Wyoming Risk Factors by Race/Ethnicity, BRFSS 2001-2005 Combined Data

Methods. The Wyoming BRFSS (Behavioral Risk Factor Surveillance System) collects data from randomly selected non-institutionalized adults age 18 and older through monthly telephone surveys. In order to produce estimates for five race/ethnicity groups for the major BRFSS health indicators, data were combined over the five year period 2001 through 2005. A total of 19,767 interviews were conducted during this period, of which 162 had missing values for race. The variable for "preferred race" was used in the coding to assign persons of mixed or "other" race to their preferred group. White non-Hispanics comprised the vast majority with 18,188 interviews or 92.2% of the total, followed by Hispanics of any race with 897 interviews (5.3%), American Indians (264 interviews or 1.7%), and blacks and Asians/Pacific Islanders (each with 74 interviews, or 0.4%). Because of the small sample sizes for blacks and Asians, these two groups were included with the 108 that remained in the "other" category after using preferred race for assignment, to create a separate entry in the tables for "other". The 162 interviews with refusals for race/ethnicity were excluded from analysis. BRFSS indicators selected for analysis had to be included in the survey in at least three of the five years. Each year's data was weighted by CDC to account for different probabilities of selection and to be representative of the total adult Wyoming population by gender and age group. These weights were further adjusted to account for the different sample sizes for the 5 years which ranged from 3,039 in 2001 to 5,009 in 2005. Thus, each year contributed equally to final estimates. Respondents with missing values were excluded from the analysis of that variable unless otherwise noted.

Table description and use. The major purpose of this analysis is to identify disparities by race/ethnicity for important health indicators measured by BRFSS. Each table below presents the prevalence (percentage) of a BRFSS indicator for each of the five race/ethnicity groups, the 95% confidence intervals for the prevalence estimates, the number of respondents with the risk factor, and the 5-year sample size on which the prevalence estimate is based. The 95% confidence interval defines the margin of error for the prevalence estimate and is largely based on sample size. Because the sample sizes for Asians, blacks, and American Indians are small, the margins of error are large for these groups and appropriate care should be taken when interpreting results for these groups. P values are included below the prevalence estimates for the five race/ethnicity groups. The P value is from a Chi square statistical test of association measuring the likelihood that the prevalence estimates for the five race/ethnicity groups could have come about if there was no difference between the groups for a particular indicator. A value of 0.05 or less indicates that a statistically significant difference exists between at least two of the five groups. The tables also include results for the combined group of Asians, blacks, and others; the total of all groups for all years combined; the most recent Wyoming one year estimate; the most recent US median; and the national Healthy People 2010 objective for that indicator if one exists. The symbol "---" indicates that no data are available or the sample was too small to calculate a percentage or confidence interval.

<u>Demographics.</u> Many BRFSS indicators vary greatly by gender, age group, income group, educational level, employment status, and other demographic characteristics. To better understand the results of this analysis, it is important to consider the demographic differences between the five race/ethnicity groups. The demographic characteristics of the five race/ethnicity groups as obtained from the BRFSS are presented in the first table. All of the minority groups in Wyoming are much younger than white non-Hispanics. Education and income levels are much higher for Asians and white non-Hispanics compared to other groups. Black and American Indian groups have lower levels of employment than the other groups. Blacks have a much higher ratio of males to females than other groups and are much more likely to live in the two most densely populated counties of Laramie and Natrona (data not shown).

Inquiries. Further information on this analysis or about BRFSS can be obtained by contacting Menlo Futa, BRFSS Coordinator, Wyoming Department of Health, Qwest Building Suite 510, 6101 Yellowstone Road, Cheyenne, WY 82002, 307-777-6012, mfuta@state.wy.us.

