

Navajo County Public Health Services District



Navajo County Community Health Status Assessment 2012 UPDATE

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2012

Conducted in collaboration with the Navajo Public Health Services District and the University of Arizona Center for Rural Health

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Introduction:

This report serves as an addendum to the Navajo County Community Health Status Assessment (CHSA) dated January of 2010. In most cases, the original data table from the 2010 report is reproduced here with an updated table below. The scope of the project was to update all data where current secondary sources of information existed. In a few instances, the research team did obtain primary data by telephone calls.

The Center for Rural Health was contracted to identify and update as many of the original tables contained in the 2010 CHSA as possible. A total of 100 tables were identified as being probable candidates for having updated information publically available. Available secondary data analyses, and some phone calls, yielded updated information in 77 of those tables. In some cases, raw data were available; however time constraints placed limitations upon the statistical analyses that were done. A list of tables in which current information was not readily available is contained in the appendix.

In reviewing the 77 tables contained in this report, we would like to provide the following notes:

- Our researchers noticed some issues with data from the original report. In these cases, an explanation of the inconsistency will appear in italics below the table title. There also may be highlighted data to draw attention to the inconsistency (e.g., Table 1.2).
- “Old” and “new” tables may not be formatted in the same way, or there may be more or less information provided in one than in another (e.g., Table 11.0). The availability of public data evolves. We attempted to use the original sources first. If those data were not updated or unavailable, we sought alternative sources. In a few instances, multiple tables are combined into one (e.g., Table 10.6/7/8/9).
- Data presented in the “new” tables may be formatted differently from the original table to highlight Navajo County data as opposed to Arizona or national data (e.g., Table 8.7).
- Some data sets did not allow for frequency calculations (e.g., Table 5.6) and the definitions of the categories utilized in the original table (e.g., not at risk, at risk, unsure) were unclear. In these cases, we reported prevalence data on the health risk of interest.
- In reviewing the data in the new tables versus the old tables, it does not appear that there are significant differences between the two, but the updated data should contribute towards the next steps in developing a community health improvement plan for Navajo County.

Category 1: Demographic Characteristics

Table 1.0 Demographic Information for Navajo County (OLD)

Overall Demographic Information in Navajo County, AZ from 2000-2008			
2000 Population	2008 Population	Net Change	Population Density
97,470	112,757	15,287	11 people/square mile

US Census Bureau, Community Health Status Indicators (CHSI) 2008; Estimates of Average Annual Rates of the Components of Population Change for Counties of Arizona, US Census Bureau, Population Division (2005) (2009);

Table 1.0 Demographic Information for Navajo County (NEW)

Overall Demographic Information in Navajo County, AZ from 2000-2011			
2000 Population ¹	2011 Population ²	Net Change	Population Density ³
97,470	107,398	9,928	10.8 persons/square mile

¹Source: U.S. Census Bureau, Census 2000 Summary File 1 (SF 1).

²Source: U.S. Census Bureau, 2011 American Community Survey (ACS).

³Source: U.S. Census Bureau, Census of Population and Housing. Land area is based on current information in the TIGER® data base, calculated for use with Census 2010.

Table 1.1 Projected Population Growth in Navajo County (OLD)

Projected Population Growth in Navajo County					
Year	Total Reservation	Total Hopi	Total Navajo Nation	Total White Mountain Apache	Total Non-Reservation
Current (2009)	50,352	5,812	32,095	12,446	70,239
2010	51,147	5,812	32,677	12,658	72,025
2015	54,992	5,812	35,495	13,685	80,679
2020	58,492	5,812	38,060	14,620	88,553
2025	61,555	5,812	40,305	15,438	95,445
2030	64,216	5,812	42,255	16,149	101,431

1 The total population change includes a residual. The residual represents the change in population that cannot be attributed to any specific demographic component. (State & County terms & Definitions <http://www.census.gov/popest/topics/terms/states.html>)

2 Net migration includes internal and international migration.

Table 1.1 Projected Population Growth in Navajo County: 2015-2055 (NEW)

Projected Population Growth in Navajo County: 2015-2055 ¹					
Year	Total Reservation	Total Hopi	Total Navajo Nation	Total White Mountain Apache	Total Non-Reservation
2015	54,992	5,812	35,495	13,685	80,679
2020	58,492	5,812	38,060	14,620	88,553
2025	61,555	5,812	40,305	15,438	95,445
2030	64,216	5,812	42,255	16,149	101,431
2035	66,566	5,812	43,977	16,777	106,718
2040	68,649	5,812	45,504	17,333	111,405
2045	70,589	5,812	46,926	17,852	115,771
2050	72,436	5,812	48,279	18,345	119,924
2055	74,340	5,812	49,674	18,854	124,209

¹Source: Arizona Department of Economic Security, Research Administration, Population Statistics Unit, Sub-county Projections by CCD, CDP, Reservation & Jurisdiction.

Table 1.2 Demographic Profiles by Age and Sex (OLD)

Note: Numbers highlighted in yellow appear to be incorrect data.

Demographic Profile: Age and Sex							
Total Population	Navajo County Total Population 109,130				Arizona Total Population 6,152,175		
Age Group	Navajo County				Arizona		
	Total Percent	Total Number	Male	Female	Total Percent	Male	Female
under 5	7.8%	4,785	7.9%	7.6%	7.8%	8.0%	7.7%
5 to 9 years	7.3%	4,542	7.2%	7.4%	7.2%	7.2%	7.1%
10 to 14 years	9.5%	4,544	9.9%	9.1%	7.1%	7.4%	6.9%
15 to 19 years	9.4%	4,592	9.7%	9.0%	6.9%	7.1%	6.6%
20 to 24 years	7.7%	3,682	7.9%	7.5%	6.8%	7.2%	6.4%
25 to 29 years	7.0%	3,698	7.6%	6.5%	7.5%	7.9%	7.1%
30 to 34 years	5.2%	3,180	5.2%	5.3%	6.9%	7.2%	6.7%
35 to 39 years	6.4%	3,199	6.4%	6.3%	6.9%	7.1%	6.7%
40 to 44 years	5.8%	3,276	5.9%	5.8%	6.9%	7.0%	6.8%
45 to 49 years	6.6%	3,669	6.6%	6.7%	6.8%	6.8%	6.9%
50 to 54 years	5.9%	3,498	5.4%	6.3%	6.1%	5.9%	6.3%
55 to 59 years	5.6%	3,358	5.2%	6.1%	5.5%	5.3%	5.8%
60 to 64 years	4.3%	2,750	4.2%	4.3%	4.6%	4.4%	4.9%
65 to 69 years	3.3%	2,207	3.5%	3.2%	3.6%	3.4%	3.8%
70 to 74 years	3.4%	1,620	2.9%	3.8%	2.9%	2.7%	3.1%
75 to 79 years	2.1%	1,145	1.9%	2.2%	2.8%	2.6%	3.0%
80 to 84 years	1.6%	792	1.4%	1.8%	2.0%	1.6%	2.3%
85 years and over	1.1%	665	1.0%	1.1%	1.5%	1.1%	1.9%

US Census (American Community Survey 2005-2007 data), Navajo County Asset Inventory (2008, data for total number of people by age, data from "Arizona Sub-county ESRI Census Defined Place Data Proportions"), Total population numbers for the county and the state are a three year estimate.

Table 1.2 Demographic Profiles by Age and Sex, 2011 (NEW)

Demographic Profile: Age and Sex							
Total Population	Navajo County Total Population 107,398				Arizona Total Population 6,482,505		
Age Group	Navajo County				Arizona		
	Total Percent	Total Number	Male	Female	Total Percent	Male	Female
under 5	7.90%	8,484	7.90%	7.90%	6.90%	7.10%	6.70%
5 to 9 years	8.50%	9,129	8.80%	8.20%	7.00%	7.00%	7.00%
10 to 14 years	7.80%	8,377	7.80%	7.80%	7.00%	7.40%	6.60%
15 to 19 years	8.50%	9,129	8.60%	8.50%	7.00%	7.20%	6.80%
20 to 24 years	7.20%	7,733	7.60%	6.80%	7.10%	7.50%	6.80%
25 to 29 years	4.70%	5,048	4.90%	4.40%	6.80%	7.10%	6.60%
30 to 34 years	5.20%	5,585	5.60%	4.80%	6.60%	6.70%	6.40%
35 to 39 years	5.20%	5,585	5.40%	5.00%	6.20%	6.40%	6.00%
40 to 44 years	5.30%	5,692	5.30%	5.30%	6.50%	6.60%	6.40%
45 to 49 years	6.30%	6,766	6.30%	6.30%	6.40%	6.40%	6.40%
50 to 54 years	7.00%	7,518	6.90%	7.10%	6.50%	6.40%	6.70%
55 to 59 years	5.80%	6,229	5.90%	5.70%	6.00%	5.70%	6.30%
60 to 64 years	6.70%	7,196	6.10%	7.30%	5.70%	5.50%	5.90%
65 to 69 years	4.10%	4,403	4.40%	3.80%	4.50%	4.30%	4.80%
70 to 74 years	4.40%	4,726	3.60%	5.20%	3.50%	3.40%	3.70%
75 to 79 years	3.20%	3,437	2.80%	3.50%	2.60%	2.40%	2.70%
80 to 84 years	1.10%	1,181	0.90%	1.30%	1.90%	1.80%	2.00%
85 years and over	1.20%	1,289	1.20%	1.10%	1.70%	1.20%	2.20%

¹Source: U.S. Census Bureau, 2011 American Community Survey (ACS)

Table 1.7 Demographic Profile: Race and Ethnic Distribution (OLD)

Racial Distribution: Navajo County, Arizona (2005-2007)								
State & Navajo County	Caucasian	African American	American Indian/ Alaska Native	Asian	Pacific Islander	Other Race	Hispanic or Latino**	Multi-Race (2 or more)
Arizona	4,701,013	210,069	276,132	144,389	8,878	661,797	1,785,737	149,897
Navajo County	50,233	1,151	49,583	131	82	4,888	8,011	2,436
Winslow	5,102 (49.77%)	593 (5.78%)	2,350 (22.92%)	132 (1.29%)	10 (.09%)	1,595 (15.56%)	3,422 (33%)	471 (4.60%)
Holbrook	3,275 (57.47%)	129 (2.29%)	1,335 (23.64%)	77 (1.36%)	1 (.02%)	546 (9.67%)	1,521 (27%)	313 (5.55%)
Snowflake	4,804 (85.73%)	28 (.49%)	379 (6.77%)	28 (.49%)	4 (.07%)	228 (4.07%)	605 (11%)	132 (2.36%)
Taylor	3,874 (86.39%)	37 (.83%)	257 (5.73%)	7 (.16%)	4 (.08%)	186 (4.14%)	585 (13%)	120 (2.68%)
Show Low	10,796 (87.07)	46 (.37%)	447 (3.60%)	102 (.82%)	12 (.10%)	684 (5.52%)	1,741 (14%)	313 (2.53%)
Pinetop-Lakeside	4,159 (86.68%)	62 (1.29%)	103 (2.15%)	26 (.55%)	1 (.02%)	317 (6.60%)	747 (16%)	130 (2.70%)
Heber-Overgaard	3,383 (93.76%)	2 (.06%)	78 (2.15%)	8 (.22%)	5 (.14%)	77 (2.13%)	295 (8%)	55 (1.52%)
Hon-Dah McNary	32 (8.06%)	11 (2.77%)	326 (82.12%)	0 (.00%)	0 (.00%)	14 (3.53%)	48 (12%)	14 (3.53%)
Cibecue	34 (2.05%)	2 (.12%)	1,600 (96.27%)	3 (.18%)	0 (.00%)	4 (.24%)	31 (2%)	19 (1.14%)
Whiteriver	187 (2.94%)	2 (.03%)	6,035 (94.99%)	2 (.03%)	0 (.00%)	28 (.44%)	134 (2%)	99 (1.56%)

Navajo County Community Asset Inventory 2008 source: Arizona Sub-county population projections distributed by ESRI Census Defined Place Data Proportions, US Census Bureau American Community Survey 2005-2007.

** Please note the percentages for the Hispanic/Latino population include the Hispanic/Latino percentage of the total population in that area. Please note data for Navajo Nation and Hopi (within Navajo County) were unavailable.

Table 1.7 Demographic Profile: Race and Ethnic Distribution, 2011 (NEW)

Racial Distribution: Navajo County, Arizona								
State & Navajo County	Caucasian	African American	American Indian/ Alaska Native	Asian	Pacific Islander	Other Race	Hispanic or Latino**	Multi-Race (2 or more)
Arizona ¹	5,141,027 (79.3)	265,940 (4.1)	289,812 (4.5)	177,297 (2.7)	11,941 (0.2)	402,195 (6.2)	1,949,295 (30.1)	194,293 (3.0)
Navajo County ¹	53,175 (49.5)	426 (0.4)	46,764 (43.5)	831 (0.8)	0 (0.0)	2,388 (2.2)	11,967 (11.1)	3,814 (3.6)
Winslow ²	5,155 (53.4)	547 (5.7)	2,478 (25.7)	96 (1.0)	11 (0.1)	870 (9.0)	3,171 (32.8)	498 (5.2)
Holbrook ²	2,819 (55.8)	135 (2.7)	1,332 (26.4)	66 (1.3)	2 (0.0)	405 (8.0)	1,281 (25.4)	294 (5.8)
Snowflake ²	4,727 (84.6)	7 (0.1)	361 (6.5)	12 (0.2)	12 (0.2)	335 (6.0)	661 (11.8)	136 (2.4)
Taylor ²	3,535 (86.0)	9 (0.2)	197 (4.8)	12 (0.3)	3 (0.1)	245 (6.0)	546 (13.3)	111 (2.7)
Show Low ²	9,341 (87.6)	47 (0.4)	438 (4.1)	84 (0.8)	16 (0.2)	447 (4.2)	1,360 (12.8)	287 (2.7)
Pinetop-Lakeside ²	3,814 (89.1)	25 (0.6)	146 (3.4)	33 (0.8)	0 (0.0)	169 (3.9)	618 (14.4)	95 (2.2)
Heber-Overgaard ²	2,545 (90.2)	7 (0.2)	60 (2.1)	8 (0.3)	5 (0.2)	126 (4.5)	326 (11.6)	71 (2.5)
Hon-Dah McNary ²	27 (3.3)	2 (0.2)	753 (92.7)	2 (0.2)	0 (0.0)	3 (0.4)	41 (5.0)	25 (3.1)
Cibecue ²	13 (0.8)	2 (0.1)	1,651 (96.4)	29 (1.7)	0 (0.0)	7 (0.4)	32 (1.9)	11 (0.6)
Whiteriver ²	39 (1.0)	2 (0.0)	3,972 (96.8)	27 (0.7)	0 (0.0)	7 (0.2)	73 (1.8)	57 (1.4)

¹Source: U.S. Census Bureau, 2011 American Community Survey (ACS)

²U.S. Census Bureau, 2010 Census

Category 2 – Socioeconomic Characteristics

Table 2.0 Unemployment in Arizona and Navajo County (OLD)

Region	2004 Unemployment Rate	2009 Unemployment Rate	Percent Change from 2004 to 2009
Winslow	3.8%	6.2%	63.15%
Show Low	4.0%	6.5%	62.5%
Holbrook	5.4%	8.7%	61.11%
Pinetop-Lakeside	4.4%	7.2%	63.63%
Kayenta	13.8%	21.0%	52.17%
Taylor	3.8%	6.1%	60.52%
Snowflake	4.6%	7.4%	60.87%
Heber-Overgaard	2.1%	3.4%	61.90%
Navajo County	8.4%	13.2%	57.14%
Arizona	4.9%	8.0%	63.26%

Percent change is approximate change. Arizona, State and County data from Bureau of Labor Statistics www.bls.gov 2004, 2009 Special Unemployment Report.

Table 2.0 Unemployment in Arizona and Navajo County (NEW)

Region	2009 Unemployment Rate ¹	2012 Unemployment Rate ²	Percent Change from 2009 to 2012
Winslow	7.2%	7.2%	0.0%
Show Low	7.6%	7.5%	-1.3%
Holbrook	10.1%	10.0%	-1.0%
Pinetop-Lakeside	8.3%	8.2%	-1.2%
Kayenta	24.0%	23.8%	-0.8%
Taylor	7.1%	7.0%	-1.4%
Snowflake	8.6%	8.5%	-1.2%
Heber-Overgaard	4.1%	4.0%	-2.4%
Navajo County	15.2%	15.1%	-0.7%
Arizona	9.9%	8.4%	-15.2%

¹Source: Arizona Office of Employment & Population Statistics in cooperation with U.S. Bureau of Labor Statistics, Arizona Unemployment Statistics Program, Special Unemployment Report, 2009

²Source: Arizona Office of Employment & Population Statistics in cooperation with U.S. Bureau of Labor Statistics, Arizona Unemployment Statistics Program, Special Unemployment Report, January through September 2012

Table 2.1 Unemployment in Tribal Regions in Navajo County (OLD)

Tribal Area	Unemployment 2004	Unemployment 2009	Percent Change 2004 to 2009
*Navajo Nation	16.0%	20.6%	28.75%
*Hopi Tribe	12.5%	18.8%	50.4%
Fort Apache Indian Reservation	15.7%	23.5%	49.68%
Arizona Native American Reservations in Arizona	15.7%	22.2%	41.40%
Navajo County	8.4%	13.2%	57.14%
Arizona	4.9%	8.0%	63.26%

Arizona Department of Economic Security, Arizona Workforce information
www.workforce.az.gov (2000, 2004, 2009 Special Unemployment Report)

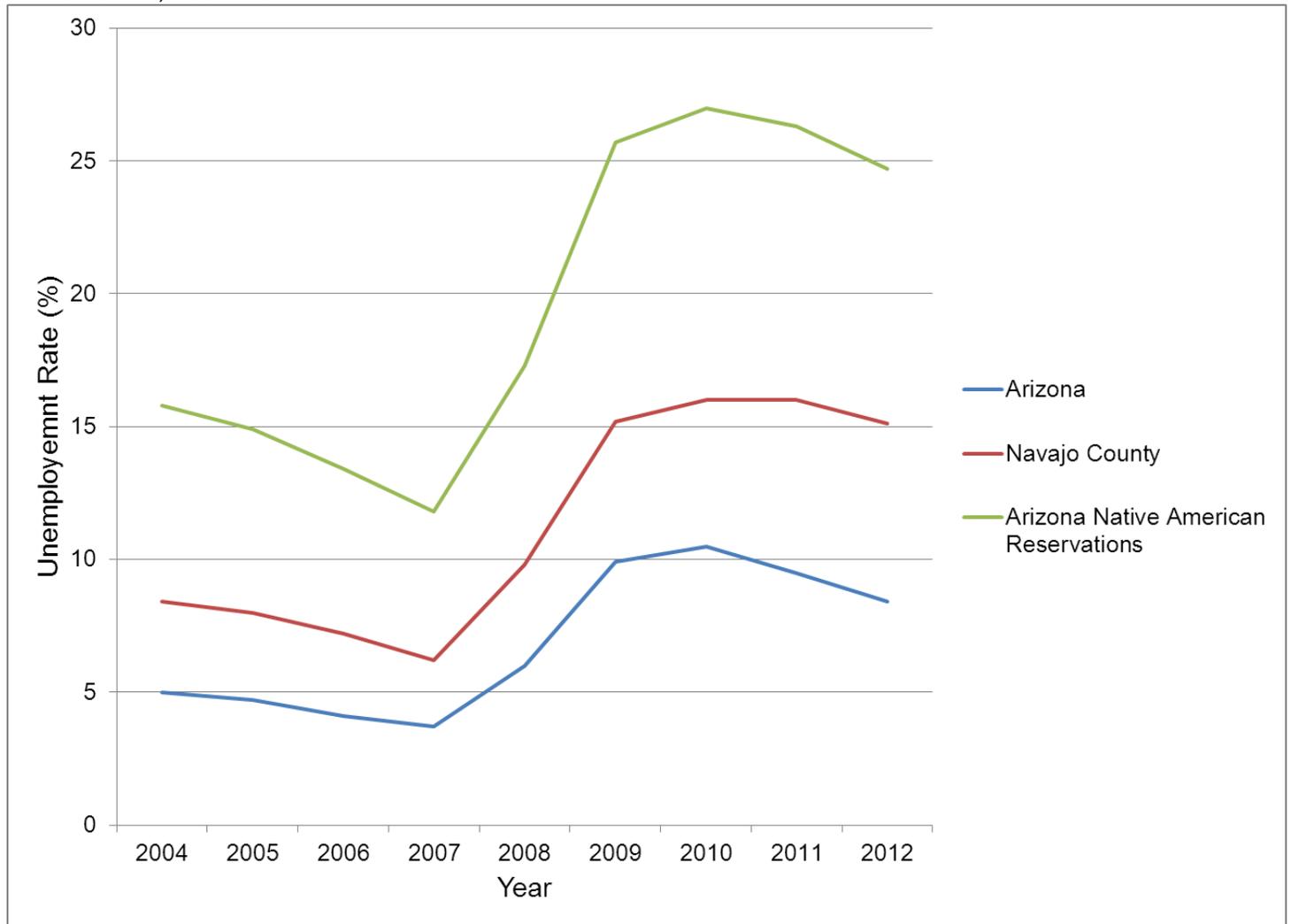
Table 2.1 Unemployment in Tribal Regions in Navajo County (NEW)

