

**COCHISE COUNTY COMMUNITY HEALTH  
ASSESSMENT 2016-2017  
APPENDIX A**

Category	Measure	Measure Description	Data Element	Cochise			Arizona			US	Year	Source
				Value	95% CI Low	95% CI High	Value	95% CI Low	95% CI High	Value		
Built Environment	Healthy Food Outlets	Percent of zip codes in a county with a healthy food outlet	percentage	43.80%							2009	Zip Code Business Patterns (Census)
Built Environment	Fast food restaurants	No. of fast food restaurants per 1,000 population	Number	0.47							2012	USDA Food Atlas
Built Environment	Full service restaurants	No. of full service restaurants per 1,000 population	Number	0.74							2012	USDA Food Atlas
Built Environment	Limited Access to Healthy Foods	Limited Access to Healthy Foods is the percentage of the population who are low income and do not live close to a grocery store. In rural areas, it means living less than 10 miles from a grocery store; in nonrural areas, less than 1 mile. Low income is defined as having an annual family income of less than or equal to 200 percent of the federal poverty threshold for the family size.	percentage	12%			7%				2010	USDA Food Atlas
Built Environment	Children with Low Access to Healthy Foods	Children under 18 in a low income household and living far from a healthy food outlet	percentage	8.67%							2010	USDA Food Atlas
Built Environment	Seniors with Low Access to Healthy Foods	Adults over 65 in a low income household and living far from a healthy food outlet	percentage	7.69%							2010	USDA Food Atlas
Income	SNAP eligibility	SNAP participants as % of population	percentage	16%							2014	USDA Food Atlas
Income	National School Lunch Program	National school lunch program participants as % of population	percentage	10%							2014	USDA Food Atlas
Income	SNAP participants	% of SNAP participants among eligibles	percentage	76%							2010	USDA Food Atlas
Income	WIC	WIC participants as % of population	percentage	3%							2014	USDA Food Atlas
Income	Children Eligible for Free Lunch	Percentage of students eligible for free lunch based on household income	percentage	43%							2010	USDA Food Atlas
Income	Reduced Lunch Costs	Students eligible for reduced-price lunch	percentage	7%							2010	USDA Food Atlas
Violence	Violent crime	Number of reported violent crime offenses per 100,000 population	Rate per 100,000	608			416			392	2010-2012	Uniform Crime Reporting - FBI

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Income	Poverty Rate	All Ages in Poverty	percentage	19%	16%	21%	18%	18%	19%	16%	2014	SAIPE
Income	Children in poverty	Percentage of children under age 18 in poverty	percentage	28%	22%	33%	26%	25%	26%	22%	2014	SAIPE
Insurance	Uninsured	Percentage of population under age 65 without health insurance	percentage	14.2%	13%	15%	16%	16%	16%		2014	SAHIE
Insurance	Uninsured Children	Percentage of uninsured children under 19 years	percentage	11%	9%	13%	11%	10%	11%		2014	SAHIE
Physical Environment	Ozone Days	The number of days per year that air quality in a county was over the National Ambient Air Quality	Days	1							2011	PHASE (CDC, EPA, CDC/NCEH, CDC and EPA)
Birth Outcomes	Preterm Births	Percent of infants born before 37 completed weeks of gestation over number of live births	percentage	8%	7%	10%	9%	9%	9%	10%	2014	NVSS-N
Substance Use	Drug Poisoning Deaths	Rate of Drug Poisoning per 100,000 (ICD-10 codes X40-X44, X60-X64, X85, Y10-Y14)	Rate per 100,000	16.5	10.2	25.2	18	17	19	14.8	2014	NVSS-M (CDC/NCHS)
Diabetes	Diabetes Deaths	Rate of persons (Per 100,000) with diabetes (ICD-10 codes E10-E14) as the underlying cause of death	Rate per 100,000	29.8	21.1	40.9	28.8	27.5	30	24	2014	NVSS-M
Injury	Motor Vehicle Traffic Deaths	Number of motor vehicle traffic-related deaths per 100,000 [ICD-10 codes V02-V04 (.1, .9), V09.2, V12-V14 (.3-.9), V19 (.4-.6), V20-V28 (.3-.9), V29-V79 (.4-.9), V80 (.3-.5), V81.1, V82.1, V83-V86 (.0-.3), V87 (.0-.8), V89.2]	Rate per 100,000	12.1	8.9	16.1	12.1	11.6	12.6	10.8	2012-2014	NVSS-M
Mortality	Unintentional Fall deaths	Number of unintentional deaths from falls (ICD-10 codes W00-W19)	Rate per 100,000	18.8	12.1	28	14.3	13.4	15.2	10	2014	NVSS-M
Mortality	Kidney Disease Deaths	Rate of Kidney disease ( Nephritis, nephrotic syndrome, and nephrosis) deaths per 100,000	Rate per 100,000	18.8	12.1	28	4.8	4.3	5.4	15.1	2014	NVSS-M
Mortality	Stroke Deaths	Number of stroke deaths (ICD-10 codes I60-I69) per 100,000 persons	Rate per 100,000	43.9	33.2	57.1	33.2	31.8	34.6	41.7	2014	NVSS-M
Violence	Homicide Deaths	Mortality rate due to homicide (ICD-10 codes *U01-*U02, X85-Y09, Y87.1)	Rate per 100,000	5.5	3.9	7.6	5.9	5.6	6.1	5.2	2010-2014	NVSS-M
Birth Outcomes	Low Birthweight	Percentage of live births with low birthweight (< 2500 grams)	% Low Birthweight Births	8%	7%	9%	7%	7%	7%	7%	2014	NCHS-N