List of Tables:

- 1. Demographics of Sample
- 2. Overweight or Obese by Race/Ethnicity
- 3. Obesity by Race/Ethnicity
- 4. No Leisure Time Physical Activity by Race/Ethnicity
- 5. Does Not Meet Physical Activity Recommendations by Race/Ethnicity
- 6. Inadequate Fruit and Vegetable Consumption by Race/Ethnicity
- 7. Binge Drinking by Race/Ethnicity
- 8. Heavy Drinking by Race/Ethnicity
- 9. Current Cigarette Smoking by Race/Ethnicity
- 10. Current Smokeless Tobacco Use for Males by Race/Ethnicity
- 11. Exposed to Secondhand Smoke at Work by Race/Ethnicity
- 12. No Worksite Policy Prohibiting Smoking by Race/Ethnicity
- 13. No Rule Prohibiting Smoking in the Home by Race/Ethnicity
- 14. Firearms in the Home by Race/Ethnicity
- 15. Diabetes by Race/Ethnicity
- 16. No Awareness of Community Diabetes Activities by Race/Ethnicity
- 17. Current Asthma by Race/Ethnicity
- 18. High Blood Pressure by Race/Ethnicity
- 19. High Cholesterol by Race/Ethnicity
- 20. Arthritis by Race/Ethnicity
- 21. Disability by Race/Ethnicity
- 22. Uses Special Equipment by Race/Ethnicity
- 23. Fair or Poor Health Status by Race/Ethnicity
- 24. Frequent Mental Distress by Race/Ethnicity
- 25. No Health Care Coverage by Race/Ethnicity
- 26. No Personal Doctor by Race/Ethnicity
- 27. Unable to Get Needed Care by Race/Ethnicity

- 28. No Mammogram in Past 2 Years (Women Age 40+) by Race/Ethnicity
- 29. No Pap Smear within 3 Years (Women w/ Intact Cervix) by Race/Ethnicity
- 30. No Cholesterol Check in Past 5 Years by Race/Ethnicity
- 31. No Flu Shot in Past 12 Months, Age 50+ by Race/Ethnicity
- 32. Never Had Sigmoidoscopy/colonoscopy, Age 50+ by Race/Ethnicity
- 33. No Blood Stool Test in Past 2 Years, Age 50+ by Race/Ethnicity
- 34. Never Tested for HIV, Age 18-64 by Race/Ethnicity

Table 1: Demographics of Sample, Wyoming 2001-2005 BRFSS

Demographic	White Non-	Black	Hispanic	Asian	American	Total
Characteristic	Hispanic				Indian	
Total N	18,188	74	897	74	264	19,497
(5 groups)	(92.2%)	(0.4%)	(5.3%)	(0.4%)	(1.7%)	(100%)
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	P	ercent for ea	ich race by de	mographic c	haracteristic	
Gender						
Male	49.6	66.2	49.6	53.8	50.0	49.7
Female	50.4	33.8	50.4	46.2	50.0	50.3
P value						0.197
Age						• • •
18-39	37.1	50.0	56.8	61.0	54.4	38.5
40-54	32.0	31.1	27.1	24.5	28.0	31.7
55+	30.9	18.9	16.2	14.5	17.6	29.8
P value						< 0.0001
Education						
< High school	6.4	15.1	17.7	6.5	19.9	7.3
High school	33.0	41.4	43.1	21.2	37.8	33.6
Some college	32.1	30.2	26.8	23.5	29.2	31.7
College grad	28.5	13.4	12.3	48.8	13.1	27.4
P value						< 0.0001
Income						
<\$25,000	24.6	44.7	37.0	29.6	54.1	25.9
\$25-50,000	36.1	43.0	34.9	45.7	27.2	36.0
>\$50,000	39.3	12.3	28.1	24.8	18.7	38.2
P value						< 0.0001
Employment						
Employed	67.1	59.3	65.8	75.9	59.7	66.9
Out of work	5.7	18.3	12.7	5.8	18.5	6.4
Retired	15.2	12.6	7.7	8.1	6.5	14.6
Other	11.9	9.8	13.8	10.3	15.3	12.1
P value						< 0.0001
Insurance						
Yes	83.7	77.9	72.4	75.1	63.2	82.7
No	16.3	22.1	27.6	24.9	36.8	17.3
P value						< 0.0001

Table 2: Overweight or Obese* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	57.8	57.0-58.7	10,176	17,602
Black non-Hispanic	67.1	53.8-78.1	46	72
Hispanic	59.7	55.7-63.5	527	863
Asian/Pacific Islander	42.7	29.6-56.9	25	70
American Indian	64.4	57.0-71.3	164	257
P value	0.037			
"Other" (Bl, Asian, other)	59.3	51.5-66.8	138	247
5 year total, all races	58.0	57.2-58.9	11,005	18,969
WY 2005	61.6	59.9-63.2	2,954	4,822
US Median 2005	61.3			
HP 2010 Objective				

^{*} Wyoming adults with body mass index (weight in kg/height in meters squared) ≥ 25.0 .