Tribal Area	Unemployment 2009 ¹	Unemployment 2012 ²	Percent Change 2009 to 2012
Navajo Nation Reservation and Off-Reservation Trust Land	24.0%	25.6%	6.7%
Hopi Reservation and Off-Reservation Trust Land	21.7%	21.5%	-0.9%
Fort Apache Reservation	26.6%	26.0%	-2.3%
Arizona Native American Reservations	25.7%	24.7%	-3.9%
Navajo County	15.2%	15.1%	-0.7%
Arizona	9.9%	8.4%	-15.2%

¹Source: Arizona Office of Employment & Population Statistics in cooperation with U.S. Bureau of Labor Statistics, Arizona Unemployment Statistics Program, Special Unemployment Report, 2009

²Source: Arizona Office of Employment & Population Statistics in cooperation with U.S. Bureau of Labor Statistics, Arizona Unemployment Statistics Program, Special Unemployment Report, January through September 2012

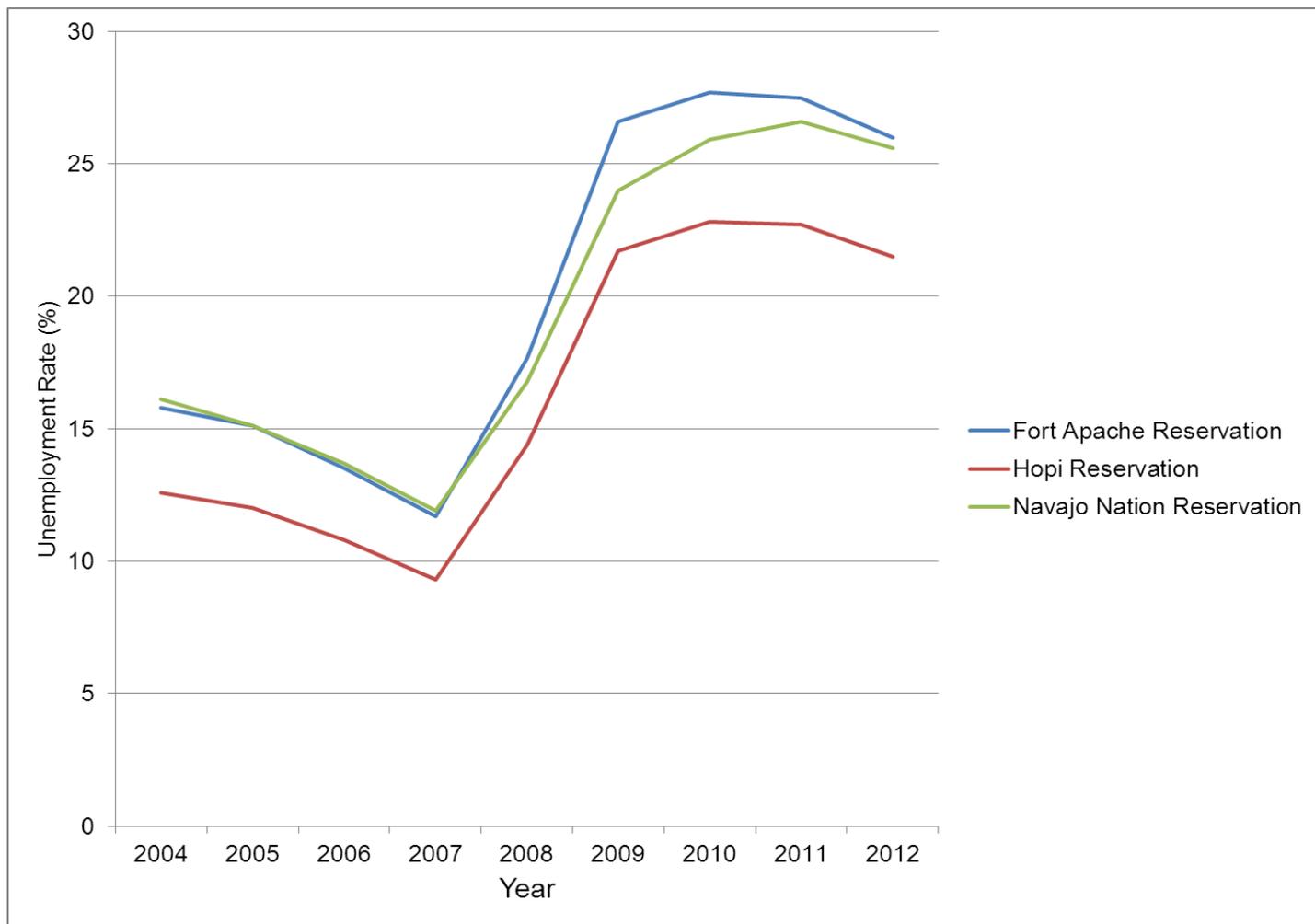
Table 2.2 Unemployment Trends: Navajo County, Arizona, and Arizona Native American Reservation, 2004-2012^{1,2}



¹Source: Arizona Office of Employment & Population Statistics in cooperation with U.S. Bureau of Labor Statistics, Arizona Unemployment Statistics Program, Special Unemployment Report, 2004-2012

²Note: Data for 2012 are for January through September 2012

Table 2.3 Unemployment Trends: Navajo Nation, Hopi Tribe, and Fort Apache Indian Reservation, 2004-2012^{1,2}



¹Source: Arizona Office of Employment & Population Statistics in cooperation with U.S. Bureau of Labor Statistics, Arizona Unemployment Statistics Program, Special Unemployment Report, 2004-2012

²Note: Data for 2012 are for January through September 2012

Table 2.4 Percent of Navajo County and Arizona Residents Living Below Poverty (OLD)
 Note: Numbers highlighted in yellow do not sum to 100% and are different than 2011 data.

Percent Below Poverty Level (2004-2007)		
Core Indicators	2005-2007 Navajo County	2005-2007 Arizona Averages
Total (106,760, total population for whom poverty status is determined)	24.4%	14.2%
Children (under 18 years)	33%	20%
Educational Attainment		
Less than a high school graduate	38.7%	23.7%
High school graduate	20.3%	12.4%
Some college, associate's degree	13.6%	7.9%
Bachelor's degree or higher	1.6%	4.0%

American Fact finder: American Community Survey 2004-2007.

Table 2.4 Percent of Navajo County and Arizona Residents Living Below Poverty, 2011 (NEW)

Population Living Below the Poverty Line ^{1,2}		
	Navajo County	Arizona
All people	33.0%	19.0%
Under 18 years	46.7%	27.2%
Educational Attainment ^{1,3}		
Less than a high school graduate	19.2%	14.3%
High school graduate	26.9%	24.6%
Some college, no degree or Associate's degree	39.8%	34.5%
Bachelor's degree or higher	14.1%	26.6%

¹Source: U.S. Census Bureau, 2011 American Community Survey

²Percentage of people whose income in the past 12 months is below the poverty level

³Among the population 25 years and older

Table 2.5 Median Household Income in Navajo County (OLD)

Median Household Income										
Income Level	Winslow	Holbrook	Snowflake	Taylor	Show Low	Pine-Top Lakeside	Heber-Overgaard	Hon-Dah McNary	Cibecue	Whiteriver
Median Income	\$35,351	\$40,325	\$44,999	\$40,386	\$40,288	\$45,292	\$35,305	\$15,866	\$20,729	\$25,519
<\$50K	61%	61%	55%	61%	59%	54%	63%	91%	90%	85%
>\$50K	27%	28%	33%	30%	32%	36%	31%	9%	5%	13%
>\$100K	13%	11%	12%	10%	9%	11%	6%	0%	5%	2%

Community Asset Report, Navajo County, Conducted by Northern Arizona University, 2008

Table 2.5 Household Income in Navajo County, 2006-2010 (NEW)

Household Income ^{1,2}										
Income	Winslow	Holbrook	Snowflake	Taylor	Show Low	Pine-Top Lakeside	Heber-Overgaard	Hon-Dah McNary	Cibecue	Whiteriver
Median	\$32,875	\$42,375	\$53,750	\$50,358	\$41,224	\$47,143	\$28,512	\$23,000	\$23,278	\$32,105
\$0-\$49,999	87.8%	52.6%	43.4%	48.4%	61.5%	50.9%	78.1%	67.3%	79.1%	74.7%
\$50,000-\$99,999	0.0%	37.4%	44.3%	44.7%	29.6%	34.3%	15.5%	32.7%	17.3%	17.0%
≥\$100,000	12.2%	10.1%	12.3%	7.1%	8.8%	14.8%	6.4%	0.0%	3.7%	8.3%

¹Source: U.S. Census Bureau, 2006-2010 American Community Survey

²Household income and benefits in 2010 inflation-adjusted dollars

Table 2.8 Number of Unmarried Mothers in Navajo County versus Arizona (OLD)

Unmarried Mothers				
Year	Navajo County		Arizona	
	Number	Ratio**	Number	Ratio**
2005	1,080	56.8	40,993	42.8
2006	1,092	58.2	44,746	43.9
2007	1,165	Not available	Not available	Not available
2008	1,145	58.9	44,728	45.1

Arizona Advanced Vital Statistics, 2005-2008 ** Indicates that the ratio is per 100 births.

Table 2.8 Unmarried Mothers, Navajo County versus Arizona, 2000-2010 (NEW)

Live Births to Unmarried Mothers ¹						
Year	Navajo County			Arizona		
	Number of live births	Percentage of live births to unmarried mothers	Number of live births to unmarried mothers	Number of live births	Percentage of live births to unmarried mothers	Number of live births to unmarried mothers
2000	1,682	49.5	833	84,985	39.3	33,438
2001	1,573	52.3	823	85,213	39.4	33,583
2002	1,634	52.0	849	87,379	40.2	35,116
2003	1,716	54.0	927	90,783	41.2	37,394
2004	1,789	55.4	991	93,396	41.9	39,145
2005	1,903	56.8	1,080	95,798	42.8	40,993
2006	1,877	58.2	1,092	102,042	43.9	44,746
2007	2,012	57.9	1,165	102,687	45.0	46,195
2008	1,944	58.9	1,145	99,215	45.1	44,728
2009	1,893	59.8	1,132	92,616	45.2	41,856
2010	1,737	61.0	1,060	87,053	44.7	38,871

¹Source: Arizona Department of Health Services, Arizona Health Status and Vital Statistics, 2000-2010

Table 2.10 Number of Uninsured in Arizona versus Navajo County (OLD)

Number of Uninsured in Arizona					
Arizona			United States		
Age Range	Number	Percent	Age Range	Number	Percent
Under 18	282,000	15.9%	Under 18	8,872,090	11.3%
19-64	938,820	24.5%	19-64	36,098,690	19.7%
Total 0-64	1,220,820	21.8%	Total 0-64	44,970,780	17.2%

Navajo County (2006) Data Sponsored By: U.S. Census Bureau and the Centers for Disease Control and Prevention; Data Source: SAHIE//State and County by Demographic and Income Characteristics/2006 (See table 2.11 below for more data based on income levels)

Arizona (2006-2007) and United States (2007) Sources: Urban Institute and Kaiser Commission on Medicaid and the Uninsured estimates based on the Census Bureau's March 2007 and 2008 Current Population Survey (CPS: Annual Social and Economic Supplements).

Table 2.10 Uninsured in Arizona and the US, 2011 (NEW)

Uninsured in Arizona and the US, 2011 ¹					
Arizona			United States		
Age Group (years)	Number of Uninsured	Percent of Age Group	Age Group (years)	Number of Uninsured	Percent of Age Group
0-17	208,419	12.9%	0-17	5,527,657	8.9%
18-64	876,902	22.8%	18-64	40,455,941	21.0%
Total under 65	1,085,321	19.9%	Total under 65	45,983,598	18.1%

¹Source: U.S. Census Bureau, 2011 American Community Survey (Universe: Civilian non-institutionalized population)

Table 2.11 Number of Uninsured in Navajo County (OLD)

Number of Uninsured in Navajo County, 2006			
	Number Uninsured	Number in a Demographic Group for all Income Levels*	% Uninsured for Number in a Demographic Group for all Income Levels*
Under 19	3,613	34,351	10.5%
18-64	9,956	63,836	15.6%
Total Under 65	14,257	96,394	14.8%

Navajo County Data Sponsored By: U.S. Census Bureau and the Centers for Disease Control and Prevention; Data Source: SAHIE//State and County by Demographic and Income Characteristics/2006.* The number in a demographic group is the number of people in the poverty universe in that age, sex, and race/Hispanic origin group.

Table 2.11 Number of Uninsured in Navajo County (NEW)

Number of Uninsured in Navajo County, 2011 ¹			
Age Group (years)	Number of Uninsured	Total Population in Age Group	Percent Uninsured in Age Group
0-17	4,440	31,259	14.2%
18-64	15,183	59,228	25.6%
Total under 65	19,623	90,487	21.7%

¹Source: U.S. Census Bureau, 2011 American Community Survey (Universe: Civilian non-institutionalized population)

Table 2.12 Number of Uninsured Based on Sex (OLD)

Note: Numbers are highlighted in yellow to indicate that population numbers and percentages are inconsistent between Navajo County (population = total population by sex; percent = percent uninsured of total male/female population) and Arizona/US (population = total number of uninsured; percent = percent of total uninsured population by sex). The new table utilizes the approach presented for Navajo County in this table.

Uninsured Based on Sex (0-64)				
	Male		Female	
	Number	Percent	Number	Percent
Navajo County	5,408	17.5%	4,548	13.8%
	Total Number*: 30,861		Total Number*: 32,976	
Arizona	654,230	53.6%	566,590	46.4%
	Total Number: 1,220,820		Total Number: 1,220,820	
United States	24,247,040	53.9%	20,723,740	46.1%
	Total Number: 44,970,780		Total Number: 44,970,780	

[Navajo County (2006) Data Sponsored By: U.S. Census Bureau and the Centers for Disease Control and Prevention; Data Source: SAHIE//State and County by Demographic and Income Characteristics/2006. Only ages 18-64 available.]

* Total numbers specific to sex for Navajo County (# out of total males/ # out of total females)

[Arizona (2006-2007) and United States (2007) Data Sources: Urban Institute and Kaiser Commission on Medicaid and the Uninsured estimates based on the Census Bureau’s March 2007 and 2008 Current Population Survey (CPS: Annual Social and Economic Supplements) Ages 0-64.]

Table 2.12 Number of Uninsured by Sex, Under Age 65, 2011 (NEW)

Uninsured by Sex, Under Age 65, 2011 ¹						
	Male			Female		
	Number of Uninsured	Total Population	Percent Uninsured	Number of Uninsured	Total Population	Percent Uninsured
Navajo County	10,942	45,327	24.1	8,681	45,160	19.2
Arizona	598,244	2,722,585	22.0	487,077	2,744,679	17.7
United States	24,769,981	132,122,210	18.7	21,213,617	134,352,222	15.8

¹Source: U.S. Census Bureau, 2011 American Community Survey (Universe: Civilian non-institutionalized population)

Category 3 – Health Resource Availability

Table 3.1 (OLD)

Number of Licensed Medical Doctors in Navajo County (2009)												
Provider Type	Cibecue	Holbrook	Kayenta	Lakeside	Pinetop-	Polacca	Second Mesa	Show Low	Snowflake	Taylor	Whiteriver	Winslow
Number of Licensed Medical Doctors	1	5	2	19	5	4	1	47	5	1	16	19

Data from 2009 Arizona Medical Doctor database, Arizona Medical Board Directory

Table 3.1 Number of Licensed Medical Doctors in Navajo County, 2012 (NEW)

Number of Licensed Medical Doctors in Navajo County, 2012											
Cibecue	Holbrook	Kayenta	Lakesdie	Pinetop	Polacca	Second Mesa	Show Low	Snowflake	Taylor	Whiteriver	Winslow
1	5	2	17	1	1	0	36	4	1	16	23

Source: Arizona Medical Board, Medical Director 2012

Table 3.13 Healthcare Coverage (OLD)

HealthCare Access, Navajo County						
Year	Do not have healthcare coverage		Do not have a personal healthcare provider		Could not see a doctor because of cost	
	Frequency	Percent	Frequency	Percent	Frequency	Percent
2004	11,444	17.8%	15,929	24.7%	10,630	16.5%
2005	15,709	25.1%	17,589	28.1%	8,257	13.2%
2006	15,306	20.9%	Not available	Not available	11,698	16%
2007	19,468	25.9%	Not available	Not available	12,714	16.9%

BRFSS data, 2004-2007

Table 3.13 Healthcare Coverage, Navajo County, 2008-2010 (NEW)

Healthcare Coverage, Navajo County, 2008-2010 ¹			
Year	Do not have healthcare coverage	Do not have healthcare provider	Could not see a doctor because of cost
2008	Not available	Not available	Not available
2009	22.4%	23.0%	13.9%
2010	20.8%	28.9%	19.5%

¹Source: Arizona Department of Health Services, Behavioral Risk Factor Surveillance System (BRFSS), Health Status and Health Risk Behaviors of Arizonans, 2008-2010

Table 3.15 Senior Care Facilities (OLD)

Senior Care Facility Availability in Navajo County			
Category	Facility	Total number of beds	Number of available beds
Assisted Living Facilities	Aspen Pond Assisted Living	114 (apartments)*†	63 (apartments)*
	Carriage House on West Garden Lane	30	0
	Webb's Adult Care Home	20	1
Nursing Homes	Tall Pines Care and Rehab, Inc.	100	40
	Winslow Campus of Care	120	24
Home Health Agencies	Summit Healthcare Home Health	179 (patients)	Not applicable
Hospice	Hospice Compassus	7	Not available

* 60 apartments awaiting Arizona State License as of 09/2009.

† One to two persons per apartment. (Phone calls to facilities made September 2009). Hospice data from www.amenityhospice.com, accessed 12/16/09

Table 3.15 Senior Care Facilities, Navajo County, 2012 (NEW)

Senior Care Facilities, Navajo County, 2012 ¹			
Category	Facility	Total beds	Available beds
Assisted Living Facilities	Soltera Senior Living (formerly Aspen Pond)	114 (apartments)	10 assisted living 7 independent living
	Carriage House on West Garden Lane	30	0
	Webb's Adult Care Home	20	3
Nursing Homes	Tall Pines Care & Rehab	72	13
	Winslow Campus of Care	119	23
	Sierra Blanca ²	112	19
Home Health Agency	Summit Healthcare Home Health	151 (patients)	N/A
Hospice	Hospice Compassus	0 ³	N/A

¹Phone calls to all facilities were made November 8, 2012

²Post acute rehab & long-term care facility opened October 2010

³Facility closed and now houses patients in nursing homes listed above

Category 4 – Quality of Life

Table 4.0 Satisfaction with Life (OLD)

Satisfaction With Life: Navajo County, Arizona (2005-2007)												
Years	Very Satisfied		Satisfied		Dissatisfied		Very Dissatisfied		DK/NS		Total	
	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent
2005	33,374	56.1	24,441	41.1	1,355	2.3	125	0.2	227	0.4	59,522	100.0
2006	33,319	47.5	31,219	44.5	3,241	4.6	1,385	2.0	915	1.3	70,080	100.0
2007	34,296	48.2	34,776	48.9	976	1.4	1,082	1.5	Not Available	Not Available	71,130	100.0

BRFSS Reports, 2005-2007

Table 4.0 Life Satisfaction, Navajo County, 2008-2010 (NEW)

Life Satisfaction, Navajo County, 2008-2010 ¹	
Year	Percent Satisfied or Very Satisfied with Life
2008	Not available
2009	96.1%
2010	90.3%

¹Source: Arizona Department of Health Services, Behavioral Risk Factor Surveillance System (BRFSS), Health Status and Health Risk Behaviors of Arizonans, 2008-2010

Table 4.2 (OLD)

Number of Openings in Head Start Facilities for Low Income Families (October – December 2009)		
Facility	Location	Number of Openings
Head Start	Winslow	141
Head Start	Show Low	96
Head Start	Snowflake	38
Head Start	Pinetop-Lakeside	38
AI/AN Head Start, Hopi Tribe	Polacca	0 (Waiting List)
AI/AN Head Start, Hopi Tribe	Hotevilla	0 (Waiting List)
AI/AN Head Start, Hopi Tribe	Second Mesa	0 (Waiting List)
AI/AN Head Start, Hopi Tribe	Kykotsmovi	0 (Waiting List)
AI/AN Head Start, White Mountain Apache	Cibecue	0 (Waiting List)
AI/AN Head Start, White Mountain Apache	Whiteriver	0 (Waiting List)
Navajo Head Start Center	Kayenta	Unknown
Navajo Head Start Center	Winslow	Unknown

The numbers above were collected via phone calls to the facilities in August 2009 and December 2009 (personal communication). * There are 11 separate in-home facilities that take low income clients (<http://www.nacog.org/hs/components.htm>). The list of Head Start locations for native American/Alaska Natives was retrieved from <http://eclkc.ohs.acf.hhs.gov/hslc/HeadStartOffices>

Table 4.2 (NEW)

Number of Openings in Head Start Facilities for Low Income Families (November 2012)		
Facility	Location	Capacity
Head Start	Winslow	161 (has waiting list)
Head Start	Show Low	96
Head Start	Snowflake	38 +11 home-based
Head Start	Pinetop-Lakeside	38 +11 home-based
AI/AN Head Start, Hopi Tribe	Polacca	60
AI/AN Head Start, Hopi Tribe	Hotevilla	20
AI/AN Head Start, Hopi Tribe	Second Mesa	40
AI/AN Head Start, Hopi Tribe	Kykotsmovi	20
AI/AN Head Start, White Mountain Apache	Cibecue	unknown
AI/AN Head Start, White Mountain Apache	Whiteriver	252 (has waiting list)
Navajo Head Start Center	Kayenta	Unknown

Phone calls to facilities were made between November 12-15, 2012.

