

ARIZONA DEPARTMENT OF HEALTH SERVICES
Border Region Health Profile
 Office of Border Health

SELECTED INDICATORS
 2010

Population¹

County	Total Population			Less than 15 years			65 years and over		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cochise	131,346	51.0%	49.0%	24,907	51.2%	48.8%	22,688	47.9%	52.1%
Pima	980,263	49.1%	50.9%	186,423	51.1%	48.9%	151,293	44.7%	55.3%
Santa Cruz	47,420	47.6%	52.4%	11,827	51.0%	49.0%	6,224	45.1%	54.9%
Yuma	195,751	50.1%	49.9%	45,329	50.6%	49.4%	30,646	48.3%	51.7%
Border Total	1,354,780	49.4%	50.6%	268,486	51.1%	48.9%	210,851	45.6%	54.4%
Arizona	6,392,017	49.7%	50.3%	1,358,059	51.0%	49.0%	881,831	45.6%	54.4%

County	Total	Less than 1 year old	1-14 years	15-44 years	45-64 years	65 years and older
Cochise	131,346	1.4%	17.6%	37.0%	26.7%	17.3%
Pima	980,263	1.2%	17.8%	39.6%	25.9%	15.4%
Santa Cruz	47,420	1.5%	23.5%	36.5%	25.4%	13.1%
Yuma	195,751	1.6%	21.5%	39.9%	21.3%	15.7%
Border Total	1,354,780	1.3%	18.5%	39.3%	25.3%	15.6%
Arizona	6,392,017	1.4%	19.9%	40.4%	24.5%	13.8%

Population growth

County	Birth Rate ² per 1,000	Fertility Rate ³ per 1,000	Mortality Rate ⁴ per 1,000	Rates of Natural Increase ⁵
Cochise	13.6	79.4	9.3	4.3
Pima	12.4	63.3	8.3	4.1
Santa Cruz	14.6	75.6	5.5	9.1
Yuma	16.5	85.3	6.5	10.0
Arizona	13.6	68.9	7.2	6.4

Data Sources: ¹⁻⁵Arizona Department of Health Services, Arizona Health Status and Vital Statistics 2010 Report
¹Table 10A-1; ²Table 5B-2; ³Table 5A-1; ⁴Table 5E-4; ⁵Table 5B-1

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Natality

County	Births ⁶	Mothers <15 years ⁶	Mothers 15-17 years ⁶	Unmarried Mothers ⁷	Low Birth Weight ⁸	Prenatal Care Began in 3rd Trimester or No Care ⁹
Cochise	1,781	0	62	658	142	108
Pima	12,169	15	409	5,473	853	747
Santa Cruz	693	0	55	346	58	73
Yuma	3,229	5	166	1,451	204	481
Border Total	17,872	20	692	7,928	1,257	1,409
Arizona	87,053	105	2,910	38,871	6,155	4,194

Infant/ Childhood/ Adolescents Mortality*

	Infant Deaths ¹⁰	Childhood Deaths (1-14 years) ¹¹	Adolescent Deaths (15-19 years) ¹²	Total
Cochise	15	5	1	21
Pima	74	38	33	145
Santa Cruz	11	0	0	11
Yuma	20	7	4	31
Border Total	120	50	38	208
Arizona	519	240	220	979

Total Injury Deaths¹³

All Ages	Motor Vehicle Crashes	Suicide
Cochise	19	30
Pima	104	174
Santa Cruz	8	4
Yuma	13	15
Border Total	144	223
Arizona	711	1,070

Data Sources: ⁶⁻¹³Arizona Department of Health Services, Health Status and Vital Statistics 2010 Report
⁶Table 5B-9; ⁷Table 5B-14; ⁸Table 5B-16; ⁹Table 5B-11; ¹⁰Table 5E-16; ¹¹Table 5e-25; ¹²Table 5E-27; ¹³Table 5E-12
 *All Causes

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Common Morbidities

Infectious Diseases¹⁴

Morbidity	Border Total	Cochise	Pima	Santa Cruz	Yuma	Arizona
Chlamydia	5,477	398	4,122	141	816	24,642
Coccidioidomycosis	1,432	47	1,353	13	19	11,246
Gonorrhea	536	28	437	5	66	2,998
Genital Herpes	320	26	235	3	56	1,701
Salmonellosis	267	25	204	14	24	913
Campylobacteriosis	218	32	140	18	28	937
Invasive MRSA (Methicillin Resistant S. aureus)	216	21	184	5	6	1,125
Syphilis-Total	196	9	164	1	22	865
Invasive Streptococcus pneumoniae	180	17	145	4	14	759
Shigellosis	112	8	67	10	27	435
Total TB	45	2	19	1	23	282
Aseptic Meningitis	34	6	27	0	1	578