Table 3: Obesity* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	20.8	20.2-21.5	3,704	17,602
Black non-Hispanic	24.7	14.9-37.9	18	72
Hispanic	25.6	22.3-29.2	220	863
Asian/Pacific Islander	14.4	6.6-28.7	8	70
American Indian	25.0	19.1-32.0	68	257
P value	0.029			
"Other" (Bl, Asian, other)	22.8	16.3-31.0	50	247
5 year total, all races	21.2	20.5-21.9	4,042	18,969
WY 2005	24.2	22.8-25.6	1,153	4,822
US Median 2005	24.4			
HP 2010 Objective	≤15			

^{*} Wyoming adults with body mass index (weight in kg/height in meters squared) ≥ 30.0 .

Table 4: No Leisure Time Physical Activity* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	20.7	20.0-21.4	3,981	18,173
Black non-Hispanic	27.6	17.8-40.3	23	74
Hispanic	24.2	21.1-27.5	232	897
Asian/Pacific Islander	19.2	11.5-30.5	16	74
American Indian	26.4	20.6-33.2	75	264
P value	0.033			
"Other" (Bl, Asian, other)	21.4	16.5-27.4	66	256
5 year total, all races	21.0	20.4-21.6	4,354	19,590
Wyoming 2005	22.0	20.7-23.3	1,187	5,004
US Median 2005	23.8			
HP 2010 Objective	≤20			

^{*} Wyoming adults reporting not participating in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise other than their regular job during the past month.

Table 5: Does Not Meet Physical Activity Recommendations* by Race/Ethnicity, 2001, 2003, 2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	44.2	43.1-45.3	4,855	10,459
Black non-Hispanic			29	45
Hispanic	43.7	38.7-48.9	227	498
Asian/Pacific Islander			16	38
American Indian	41.5	32.1-51.5	62	156
P value	0.433			
"Other" (Bl, Asian, other)	45.5	35.5-55.9	72	145
3 year total, all races	44.2	43.1-45.2	5,216	11,258
Wyoming 2005	43.8	42.1-45.5	2,200	4,694
US Median 2005	50.9			
HP 2010 Objective	≤50			

^{*} Wyoming adults reporting not meeting either the recommendation to engage in moderate activities for 30 minutes a day at least five times a week, or to engage in vigorous activities for 20 minutes a day at least three times a week.

Table 6: Inadequate Fruit and Vegetable Consumption* by Race/Ethnicity, Wyoming 2002, 2003, 2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	78.2	77.4-79.1	8,800	11,480
Black non-Hispanic			37	48
Hispanic	77.3	73.0-81.1	441	580
Asian/Pacific Islander			28	41
American Indian	77.3	68.2-84.4	134	171
P value	0.263			
"Other" (Bl, Asian, other)	66.3	55.5-75.6	112	162
3 year total, all races	78.0	77.1-78.8	9,487	12,393
Wyoming 2005	78.2	76.8-79.5	3,787	4,920
US Median 2005	76.8			
HP 2010 Objective	≤50			

^{*} Wyoming adults reporting consuming fruits and vegetables less than 5 times per day.

Table 7: Binge Drinking* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	16.0	15.3-16.7	2,460	18,053
Black non-Hispanic	21.1	10.7-37.5	12	73
Hispanic	23.2	19.8-27.0	166	885
Asian/Pacific Islander	15.0	7.9-26.9	10	72
American Indian	22.5	16.6-29.8	50	262
P value	0.0001			
"Other" (Bl, Asian, other)	19.0	13.0-27.0	39	253
5 year total, all races	16.5	15.9-17.2	2,715	19,453
Wyoming 2005	14.4	13.2-15.8	574	4,955
US Median 2005	14.5			
HP 2010 Objective	≤6			

^{*} Wyoming adults reporting having 5 or more drinks on an occasion at least one time in the past month.