Table 4.3 (OLD)

Arizona Department of Economic Security (DES) Certified Child Care Facilities & Preschools (October 2009)				
Facility	Location	Total Capacity	Number of Openings	Wait List
Show Low				
Tracy Ison Family Child Care	Show Low	10	2	0
Kidz Town Day Care	Show Low	75	10	11
Ehmke's Child Haven	Show Low	100	50	0
Little Bears Den	Show Low	8	0	0
Dragonfly Preschool	Show Low	46	24	0
Miss Dinah's	Show Low	49	15	0
Tiny Treasures Group	Show Low	10	0	0
Jamie Kulish	Show Low	6	4	0
Judy Watson	Show Low	6	0	0
Patricia Guevara	Show Low	6	1	0
Lakeside				
Discovery Zone Learning	Lakeside	Not available	Not available	Not available
One Step Ahead Preschool	Lakeside	93	45	0
Tender Times Child Care	Lakeside	25	15	0
Whiteriver				
Chagahache Day Care	Whiteriver	100	0	100
Alchesay Beginnings	Whiteriver	102	0	40
Overgaard				
Christine Bonn	Overgaard	6	2	0
Kathryn Forge	Overgarrd	6	4	0
Snowflake				
Andrea Rogers	Snowflake	4	1	0
Carousel Day Care	Snowflake	57	35	0
Holbrook				
Holbrook Educational Day Care	Holbrook	46 (15 on DES)	10	10 (on DES)
Tommy Young	Holbrook	6	0	2
Winslow				
Aruna Kothari	Winslow	6	4	0
Josephine Chavez	Winslow	No info available	--	--
Katherine Echoles	Winslow	4 per shift (2 shifts)	0	0
Angela Thomas	Winslow	6	0	0
Lena Nelson	Winslow	4	2	0
Pooh's Playhouse	Winslow	49: 32 kids on DES & first step	17	0
Mary's Little Lambs	Winslow	26	13	0
Mini's Group Home	Winslow	10	4	0
Melissa Salazur	Winslow	14 (10 kids per shift.(3 shifts)	4	0

Facilities identified through the DES childcare website <https://egov.azdes.gov>. Current DES childcare provider lists were faxed from the Office of Childcare Administration (phone calls made to each facility to obtain data made between October 1 and October 25, 2009)

Table 4.3 (NEW)

Arizona Department of Economic Security (DES) Certified Child Care Facilities & Preschools (November 2012)				
Facility	Location	Total Capacity	Number of Openings	Wait List
Show Low				
Miss Dinah's Place	Show Low	49	Unknown	Unknown
Kidz Town Day Care	Show Low	73	10	Infants/school age
Ehmke's Child Haven	Show Low	100	15	30-40
Little Sprouts Family Child Care	Show Low	4	4	0
Tender Moments	Show Low	25	n/a*	n/a*
Kulish Clubhouse	Show Low	4	0	0
Tiny Treasures Group Home	Show Low	10	0	0
Tracy's Family Child Care Group	Show Low	10	2	0
Carousel Preschool and Daycare	Show Low	57	Unknown	Unknown
Lakeside				
Discovery Zone Learning	Lakeside	59	15	0
Taylor Tots Family Child Care	Lakeside	4	1	0
Whiteriver				
Chagahache Day Care	Whiteriver	110	1	25
Alchesay Beginnings	Whiteriver	102	30	0
Taylor				
Parkside Quality Child Care Group	Taylor	6	0	0
Snowflake				
Andrea Rogers	Snowflake	4	1	0
Carousel Day Care	Snowflake	57	35	0
Holbrook				
Holbrook Educational Day Care	Holbrook	46	15	0
Winslow				
Thomas Family Child Care	Winslow	4	0	3
Kathie's Quality Family Child Care	Winslow	4	3	0
World of Wonder Preschool	Winslow	50	Unknown	unknown
Josie's Family Child Care	Winslow	4	0	0
Pooh's Playhouse	Winslow	49	5	0
Mary's Little Lambs	Winslow	26	5	0
Leapin' Lizards Learnin' Center	Winslow	59	Unknown	Unknown
Darlene's Little Sweethearts Group	Winslow	10	Unknown	Unknown

Facilities identified through the childcare resource & referral center 1-800-308-9000. Current DES childcare provider list was emailed by Linda Lallier, Assistant Coordinator. Phone calls to each center were made the week of November 12-16, 2012.

*Provider closing November 2012

Table 4.4 (OLD)

Percent of Registered Voters, Navajo County, AZ (2004-2009)						
Year	2004	2005	2006	2007	2008	2009
Number of Registered Voters	47,858	55,304	52,974	57,992	52,729	59,951

(Personal communication, Navajo County Recorder, September 23, 2009)

Table 4.4 (NEW)

Number of Active Registered Voters, Navajo County, AZ (2007-2012)						
Year	2007	2008	2009	2010	2011	2012
Number of Registered Voters	57,992	52,729	59,951	57,702	58,604	59,547

(Phone calls to Navajo County Recorder and Elections Department made November 13, 2012)

Category 5 – Behavioral Risk Factors

Table 5.0 (OLD)

Alcohol, Tobacco and other Drug Use (AOTD) Use and Abuse among Youth (2008) <u>Lifetime Use**</u>									
Substance	Arizona			Navajo County			Apache County		
	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12
Tobacco (Cigarettes)	25.9%	39.9%	50.8%	33.5%	49.1%	57.1%	46%	Not available	Not available
Illegal Drugs									
Prescription Drugs	17.1%	25.7%	28.7%	18.4%	26.3%	32.1%	22.3%	Not available	Not available
Marijuana	16.2%	32.5%	43.1%	27%	42.5%	55.7%	44%	Not available	Not available
Inhalants	14.3%	12.6%	9.2%	14%	14%	8%	15.8%	Not available	Not available
Prescription Pain Relievers	12.2%	20.5%	24.6%	13.4%	22.3%	29.4%	19.2%	Not available	Not available
Methamphetamines	1.2%	2.4%	4.0%	1.3%	6.3%	7.7%	2.3%	Not available	Not available
Cocaine	2.7%	6.8%	11.2%	2.5%	9.2%	12.7%	4.9%	Not available	Not available
Alcohol*	47.8%	66.2%	74.8%	45.9%	61.2%	72.9%	40.7%	Not available	Not available

*Alcohol has been categorized as an illegal substance because all survey participants are under the legal drinking age.

**Lifetime use is a measure of the percentage of students who tried the particular substance at least once in their lifetime and is used to show the percentage of students who have has an experience with a particular substance.

Arizona Youth Survey 2008

Table 5.0 (NEW)

Percentage of Arizona Respondents Who Used ATODs During Their Lifetime by Grade, 2010 ¹									
Substance	Arizona			Navajo County			Apache County		
	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12
Cigarettes	23.8%	37.2%	46.9%	24.4%	39.7%	49.3%	39.0%	45.2%	57.5%
Prescription Drugs	16.5%	23.7%	27.3%	13.4%	21.4%	24.7%	19.9%	19.4%	22.6%
Marijuana	17.8%	34.3%	44.7%	17.3%	33.3%	40.4%	28.1%	40.9%	50.5%
Inhalants	14.5%	11.8%	9.4%	10.8%	10.5%	11.6%	13.8%	11.2%	7.5%
Prescription Pain Relievers	11.5%	18.9%	23.1%	10.3%	17.3%	21.8%	15.2%	17.6%	21.2%
Methamphetamines	0.7%	1.6%	2.5%	0.3%	1.5%	3.3%	1.3%	1.8%	3.4%
Cocaine	2.3%	5.3%	8.8%	1.6%	5.7%	8.9%	3.4%	4.4%	8.9%
Alcohol	45.1%	64.1%	72.8%	36.4%	55.9%	64.2%	41.1%	56.3%	65.1%

¹Source: Arizona Youth Survey, 2010

Table 5.1 (OLD)

Alcohol, Tobacco and other Drug Use (AOTD) Use and Abuse among Youth (2008) <u>30-Day Use**</u>									
Substance	Arizona			Navajo County			Apache County		
	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12
Tobacco (Cigarettes)	8.7%	16.6%	23.9%	13.3%	18.9%	23.9%	12.7%	Not available	Not available
Illegal Drugs									
Prescription Drugs	8.6%	12.2%	13.1%	9.6%	12.5%	16.1%	14.0%	Not available	Not available
Marijuana	7.6%	15.1%	18.7%	13.5%	20.5%	23.0%	22.0%	Not available	Not available
Inhalants	5.4%	3.0%	1.6%	4.6%	2.7%	1.5%	4.1%	Not available	Not available
Prescription Pain Relievers	6.0%	9.4%	10.5%	6.5%	10.7%	13.5%	12.5%	Not available	Not available
Methamphetamines	0.4%	0.6%	0.8%	0.4%	1.2%	0.8%	1.1%	Not available	Not available
Cocaine	1.0%	2.2%	3.2%	0.8%	3.4%	4%	1.9%	Not available	Not available
Alcohol*	23.2%	37.7%	46.8%	24.0%	32.3%	39.3%	16.0%	Not available	Not available

*Alcohol has been categorized as an illegal substance because all survey participants are under the legal drinking age.

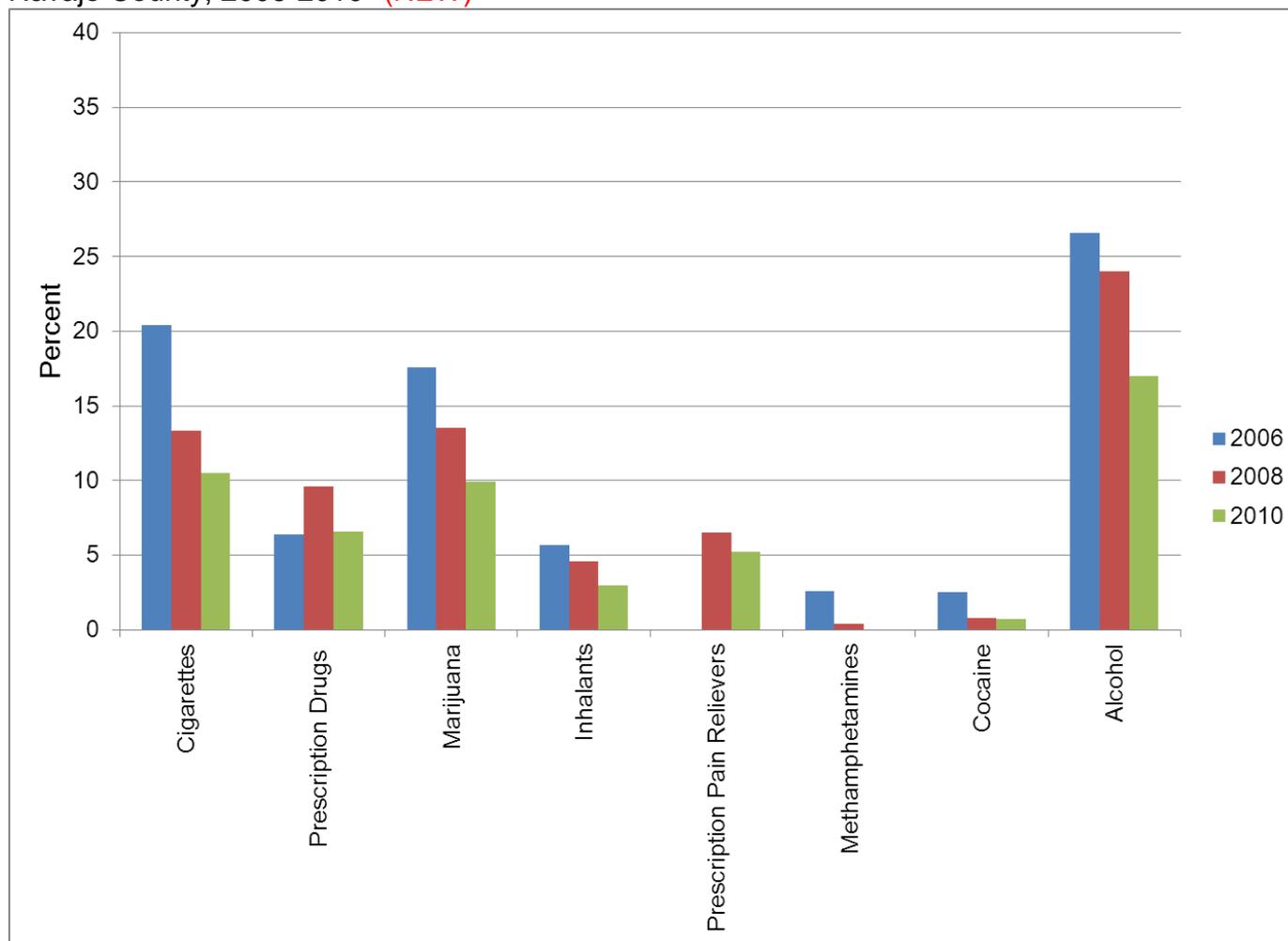
**30-day use is a measure of the percentage of students who used the substance at least once in the 30 days prior to taking the survey. It provides a more sensitive indicator of the level of current use of the substance. Arizona Youth Survey 2008

Table 5.1 (NEW)

Percentage of Arizona Respondents Who Used ATODs During the Past 30 Days by Grade ¹									
Substance	Arizona			Navajo County			Apache County		
	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12
Cigarettes	8.9%	15.6%	22.9%	10.5%	18.0%	24.3%	17.4%	15.4%	27.3%
Prescription Drugs	8.2%	11.8%	12.4%	6.6%	9.3%	12.2%	11.3%	9.4%	8.6%
Marijuana	8.9%	17.4%	21.3%	9.9%	15.4%	17.9%	13.6%	24.0%	26.0%
Inhalants	5.6%	3.0%	1.5%	3.0%	2.8%	2.2%	5.0%	4.2%	1.4%
Prescription Pain Relievers	5.7%	8.9%	9.7%	5.2%	7.8%	10.5%	7.6%	8.4%	8.6%
Methamphetamines	0.2%	0.5%	0.6%	0.0%	1.1%	0.4%	0.8%	0.5%	1.4%
Cocaine	0.8%	1.6%	2.2%	0.7%	2.6%	2.2%	0.8%	1.6%	1.4%
Alcohol	21.9%	34.7%	45.0%	17.0%	30.4%	34.9%	20.4%	29.0%	38.1%

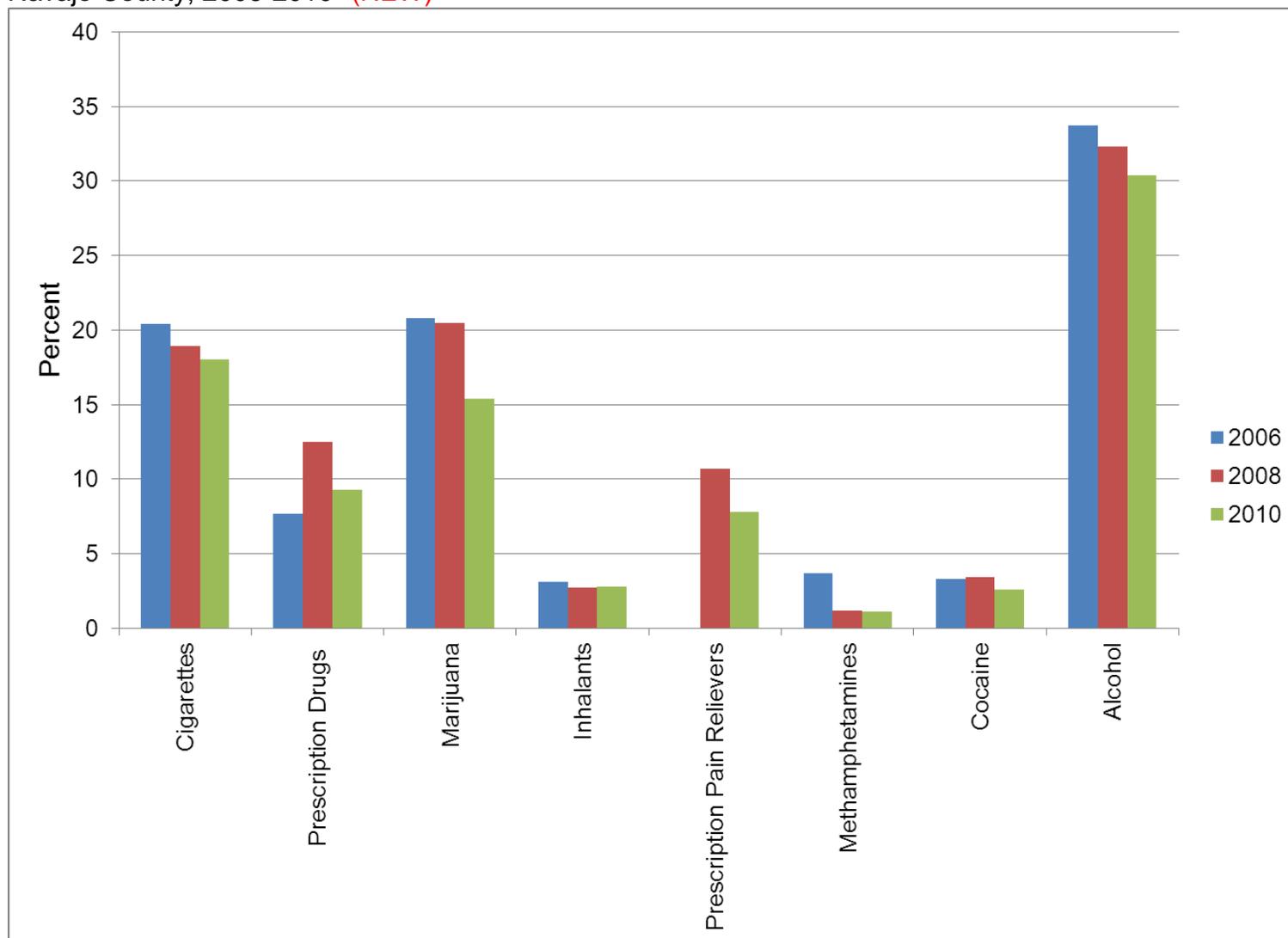
¹Source: Arizona Youth Survey, 2010

Figure 5.2 Percentage of 8th Grade Respondents Who Used ATODs During the Past 30 Days, Navajo County, 2006-2010¹ (NEW)



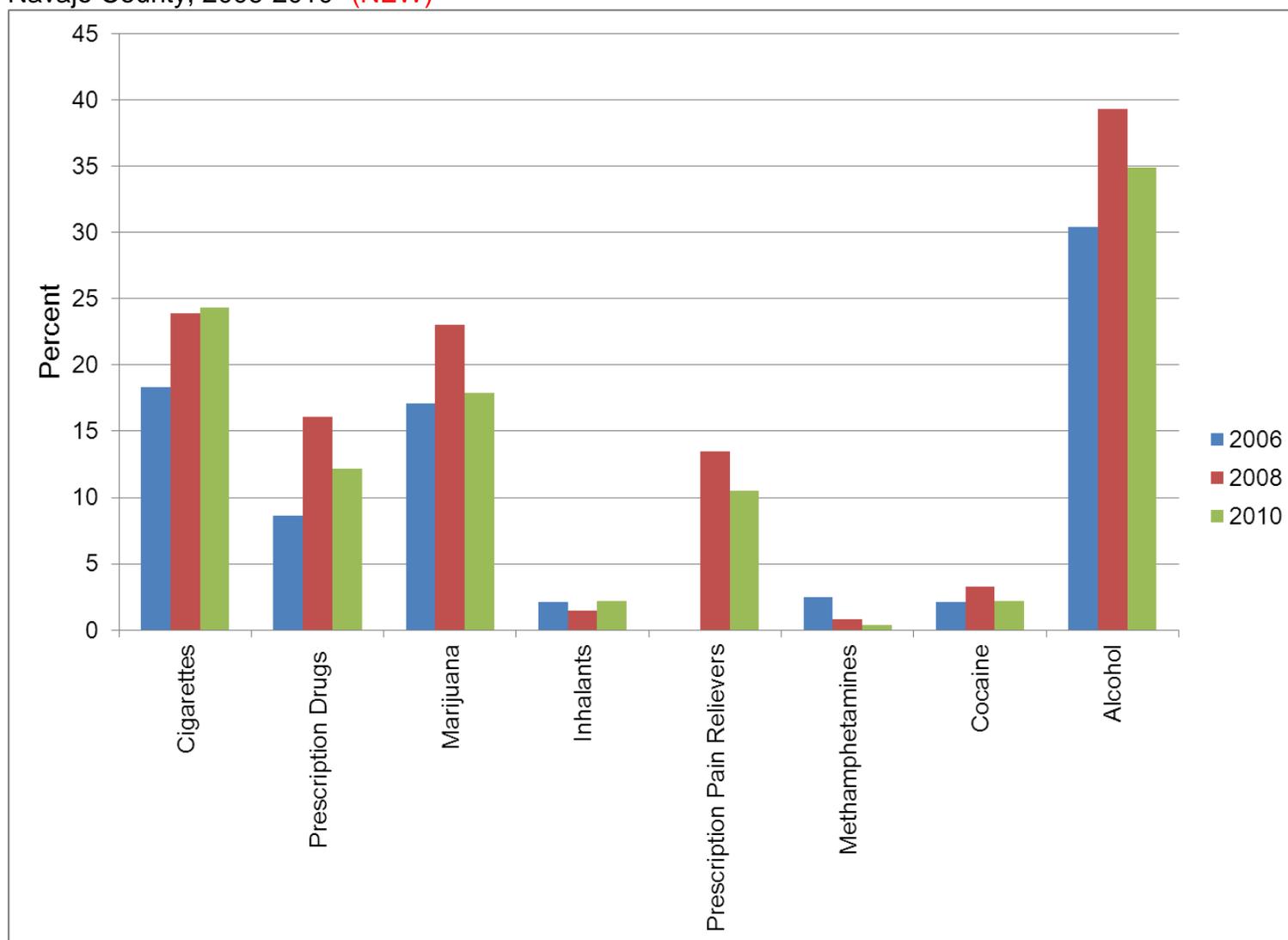
¹Source: Arizona Youth Survey, 2010

Figure 5.3 Percentage of 10th Grade Respondents Who Used ATODs During the Past 30 Days, Navajo County, 2006-2010¹ (NEW)



¹Source: Arizona Youth Survey, 2010

Figure 5.4 Percentage of 12th Grade Respondents Who Used ATODs During the Past 30 Days, Navajo County, 2006-2010¹ (NEW)



¹Source: Arizona Youth Survey, 2010

Table 5.6 (OLD)

Binge Drinking Risk Factors (Navajo County, AZ) 2003-2005								
Year	Not At Risk		At Risk		Don't Know/Not Sure/ Refused		Total	
	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent
2003	57,836	87.9	7,939	12.1	Not Available	Not Available	65,775	100.0
2004	56,078	87.1	7,961	12.4	350	0.5	64,388	100.0
2005	54,344	86.8	7,915	12.6	350	0.6	62,609	100.0

* CDC, BRFSS Navajo County (2003-2005)

Table 5.6 Binge Drinking, Navajo County, 2009-2010 (NEW)

Binge Drinking, Navajo County, 2009-2010 ^{1,2}	
Year	Percent Reporting Binge Drinking
2009	13.7%
2010	8.8%

¹Source: Arizona Department of Health Services, Behavioral Risk Factor Surveillance System (BRFSS), Health Status and Health Risk Behaviors of Arizonans, 2009-2010

²Binge drinking is defined as having five or more drinks on an occasion one or more times in the past month.