Behavioral Risk Factors taken from the Behavioral Risk Factor Surveillance System (BRFSS)¹⁵

Prevalence	Cochise	Pima	Santa Cruz	Yuma	Arizona
Told had diabetes by a doctor*	8.9%	9.9%	12.8%	13.5% [§]	9.1%
Obese (BMI greater than or equal to 30.0)	22.7%	27.6%	22.8%	34.9% [§]	25.2%
Told had a heart attack by a doctor*	3.8%	4.1%	1.8%	9.3%	4.6%
Told had high blood pressure by a doctor*	N/A**	N/A	N/A	N/A	N/A
Current smokers	18.3%	14.9%	19.9%	12.1%	15.0%

The Behavioral Risk Factor Surveillance System (BRFSS) is a yearly state based telephone survey that is performed throughout the United States. The BRFSS survey relies on sample of telephone interviews to non-institutionalized populations from the state and therefore certain segments of the population may be underrepresented. The nature of self-reported data from BRFSS is subject to recall bias, and may be over-reported or under-reported. The collected data were compiled and weighted by the Centers for Disease Control and Prevention. Weighted counts were based on the Arizona population to accurately reflect the population demographics. The weighting factor considered the number of adults and telephone lines in the household, cluster size, stratum size, and age/race/sex/distribution of the general population.¹⁵

Data Sources: ¹⁴[Arizona Department of Health Services, Health Status and Vital Statistics 2010 Report, Table 5F-1](#)

¹⁵[Arizona Department of Health Services, Arizona Behavioral Risk Factor Survey: Annual Reports 2010](#)

* Based on the nature of this survey, all diagnoses are self-reported and limited to the person's belief that they were told they had any of these diagnoses by a doctor.

§Significantly higher than AZ percentage- Comparisons between responses within demographic categories were analyzed for statistical significance at the alpha = .05 level. Statistical difference is noted when analysis provides 95 percent confidence that the categories described are different.

** Data not available from the 2010 BRFSS Questionnaire

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Cancer¹⁶

Type of Cancer	Border Total	Cochise	Pima	Santa Cruz	Yuma	Arizona
Lung Cancer*	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>
Breast Cancer	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>
Prostate Cancer	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>
Colorectal Cancer	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>
Cervical Cancer**	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>
Stomach Cancer	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>	<i>pending</i>

Leading Causes of Death¹⁷

	Border Total	Cochise	Pima	Santa Cruz	Yuma	Arizona
1 Malignant Neoplasms	2,476	269	1,857	58	292	10,423
<i>Trachea, Bronchus, Lung</i>	<i>576</i>	<i>68</i>	<i>430</i>	<i>8</i>	<i>70</i>	<i>2,655</i>
<i>Colon, Rectum, Anus</i>	<i>228</i>	<i>18</i>	<i>181</i>	<i>4</i>	<i>25</i>	<i>952</i>
<i>Breast</i>	<i>161</i>	<i>17</i>	<i>123</i>	<i>8</i>	<i>13</i>	<i>732</i>
<i>Prostate</i>	<i>147</i>	<i>12</i>	<i>113</i>	<i>3</i>	<i>19</i>	<i>549</i>
2 Diseases of the Heart	2,364	316	1,716	47	285	9,719
<i>Ischemic Heart Disease</i>	<i>1,522</i>	<i>239</i>	<i>1,078</i>	<i>24</i>	<i>211</i>	<i>7,043</i>
3 Chronic Lower Respiratory Diseases	735	76	527	13	119	2,892
4 Accidents	584	62	445	16	61	2,834
<i>Motor Vehicle</i>	<i>144</i>	<i>19</i>	<i>104</i>	<i>8</i>	<i>13</i>	<i>711</i>
5 Cerebrovascular Disease	540	68	405	17	50	2,051
6 Diabetes	349	28	236	20	65	1,372
7 Alzheimer's Disease	299	33	235	10	21	2,314
8 Influenza and Pneumonia	239	16	184	6	33	729
9 Suicide	223	30	174	4	15	1,070
10 Chronic Liver Disease and Cirrhosis	213	21	157	5	30	843

Data Sources: ¹⁶Arizona Department of Health Services, Arizona Cancer Registry Queries accessed through <http://healthdata.az.gov/query/module/AzCR/AzCRCntyICD02/count.html>

*Lung and Bronchus Cancer

**Corpus Uteri, Uterus, NOS, and Cervix Uteri cancer; ovarian cancer excluded

¹⁷Arizona Department of Health Services, Health Status and Vital Statistics 2010 Report, Table 5E-12