Table 8: Heavy Drinking* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	5.1	4.8-5.5	901	17,991
Black non-Hispanic	5.4	1.9-13.9	4	73
Hispanic	5.8	4.2-8.1	49	886
Asian/Pacific Islander	2.6	0.5-11.9	2	73
American Indian	9.1	5.4-14.7	21	262
P value	0.117			
"Other" (Bl, Asian, other)	2.9	1.4-5.9	9	254
5 year total, all races	5.2	4.9-5.6	980	19,393
Wyoming 2005	4.4	3.7-5.1	210	4,920
US Median 2005	4.9			
HP 2010 Objective				

^{*} Wyoming men reporting drinking more than 60 drinks of alcohol in the past 30 days, or women reporting drinking more than 30 drinks of alcohol in the past 30 days.

Table 9: Current Cigarette Smoking* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	21.5	20.8-22.2	3,844	18,141
Black non-Hispanic	41.9	28.6-56.4	26	72
Hispanic	30.2	26.6-34.0	257	894
Asian/Pacific Islander	20.3	11.2-34.0	15	74
American Indian	47.7	40.2-55.4	128	262
P value	< 0.0001			
"Other" (Bl, Asian, other)	34.2	26.8-42.4	76	254
5 year total, all races	22.6	21.9-23.3	4,305	19,551
Wyoming 2005	21.3	20.0-22.8	1,015	4,986
US Median 2005	20.6			
HP 2010 Objective	≤12			

^{*} Wyoming adults reporting having smoked at least 100 cigarettes in their lifetime and are currently smoking everyday or some days.

Table 10: Current Smokeless Tobacco Use for Males* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	16.3	15.3-17.3	1,100	7,317
Black non-Hispanic			3	35
Hispanic	12.1	8.9-16.4	45	349
Asian/Pacific Islander			2	29
American Indian	20.7	11.5-34.3	17	107
P value	0.128			
"Other" (Bl, Asian, other)	7.7	4.1-14.2	12	119
5 year total, all races	16.0	15.1-17.0	1,174	7,892
Wyoming 2005	14.8	13.1-16.8	276	1,930
US Median 2004	7.8**			
HP 2010 Objective	≤0.4			

^{*} Wyoming men reporting currently using smokeless tobacco everyday or some days.

Table 11: Exposed to Secondhand Smoke at Work* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	17.7	16.7-18.6	1,376	8,124
Black non-Hispanic			6	29
Hispanic	27.2	22.3-32.7	104	411
Asian/Pacific Islander			11	40
American Indian	24.0	16.2-34.2	28	97
P value	0.0001			
"Other" (Bl, Asian, other)	26.1	17.6-36.9	27	113
5 year total, all races	18.4	17.4-19.3	1,535	8,745
Wyoming 2005	15.8	14.1-17.8	321	2,189
US Median				
HP 2010 Objective				

^{*} Wyoming adults who work primarily indoors reporting they are exposed to secondhand smoke sometimes or frequently (from choices of never, seldom, sometimes, and frequently).

^{**} Based on 13 states asking other tobacco products optional module in 2004.

Table 12: No Worksite Policy Prohibiting Smoking* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	20.1	19.1-21.1	1,509	8,144
Black non-Hispanic			5	29
Hispanic	26.4	21.5-31.9	92	408
Asian/Pacific Islander			12	38
American Indian	24.0	16.0-34.4	25	98
P value	0.024			
"Other" (Bl, Asian, other)	28.2	19.3-39.2	29	110
5 year total, all races	20.5	19.6-21.6	1,655	8,760
Wyoming 2005	19.2	17.3-21.3	381	2,195
US Median 2005	14.4**			
HP 2010 Objective	0			

^{*} Wyoming adults who work primarily indoors reporting that their place of work's official smoking policy for work areas allows smoking in some work areas, in all work areas, or there is no official policy for work areas.

Table 13: No Rule Prohibiting Smoking in the Home* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	28.0	27.3-28.8	5,268	17,726
Black non-Hispanic	55.8	41.7-69.0	32	67
Hispanic	31.7	28.2-35.5	277	861
Asian/Pacific Islander	21.9	13.0-34.4	18	67
American Indian	39.7	32.5-47.4	107	255
P value	< 0.0001			
"Other" (Bl, Asian, other)	40.0	32.2-48.4	95	240
5 year total, all races	28.6	27.8-29.3	5,747	19,082
Wyoming 2005	24.7	23.2-26.1	1,285	4,858
US Median 2005	26.3**			
HP 2010 Objective				

^{*} Wyoming adults reporting that smoking is allowed inside the home in some places or at some times, is allowed anywhere inside the home, or they have no rules about smoking inside the home.