Table 5.7 (OLD)

Heavy Drinking Among Men Risk Factor: Navajo County, AZ (2003-2005)								
Year	Not At Risk		At Risk		Don't Know/ Not Sure/ Refused		Total	
	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent
2003	28,709	89.4	2,892	9.0	511	1.6	32,111	100.0
2004	25,448	89.0	2,629	9.2	508	1.8	28,585	100.0
2005	25,807	89.1	3,148	10.9	Not Available	Not Available	28,955	100.0

* CDC, BRFSS Navajo County (2003-2005)

Table 5.8 (OLD)

Heavy Drinking Among Females Risk Factor: Navajo County, AZ (2003-2005)								
Year	Not At Risk		At Risk		Don't Know/ Not Sure/ Refused		Total	
	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent
2003	33,306	98.9	358	1.1	Not Available	Not Available	33,664	100.0
2004	34,321	95.9	1,482	4.1	Not Available	Not Available	35,803	100.0
2005	32,061	95.3	546	1.6	1,047	3.1	33,653	100.0

*CDC, BRFSS Navajo County (2003-2005)

Table 5.7/5.8 Heavy Drinking, Navajo County, 2009-2010 (NEW)

Heavy Drinking, Navajo County, 2009-2010 ^{1,2}	
Year	Percent Reporting Heavy Drinking
2009	5.3%
2010	4.0%

¹Source: Arizona Department of Health Services, Behavioral Risk Factor Surveillance System (BRFSS), Health Status and Health Risk Behaviors of Arizonans, 2008-2010

²Heavy drinking is defined as having more than two drinks per day for adult men, or more than one drink per day for adult for women.

Table 5.10 (OLD)

Youth Trends in Physical Activity (2003, 2005, 2007)			
Behavioral Risk Factors	2003	2005	2007
Met recommended levels of physical activity (physically active total of at least 60 minutes per day on 5 or more days the week before the survey) (National data)	Not available	35.8%	34.7%
Attended physical education classes (on 1 or more days in a week when they were in school) (National Data)	55.7%	54.2%	53.6%
Attended physical education classes daily (5 days a week when in school) (National Data)	28.4%	33.0%	30.3%
* Did not attend physical education classes daily (Arizona data)	Not available	Not available	73.1%

(CDC, National Youth Behavioral Risk Survey (YRBSS) 2003, 2005, 2007)

Table 5.10 Physical Activity, Arizona and the US, 2009 and 2011 (NEW)

Physical Activity, Arizona and the US, 2009 and 2011				
Activity	Arizona		US	
	2009	2011	2009	2011
Physically Active At Least 60 Minutes Per Day On 5 Days or More ²	46.8%	47.4%	Not available	49.5%
Attended Physical Education Classes In An Average Week ³	42.9%	41.7%	43.6%	51.8%
Attended Physical Education Classes 5 Days In An Average Week ⁴	32.6%	29.6%	33.3%	31.5%

¹Source: Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System (YRBSS), High School Youth Risk Behavior Survey

²Doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey.

³On at least one day when they were in school.

⁴When they were in school.

Table 5.11 (OLD)

Risk Factor for Overweight or Obese								
Year	Not At Risk		At Risk		Don't Know/ Not Sure/ Refused		Total	
	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent
2003	19,174	29.2	43,909	66.8	2,692	4.1	65,775	100.0
2004	24,433	37.9	38,891	60.4	1,064	1.7	64,388	100.0
2005	21,203	33.7	38,697	61.8	2,809	4.5	62,609	100.0

Table 5.12 (OLD)

BODY MASS INDEX- THREE LEVELS CATEGORY										
Year	Neither Overweight nor Obese		Overweight		Obese		Don't Know/ Not Sure/ Refused		Total	
	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent	Frequency	Valid Percent
2003	19,173	29.2	26,562	40.4	17,346	26.4	2,692	4.1	65,775	100.0
2004	24,433	37.9	26,461	41.1	12,430	19.3	1,064	1.7	64,388	100.0
2005	21,103	33.7	16,278	26.0	22,419	35.8	2,809	4.5	62,609	100.0

* CDC, BRFSS, Navajo County (2003-2005)

Table 5.11/5.12 Obesity, Navajo County, 2009-2010 (NEW)

Obesity, Navajo County, 2009-2010 ¹	
Year	Percent Who Are Obese ²
2009	31.2%
2010	27.3%

¹Source: Arizona Department of Health Services, Behavioral Risk Factor Surveillance System (BRFSS), Health Status and Health Risk Behaviors of Arizonans, 2009-2010

²Obese is defined as having a body mass index (BMI) ≥30.

Table 5.15 (OLD)

Child Restraint Usage in Arizona, 2004-2008 (Children under five years old)				
Year	Severity of Injury	Percent of Restraint Used	Percent of No Restraint	Percent Unknown
2004	No Injury	89.79%	63.79%	75.92%
	Possible Injury	6.36%	13.87%	9.19%
	Injury	2.92%	19.88%	8.27%
	Fatality	0.03%	0.62%	0.18%
	Unknown	0.90%	1.85%	6.43%
	TOTALS		100.00%	100.00%
2005	No Injury	89.52%	65.40%	58.21%
	Possible Injury	6.35%	10.90%	5.04%
	Injury	2.91%	17.99%	5.91%
	Fatality	0.02%	0.52%	0.14%
	Unknown	1.19%	5.19%	30.69%
	TOTALS		100.00%	100.00%
2006	No Injury	89.82%	66.98%	76.40%
	Possible Injury	6.26%	14.49%	4.84%
	Injury	2.70%	15.68%	6.77%
	Fatality	0.05%	1.66%	0.77%
	Unknown	1.17%	1.19%	11.22%
	TOTALS		100.00%	100.00%
2007	No Injury	89.93%	68.12%	74.12%
	Unknown Injury	1.13%	0.51%	9.43%
	Possible Injury	6.31%	11.83%	11.40%
	Non-Incapacitating Injury	2.20%	11.57%	4.17%
	Incapacitating Injury	0.35%	6.94%	0.44%
	Fatal Injury	0.08%	1.03%	0.44%
	TOTALS		100.00%	100.00%
2008	No Injury	89.62%	72.11%	75.39%
	Unknown Injury	1.30%	2.04%	11.63%
	Possible Injury	6.54%	11.56%	7.83%
	Non-Incapacitating Injury	2.08%	11.22%	3.80%
	Incapacitating Injury	0.44%	2.38%	0.89%
	Fatal Injury	0.03%	0.68%	0.45%
	TOTALS		100.00%	100.00%

Information Source from: Arizona Department of Transportation, Motor Vehicle Crash Facts (2004-2008). [<http://www.azdot.gov/mvd/Statistics/crash/index.asp>]

Table 5.15 Motor Vehicle Accidents and Child Safety Device Usage, Arizona, 2009-2011 (NEW)

Motor Vehicle Accidents and Child Safety Device Usage, Arizona, 2009-2011¹				
Year	Severity of Injury	Percent of Safety Device Used	Percent of Safety Device Not Used	Percent of Unknown
2009	No Injury	89.89%	68.03%	66.59%
	Unknown Injury	0.77%	1.88%	6.82%
	Possible Injury	6.49%	10.66%	8.86%
	Non-Incapacitating Injury	2.46%	13.17%	9.77%
	Incapacitating Injury	0.32%	5.64%	5.91%
	Fatal Injury	0.07%	0.63%	2.05%
	TOTALS	100.00%	100.00%	100.00%
2010	No Injury	89.72%	61.92%	49.44%
	Unknown Injury	1.42%	1.92%	30.70%
	Possible Injury	6.39%	11.15%	9.03%
	Non-Incapacitating Injury	2.00%	15.77%	6.09%
	Incapacitating Injury	0.41%	7.69%	3.84%
	Fatal Injury	0.05%	1.54%	0.90%
	TOTALS	100.00%	100.00%	100.00%
2011	No Injury	89.35%	61.04%	66.34%
	Unknown Injury	1.60%	4.76%	13.81%
	Possible Injury	6.33%	15.58%	8.17%
	Non-Incapacitating Injury	2.21%	12.55%	7.00%
	Incapacitating Injury	0.48%	4.76%	3.31%
	Fatal Injury	0.03%	1.30%	1.36%
	TOTALS	100.00%	100.00%	100.00%

¹Source: Arizona Department of Transportation, Arizona Motor Vehicle Crash Facts, 2009-2011

Table 5.16 (OLD)

Driver Restraint Usage in Arizona, 2004-2008				
Year	Severity of Injury	Percent of Restraint Used	Percent of No Restraint	Percent Unknown
2004	No Injury	81.47%	50.93%	36.57%
	Possible Injury	10.72%	12.04%	5.60%
	Injury	6.82%	30.96%	8.03%
	Fatality	0.10%	3.35%	0.35%
	Unknown	0.89%	2.72%	49.45%
	TOTALS		100.00%	100.00%
2005	No Injury	82.20%	49.60%	34.98%
	Possible Injury	10.02%	11.67%	5.31%
	Injury	6.62%	29.81%	7.63%
	Fatality	0.10%	3.22%	0.40%
	Unknown	1.06%	5.70%	51.69%
	TOTALS		100.00%	100.00%
2006	No Injury	82.61%	47.32%	34.83%
	Possible Injury	10.00%	12.11%	5.33%
	Injury	6.19%	28.99%	7.00%
	Fatality	0.11%	3.90%	0.32%
	Unknown	1.09%	7.69%	52.53%
	TOTALS		100.00%	100.00%
2007	No Injury	82.99%	48.05%	36.38%
	Unknown Injury	1.09%	7.35%	51.68%
	Possible Injury	9.70%	11.53%	4.96%
	Non-Incapacitating Injury	5.07%	19.23%	4.84%
	Incapacitating Injury	1.06%	10.24%	1.90%
	Fatal Injury	0.10%	3.61%	0.24%
	TOTALS		100.00%	100.00%
2008	No Injury	83.05%	49.19%	39.74%
	Unknown Injury	1.14%	6.32%	47.81%
	Possible Injury	9.53%	11.65%	5.43%
	Non-Incapacitating Injury	5.14%	19.33%	4.79%
	Incapacitating Injury	1.04%	10.14%	1.94%
	Fatal Injury	0.11%	3.37%	0.29%
	TOTALS		100.00%	100.00%

Information Source From: Arizona Department of Transportation, Motor Vehicle Crash Facts (2004-2008). [<http://www.azdot.gov/mvd/Statistics/crash/index.asp>]

Table 5.16 Motor Vehicle Accidents and Driver Safety Device Usage, Arizona, 2009-2011 (NEW)

Motor Vehicle Accidents and Driver Safety Device Usage, Arizona, 2009-2011¹				
Year	Severity of Injury	Percent of Safety Device Used	Percent of Safety Device Not Used	Percent of Unknown
2009	No Injury	83.07%	46.16%	52.20%
	Unknown Injury	0.37%	2.19%	37.30%
	Possible Injury	9.99%	12.64%	4.32%
	Non-Incapacitating Injury	5.35%	22.61%	4.19%
	Incapacitating Injury	1.11%	12.41%	1.68%
	Fatal Injury	0.09%	3.98%	0.32%
	TOTALS	100.00%	100.00%	100.00%
2010	No Injury	82.61%	43.48%	50.59%
	Unknown Injury	0.92%	2.14%	37.77%
	Possible Injury	10.01%	13.08%	4.64%
	Non-Incapacitating Injury	5.33%	24.14%	4.74%
	Incapacitating Injury	1.07%	13.01%	1.87%
	Fatal Injury	0.08%	4.15%	0.41%
	TOTALS	100.00%	100.00%	100.00%
2011	No Injury	81.70%	36.62%	45.25%
	Unknown Injury	1.35%	2.04%	43.02%
	Possible Injury	10.08%	14.87%	4.81%
	Non-Incapacitating Injury	5.63%	28.12%	4.82%
	Incapacitating Injury	1.13%	13.28%	1.75%
	Fatal Injury	0.10%	5.07%	0.36%
	TOTALS	100.00%	100.00%	100.00%

¹Source: Arizona Department of Transportation, Arizona Motor Vehicle Crash Facts, 2009-2011

Category 6 – Environmental Health Indicators

Table 6.0 (OLD)

Number of Food-borne Illness Complaints in Navajo County (2004-2008)	
Year	Number of Food-borne Illness Complaints
2004	Not reported
2005	0
2006	34
2007	5
2008	3

Data from Food Safety and Environmental Services, Bureau of Epidemiology and Disease Control, Office of Environmental Health (2004-2008)

Table 6.0 (NEW)

Number of Food-borne Illness Complaints in Navajo County (2009-2011)	
Year	Number of Food-borne Illness Complaints
2009	5
2010	10
2011	15

Data from 11-13-2012 personal communication with Acting Operations Chief, Bureau of Epidemiology and Disease Control, Arizona Department of Health Services

Fluoridated Water

Table 6.2 (OLD)

Water Fluoridation Statistics (2002, 2004, 2006)					
Year	Region	Percent of US Population*** Receiving Fluoridated Water	Persons receiving fluoridated water	Persons served by Community Water Systems (CWS)	National Rank
2002	United States	67.4*	172,209,735	255,443,289	-
	Arizona	55.4	2,737,028	4,944,156	38
2004	United States	68.7	180,632,481	262,690,043	-
	Arizona**	55.8	2,890,016	5,183,216	38
2006	United States	69.2	184,028,038	265,794,252	-
	Arizona**	56.1	3,147,245	5,611,581	38

Department of Health and Human Services. Centers for Disease Control and Prevention-Community Water Fluoridation

* Estimate has changed from that previously reported due to new methodology or correction of a rounding error.

** Changed over time are due in part to improvements in WFRS data for CWS with naturally occurring fluoride concentrations.

*** Percent of US Population on Public Water Systems

Table 6.2 Water Fluoridation, Arizona and the U.S., 2010 (NEW)

Water Fluoridation, Arizona and the U.S., 2010 ¹					
Year	Location	% receiving fluoridated water	Persons receiving fluoridated water	Persons served by CWS ²	Rank
2010	United States	73.9%	204,283,554	276,607,387	---
	Arizona	56.7%	3,114,799	5,493,584	38

¹Source: Centers for Disease Control and Prevention, 2010 Water Fluoridation Statistics

²CWS: Community Water System

Table 6.4 (OLD)

Numbers of Occupational Injuries and Illnesses in All Industries in Arizona (Including State and Local Government) (2004, 2005, 2006, 2007)			
Year	Average Annual Employment (in thousands)	Total Recordable Cases (in thousands)	Cases with Days away from Work, Job, Transfer, or Restriction
2004	2,295.1	87.1	41.8
2005	2,389.9	97.0	47.3
2006	2,521.1	99.4	49.6
2007	2,580.9	4.6	2.2

Includes all industries except farms with less than 11 employees
 Bureau of Labor Statistics, Injuries, Illnesses and Fatalities, www.bls.gov, (2004-2007)

Table 6.4 Occupational injuries and illnesses, Arizona, 2003-2011 (NEW)

Occupational injuries and illnesses, Arizona, 2003-2011			
Year	Average Annual Employment (thousands)¹	Total recordable cases (thousands)²	Cases involving days away from work, job restriction, or transfer (thousands)²
2003	2298.0	85.7	42.6
2004	2383.0	87.1	41.8
2005	2510.7	97.0	47.3
2006	2637.0	99.4	49.6
2007	2676.8	101.8	49.8
2008	2619.5	84.0	40.2
2009	2429.2	75.2	35.9
2010	2382.0	66.4	32.7
2011	2405.5	67.9	31.6

¹Source: U.S. Bureau of Labor Statistics, Employment, Hours, and Earnings - State and Metro Area (Total Nonfarm Employment, Not Seasonally Adjusted)

²Source: U.S. Bureau of Labor Statistics, Occupational Injuries and Illnesses: Industry Data (All ownerships, All workers)

Table 6.5 (OLD)

Fatal Occupational Injuries and Demographic Characteristics, Arizona (2004-2008)					
Selected Characteristics	Years				
	2004	2005	2006	2007	2008*
Total	84	99	112	97	86
Employee Status					
Wage and Salary	78	94	106	90	78
Self Employed	6	5	6	7	8
Sex					
Men	77	93	98	84	81
Women	7	6	14	13	5
Age					
Under 16	0	0	0	0	0
16-17	0	0	0	0	0
18-19	0	3	3	0	0
20-24	5	6	10	10	5
25-34	24	18	21	15	16
35-44	17	25	27	24	25
45-54	16	27	31	25	20
55-64	15	13	11	12	13
65 and older	5	4	9	9	7
Race or Ethnic Origin					
White, non-Hispanic	53	50	57	62	52
Black or African American, non-Hispanic	0	4	0	5	0
Hispanic or Latino	25	36	36	26	27
American Indian or Alaskan Native	0	7	6	0	0
Asian	0	0	0	0	0
Native Hawaiian	0	0	0	0	0
Multiple races	0	0	9	0	0

* 2008 data are preliminary numbers

Bureau of Labor Statistics, Fatal Occupational Injuries by Demographic Characteristic, Arizona, www.bls.gov, (2004-2008)

Table 6.5 Census of Fatal Occupational Injuries, Arizona, 2011 (NEW)

Census of Fatal Occupational Injuries, Arizona, 2011¹	
Total	65
Worker status	
Wage and salary	58
Self-employed	7
Gender	
Female	6
Male	59
Age Group (years)	
18-19	1
20-24	5
25-34	12
35-44	6
45-54	16
55-64	18
65 & over	7
Race	
White, non-Hispanic	36
Black or African-American, non-Hispanic	5
Hispanic or Latino	19
American Indian or Alaska Native, non-Hispanic	3

¹Source: U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries (Preliminary)

Table 6.6 (OLD)

Lab Confirmed Rabies Positive Animals (2005-2009)					
Year	County/State	Infected Animals	Total	Submitted	Tested
2005	Navajo County	0	0	10	9
	Arizona	Bat (84), Skunk (67), Fox (12), Other	169	2551	2481
2006	Navajo County	Bat (2)	2	23	22
	Arizona	Bat (96), Skunk (16), Fox (22), Other	140	2594	2499
2007	Navajo County	Bat (1)	1	30	30
	Arizona	Bat (115), Skunk (13), Fox (24), Other	159	2534	2476
2008	Navajo County	0	0	14	14
	Arizona	Bat (89), Skunk (51), Fox (21), Other (15)	176	2758	2688
2009 01/01/2009 to 10/26/2009	Navajo County	Not Available	Not Available	Not Available	Not Available
	Arizona	Bat (61), Skunk (94), Fox (45), Other (12)	221	Not Available	Not Available

