - 38%)	
Obese II & III (BMI ≥35)	39%	(31% - 49%)	17,257	104	233		40%	(33% - 47%)	