^{**} Based on 14 states asking tobacco indicators optional module.

^{**} Based on 14 states asking tobacco indicators optional module.

Table 14: Firearms in the Home* by Race/Ethnicity, 2001, 2002, 2004 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	64.7	63.6-65.8	5,687	9,275
Black non-Hispanic			9	35
Hispanic	46.2	41.1-51.3	207	476
Asian/Pacific Islander			17	42
American Indian	48.9	38.2-59.7	64	129
P value	< 0.0001			
"Other" (Bl, Asian, other)	43.1	33.3-53.5	54	127
3 year total, all races	63.2	62.1-64.3	6,012	10,007
Wyoming 2004	65.5	63.8-67.2	2,421	3,897
US Median 2004	40.3			
HP 2010 Objective				

^{*} Wyoming adults reporting having a firearm in or around the home. Firearms defined as weapons such as pistols, shotguns, and rifles; but not BB guns, starter pistols, or guns that cannot fire.

Table 15: Diabetes* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	5.6	5.3-6.0	1,179	18,176
Black non-Hispanic	6.6	2.8-15.0	6	74
Hispanic	7.1	5.5-9.2	76	897
Asian/Pacific Islander	1.2	0.3-4.9	2	73
American Indian	10.1	6.7-14.9	35	262
P value	0.003			
"Other" (Bl, Asian, other)	6.0	3.5-10.2	17	255
5 year total, all races	5.8	5.4-6.1	1,307	19,590
Wyoming 2005	6.5	5.8-7.3	383	5,005
US Median 2005	7.3			
HP 2010 Objective	≤2.5			

^{*} Wyoming adults who report they were told by a doctor they have diabetes; women who were only told during pregnancy are counted as not having diabetes.

Table 16: No Awareness of Community Diabetes Activities* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	61.6	60.8-62.4	10,320	17,691
Black non-Hispanic	66.2	52.7-77.4	43	69
Hispanic	68.2	64.5-71.6	560	860
Asian/Pacific Islander	64.5	49.1-77.4	43	66
American Indian	49.3	41.6-57.1	122	253
P value	0.0001			
"Other" (Bl, Asian, other)	67.8	60.4-74.4	152	241
5 year total, all races	61.9	61.1-62.6	11,154	19,045
Wyoming 2005	62.2	60.6-63.8	2,839	4,828
US Median				
HP 2010 Objective				

^{*} Wyoming adults reporting not hearing about any activities to address the problem of diabetes in their community, includes those responding "don't know."

Table 17: Current Asthma* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	7.7	7.3-8.2	1,405	18,104
Black non-Hispanic	6.8	2.7-15.9	5	74
Hispanic	7.8	6.0-10.0	74	893
Asian/Pacific Islander	4.3	1.3-13.6	4	73
American Indian	7.2	4.5-11.4	25	262
P value	0.897			
"Other" (Bl, Asian, other)	5.8	3.3-9.9	16	254
5 year total, all races	7.7	7.3-8.1	1,520	19,513
Wyoming 2005	7.8	7.0-8.8	397	4,978
US Median 2005	8.0			
HP 2010 Objective				

^{*} Wyoming adults reporting having ever been told by a doctor they have asthma and report they still have asthma.

Table 18: High Blood Pressure* by Race/Ethnicity, Wyoming 2001, 2003, 2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	23.6	22.8-24.5	2,951	11,105
Black non-Hispanic	33.3	20.7-48.7	20	51
Hispanic	18.0	14.5-22.2	102	526
Asian/Pacific Islander			10	37
American Indian	15.4	10.3-22.3	32	170
P value	0.005			
"Other" (Bl, Asian, other)	25.8	18.6-34.6	48	151
3 year total, all races	23.2	22.4-24.0	3,133	11,952
Wyoming 2005	23.3	22.1-24.6	1,374	5,006
US Median 2005	25.8			
HP 2010 Objective	≤14			

^{*} Wyoming adults reporting having ever been told by a doctor, nurse, or other health professional that they have high blood pressure. Women who were only told this during pregnancy are counted as not having high blood pressure.