Arizona Department of Health: Rabies in Arizona. Vector Bourne and Zoonotic Disease, accessed 10/28/09 <http://www.azdhs.gov/phs/oids/vector/rabies/stats.htm>

Table 6.6 Lab Confirmed Rabies Positive Animals, Arizona and Navajo County, 2010-2012 (NEW)

Lab Confirmed Rabies Positive Animals, Arizona and Navajo County, 2010-2012 ¹										
Year	Location	Bat	Skunk	Fox	Bobcat	Javelina	Coati	Ringtail	Mountain Lion	Total
	Arizona	36	66	5	4	2	1	NR	NR	114
2011	Navajo County	1	0	0	0	0	0	NR	NR	1
	Arizona	47	13	7	1	2	0	NR	NR	70
2012 ²	Navajo County	0	0	0	0	0	0	0	0	0
	Arizona	40	11	1	0	0	0	1	1	54

¹Source: Arizona Department of Health Services

²Data are for the period from 1/1/2012 through 11/8/2012

³NR: Not Reported

Category 7 – Social and Mental Health

Homicide Rate

Table 7.2 (OLD)

Homicide Rate (2005-2008)				
Year	Arizona		Navajo County	
	Male	Female	Male	Female
2005	425	78	8	2
2006	430	95	11	2
2007	381	103	13	1
2008	364	84	6	2

Advanced Vital Statistics by County of Residence (2005-2008)
Actual number of homicides

Table 7.2 Homicides by Gender, Arizona and Navajo County, 2009-2010 (NEW)

Homicides by Gender, Arizona and Navajo County, 2009-2010 ¹				
Year	Arizona		Navajo County	
	Male	Female	Male	Female
2009	267	93	4	4
2010	330	74	14	2

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Suicide Rate

Table 7.3 (OLD)

Suicide Rate (2005-2008)				
Year	Arizona		Navajo County	
	Male	Female	Male	Female
2005	723	192	18	6
2006	743	205	23	5
2007	773	213	16	2
2008	693	183	11	3

Advanced Vital Statistics by County of Residence (2005-2008)

Table 7.3 Suicides by Gender, Arizona and Navajo County, 2009-2010 (NEW)

Suicides by Gender, Arizona and Navajo County, 2009-2010¹				
Year	Arizona		Navajo County	
	Male	Female	Male	Female
2009	792	268	19	4
2010	846	224	25	8

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Table 7.4 (OLD)

Persons Injured in Motor Vehicle Crashes in Arizona (2005-2008)												
Age of Victim	Year											
	2005			2006			2007			2008		
	Male	Female	Total									
0-4	797	765	1,564	743	687	1,432	686	726	1,412	604	589	1,193
05-09	1,014	960	1,947	891	947	1,840	874	918	1,792	705	735	1,441
10-14	1,216	1,314	2,531	1,148	1,211	2,366	1,102	1,117	2,222	954	922	1,876
15-19	4,378	4,961	9,342	4,346	4,853	9,204	3,987	4,526	8,514	3,271	3,792	7,065
20-24	5,031	4,857	9,896	4,864	4,768	9,620	4,652	4,405	9,058	3,638	3,780	7,418
25-34	6,809	6,707	13,524	6,327	6,415	12,757	6,029	6,278	12,309	5,007	5,339	10,346
35-44	5,191	5,491	10,687	5,173	5,447	10,626	4,858	5,125	9,984	4,045	4,339	8,384
45-54	4,192	4,592	8,797	4,178	4,571	8,753	4,089	4,649	8,739	3,567	4,001	7,568
55-64	2,608	3,077	5,687	2,608	3,151	5,764	2,649	3,089	5,738	2,438	2,809	5,247
65-74	1,267	1,580	2,848	1,256	1,502	2,760	1,259	1,461	2,720	1,218	1,380	2,598
75 +	1,334	1,445	2,809	916	1,230	2,149	891	1,132	2,023	828	1,003	1,831
Other	267	343	634	685	534	1,303	616	528	1,194	492	488	1,042
Total	23,104	36,092	70,293	33,117	35,316	68,574	31,692	33,954	65,705	26,767	29,177	56,009

Actual number of Suicides Arizona Motor Vehicle Crash Facts (2005-2008)

* Male and female numbers do not equal the total number provided as there were causes listed in the original data set where the victim's sex was unknown.

Table 7.4 Persons Injured in Motor Vehicle Crashes, Arizona, 2009-2011 (NEW)

Persons Injured in Motor Vehicle Crashes, Arizona, 2009-2011									
Age	Year								
	2009			2010			2011		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4	564	565	1,129	527	485	1,012	454	476	930
5-9	666	623	1,289	621	642	1,263	580	593	1,173
10-14	846	829	1,675	779	827	1,606	715	745	1,460
15-19	2,813	3,232	6,045	2,597	3,055	5,652	2,492	2,895	5,387
20-24	3,262	3,507	6,769	3,175	3,474	6,649	3,171	3,375	6,546
25-34	4,448	4,923	9,371	4,391	4,868	9,259	4,496	4,869	9,365
35-44	3,666	3,829	7,495	3,499	3,872	7,371	3,549	3,911	7,460
45-54	3,341	3,758	7,099	3,326	3,635	6,961	3,409	3,563	6,972
55-64	2,227	2,552	4,779	2,388	2,706	5,094	2,379	2,657	5,036
65-74	1,187	1,355	2,542	1,239	1,416	2,655	1,217	1,408	2,625
75 & older	785	926	1,711	774	926	1,700	767	945	1,712
Unknown	296	275	706	362	386	888	374	397	884
Total	24,101	26,374	50,610	23,678	26,292	50,110	23,603	25,834	49,550

¹Source: Arizona Department of Transportation, Arizona Motor Vehicle Crash Facts, 2009-2011

Table 7.5 (OLD)

Motor Vehicle Deaths (2005-2008)								
Motor Vehicle Accidents Resulting in Death	Year							
	2005		2006		2007		2008	
	Arizona	Navajo County						
	1,137	54	1,220	50	1,035	60	874	43

Advanced Vital Statistics by County of Residence (2005-2008)

Table 7.5 Deaths by Motor Vehicle Accident, Arizona and Navajo County, 2009-2010 (NEW)

Deaths by Motor Vehicle Accident, Arizona and Navajo County, 2009-2010 ¹			
2009		2010	
Arizona	Navajo County	Arizona	Navajo County
771	41	711	34

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Drug Related Mortality Rate

Table 7.6 (OLD)

Drug and Alcohol Related Mortality Rate (2005-2008)																
Cause of Death	2005				2006				2007				2008			
	Navajo County		Arizona		Navajo County		Arizona		Navajo County		Arizona		Navajo County		Arizona	
	Male	Female	Male	Female												
Drug Induced Deaths	3	4	492	307	8	7	568	335	8	7	590	350	2	7	321	202
Alcohol Induced Deaths	18	12	481	174	26	13	462	175	19	11	523	189	20	8	514	203

Advanced Vital Statistics, Arizona (2005-2008)

Table 7.6 Drug and Alcohol-Induced Deaths, Arizona and Navajo County, 2009-2010 (NEW)

Drug and Alcohol-Induced Deaths, Arizona and Navajo County, 2009-2010 ¹								
	2009				2010			
	Navajo County		Arizona		Navajo County		Arizona	
	Male	Female	Male	Female	Male	Female	Male	Female
Drug-Induced Deaths	11	8	656	437	11	6	638	468
Alcohol-Induced Deaths	17	19	563	232	36	13	682	270

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Category 8 – Maternal and Child Health

Table 8.0 (OLD)

Infant Mortality (2005-2008)								
Infant Deaths	Years							
	2005		2006		2007		2008	
	Arizona	Navajo County						
Infant Deaths	653	17	642	9	701	22	625	17
Infant Mortality Rate Per 1,000 Births	8.9	6.8	6.3	4.8	6.8	10.9	6.3	8.7

Advanced Vital Statistics by County of Residence (2005-2008)

Table 8.0 Infant Mortality, Arizona and Navajo County, 2009-2011 (NEW)

Infant Mortality, Arizona and Navajo County, 2009-2011				
	2009		2010	
	Arizona	Navajo County	Arizona	Navajo County
Infant Deaths ¹	547	9	519	9
Infant Mortality Rate ^{2,3}	5.9	4.8	6.0	5.2

¹Source: Arizona Department of Health Services, INFANT MORTALITY BY COUNTY OF RESIDENCE, ARIZONA, 2000-2010

²Source: Arizona Department of Health Services, INFANT MORTALITY RATES BY COUNTY OF RESIDENCE, ARIZONA AND UNITED STATES, 2000-2010

³The number of infant deaths per 1,000 live births

Table 8.1 (OLD)

Women Receiving Inadequate Prenatal Care (2004-2007)								
Inadequate Care (Percent)	Years							
	2004		2005		2006		2007	
	Arizona	Navajo County						
	7.4%	12.0%	6.5%	10.9%	6.4%	11.2%	6.0%	12.4%

Kids Count, Data Center- Arizona

Inadequate care refers to women reporting 0-4 visits to a prenatal care provider during pregnancy

Table 8.1 Pregnant women receiving inadequate prenatal care, Arizona and Navajo County, 2009-2010 (NEW)

Percent of Pregnant women receiving inadequate prenatal care, Arizona and Navajo County, 2009-2010 ^{1,2}			
2009		2010	
Arizona	Navajo County	Arizona	Navajo County
5.3%	10.1%	4.9%	11.0%

¹Source: Arizona Department of Health Services, BIRTHS BY NUMBER OF PRENATAL VISITS AND COUNTY OF RESIDENCE, ARIZONA, 2009-2010

²Data represent women reporting 0 to 4 visits to a prenatal care provider during pregnancy in the calendar year.

Births to Adolescents

Table 8.2 (OLD)

Births to Adolescents (2005-2008)					
		Pregnancies to Females 19 and Younger		Births to Females 19 and Younger	
Years	Number/Rate	Arizona	Navajo County	Arizona	Navajo County
2005	Number	13,898	356	11,933	343
	Rate	32.7%	33.1%	28.1%	31.9%
2006	Number	14,918	325	12,916	311
	Rate	34.1%	30.0%	29.6%	28.7%
2007	Number	15,038	355	12,972	341
	Rate	34.4%	33.7%	29.7%	32.3%
2008	Number	14,047	381	12,161	364
	Rate	31.6%	36.3%	27.4%	34.7%

Advanced Vital Statistics by County of Residence (2005-2008)
 Pregnancies are determined by the sum of live births, fetal deaths, and abortions. Rate is per 1,000 females 19 or younger

Table 8.2 Pregnancies and Births, Females 19 or Younger, Arizona and Navajo County, 2009-2010 (NEW)

Pregnancies and Births, Females 19 or Younger, Arizona and Navajo County, 2009-2010					
Year	Number/Rate³	Pregnancies¹		Births²	
		Arizona	Navajo County	Arizona	Navajo County
2009	Number	12,537	350	10,952	343
	Rate	28.0	33.2	24.4	32.5
2010	Number	10,980	289	9,416	274
	Rate	24.7	32.8	21.2	31.1

¹Source: Arizona Department of Health Services, PREGNANCIES AND PREGNANCY RATES, FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2009-2010

²Source: Arizona Department of Health Services, BIRTHS AND BIRTH RATES, FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2009-2010

³The number of pregnancies (live births + abortions + fetal deaths) or live births per 1,000 females in specified age group.

Adolescent Pregnancy Rate

Table 8.3 (OLD)

Adolescent Pregnancy Rate: Mother's Age Group, Race/Ethnicity (2005-2008)															
Years	Age Group	White non-Hispanic		Hispanic or Latino		Black or African American		American Indian or Alaskan Native		Asian or Pacific Islander		Other/Unknown		Total	
		Arizona	Navajo County	Arizona	Navajo County	Arizona	Navajo County	Arizona	Navajo County	Arizona	Navajo County	Arizona	Navajo County	Arizona	Navajo County
2005	<15	17	1	137	3	8	0	21	2	1	0	1	0	185	6
	15-17	711	18	2,721	11	199	1	478	91	28	0	42	0	4,179	121
	18-19	2,016	47	4,330	22	362	0	705	144	67	2	89	1	7,569	216
2006	<15	19	1	123	0	7	0	19	2	1	0	1	0	170	3
	15-17	852	22	2,923	15	187	0	403	82	28	0	30	1	4,450	120
	18-19	2,338	45	4,692	16	407	1	767	124	63	1	29	1	8,296	188
2007	<15	26	0	115	0	12	0	26	2	0	0	1	0	180	2
	15-17	779	19	2,892	8	195	2	445	88	31	0	19	0	4,361	117
	18-19	2,295	50	4,775	26	414	0	814	143	72	0	61	3	8,431	222
2008	<15	15	0	111	0	12	0	22	7	1	0	0	0	161	7
	15-17	769	18	2,724	9	203	1	408	90	26	0	21	1	4,151	119
	18-19	2,209	64	4,333	25	441	1	755	146	86	2	25	0	7,849	238

Advanced Vital Statistics by County of Residence (2005-2008)

Table 8.3 Pregnancies, Females 19 or Younger, by Age Group and Race/Ethnicity, Arizona and Navajo County, 2009-2010 (NEW)

Pregnancies, Females 19 or Younger, by Age Group and Race/Ethnicity, Arizona, 2009-2010^{1,2}															
Year	Age	White non Hispanic		Hispanic or Latino		Black or African American		American Indian or Alaska Native		Asian or Pacific Islander		Other or unknown		All groups	
		Arizona		Arizona		Arizona		Arizona		Arizona		Arizona		Arizona	Navajo County
2009	<15	31		95		9		17		3		1		156	6
	15-17	863		2,401		212		419		27		23		3,945	103
	18-19	2,560		4,400		501		793		99		83		8,436	241
2010	<15	29		85		11		16		1		9		150	5
	15-17	743		2,022		178		345		28		58		3,363	85
	18-19	2,316		3,812		446		664		88		141		7,467	199

¹Source: Arizona Department of Health Services, NUMBER OF PREGNANCIES BY PREGNANCY OUTCOME, AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2009-2010

²Source: Arizona Department of Health Services, PREGNANCIES BY PREGNANCY OUTCOME, AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2009-2010

Prenatal Care

Table 8.4 (OLD)

Prenatal Care Navajo County (2005-2008)								
Year	Ethnicity/Race							
	Care	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Other or Unknown	Total
2005	No care	336	1,530	88	187	29	78	2,248
	1 st Trimester	34,784	29,279	2,642	4,271	2,421	1,056	74,453
	2 nd Trimester	3,782	9,111	595	1,403	299	211	15,401
	3 rd Trimester	728	2,208	117	418	54	81	3,606
	Unknown	27	28	8	14	2	11	90
2006	No care	398	1,611	88	223	38	43	2,401
	1 st Trimester	37,384	31,457	2,992	4,196	2,701	569	79,299
	2 nd Trimester	4,357	9,481	673	1,489	323	144	16,467
	3 rd Trimester	850	2,287	108	445	67	40	3,797
	Unknown	24	26	3	11	7	7	78
2007	No care	386	1,445	114	206	52	45	2,248
	1 st Trimester	36,512	32,257	3,200	4,225	2,952	537	79,683
	2 nd Trimester	4,429	9,751	693	1,534	337	120	16,864
	3 rd Trimester	872	2,238	156	426	70	47	3,809
	Unknown	17	40	2	17	1	6	83
2008	No care	303	1,080	90	199	45	38	1,755
	1 st Trimester	36,619	31,301	3,336	4,141	2,958	383	78,738
	2 nd Trimester	4,142	8,316	705	1,520	317	94	15,084
	3 rd Trimester	814	1,912	161	495	105	44	3,531
	Unknown	47	30	9	17	0	4	107

Advanced Vital Statistics by County of Residence, Arizona (2005-2008)

Table 8.4 Births by Trimester of Pregnancy Prenatal Care Began, Arizona and Navajo County, 2009-2010 (NEW)

Births by Trimester of Pregnancy Prenatal Care Began, Arizona and Navajo County, 2009-2010 ¹								
Trimester of Pregnancy Prenatal Care Began	2009				2010			
	Arizona		Navajo County		Arizona		Navajo County	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Care	1,702	1.8	29	1.5	1,382	1.6	35	2.0
1st trimester	74,331	80.3	1,245	65.8	71,331	81.9	1,180	67.9
2nd trimester	13,298	14.4	479	25.3	11,377	13.1	402	23.1
3rd trimester	3,133	3.4	129	6.8	2,812	3.2	116	6.7
Unknown	152	0.2	11	0.6	151	0.2	4	0.2

¹Source: Arizona Department of Health Services, BIRTHS BY TRIMESTER OF PREGNANCY PRENATAL CARE BEGAN AND MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2009-2010

Low Birth Weight

Table 8.5 (OLD)

Low Birth Weight (LBW) Births in Navajo County and Arizona (2004-2008)			
Year	Number/Rate	Navajo County	Arizona
2004	Low Birth Weight Births (number)	150	6,704
	Low Birth Weight Births per 100 Births (rate)	8.4	7.2
2005	Low Birth Weight Births (number)	149	6,640
	Low Birth Weight Births per 100 Births (rate)	7.8	6.9
2006	Low Birth Weight Births (number)	152	7,266
	Low Birth Weight Births per 100 Births (rate)	8.1	7.1
2007	Low Birth Weight Births (number)	152	7,285
	Low Birth Weight Births per 100 Births (rate)	7.6	7.1
2008	Low Birth Weight Births (number)	160	7,062
	Low Birth Weight Births per 100 Births (rate)	8.2	7.1

Data Source: Advance Vital Statistics by County of Residence, Arizona Department of Health Services, 2004-2008. 11/6/09

Table 8.5 Low-birthweight births, Arizona and Navajo County, 2009-2010 (NEW)

Low-birthweight births, Arizona and Navajo County, 2009-2010 ^{1,2}			
Year	Number/Percent	Navajo County	Arizona
2009	Low-birthweight births	148	6,573
	Low-birthweight births per 100 live births	7.82	7.10
2010	Low birth weight births	154	6,155
	Low birth weight births per 100 live births	8.87	7.07

¹Source: Arizona Department of Health Services, LOW-BIRTHWEIGHT BIRTHS BY COUNTY OF RESIDENCE, ARIZONA, 2000-2010

²Source: Arizona Department of Health Services, LOW-BIRTHWEIGHT BIRTH RATIOS IN THE UNITED STATES AND IN URBAN AND RURAL COUNTIES OF ARIZONA, 2000-2010

Payee for Births

Table 8.6 (OLD)

These data report the numbers for Arizona, not Navajo County. The table appeared to be labeled incorrectly in the original report.

Payee for Births by Ethnicity/Race (Navajo County, 2005-2008)							
Payee	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Other or Unknown	Total (Payee)
2005							
AHCCCS	11,978	31,224	2,207	3,510	686	802	50,407
HIS	16	28	5	1,632	5	17	1,703
Private insurance	26,049	9,321	1,161	811	2,008	545	39,895
Self	1,062	1,310	61	82	90	51	2,656
Unknown	552	273	16	258	16	22	1,137
Total (Ethnicity/Race)	39,657	42,156	3,450	6,293	2,805	1,437	95,798
2006							
AHCCCS	13,292	32,808	2,379	3,528	705	408	53,121
HIS	20	32	8	1,717	3	8	1,788
Private insurance	27,993	10,208	1,382	905	2,313	327	43,128
Self	1,247	1,548	73	60	101	45	3,074
Unknown	461	266	22	154	14	14	931
Total (Ethnicity/Race)	43,013	44,862	3,864	6,364	3,136	803	102,042
2007							
AHCCCS	12,884	33,582	2,551	3,456	786	366	53,625
HIS	40	33	5	1,869	3	17	1,967
Private insurance	27,522	10,426	1,523	893	2,503	305	43,172
Self	1,207	1,419	67	51	103	42	2,889
Unknown	563	271	19	139	17	25	1,034
Total (Ethnicity/Race)	42,216	45,731	4,165	6,408	3,412	755	102,687
2008							
AHCCCS	14,435	31,327	2,654	3,553	795	317	52,081
HIS	58	30	9	1,768	7	12	1,884
Private insurance	26,722	9,920	1,524	839	2,487	196	41,688
Self	1,164	1,186	81	48	113	22	2,614
Unknown	546	176	33	154	23	16	948
Total (Ethnicity/Race)	41,925	42,639	4,301	6,362	3,425	3,425	99,215

Advanced Vital Statistics by County of Residence, Arizona (2005-2008)

Table 8.6 Party Paying for the Delivery by Mother's Race/Ethnicity, Navajo County, 2009-2010 (NEW)

Party Paying for the Delivery by Mother's Race/Ethnicity, Navajo County, 2009-2010 ¹						
Payee	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	All race/ethnic groups*
2009						
Total²	634	145	9	1,073	19	1,893
AHCCCS³	395	124	7	699	10	1,245
IHS⁴	1	0	0	308	4	313
Private Insurance	216	18	2	44	4	287
Self	15	2	0	3	1	21
Unknown	7	1	0	19	0	27
2010						
Total²	556	142	8	1,000	15	1,737
AHCCCS³	350	107	7	546	3	1,029
IHS⁴	2	2	0	403	0	407
Private Insurance	194	30	1	31	10	266
Self	7	2	0	4	2	15
Unknown	3	1	0	16	0	20

¹Source: Arizona Department of Health Services, BIRTHS BY MOTHER'S RACE/ETHNICITY, THE PARTY PAYING FOR THE DELIVERY AND COUNTY OF RESIDENCE, ARIZONA, 2009-2010

²Total for all race/ethnic groups includes unspecified other and unknown race.

³AHCCCS is the Arizona Health Care Cost Containment System, the State's Medicaid program.

⁴IHS is the Indian Health Service.

Child Mortality

Table 8.7 (OLD)

Top Four Leading Causes of Death Among Infants in Navajo County (2004-2008)			
Year	Cause of Death	Navajo County	Arizona
2004	Certain conditions originating in the perinatal period	4	198
	Congenital Malformations	2	152
	SIDS	0	25
	Accidents (unintentional injury)	0	19
	Total, all causes*	12	622
2005	Certain conditions originating in the perinatal period	6	293
	Congenital Malformations	4	149
	SIDS	0	32
	Accident (unintentional injury)	3	24
	Total, all causes*	17	653
2006	Certain conditions originating in the perinatal period	3	314
	Congenital Malformations	3	142
	SIDS	0	37
	Accident (unintentional injury)	1	17
	Total, all causes*	9	642
2007	Certain conditions originating in the perinatal period	7	328
	Congenital Malformations	5	159
	SIDS	2	43
	Accident (unintentional injury)	0	30
	Total, all causes*	22	701
2008	Certain conditions originating in the perinatal period	5	303
	Congenital Malformations	6	145
	SIDS	1	21
	Accident (unintentional injury)	1	19
	Total, all causes*	17	625

*All causes of death include causes of death not listed in the table above. Data Source: Advance Vital Statistics by County of Residence, Arizona Department of Health Services, 2004-2008. 11/10/09.

Table 8.7 Top Four leading Causes of Infant Death, Arizona and Navajo County, 2009-2010 (NEW)

Top Four Causes of Infant Death, Arizona and Navajo County, 2009-2010¹			
Year	Cause of Death	Navajo County	Arizona
2009	Congenital malformations	3	122
	Certain conditions originating in the perinatal period	1	258
	Sudden infant death syndrome	1	42
	Accident (unintentional injury)	1	18
	Total, all causes	9	547
2010	Certain conditions originating in the perinatal period	3	228
	Diseases of the nervous system	2	9
	Congenital malformations	1	114
	Sudden infant death syndrome	1	34
	Total, all causes	9	519

¹Source: Arizona Department of Health Services, LEADING CAUSES OF INFANT DEATH BY COUNTY OF RESIDENCE, ARIZONA, 2009-2010

Neonatal Mortality**Table 8.8 (OLD)**

Neonatal Mortality Rate (Per 1,000 live births) in Navajo County (2004-2008)				
Year	Navajo County		Arizona	
	Number	Rate	Number	Rate
2004	7	3.9	421	4.5
2005	8	4.2	424	4.4
2006	4	2.1	440	4.3
2007	10	5.0	479	4.7
2008	7	3.6	419	4.2

Data Source: Advance Vital Statistics, AZDHS, 2004-2008 11/9/09
<http://www.azdhs.gov/plan/report/ahs/ahs2008/5e.html>

Table 8.8 Neonatal Mortality, Arizona and Navajo County, 2009-2010 (NEW)

Neonatal Mortality, Arizona and Navajo County, 2009-2010^{1,2}				
Year	Navajo County		Arizona	
	Number	Rate	Number	Rate
2009	3	1.6	361	3.9
2010	4	2.3	330	3.8

¹Source: Arizona Department of Health Services, NEONATAL MORTALITY BY COUNTY OF RESIDENCE, ARIZONA, 2000-2010

²Source: Arizona Department of Health Services, NEONATAL MORTALITY RATE1 BY COUNTY OF RESIDENCE, ARIZONA, 2000-2010

Table 8.9 (OLD)

Fetal Deaths out of Total Pregnancies in Navajo County and Arizona: By Age Group (2004-2008)										
Year	Region	Deaths vs. Total Pregnancies	Total	<15	15-19	20-29	30-39	40-44	45+	Not Known
2004	Navajo County	Total Pregnancies	1,874	1	352	1,025	453	39	2	2
		Fetal Deaths	15	0	2	4	9	0	0	0
	Arizona	Total Pregnancies	106,252	233	13,930	58,451	30,854	2,299	133	352
		Fetal Deaths	555	1	79	253	199	19	1	3
2005	Navajo County	Total Pregnancies	1,969	6	350	1,058	490	60	1	4
		Fetal Deaths	15	0	2	7	6	0	0	0
	Arizona	Total Pregnancies	106,776	239	13,659	58,972	31,113	2,203	149	441
		Fetal Deaths	532	0	73	266	170	17	2	4
2006	Navajo County	Total Pregnancies	1,937	3	322	1,117	451	44	0	0
		Fetal Deaths	13	0	3	5	4	1	0	0
	Arizona	Total Pregnancies	113,091	242	14,676	62,852	32,603	2,370	226	3
		Fetal Deaths	543	3	80	255	171	26	5	3
2007	Navajo County	Total Pregnancies	2,078	3	352	1,182	489	45	7	0
		Fetal Deaths	15	0	1	7	6	0	1	0
	Arizona	Total Pregnancies	113,756	325	14,713	62,641	33,314	2,431	308	24
		Fetal Deaths	583	3	84	296	180	15	3	2
2008	Navajo County	Total Pregnancies	2,018	7	374	1,128	462	44	3	0
		Fetal Deaths	15	0	3	6	6	0	0	0
	Arizona	Total Pregnancies	110,115	230	13,817	60,377	32,946	2,301	151	333
		Fetal Deaths	544	2	71	273	176	18	2	2

Advance Vital Statistics by County of Residence, Arizona Department of Health Services, 2004-2008.

11/10/09. [<http://www.azdhs.gov/plan/report/ahs/ahs2004/pdf/5a4.pdf>]

Table 8.9 Total Pregnancies and Fetal Deaths by Mother’s Age Group, Arizona and Navajo County, 2009-2010 (NEW)

Total Pregnancies and Fetal Deaths by Mother’s Age Group, Arizona and Navajo County, 2009-2010 ¹													
Year	Region	Total Pregnancies vs. Fetal Deaths	Mother’s Age (years)										
			Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown
2009	Arizona	Total pregnancies	103,172	156	3,945	8,436	27,355	28,949	21,218	10,377	2,292	193	251
		Fetal deaths	511	0	26	40	111	126	105	76	24	2	1
	Navajo County	Total pregnancies	1,944	6	103	241	628	475	316	135	32	5	3
		Fetal deaths	11	0	1	1	4	1	1	2	1	0	0
2010	Arizona	Total pregnancies	98,555	150	3,363	7,467	25,980	27,632	21,068	10,234	2,310	182	169
		Fetal deaths	443	1	18	33	104	114	74	75	20	3	1
	Navajo County	Total pregnancies	1,814	5	85	199	595	480	287	123	36	3	1
		Fetal deaths	8	0	1	0	2	0	4	1	0	0	0

¹Source: Arizona Department of Health Services, PREGNANCIES BY PREGNANCY OUTCOME, AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2009-2010

Table 8.10 (OLD)

Child Mortality (Number) in Navajo County (2004-2008)										
Age Group	2004		2005		2006		2007		2008	
	Navajo County	Arizona								
1-4	5	108	2	126	8	144	2	111	4	128
5-9	3	57	4	84	2	55	5	61	0	66
10-14	4	83	5	75	4	79	2	84	2	68
Total	12	248	11	285	14	278	9	256	6	262

Advance Vital Statistics by County of Residence, Arizona Department of Health Services, 2004-2008. 11/9/09 [<http://www.azdhs.gov/plan/menu/for/deathscounty.htm>]

Table 8.10 Childhood Mortality by Age Group, Arizona and Navajo County, 2009-2010 (NEW)

Childhood Mortality by Age Group, Arizona and Navajo County, 2009-2010 ¹				
Age Group	2009		2011	
	Navajo County	Arizona	Navajo County	Arizona
1-4	3	127	5	117
5-9	3	69	1	58
10-14	4	75	3	65
Total	10	271	9	240

¹Source: Arizona Department of Health Services, MORTALITY BY FIVE-YEAR AGE GROUPS AND COUNTY OF RESIDENCE, ARIZONA, 2009-2010

Table 8.11 (OLD)

Child Mortality Rate (Per 100,000) in Navajo County (2004-2006)						
Year	Navajo County		Arizona		United States	
	Number	Rate	Number	Rate	Number	Rate
2004	12	40.7	248	20.4	11,619	20
2005	11	36.4	285	22.7	11,358	20
2006	14	50.8	278	21.5	10,780	19

Advance Vital Statistics by County of Residence, Arizona Department of Health Services, 2004-2006. 11/9/09 [<http://www.azdhs.gov/plan/menu/for/deathscounty.htm>] Kids Count Data Center, 2004-2006. 11/9/09 [<http://datacenter.kidscount.org/data/>]

Table 8.11 Childhood Mortality Rates, Arizona and Navajo County, 2009-2010 (NEW)

Childhood Mortality Rates, Arizona and Navajo County, 2009-2010 ^{1,2}				
Year	Navajo County		Arizona	
	Number	Rate	Number	Rate
2009	10	37.3	271	20.2
2010	9	36.6	240	18.9

¹Source: Arizona Department of Health Services, RATES FOR THE LEADING CAUSES OF DEATH AMONG CHILDREN (1-14 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2009-2010

²All rates are per 100,000 children 1-14 years old.

Fetal Deaths and Child Mortality

Table 8.12 (OLD)

Top Four Causes of Death Among Children Ages 1-14 (2004-2008)			
Year	Cause of Death	Navajo County	Arizona
2004	Accidents (unintentional injury)	3	98
	Malignant Neoplasm	0	22
	Assault (homicide)	1	18
	Congenital Malformations	2	18
	Total, all causes*	12	248
2005	Accidents (unintentional injury)	5	112
	Malignant Neoplasm	0	24
	Assault (homicide)	0	18
	Congenital Malformations	1	23
	Total, all causes*	11	285
2006	Accidents (unintentional injury)	8	102
	Malignant Neoplasm	0	17
	Assault (homicide)	1	15
	Congenital Malformations	0	28
	Total, all causes*	14	278
2007	Accidents (unintentional injury)	5	96
	Malignant Neoplasm	0	42
	Assault (homicide)	1	18
	Congenital Malformations	0	13
	Total, all causes*	9	256
2008	Accidents (unintentional injury)	3	77
	Malignant Neoplasm	0	30
	Assault (homicide)	0	14
	Congenital Malformations	0	22
	Total, all causes*	6	262

Advance Vital Statistics by County of Residence, Arizona Department of Health Services, 2004-2008. 11/10/09. [<http://www.azdhs.gov/plan/report/ahs/ahs2004/5e.htm>] * Indicates all causes of death including the ones not listed in the table

Table 8.12 Top Four Causes of Death Among Children (1-14 years), Arizona and Navajo County, 2009-2010 (NEW)

Top Four Causes of Death Among Children (1-14 years), Arizona and Navajo County, 2009-2010 ¹			
Year	Cause of Death	Navajo County	Arizona
2009	Accident (unintentional injury)	3	91
	Assault (homicide)	2	18
	Congenital malformations	1	19
	Influenza and pneumonia	1	9
	Total, all causes	10	271
2010	Accident (unintentional injury)	3	85
	Assault (homicide)	1	15
	Intentional self-harm (suicide)	1	9
	Chronic lower respiratory diseases	1	4
	Total, all causes	9	240

¹Source: Arizona Department of Health Services, LEADING CAUSES OF DEATH AMONG CHILDREN (1-14 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2009-2010

Category 9 – Death, Illness and Injury

Table 9.3 (OLD)

Mortality: Total Number of Deaths (2005-2008)								
Age Groups	Years							
	2005		2006		2007		2008	
	Navajo County	Arizona						
Adolescents (15-19)	15	346	20	412	13	342	10	297
Young Adults (20-44)	103	3,121	126	3,258	116	3,120	101	2,829
Middle Aged (45-64)	193	8,524	180	8,618	189	8,629	203	8,899
Elderly (65+)	462	32,163	511	32,192	539	31,582	456	32,214
Total Deaths	773	44,154	837	44,480	857	43,673	770	44,239

Advance Vital Statistics by County of Residence, Arizona (2005-2008)

Table 9.3 Adolescent and Adult Mortality, Arizona and Navajo County, 2009-2010 (NEW)

Adolescent and Adult Mortality, Arizona and Navajo County, 2009-2010 ¹				
Age Group	2009		2010	
	Navajo County	Arizona	Navajo County	Arizona
Adolescents (15-19 years)	9	255	12	220
Young adults (20-44 years)	114	2,917	117	2,796
Middle-aged (45-64 years)	203	8,955	209	9,212
Elderly (65+ years)	480	32,098	463	32,876
Total	806	44,225	801	45,104

¹Source: Arizona Department of Health Services, MORTALITY BY FIVE-YEAR AGE GROUPS AND COUNTY OF RESIDENCE, ARIZONA, 2010-2009

Table 9.4 (OLD)

Number of Unintentional Injuries Resulting in Death (2005-2008)						
			Years			
Accidents	Region	Sex	2005	2006	2007	2008
Total Accidents	Navajo County	Male	69	68	80	65
		Female	28	32	33	30
		Combined	97	100	113	95
	Arizona	Male	1,921	2,026	1,890	1,608
		Female	1,085	1,130	1,124	940
		Combined	3,006	3,156	3,014	2,548
Transport Accidents	Navajo County	Male	39	34	46	29
		Female	16	21	17	16
		Combined	55	55	63	45
	Arizona	Male	859	913	770	704
		Female	349	412	344	267
		Combined	1,208	1,325	1,114	971
Motor Vehicle Accidents	Navajo County	Male	38	30	43	28
		Female	16	20	17	15
		Combined	54	50	60	43
	Arizona	Male	801	831	710	621
		Female	336	389	325	253
		Combined	1,137	1,220	1,035	874
Other Land Transport Accidents	Navajo County	Male	0	3	2	1
		Female	0	1	0	1
		Combined	0	4	2	2
	Arizona	Male	20	34	17	28
		Female	5	4	6	3
		Combined	25	38	23	31
Number of Unintentional Injuries Resulting in Death (2005-2008)						
Water, Air, Space	Navajo County	Male	1	1	1	0
		Female	0	0	0	0
		Combined	1	1	1	0
	Arizona	Male	38	48	43	55
		Female	8	19	13	11
		Combined	46	67	56	66
Non-Transport Accidents	Navajo County	Male	30	34	34	36
		Female	12	11	16	14
		Combined	42	45	50	50
	Arizona	Male	1,062	1,113	1,120	904
		Female	736	718	780	673
		Combined	1,798	1,831	1,900	1,577

Falls	Navajo County	Male	5	7	9	9
		Female	7	2	6	4
		Combined	12	9	15	13
	Arizona	Male	308	338	329	344
		Female	377	364	391	396
		Combined	685	702	720	740
Accidental Discharge of Firearms	Navajo County	Male	2	0	0	0
		Female	0	0	0	0
		Combined	2	0	0	0
	Arizona	Male	10	6	12	7
		Female	5	3	1	2
		Combined	15	9	13	9
Accidental Drowning and Submersion	Navajo County	Male	4	0	1	3
		Female	1	0	1	0
		Combined	5	0	2	3
	Arizona	Male	63	71	65	56
		Female	26	21	23	14
		Combined	89	92	88	70
Accidental Expose to Smoke, Fire and Flames	Navajo County	Male	1	5	1	4
		Female	0	1	0	0
		Combined	1	6	1	4
	Arizona	Male	36	27	18	29
		Female	20	16	13	17
		Combined	56	43	31	46

Number of Unintentional Injuries Resulting in Death (2005-2008)

Accidental Poisoning	Navajo County	Male	2	10	11	6
		Female	2	4	6	6
		Combined	4	14	17	12
	Arizona	Male	376	441	489	293
		Female	187	205	232	138
		Combined	563	646	721	431

Table 9.4 Accidental Deaths by Gender, Arizona and Navajo County, 2009-2010
(NEW)

Accidental Deaths by Gender, Arizona and Navajo County, 2009-2010 ¹				
Cause of Death	Region	Gender	Year	
			2009	2010
Total accidents	Navajo County	Male	68	57
		Female	32	19
		Combined	100	76
	Arizona	Male	1,817	1,732
		Female	1,070	1,102
		Combined	2,887	2,834
Transport accidents	Navajo County	Male	30	27
		Female	16	9
		Combined	46	36
	Arizona	Male	610	539
		Female	234	228
		Combined	844	767
Motor vehicle accidents	Navajo County	Male	25	26
		Female	16	8
		Combined	41	34
	Arizona	Male	554	501
		Female	217	210
		Combined	771	711
Other land transport accidents	Navajo County	Male	3	1
		Female	0	1
		Combined	3	2
	Arizona	Male	17	16
		Female	3	5
		Combined	20	21
Water, air, space	Navajo County	Male	2	0
		Female	0	0
		Combined	2	0
	Arizona	Male	39	22
		Female	14	13
		Combined	53	35
Nontransport accidents	Navajo County	Male	38	30
		Female	16	10
		Combined	54	40
	Arizona	Male	1,207	1,193
		Female	836	874
		Combined	2,043	2,067
Falls	Navajo County	Male	9	4
		Female	4	5

	Arizona	Combined	13	9
		Male	343	357
		Female	388	405
		Combined	731	762
Accidental discharge of firearms	Navajo County	Male	0	0
		Female	0	0
		Combined	0	0
	Arizona	Male	7	8
		Female	0	3
		Combined	7	11
Accidental drowning and submersion	Navajo County	Male	1	1
		Female	1	0
		Combined	2	1
	Arizona	Male	80	66
		Female	19	20
		Combined	99	86
Accidental exposure to smoke, fire and flames	Navajo County	Male	2	0
		Female	0	0
		Combined	2	0
	Arizona	Male	22	17
		Female	9	8
		Combined	31	25
Accidental poisoning	Navajo County	Male	18	15
		Female	7	4
		Combined	25	19
	Arizona	Male	573	547
		Female	314	332
		Combined	887	879

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Table 9.5 (OLD)

Number of Cardiovascular Disease Cases Resulting in Death (2005-2008)						
			Years			
Cause of Death	Region	Sex	2005	2006	2007	2008
Major Cardiovascular Diseases	Navajo County	Male	106	113	108	108
		Female	84	92	98	88
		Combined	190	205	206	196
	Arizona	Male	7,238	6,866	6,733	6,909
		Female	6,908	6,624	6,462	6,222
		Combined	14,146	13,490	13,195	13,131
Diseases of Heart	Navajo County	Male	83	96	88	90
		Female	56	72	64	61
		Combined	139	168	152	151
	Arizona	Male	5,789	5,538	5,455	5,535
		Female	4,990	4,824	4,692	4,517
		Combined	10,779	10,362	10,147	10,052
Acute Rheumatic fever and Chronic Rheumatic Heart Disease	Navajo County	Male	0	0	0	1
		Female	1	1	0	0
		Combined	1	1	0	1
	Arizona	Male	16	15	15	24
		Female	39	42	23	33
		Combined	55	57	38	57

Number of Cardiovascular Disease Cases Resulting in Death (2005-2008)						
Hypertensive Heart Disease	Navajo County	Male	3	0	2	4
		Female	2	2	2	0
		Combined	5	2	4	4
	Arizona	Male	226	256	332	322
		Female	261	250	314	314
		Combined	487	506	646	636
Hypertensive Heart and Renal Disease	Navajo County	Male	0	0	0	1
		Female	1	0	0	1
		Combined	1	0	0	2
	Arizona	Male	18	13	15	22
		Female	21	11	14	26
		Combined	39	24	29	48
Ischemic Heart Disease	Navajo County	Male	65	74	61	67
		Female	39	53	42	38
		Combined	104	127	103	105
	Arizona	Male	4,509	4,202	4,005	4,225
		Female	3,551	3,426	3,158	3,101

		Combined	8,060	7,628	7,163	7,326
Acute Myocardial Infection	Navajo County	Male	22	30	26	24
		Female	12	16	23	10
		Combined	34	46	49	34
	Arizona	Male	1,117	988	891	966
		Female	916	835	782	689
		Combined	2,033	1,823	1,673	1,655
Other Acute Ischemic Heart Disease	Navajo County	Male	1	2	4	3
		Female	0	0	1	0
		Combined	1	2	5	3
	Arizona	Male	26	14	21	20
		Female	11	10	9	8
		Combined	37	24	30	28
Other Forms of Chronic Ischemic Heart Disease	Navajo County	Male	42	42	31	40
		Female	27	37	18	28
		Combined	69	79	49	68
	Arizona	Male	3,366	3,200	3,093	3,239
		Female	2,624	2,581	2,367	2,404
		Combined	5,990	5,781	5,460	5,643
Atherosclerotic Cardiovascular Disease	Navajo County	Male	19	13	6	12
		Female	8	13	3	6
		Combined	27	26	9	18
	Arizona	Male	1,102	1,119	1,041	1,066
		Female	875	824	687	718
		Combined	1,977	1,943	1,728	1,784

Number of Cardiovascular Disease Cases Resulting in Death (2005-2008)