Table 19: High Cholesterol* by Race/Ethnicity, Wyoming 2001, 2003, 2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	27.4	26.5-28.3	3,297	10,874
Black non-Hispanic	10.7	4.7-22.6	7	51
Hispanic	14.9	11.7-18.7	90	514
Asian/Pacific Islander			12	36
American Indian	17.4	12.1-24.3	38	166
P value	< 0.0001			
"Other" (Bl, Asian, other)	17.2	11.6-24.8	33	148
3 year total, all races	26.4	25.6-27.3	3,458	11,702
Wyoming 2005	27.9	26.5-29.3	1,585	4,895
US Median 2005	27.5			
HP 2010 Objective				

^{*} Wyoming adults reporting having ever been told by a doctor, nurse, or other health professional that their blood cholesterol is high. Denominator includes those who report not having their blood cholesterol checked.

Table 20: Arthritis* by Race/Ethnicity, 2001, 2003, 2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	26.3	25.4-27.2	3,299	11,036
Black non-Hispanic	10.2	4.7-20.6	8	51
Hispanic	21.5	17.6-26.0	129	521
Asian/Pacific Islander			11	37
American Indian	25.3	18.5-33.4	50	169
P value	0.033			
"Other" (Bl, Asian, other)	18.0	12.3-25.5	35	151
3 year total, all races	25.9	25.1-26.8	3,513	11,877
Wyoming 2005	27.4	26.0-28.7	1,602	4,943
US Median 2005	27.0			
HP 2010 Objective				

^{*} Wyoming adults reporting they have been told by a doctor that they have arthritis.

Table 21: Disability* by Race/Ethnicity, Wyoming 2001, 2003, 2004, 2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	18.0	17.3-18.7	2,951	14,814
Black non-Hispanic	14.7	8.0-25.6	13	63
Hispanic	16.9	14.0-20.3	134	704
Asian/Pacific Islander	14.0	5.1-33.0	7	58
American Indian	23.5	17.9-30.1	64	219
P value	0.333			
"Other" (Bl, Asian, other)	14.6	9.9-21.0	39	208
4 year total, all races	18.0	17.3-18.6	3,188	15,945
Wyoming 2005	18.4	17.2-19.6	1,047	4,969
US Median 2005	18.6			
HP 2010 Objective				

^{*} Wyoming adults reporting they are limited in any way in any activities because of physical, mental, or emotional problems

Table 22: Uses Special Equipment* by Race/Ethnicity, 2001, 2003, 2004, 2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	5.3	5.0-5.7	941	14,828
Black non-Hispanic	10.6	5.0-20.9	8	63
Hispanic	5.4	3.9-7.4	46	702
Asian/Pacific Islander	3.0	0.7-13.0	2	58
American Indian	6.5	3.8-11.0	19	219
P value	0.388			
"Other" (Bl, Asian, other)	6.3	3.8-10.4	17	209
4 year total, all races	5.4	5.0-5.8	1,023	15,958
Wyoming 2005	6.0	5.4-6.7	382	4,975
US Median 2005	6.2			
HP 2010 Objective				

^{*} Wyoming adults reporting they have a health problem that requires the use of special equipment such as a cane, wheelchair, a special bed, or a special telephone.

Table 23: Fair or Poor Health Status* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	11.9	11.4-12.4	2,447	18,142
Black non-Hispanic	20.7	11.8-33.6	14	73
Hispanic	15.6	13.1-18.4	161	892
Asian/Pacific Islander	16.6	8.3-30.5	11	73
American Indian	18.3	13.6-24.2	59	262
P value	0.0007			
"Other" (Bl, Asian, other)	15.3	10.9-21.2	42	254
5 year total, all races	12.3	11.8-12.8	2,709	19,550
Wyoming 2005	13.0	12.1-14.1	753	4,998
US Median 2005	14.8			
HP 2010 Objective				

^{*} Wyoming adults who report that their health in general is fair or poor (from choices of excellent, very good, good, fair, or poor).