All Other Forms of Chronic Ischemic Heart Disease	Navajo County	Male	23	29	25	28
		Female	19	24	15	22
		Combined	42	53	40	50
	Arizona	Male	2,264	2,080	2,052	2,173
		Female	1,749	1,757	1,680	1,686
		Combined	4,013	3,837	3,732	3,859
Other Heart Diseases	Navajo County	Male	15	22	25	17
		Female	13	16	20	22
		Combined	28	38	45	39
	Arizona	Male	1,020	1,052	1,088	942
		Female	1,118	1,095	1,183	1,043
		Combined	2,138	2,147	2,271	1,985
Acute and Subacute Endocarditis	Navajo County	Male	0	0	1	0
		Female	0	0	0	1
		Combined	0	0	1	1

	Arizona	Male	17	14	19	14
		Female	6	10	14	16
		Combined	23	24	33	30
Diseases of Pericardium and Acute Myocarditis	Navajo County	Male	0	0	0	0
		Female	2	0	0	0
		Combined	2	0	0	0
	Arizona	Male	5	10	8	8
		Female	11	4	7	5
		Combined	16	14	15	13
Heart Failure	Navajo County	Male	2	6	6	4
		Female	3	4	4	7
		Combined	5	10	10	11
	Arizona	Male	295	325	302	255
		Female	431	410	357	336
		Combined	726	735	659	591
All Other Forms of Heart Failure	Navajo County	Male	13	16	18	13
		Female	8	12	16	14
		Combined	21	28	34	27
	Arizona	Male	703	703	759	665
		Female	670	671	805	686
		Combined	1,373	1,374	1,564	1,351

Advance Vital Statistics by County of Residence, Arizona (2005-2008)

Table 9.5 Cardiovascular Disease Deaths by Gender, Arizona and Navajo County, 2009-2010 (NEW)

Cardiovascular Disease Deaths by Gender, Arizona and Navajo County, 2009-2010 ¹				
Cause of Death	Region	Gender	Year	
			2009	2010
Major cardiovascular diseases	Navajo County	Male	104	114
		Female	89	89
		Combined	193	203
	Arizona	Male	6,906	6,663
		Female	6,232	6,091
		Combined	13,138	12,754
Diseases of heart	Navajo County	Male	78	98
		Female	66	62
		Combined	144	160
	Arizona	Male	5,558	5,351
		Female	4,593	4,368
		Combined	10,151	9,719
Acute rheumatic fever and chronic rheumatic heart disease	Navajo County	Male	0	0
		Female	1	0
		Combined	1	0
	Arizona	Male	16	15
		Female	35	27
		Combined	51	42
Hypertensive heart disease	Navajo County	Male	3	4
		Female	6	2
		Combined	9	6
	Arizona	Male	340	302
		Female	358	342
		Combined	698	644
Hypertensive heart and renal disease	Navajo County	Male	0	0
		Female	0	0
		Combined	0	0
	Arizona	Male	18	16
		Female	17	20
		Combined	35	36
Ischemic heart disease	Navajo County	Male	54	68
		Female	41	42
		Combined	95	110
	Arizona	Male	4,233	4,076
		Female	3,139	2,967
		Combined	7,372	7,043
Acute myocardial infarction	Navajo County	Male	20	28
		Female	10	14

	Arizona	Combined	30	42
		Male	933	827
		Female	707	667
		Combined	1,640	1,494
Other acute ischemic heart disease	Navajo County	Male	4	3
		Female	0	0
		Combined	4	3
	Arizona	Male	17	17
		Female	14	5
		Combined	31	22
Other forms of chronic ischemic heart disease	Navajo County	Male	30	37
		Female	31	28
		Combined	61	65
	Arizona	Male	3,283	3,232
		Female	2,418	2,295
		Combined	5,701	5,527
Atherosclerotic cardiovascular disease	Navajo County	Male	5	8
		Female	2	3
		Combined	7	11
	Arizona	Male	1,159	1,050
		Female	666	649
		Combined	1,825	1,699
All other forms of chronic ischemic heart disease	Navajo County	Male	25	29
		Female	29	25
		Combined	54	54
	Arizona	Male	2,124	2,182
		Female	1,752	1,646
		Combined	3,876	3,828
Other heart diseases	Navajo County	Male	21	26
		Female	18	18
		Combined	39	44
	Arizona	Male	951	942
		Female	1,044	1,012
		Combined	1,995	1,954
Acute and subacute endocarditis	Navajo County	Male	1	0
		Female	0	0
		Combined	1	0
	Arizona	Male	14	16
		Female	8	11
		Combined	22	27
Diseases of pericardium and acute myocarditis	Navajo County	Male	0	0
		Female	0	0
		Combined	0	0
	Arizona	Male	9	7

		Female	3	6
		Combined	12	13
Heart failure	Navajo County	Male	3	6
		Female	2	5
		Combined	5	11
	Arizona	Male	256	247
		Female	327	296
		Combined	583	543
All other forms of heart disease	Navajo County	Male	17	20
		Female	16	13
		Combined	33	33
	Arizona	Male	672	672
		Female	706	699
		Combined	1,378	1,371

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Table 9.6 (OLD)

Number of Chronic Obstructive Lung Disease Cases Resulting in Death (2005-2008)						
Cause of Death	Region	Sex	Years			
			2005	2006	2007	2008
Chronic Lower Respiratory Disease	Navajo County	Male	2	19	26	21
		Female	0	13	12	22
		Combined	2	32	38	43
	Arizona	Male	1,301	1,343	1,281	1,394
		Female	1,477	1,428	1,370	1,502
		Combined	2,778	2,771	2,651	2,896
Bronchitis, Chronic and Unspecified	Navajo County	Male	0	0	0	0
		Female	0	0	0	0
		Combined	0	0	0	0
	Arizona	Male	6	3	1	2
		Female	5	5	3	5
		Combined	11	8	4	7
Emphysema	Navajo County	Male	2	4	2	4
		Female	3	1	4	4
		Combined	5	5	6	8
	Arizona	Male	200	171	140	145
		Female	185	178	142	113
		Combined	385	349	282	258
Asthma	Navajo County	Male	0	0	3	0
		Female	1	0	0	1
		Combined	1	0	3	1
	Arizona	Male	28	32	21	14
		Female	45	41	38	33
		Combined	73	73	59	47
Other Chronic Lower Respiratory Diseases	Navajo County	Male	20	15	21	17
		Female	10	12	8	17
		Combined	30	27	29	34
	Arizona	Male	1,067	1,137	1,119	1,233
		Female	1,242	1,204	1,187	1,351
		Combined	2,309	2,341	2,306	2,584

Advance Vital Statistics by County of Residence, Arizona (2005-2008)

Table 9.6 Chronic Lower Respiratory Disease Deaths by Gender, Arizona and Navajo County, 2009-2010 (NEW)

Chronic Lower Respiratory Disease Deaths by Gender, Arizona and Navajo County, 2009-2010 ¹				
Cause of Death	Region	Gender	Year	
			2009	2010
Chronic lower respiratory diseases	Navajo County	Male	23	20
		Female	25	21
		Combined	48	41
	Arizona	Male	1,353	1,419
		Female	1,455	1,473
		Combined	2,808	2,892
Bronchitis, chronic and unspecified	Navajo County	Male	0	0
		Female	0	0
		Combined	0	0
	Arizona	Male	0	5
		Female	5	2
		Combined	5	7
Emphysema	Navajo County	Male	5	3
		Female	3	3
		Combined	8	6
	Arizona	Male	109	128
		Female	98	101
		Combined	207	229
Asthma	Navajo County	Male	0	0
		Female	2	0
		Combined	2	0
	Arizona	Male	16	26
		Female	36	31
		Combined	52	57
Other chronic lower respiratory diseases	Navajo County	Male	18	17
		Female	20	18
		Combined	38	35
	Arizona	Male	1,228	1,260
		Female	1,316	1,339
		Combined	2,544	2,599

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Table 9.7 (OLD)

Cancer Death Rates (2005-2008)							
Years	Region	Sex	Breast Cancer	Lung Cancer	Cervical Cancer	Colorectal Cancer	Prostate Cancer
2005	Navajo County	Male	0	11	0	7	10
		Female	10	9	1	5	0
		Combined	10	20	1	12	10
	Arizona	Male	7	1,461	0	490	564
		Female	670	1,146	65	425	0
		Combined	677	2,607	65	915	564
2006	Navajo County	Male	0	20	0	4	12
		Female	11	11	3	9	0
		Combined	11	31	3	13	12
	Arizona	Male	6	1,528	0	495	522
		Female	739	1,190	54	422	0
		Combined	745	2,718	54	914	522
2007	Navajo County	Male	0	20	0	11	16
		Female	13	17	1	4	0
		Combined	13	37	1	15	16
	Arizona	Male	6	1,443	0	535	548
		Female	718	1,130	62	431	0
		Combined	724	2,573	62	966	548
2008	Navajo County	Male	0	20	0	8	11
		Female	11	16	1	8	0
		Combined	11	36	1	16	11
	Arizona	Male	9	1,477	0	466	568
		Female	725	1,155	60	430	0
		Combined	734	2,632	60	896	568

Table 9.7 Cancer Deaths by Gender, Arizona and Navajo County, 2009-2010 (NEW)

Cancer Deaths by Gender, Arizona and Navajo County, 2009-2010 ¹							
Year	Region	Gender	Type of Cancer				
			Breast Cancer	Lung Cancer	Cervical Cancer	Colorectal Cancer	Prostate Cancer
2009	Navajo County	Male	0	14	---	11	9
		Female	18	23	0	6	---
		Combined	18	37	0	17	9
	Arizona	Male	8	1,480	---	463	551
		Female	708	1,211	64	424	---
		Combined	716	2,691	64	887	551
2010	Navajo County	Male	0	13	---	14	10
		Female	13	11	1	8	---
		Combined	13	24	1	22	10
	Arizona	Male	12	1,465	---	520	549
		Female	720	1,190	68	432	---
		Combined	732	2,655	68	952	549

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Table 9.9 (OLD)

Total Number of Cases of Pneumonia/Influenza Resulting in Death (2005-2008)						
			Years			
Cause of Death	Region	Sex	2005	2006	2007	2008
Pneumonia and Influenza	Navajo County	Male	21	16	17	11
		Female	22	13	8	11
		Combined	43	29	25	22
	Arizona	Male	633	579	433	515
		Female	647	568	442	545
		Combined	1,280	1,147	875	1,060
Pneumonia	Navajo County	Male	20	16	17	11
		Female	21	13	8	11
		Combined	41	29	25	22
	Arizona	Male	623	569	428	507
		Female	624	560	439	534
		Combined	1,247	1,129	867	1,041
Influenza	Navajo County	Male	1	0	0	0
		Female	1	0	0	0
		Combined	2	0	0	0
	Arizona	Male	10	10	5	8
		Female	23	8	3	11
		Combined	33	18	8	19

Advance Vital Statistics by County of Residence, Arizona (2005-2008)

Table 9.9 Pneumonia and Influenza Deaths by Gender, Arizona and Navajo County, 2009-2010 (NEW)

Pneumonia and Influenza Deaths by Gender, Arizona and Navajo County, 2009-2010 ¹				
Cause of Death	Region	Gender	Year	
			2009	2010
Pneumonia and Influenza	Navajo County	Male	16	9
		Female	13	8
		Combined	29	17
	Arizona	Male	471	370
		Female	536	359
		Combined	1,007	729
Pneumonia	Navajo County	Male	16	9
		Female	12	8
		Combined	28	17
	Arizona	Male	449	364
		Female	519	358
		Combined	968	722
Influenza	Navajo County	Male	0	0
		Female	1	0
		Combined	1	0
	Arizona	Male	22	6
		Female	17	1
		Combined	39	7

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Table 9.10 (OLD)

Chronic Liver Disease and Cirrhosis Resulting in Death (2005-2008)						
			Years			
Cause of Death	Region	Sex	2005	2006	2007	2008
Chronic Liver Disease and cirrhosis	Navajo County	Male	12	12	11	13
		Female	11	12	14	8
		Combined	23	24	25	21
	Arizona	Male	498	426	481	479
		Female	251	280	253	281
		Combined	749	706	734	760
Alcoholic Liver Disease	Navajo County	Male	10	9	10	10
		Female	8	10	7	5
		Combined	18	19	17	15
	Arizona	Male	305	282	309	349
		Female	119	128	133	161
		Combined	424	410	442	510
Other Chronic Liver Disease and Cirrhosis	Navajo County	Male	2	3	1	3
		Female	3	2	7	3
		Combined	5	5	8	6
	Arizona	Male	193	144	172	130
		Female	132	152	120	120
		Combined	325	296	292	250

Advance Vital Statistics by County of Residence, Arizona (2005-2008)

Table 9.10 Chronic Liver Disease and Cirrhosis Deaths by Gender, Arizona and Navajo County, 2009-2010 (NEW)

Chronic Liver Disease and Cirrhosis Deaths by Gender, Arizona and Navajo County, 2009-2010 ¹				
Cause of Death	Region	Gender	Year	
			2009	2010
Chronic liver disease and cirrhosis	Navajo County	Male	12	22
		Female	22	15
		Combined	34	37
	Arizona	Male	499	534
		Female	319	309
		Combined	818	843
Alcoholic liver disease	Navajo County	Male	8	20
		Female	17	11
		Combined	25	31
	Arizona	Male	336	414
		Female	174	190
		Combined	510	604
Other chronic liver disease and cirrhosis	Navajo County	Male	4	2
		Female	5	4
		Combined	9	6
	Arizona	Male	163	120
		Female	145	119
		Combined	308	239

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Table 9.11 (OLD)

Number of Cases of Diabetes Mellitus Resulting in Death (2005-2008)						
			Years			
Cause of Death	Region	Sex	2005	2006	2007	2008
Diabetes	Navajo County	Male	19	16	23	12
		Female	11	12	9	15
		Combined	30	28	32	27
	Arizona	Male	641	632	629	625
		Female	555	556	516	522
		Combined	1,196	1,188	1,145	1,147

Advance Vital Statistics by County of Residence, Arizona (2005-2008)

Table 9.11 Diabetes Deaths by Gender, Arizona and Navajo County, 2009-2010
(NEW)

Diabetes Deaths by Gender, Arizona and Navajo County, 2009-2010 ¹				
Cause of Death	Region	Gender	Year	
			2009	2010
Diabetes	Navajo County	Male	9	22
		Female	16	19
		Combined	25	41
	Arizona	Male	569	773
		Female	509	599
		Combined	1,078	1,372

¹Source: Arizona Department of Health Services, DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009-2010

Table 9.12 (OLD)

Stroke Rate Resulting in Death (2008)			
Year	Navajo County Rate	U.S. Rate (2003)	Healthy People 2010 Target
2008	58.8%	53.0%	50.0%

Community Health Status Report, CDC, Navajo County (2008)

Table 9.12 (NEW)

Rate of Death from Stroke, Navajo County and the US^{1,2}		
Navajo County Rate 2009	U.S. Rate 2005	Healthy People 2010 Target
50.9	47.0	50.0

¹Source: Centers for Disease Control and Prevention (CDC), Community Health Status Indicators (CHSI) 2009

²Rates are age-adjusted to the year 2000 standard; per 100,000 population.

Category 10 – Communicable Diseases

Table 10.0 (OLD)

Estimated Percentages of Children Aged 24-35 Months who Received Timely Vaccinations in Arizona (2000-2002)					
All Doses As Recommended ^a					
Un-weighted Same Size	4 DPT (Tetanus, Diphtheria, Pertussis) ^b	3 Polio (Polio) ^c	MMR (Measles, Mumps, Rubella) ^d	3 Hep B (Hepatitis B) ^e	3-4 Hib (Meningitis Vaccine) ^f
1238	20.4%	44.5%	72.5%	64.5%	19.8%

National Immunization Survey (2000-2002)

Luman et al. (2005). Timeless of Childhood Immunizations: A State-Specific Analysis. Research and Practice.

American Journal of Public Health (2008) 95(8):1367-1374.

^a Recommended age for routine administration approved by the Advisory Committee on Immunization Practices, the American Academy of Pediatrics. And the American Academy of Family Physicians.

^b 4 doses of diphtheria and tetanus toxoids and acellular or whole-cell pertussis vaccine.

^c 3 doses of poliovirus vaccine.

^d 1 dose of measles –mumps-rubella vaccine.

^e 3 doses of hepatitis B vaccine

^f 3-4 doses of *Haemophilus influenzae* type b vaccine, as appropriate.

Table 10.0 Estimated Vaccination Coverage* with Individual Vaccines and Selected Vaccination Series Among Children 19-35 Months of Age, Arizona and the US, 2011 (NEW)

Estimated Vaccination Coverage* with Individual Vaccines and Selected Vaccination Series Among Children 19-35 Months of Age, Arizona and the US, 2011 ¹		
Vaccination	Arizona (%)	U.S. (%)
3+DTaP [¥]	95.9±2.5	95.5±0.5
4+DTaP [‡]	86.0±6.0	84.6±1.0
3+Polio [§]	93.8±2.9	93.9±0.6
1+MMR	86.7±6.7	91.6±0.8
3+Hib [¶]	93.7±3.6	94.0±0.6
Hib-PS**	94.4±3.3	94.2±0.6
Hib-FS ^{††}	82.4±6.8	80.4±1.1
3+HepB ^{††}	87.0±6.0	91.1±0.7
Hep B Birth dose ^{§§}	71.2±8.2	68.6±1.3
1+Var	87.9±5.9	90.8±0.7
3+PCV ^{¶¶}	93.1±3.6	93.6±0.6
4+PCV ^{***}	83.3±6.4	84.4±1.0
1+HepA [#]	87.5±5.8	81.2±1.0
2+HepA ^{†††}	51.2±9.1	52.2±1.4
Rotavirus ^{†††}	64.6±8.7	67.3±1.3
4:3:1 ^{§§§}	79.9±7.3	82.6±1.0
4:3:1:3	78.8±7.5	81.9±1.0
(4:3:1:2*) ^{¶¶¶}	78.8±7.5	81.9±1.0
(4:3:1:3*) ^{****}	74.6±8.0	75.4±1.2
4:3:1:3:3:1 [€]	68.1±8.7	77.0±1.1
4:3:1:-:3:1 [§]	69.2±8.6	77.6±1.1
4:3:1:2*:3:1 ^{€€}	68.1±8.7	77.0±1.1
4:3:1:3*:3:1 ^{§§}	64.2±8.9	71.0±1.2
4:3:1:3:3:1:4 ^{€€€}	64.0±8.9	73.3±1.2
4:3:1:-:3:1:4 ^{§§§}	65.1±8.8	73.6±1.2
4:3:1:2*:3:1:4 ^{€€€€}	64.0±8.9	73.3±1.2
4:3:1:3*:3:1:4 ^{§§§§}	60.4±9.0	68.5±1.3

¹Source: Centers for Disease Control and Prevention (CDC), National Immunization Survey (NIS) - Children (19-35 months), 2011

* Estimate=NA (Not Available) if the unweighted sample size for the denominator was <30 or (CI half width)/Estimate > 0.588 or (CI half width) >10. Estimates presented as point estimate (%) ± 95% Confidence Interval.

† Children in the Q1/2011-Q4/2011 National Immunization Survey were born from January 2008 through May 2010.

¥ 3 or more doses of any diphtheria and tetanus toxoids and pertussis vaccines including diphtheria and tetanus toxoids, and any acellular pertussis vaccine (DTaP/DTP/DT).

‡ 4 or more doses of DTaP.

§ 3 or more doses of any poliovirus vaccine.

|| 1 or more doses of measles-mumps-rubella vaccine.

¶ 3 or more doses of Haemophilus influenzae type b (Hib) vaccine.

** Primary series Hib: ≥2 or ≥3 doses of Haemophilus influenzae type b (Hib), depending on brand type

†† Full series Hib: ≥3 or ≥4 doses of Hib vaccine depending on product type received (includes primary series plus the booster dose).

‡‡ 3 or more doses of hepatitis B vaccine.

§§ 1 or more doses of hepatitis B vaccine administered between birth and age 3 days.

||| 1 or more doses of varicella at or after child's first birthday, unadjusted for history of varicella illness.

¶¶ 3 or more doses of pneumococcal conjugate vaccine (PCV).

*** 4 or more doses of PCV.

1 or more doses of hepatitis A vaccine.

††† 2 or more doses of hepatitis A vaccine.

‡‡‡ ≥2 or ≥3 doses of Rotavirus vaccine, depending on product type received (≥2 doses for Rotarix® [RV1] or ≥3 doses for RotaTeq® [RV5]).

§§§ 4 or more doses of DTaP, 3 or more doses of poliovirus vaccine, and 1 or more doses of any MMR vaccine.

|||| 4:3:1 plus 3 or more doses of Hib vaccine of any type.

¶¶¶ 4:3:1 plus the primary series Hib.

**** 4:3:1 plus the full series Hib.

€ 4:3:1 plus 3 or more doses of Hib vaccine of any type, 3 or more doses of HepB vaccine, and 1 or more doses of varicella vaccine.

ç 4:3:1 plus 3 or more doses of HepB vaccine and 1 or more doses of varicella vaccine. Hib vaccine is excluded.

€€ 4:3:1 plus primary series of Hib vaccine, 3 or more doses of HepB vaccine, and 1 or more doses of varicella vaccine.

çç 4:3:1 plus full series of Hib vaccine, 3 or more doses of HepB vaccine, and 1 or more doses of varicella vaccine.

€€€ 4:3:1 plus ≥3 doses of Hib vaccine of any type, 3 or more doses of HepB, 1 or more doses of varicella vaccine, and 4 or more doses of PCV.

ççç 4:3:1 plus 3 or more doses of HepB vaccine, 1 or more doses of varicella vaccine, and 4 or more doses of PCV. Hib vaccine is excluded.

€€€€ 4:3:1 plus primary series Hib vaccine, 3 or more doses of HepB, 1 or more doses of varicella vaccine, and 4 or more doses of PCV.

çççç 4:3:1 plus full series Hib vaccine, 3 or more doses of HepB, 1 or more doses of varicella vaccine, and 4 or more doses of PCV.

Table 10.2 (OLD)

During the past 12 months, have you had a flu shot? (2003-2007)										
Response	Years									
	2003		2004		2005		2006		2007	
	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent	Frequency	Percent
Yes	19,654	29.9%	21,171	32.9%	16,970	27.1%	18,434	25.7%	36,040	47.9%
No	46,010	70.0%	43,217	67.1%	45,394	72.5%	53,409	74.3%	39,255	52.1%
Don't Know/ Not Sure	111	0.2%	Not Available	Not Available	244	0.4%	Not Available	Not Available	Not Available	Not Available
Total	65,775	100.0%	64,388	100.0%	62,608		71,843	100.0%	75,295	100.0%

BRFSS (2003-2007)

Table 10.2 Percentage of Respondents Age 65+ Who Reported Having Had a Flu Shot in the Past 12 Months, Arizona and Navajo County, 2009-2010 (NEW)

Percentage of Respondents Age 65+ Who Reported Having Had a Flu Shot in the Past 12 Months, Arizona and Navajo County, 2009-2010 ¹		
Year	Navajo County	Arizona
2009	69.1%	67.0%
2010	71.7%	66.9%

¹Source: Arizona Department of Health Services, Behavioral Risk Factor Surveillance System (BRFSS), Health Status and Health Risk Behaviors of Arizonans, 2009-2010

Table 10.6 (OLD)

Reported Chlamydia Case Rate per 100,000 Population, Navajo County 2006-2008*												
Age Group	Arizona						Navajo County					
	Male			Female			Male			Female		
	2006	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008
<10	11	12	3.6	27	25	7.2	0	0	10.7	0	1	11.0
10-14	24	34	19.8	221	278	110.3	2	2	0.0	8	13	212.5
15-19	1266	1476	679.2	6180	6596	3,065.3	37	26	573.9	157	155	3,174.9
20-24	1958	2132	937.6	6732	6418	3,014.3	27	22	906.1	156	131	3,646.2
25-29	1198	1222	494.9	3035	3072	1,220.1	18	12	551.2	74	62	1,560.5
30-34	511	533	249.4	1253	1338	538.1	5	8	196.5	34	47	998.4
35-39	279	295	141.8	540	562	268.6	6	6	98.5	20	18	504.6
40-44	179	144	81.3	270	262	108.3	9	5	339.2	14	11	320.6
45-49	82	116	40.5	99	126	44.6	1	3	0.0	6	3	154.6
50-54	30	50	24.6	49	63	32.0	0	3	31.1	1	2	139.5
55-59	20	20	9.6	21	32	14.9	1	0	0.0	1	1	95.1
60-64	16	7	7.2	15	7	3.9	2	0	0.0	2	0	0.0
≥65	10	13	3.2	16	11	4.1	0	11	0.0	0	0	0.0

Navajo County Case Rate= 522.7 per 100,000 population, AZ Department of Health Services, STD Control Program (2006-2008) * 2006 and 2007 list actual counts of cases.

Table 10.7 (OLD)

Reported Gonorrhea Case Rate per 100,000 Population, Navajo County 2006-2008*												
Age Group	Arizona						Navajo County					
	Male			Female			Male			Female		
	2006	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008
<10	4	8	0.4	7	9	1.3	0	0	0.0	0	0	11.0
10-14	7	14	3.0	38	32	8.4	0	0	0.0	1	0	58.0
15-19	473	437	123.4	802	709	216.9	22	6	129.6	26	14	281.8
20-24	843	713	218.2	889	738	263.1	14	13	144.2	23	14	180.1
25-29	638	603	155.2	578	402	110.5	6	8	95.9	9	11	100.7
30-34	389	286	86.7	229	213	52.0	4	3	32.7	4	7	62.4
35-39	284	229	77.8	149	110	37.3	6	2	32.8	1	5	94.6
40-44	203	179	43.7	82	62	18.4	1	0	28.3	2	0	0.0
45-49	121	135	30.2	47	37	11.2	1	1	0.0	1	0	51.5
50-54	76	68	24.1	12	18	5.9	0	0	0.0	0	2	0.0
55-59	36	28	11.3	3	4	0.0	0	0	0.0	0	0	0.0
60-64	15	9	6.4	3	4	2.0	0	0	0.0	0	0	0.0
≥65	10	9	2.9	0	1	0.9	0	0	0.0	0	0	0.0

Arizona Case Rate= 52.9 per 100,000 Population. Does not include cases where gender was unknown. Arizona Department of Health Services- STD Control Program (2006-2008) * 2006 and 2007 list actual counts of cases.

Table 10.8 (OLD)

Reported Syphilis Case Rates per 100,000 Population, Navajo County 2006-2008*												
Age Group	Arizona						Navajo County					
	Male			Female			Male			Female		
	2006	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008
<10	0	0	2.2	1	0	3.0	---	0	0.0	---	0	0.0
10-14	0	1	0.0	0	2	0.4	---	0	0.0	---	0	0.0
15-19	17	20	10.3	26	36	13.3	---	0	0.0	---	1	0.0
20-24	65	108	36.9	47	66	38.9	---	3	0.0	---	0	45.0
25-29	104	128	58.9	50	71	33.1	---	1	24.0	---	0	0.0
30-34	110	135	65.8	26	70	28.3	---	4	0.0	---	1	0.0
35-39	102	116	62.2	42	47	21.2	---	1	0.0	---	0	0.0
40-44	95	137	68.2	21	30	20.2	---	1	28.3	---	0	53.4
45-49	70	85	48.2	15	18	8.9	---	0	0.0	---	0	0.0
50-54	28	27	40.5	10	11	8.4	---	0	0.0	---	0	0.0
55-59	19	47	16.3	9	11	8.0	---	0	33.8	---	0	0.0
60-64	6	15	14.3	1	4	5.2	---	0	0.0	---	0	0.0
≥65	12		2.6	5	4	0.9	---	0	0.0	---	0	0.0

Arizona Case Rate= 21.4 per 100,000 Population. Does not include transgendered persons. 51 cases from unknown counties were distributed based on Provider County. Arizona Department of Health Services- STD Control Program (2006-2008) * 2006 and 2007 list actual counts of cases.

Table 10.9 (OLD)

Reported Genital Herpes Case Rates per 100,000 Population, Navajo County 2007-2008*								
Age Group	Arizona				Navajo County			
	Male		Female		Male		Female	
	2007	2008	2007	2008	2007	2008	2007	2008
<10	6	2.6	9	3.6	0	21.3	1	0.0
10-14	1	0.0	10	5.3	0	0.0	0	0.0
15-19	54	13.3	136	66.8	1	0.0	3	37.6
20-24	135	47.0	258	114.2	2	82.4	5	45.0
25-29	169	50.5	228	95.6	0	24.0	2	0.0
30-34	123	28.5	153	71.1	0	0.0	2	124.8
35-39	90	30.4	145	65.0	2	32.8	4	63.1
40-44	69	25.4	81	46.3	2	56.5	2	26.7
45-49	43	17.6	72	32.1	2	0.0	1	51.5
50-54	21	13.3	56	23.7	0	31.1	3	27.9
55-59	27	10.7	31	19.6	1	33.8	2	0.0
60-64	25	19.3	20	11.7	0	0.0	1	0.0
≥65	16	4.5	24	6.2	0	0.0	2	0.0

Arizona case rate= 28.4 per 100,000 Population. Newly reported cases do not include unknown gender. 103 cases from unknown counties were distributed based on Provider County. Arizona Department of Health Service- STD Control Program (2007-2008) *2007 lists counts of cases

Table 10.6/7/8/9 Sexually Transmitted Diseases, Arizona and Navajo County, 2009-2010 (NEW)

Sexually Transmitted Diseases, Arizona and Navajo County, 2009-2010 ^{1,2,3}								
Sexually Transmitted Disease	2009				2010			
	Navajo County		Arizona		Navajo County		Arizona	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Genital Herpes	24	20.8	598	11.7	23	21.4	1,701	29.0
Gonorrhea	39	33.8	2,926	49.3	36	33.5	2,998	50.8
Gonococcal PID	0	0.0	0	0.0	0	0.0	0	0.0
Resistant Gonorrhea	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis (primary and secondary)	2	1.7	231	3.5	1	0.9	226	3.6
Syphilis - Total	9	7.8	999	16.4	2	1.9	865	14.1
Chlamydia	645	558.8	23,329	394.2	601	559.3	24,642	420.2

¹Source: Arizona Department of Health Services, NUMBER OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2009-2010

²Source: Arizona Department of Health Services, RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2009-2010

³Notes: Non-resident cases have been excluded. Only incident cases are reported. Cases are counted by date reported to public health. Case counts include both probable and confirmed cases unless otherwise indicated. Rates are per 100,000 Arizona residents.

Table 10.11 Hepatitis and Tuberculosis, Arizona and Navajo County, 2009-2010
(NEW)

Hepatitis and Tuberculosis, Arizona and Navajo County, 2009-2010 ^{1,2,3}								
Hepatitis and Tuberculosis	2009				2010			
	Navajo County		Arizona		Navajo County		Arizona	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hepatitis								
Hepatitis A	3	2.6	68	1.0	1	0.9	68	1.1
Hepatitis B (acute)	3	2.6	193	2.9	2	1.9	150	2.3
Hepatitis B, Perinatal	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis C (acute)	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis D	0	0.0	0	0.0	0	0.0	1	0.0
Hepatitis E	0	0.0	0	0.0	0	0.0	1	0.0
Tuberculosis								
Pulmonary TB	1	0.9	188	2.9	4	3.7	229	3.6
Total TB	3	2.6	232	3.5	5	4.7	282	4.4

¹Source: Arizona Department of Health Services, NUMBER OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2009-2010

²Source: Arizona Department of Health Services, RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2009-2010

³Notes: Non-resident cases have been excluded. Only incident cases are reported. Cases are counted by date reported to public health. Case counts include both probable and confirmed cases unless otherwise indicated. Rates are per 100,000 Arizona residents.

Table 10.13 (OLD)

Cases of Hepatitis C in the United States (2002-2007)						
Types of Cases	2002	2003	2004	2005	2006	2007
Number of acute clinical cases reported ¹	1,223	891	758	694	802	849
Estimated number of acute clinical cases ²	4,800	4,500	4,200	3,400	3,200	2,800
Estimated number of new infections ³	29,000	28,000	26,000	21,000	19,000	17,000
Percent ever infected	1.3%-1.9%					
Number of persons living with chronic infections ⁴	2.7-3.9 million persons					
Annual Number of Chronic Liver Disease Deaths associated with Viral Hepatitis ⁵	12,000					

CDC, MMWR, 2008.

Table 10.13 (NEW)

Hepatitis C, United States, 2005-2010 ¹						
	2010	2009	2008	2007	2006	2005
Number of Acute Clinical Cases Reported ^a	853	781	878	849	802	694
Estimated Number of Acute Clinical Cases ^b	2,800	2,600	2,900	2,800	3,200	3,400
Estimated Number of New Infections ^b (current)	17,000	16,000	18,000	17,000	19,000	21,000
Percent Ever Infected ^c	1.3% - 1.9%					
Number of Persons Living with Chronic Infection ^d	2.7–3.9 million persons					
Annual Number of Chronic Liver Disease Deaths associated with Viral Hepatitis ^e	12,000					

¹Source: Centers for Disease Control and Prevention (CDC), Viral Hepatitis Statistics & Surveillance

^aNumber of Acute Clinical Cases Reported: The number of cases reported to the National Notifiable Disease Surveillance System (NNDSS).

^bEstimated Number of Acute Clinical Cases and New Infections: Incidence estimates for Hepatitis C are derived by adjusting rates from the Sentinel Counties Study of Viral Hepatitis (1982–2006) and Emerging Infection Program (2007) for underreporting and asymptomatic infection.

^cPercent Ever Infected:

Seroprevalence estimates for HCV come from the National Health and Nutrition Examination Survey. Armstrong GL et al. The prevalence of Hepatitis C virus infection in the United States, 1999 through 2002. Ann Int Med 2006;144:705-14.

^dNumber of Persons Living with Chronic Infection: Armstrong GL et al. The prevalence of Hepatitis C virus infection in the United States, 1999 through 2002. Ann Int Med 2006;144:705-14.

^eAnnual Number of Chronic Liver Disease Deaths associated with Viral Hepatitis: Wise M et al. Changing trends in Hepatitis C-related mortality in the United States, 1995–2004. Hepatology 2008;47:1–8.

Category 11 – Sentinel Events

Table 11.0 (OLD)

Vaccine Preventable Disease Rates (1997-2001)										
Disease	1997		1998		1999		2000		2001	
	Arizona	Navajo County								
Measles	0.1%	0.0%	0.2%	0.0%	<0.1%	0.0%	0.0%	0.0%	<0.1%	0.0%
Mumps	0.7%	0.0%	0.1%	0.0%	<0.1%	0.0%	0.1%	0.0%	<0.1%	0.0%
Rubella	0.1%	0.0%	<0.1%	0.0%	0.3%	0.0%	<0.1%	0.0%	0.0%	0.0%
Pertussis	1.0%	3.5%	5.1%	0.0%	1.5%	0.0%	2.1%	0.0%	7.2%	1.0%

University of Arizona, Rural Health Office
 Arizona Department of Health Services, Arizona Health and Vital Statistics (5F-2), 1997-2001
 (Vaccine Preventable Diseases)

Table 11.0 Vaccine Preventable Diseases, Arizona and Navajo County, 2009-2010 (NEW)

Vaccine Preventable Diseases, Arizona and Navajo County, 2009-2010 ^{1,2,3}								
Vaccine Preventable Disease	2009				2010			
	Navajo County		Arizona		Navajo County		Arizona	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Measles	0	0.0	0	0.0	0	0.0	1	0.0
Mumps	0	0.0	10	0.2	0	0.0	5	0.1
Pertussis	3	2.6	277	4.2	5	4.7	406	6.4
Pertussis confirmed cases	1	0.9	79	1.2	0	0.0	76	1.2
Rubella	0	0.0	0	0.0	0	0.0	1	0.0
Congenital Rubella Syndrome	0	0.0	0	0.0	0	0.0	0	0.0
<i>Haemophilus influenzae</i> type b (invasive, age < 5 years)	0	0.0	1	0.2	0	0.0	2	0.4

¹Source: Arizona Department of Health Services, NUMBER OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2009-2010

²Source: Arizona Department of Health Services, RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2009-2010

³Notes: Non-resident cases have been excluded. Only incident cases are reported. Cases are counted by date reported to public health. Case counts include both probable and confirmed cases unless otherwise indicated. Rates are per 100,000 Arizona residents.

Table 11.2 Deaths Due to Selected Cancers, Navajo County, Arizona and the US, 2005-2009 (NEW)

Deaths Due to Selected Cancers, Navajo County, Arizona and the US, 2005-2009 ¹						
Cancer	Region	Met Healthy People Objective? ²	Annual Death Rate ^{3,4}	Average Deaths per Year ⁴	Recent Trend ^{4,5}	Recent Annual Percent Change in Death Rate ^{4,5}
Breast (Female)	Navajo County	No	23.4 (18.0, 30.0)	13	stable	-0.4 (-1.9, 1.2)
	Arizona	Yes	20.5 (19.8, 21.2)	723	falling	-2.2 (-2.6, -1.8)
	US	No	23.0 (22.9, 23.1)	40,760	falling	-1.9 (-2.1, -1.8)
Cervix	Navajo County	*	*	3 or fewer	**	**
	Arizona	Yes	1.9 (1.7, 2.1)	62	falling	-2.6 (-3.1, -2.1)
	US	No	2.4 (2.4, 2.4)	3,968	falling	
Colon and Rectum	Navajo County	No	14.1 (11.0, 17.7)	15	stable	-0.4 (-1.6, 0.9)
	Arizona	No	14.0 (13.6, 14.4)	922	falling	-4.5 (-6.2, -2.8)
	US	No	16.7 (16.6, 16.8)	52,825	falling	-2.4 (-3.1, -1.7)
Lung and Bronchus	Navajo County	Yes	31.5 (26.8, 36.9)	32	stable	0.1 (-0.8, 1.1)
	Arizona	Yes	40.8 (40.2, 41.5)	2,680	falling	-1.9 (-2.2, -1.6)
	US	No	50.6 (50.5, 50.7)	158,634	falling	-2.2 (-2.6, -1.7)
Prostate	Navajo County	Yes	28.0 (21.1, 36.3)	12	stable	-0.1 (-1.4, 1.3)
	Arizona	Yes	19.7 (19.0, 20.5)	558	falling	-4.0 (-4.5, -3.5)
	US	Yes	23.6 (23.5, 23.7)	28,586	falling	-3.2 (-3.8, -2.6)

¹Source: National Cancer Institute, State Cancer Profiles. Death data provided by the National Vital Statistics System public use data file. Death rates calculated by the National Cancer Institute using SEER*Stat. Death rates are age-adjusted to the 2000 US standard population (19 age groups: <1, 1–4, 5–9, ... , 80–84, 85+). The Healthy People 2010 goals are based on rates adjusted using different methods but the differences should be minimal. Population counts for denominators are based on Census populations as modified by NCI. The 1969-2009 US Population Data File is used with mortality data.

²Healthy People 2010 Objectives provided by the Centers for Disease Control and Prevention (<http://www.healthypeople.gov/2020/default.aspx>).

³Deaths per 100,000 (95% confidence interval)

⁴For 2005-2009

⁵The Average Annual Percent Change (AAPC) is based on the APCs calculated by Joinpoint Regression Program. Due to data availability issues, the time period used in the calculation of the joinpoint regression model may differ for selected racial groups or counties. Trend: Rising when 95% confidence interval of average annual percent change is above 0; Stable when 95% confidence interval of average annual percent change includes 0; Falling when 95% confidence interval of average annual percent change is below 0.

*Data has been suppressed to ensure confidentiality and stability of rate estimates.

**Data are too sparse to provide stable estimates of annual rates needed to calculate trend.

Table 11.3 Incidence of Selected Cancers, Navajo County, Arizona and the US, 2005-2009 (NEW)

Incidence of Selected Cancers, Navajo County, Arizona and the US, 2005-2009 ¹			
Cancer	Region	Annual Incidence Rate ^{2,3}	Average Annual Count ^{2,4}
Breast (Female)	Navajo County	80.5 (70.3, 91.7)	47
	Arizona	106.7 (105.2, 108.3)	3,622
	US	122.0 (121.8, 122.2)	-----
Cervix	Navajo County	*	3 or fewer
	Arizona	7.0 (6.6, 7.5)	218
	US	8.0 (8.0, 8.1)	-----
Colon and Rectum	Navajo County	27.2 (22.9, 32.0)	30
	Arizona	36.5 (35.9, 37.2)	2,384
	US	46.2 (46.1, 46.3)	-----
Lung and Bronchus	Navajo County	39.6 (34.3, 45.4)	42
	Arizona	54.6 (53.8, 55.4)	3,573
	US	67.2 (67.1, 67.4)	-----
Prostate	Navajo County	94.4 (82.8, 107.2)	50
	Arizona	118.1 (116.4, 119.8)	3,647
	US	151.4 (151.1, 151.7)	-----

¹Source: National Cancer Institute, State Cancer Profiles.

²For 2005-2009

³Incidence rates (cases per 100,000 population per year) are age-adjusted to the 2000 US standard population (19 age groups: <1, 1-4, 5-9, ... , 80-84, 85+). Rates are for invasive cancer only unless otherwise specified. Rates calculated using SEER*Stat. Population counts for denominators are based on Census populations as modified by NCI. The 1969-2009 US Population Data File is used for SEER and NPCR incidence rates.

⁴Because of the impact on Louisiana's population for the July - December 2005 time period due to Hurricanes Katrina/Rita, SEER excluded Louisiana cases diagnosed for that six month time period. The count has been suppressed due to data consistency issues.

*Data has been suppressed to ensure confidentiality and stability of rate estimates.

**Data are too sparse to provide stable estimates of annual rates needed to calculate trend.

Appendix

List of tables that were researched but not updated:

Category	Table number(s)	Reason table not updated:
Licensed dentists	3.2-3.5	Original source report not updated
Health care workers Navajo Nation	3.6-3.8	Original source report not updated
Hospital Beds	3.9	Low response rate from phone calls (2/5)
Water access	4.5-4.6	No updated data, data source not publically available
Alcohol use table	5.5	Statistical analysis needed
Exercise/diet table	5.9, 5.13	Statistical analysis needed, original source report not updated
Mental health	7.0	Statistical analysis needed
Oral cancer table	9.8	Report not updated
Pneumonia/flu	10.1, 10.3-10.5	Statistical analysis needed
Hep B & C	10.12, 10.14-10.16	Statistical analysis needed, original source tables have not been updated