Table 24: Frequent Mental Distress (FMD)* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	8.6	8.1-9.1	1,580	17,871
Black non-Hispanic	9.9	4.3-21.3	7	70
Hispanic	12.1	9.8-15.0	111	876
Asian/Pacific Islander	9.7	3.3-25.5	7	73
American Indian	11.6	8.0-16.4	37	261
P value	0.032			
"Other" (Bl, Asian, other)	11.2	6.9-17.6	27	248
5 year total, all races	8.9	8.4-9.3	1,755	19,256
Wyoming 2005	8.7	7.8-9.7	434	4,909
US Median 2005	9.5			
HP 2010 Objective				

^{*} Wyoming adults reporting their mental health, which includes stress, depression, and problems with emotions was not good for 14 or more of the past 30 days.

Table 25: No Health Care Coverage* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	16.3	15.6-17.0	2,651	18,139
Black non-Hispanic	22.1	12.9-35.1	16	73
Hispanic	27.6	24.2-31.2	230	893
Asian/Pacific Islander	24.9	14.7-39.0	15	72
American Indian	36.8	29.5-44.7	79	261
P value	< 0.0001			
"Other" (Bl, Asian, other)	25.9	18.7-34.7	52	253
5 year total, all races	17.3	16.7-18.0	3,012	19,546
Wyoming 2005	18.0	16.6-19.4	760	4,993
US Median 2005	14.5			
HP 2010 Objective	0			

^{*} Wyoming adults reporting not having any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare.

Table 26: No Personal Doctor* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	24.2	23.4-24.9	3,854	18,137
Black non-Hispanic	45.6	32.3-59.7	26	74
Hispanic	30.0	26.5-33.7	245	893
Asian/Pacific Islander	40.9	28.6-54.5	27	73
American Indian	34.5	27.2-42.7	73	263
P value	< 0.0001			
"Other" (Bl, Asian, other)	39.1	31.5-47.2	84	255
5 year total, all races	24.8	24.1-25.6	4,256	19,548
Wyoming 2005	25.8	24.3-27.4	1,101	4,990
US Median 2005	18.5			
HP 2010 Objective	<u>≤</u> 4			

^{*} Wyoming adults who report they do not have one or more persons they think of as their personal doctor or health care provider.

Table 27: Unable to Get Needed Care* by Race/Ethnicity, Wyoming 2003-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	12.4	11.8-13.1	1,447	12,103
Black non-Hispanic	29.8	16.7-47.3	13	49
Hispanic	19.8	16.1-24.2	113	585
Asian/Pacific Islander	19.1	9.8-33.8	11	49
American Indian	20.9	15.0-28.3	47	178
P value	< 0.0001			
"Other" (Bl, Asian, other)	22.6	15.8-31.4	38	178
3 year total, all races	13.1	12.4-13.8	1,645	13,044
Wyoming 2005	13.2	12.1-14.4	628	5,002
US Median 2005	13.3			
HP 2010 Objective				

^{*} Wyoming adults reporting they needed to see a doctor but couldn't because of the cost at least one time in the past 12 months.

Table 28: No Mammogram in Past 2 Years (Women Age 40+)* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	30.9	29.7-32.0	2,303	7,504
Black non-Hispanic			8	20
Hispanic	36.3	30.3-42.8	100	285
Asian/Pacific Islander			10	24
American Indian	38.4	28.1-49.8	38	94
P value	0.055			
"Other" (Bl, Asian, other)	44.5	33.1-56.5	34	80
5 year total, all races	31.3	30.2-32.4	2,475	7,963
Wyoming 2005	31.5	29.4-33.7	669	2,149
US Median 2004	25.2			
HP 2010 Objective	≤30			

^{*} Women age 40 and older who report not having a mammogram within the past two years. Asked as an optional module by Wyoming in 2005.

Table 29: No Pap within 3 Years (Women w/ Intact Cervix)* by Race/Ethnicity, Wyoming 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	16.0	15.0-17.0	1,228	7,259
Black non-Hispanic			2	21
Hispanic	16.2	12.5-20.7	65	390
Asian/Pacific Islander			12	36
American Indian	10.3	5.5-18.5	12	105
P value	0.076			
"Other" (Bl, Asian, other)	27.2	18.7-37.9	26	94
5 year total, all races	16.0	15.1-17.0	1,331	7,848
Wyoming 2005	19.0	17.0-21.1	395	1,996
US Median 2004	14.0			
HP 2010 Objective	≤10			

^{*} Women with intact cervix-uteri who report not having a pap smear within the past three years. Asked as an optional module by Wyoming in 2005.

Table 30: No Cholesterol Check in Past 5 Years* by Race/Ethnicity, Wyoming 2001, 2003, 2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	25.7	24.7-26.7	2,358	10,859
Black non-Hispanic	38.0	24.4-53.7	19	51
Hispanic	42.9	37.7-48.1	186	514
Asian/Pacific Islander			12	35
American Indian	33.1	24.7-42.8	47	167
P value	< 0.0001			
"Other" (Bl, Asian, other)	35.0	24.7-46.9	40	147
3 year total, all races	26.8	25.8-27.8	2,631	11,687
Wyoming 2005	26.2	24.6-27.9	1,033	4,893
US Median 2005	27.0			
HP 2010 Objective	≤20			

^{*} Wyoming adults reporting not having their blood cholesterol checked within the past 5 years.

Table 31: No Flu Shot in Past 12 Months, Age 50+* by Race/Ethnicity, 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	46.1	45.0-47.3	4,071	8,953
Black non-Hispanic			9	27
Hispanic	42.2	35.9-48.7	126	282
Asian/Pacific Islander			12	22
American Indian	47.6	36.6-58.8	44	96
P value	0.437			
"Other" (Bl, Asian, other)	37.8	27.8-49.0	36	97
5 year total, all races	45.9	44.8-47.0	4,277	9,428
Wyoming 2005	48.4	46.3-50.5	1,244	2,634
US Median 2005				
HP 2010 Objective				

^{*} Wyoming adults age 50 and older reporting not having had a flu shot in the past 12 months. Excludes the small number of persons who had the flu spray.

Table 32: Never Had Sigmoidoscopy/Colonoscopy, Age 50+* by Race/Ethnicity, 2001- 2004 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	52.2	50.8-53.5	3,334	6,374
Black non-Hispanic			13	20
Hispanic	62.2	54.5-69.4	120	195
Asian/Pacific Islander			9	14
American Indian	59.2	46.2-71.0	42	69
P value	0.085			
"Other" (Bl, Asian, other)	63.4	50.7-74.6	47	74
4 year total, all races	52.7	51.4-54.0	3,543	6,712
Wyoming 2004	51.5	49.2-53.9	1,062	2,048
US Median 2004	46.5			
HP 2010 Objective	< 50			

^{*} Wyoming adults age 50 and older reporting never having had a colonoscopy or sigmoidoscopy.

Table 33: No Blood Stool Test in Past 2 Years, Age 50+* by Race/Ethnicity, 2001- 2004 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	80.0	78.9-81.1	5,110	6,363
Black non-Hispanic			17	19
Hispanic	86.0	80.1-90.3	167	197
Asian/Pacific Islander			11	13
American Indian	89.9	79.9-95.3	62	69
P value	0.084			
"Other" (Bl, Asian, other)	80.4	67.7-88.9	59	72
4 year total, all races	80.3	79.3-81.3	5,398	6,701
Wyoming 2004	80.1	78.1-81.9	1,647	2,042
US Median 2004	73.5			
HP 2010 Objective	<67			

^{*} Wyoming adults ages 50 and older who reported not having a blood stool test using a home kit within the past 2 years.

Table 34: Never Tested for HIV, Age 18-64 * by Race/Ethnicity, 2001-2005 BRFSS

Race/Ethnicity	Percentage	Confidence Interval	Number	Sample size
White non-Hispanic	63.0	62.1-64.0	8,693	13,660
Black non-Hispanic	21.2	11.9-34.9	13	56
Hispanic	57.0	52.8-61.0	437	765
Asian/Pacific Islander	57.3	42.5-70.9	35	61
American Indian	49.4	41.3-57.5	116	229
P value	< 0.0001			
"Other" (Bl, Asian, other)	49.2	40.1-58.4	87	188
5 year total, all races	62.2	61.3-63.2	9,333	14,842
Wyoming 2005	65.8	64.0-67.6	2,467	3,662
US Median 2004	58.5			
HP 2010 Objective				

^{*} Wyoming adults age 18-64 reporting never having been tested for HIV, not counting tests as part of a blood donation.