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Birth Outcomes	Teen births	Teen birth rate per 1,000 female population, ages 15-19	Teen Birth Rate	49	46	51	45			35	2014	NCHS-N
Mortality	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted)	Years of Potential Life Lost Rate	7,158.50	6,634.60	7,682.30	6,800.00	6,680.90	6,824.10	6,600.00	2011-2013	NCHS-M
Communicable Disease	Chlamydia Incidence	Diagnosed chlamydia cases per 100,000 population	Rate per 100,000	389.3			488.9			456.1	2014	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention
Communicable Disease	Gonorrhea Incidence	Diagnosed gonorrhea cases per 100,000 population	Rate per 100,000	52.5			117.0			110.7	2014	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention
Clinical Care	Primary Care physician shortage	No. of full-time equivalent (FTE) practitioners needed to achieve population to practitioner target ration as per Health Professional Shortage Area (HPSA) designation	number	3.4							2016	HRSA (Data last updated on 1/4/2016)
Clinical Care	Mental Health physician shortage	No. of full-time equivalent (FTE) practitioners needed to achieve population to practitioner target ration as per Health Professional Shortage Area (HPSA) designation	number	4.5							2016	HRSA (Data last updated on 1/4/2016)
Clinical Care	Dental Health physician shortage	No. of full-time equivalent (FTE) practitioners needed to achieve population to practitioner target ration as per Health Professional Shortage Area (HPSA) designation	number	6.0							2016	HRSA (Data last updated on 1/4/2016)
Violence	Domestic Violence	Domestic Violence Arrests per 100 people	Rate per 100	0.76							2015	First Things First Cochise Regional Council Discussion Handout
Physical Environment	Air pollution - particulate matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	Average Daily PM2.5	9.5			10.1			11.4	2011	EPA/CDC

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Physical Environment	Drinking water violations	Annual average percentage of the population served by community water systems who receive drinking water that does not meet all applicable health-based drinking water standards	percentage	17%			2%			7%	FY2013-2014	EPA (CHR&R)
Physical Environment	Toxic Chemicals	The quantity of Toxic Release Inventory (TRI) chemicals that are disposed of, released to the environment, or managed (for example, treated, or recycled) by regulated facilities	pounds	410,949			70,121,662			#####	2013	EPA
Education	High school graduation	Percentage of ninth-grade cohort that graduates in four years	percentage	79%			75%			82%	2012-2013	EDFacts
Cancer	Mammography screening	Percentage of female Medicare enrollees ages 67-69 that receive mammography screening	percentage	55%	51%	59%	64%	63%	64%	63%	2013	Dartmouth Atlas of Health Care
Clinical Care	Preventable hospital stays	Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	Rate per 1,000 Medicare Beneficiaries	54	50	58	40	40	41	54	2013	Dartmouth Atlas of Health Care
Diabetes	Diabetic monitoring	Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	percentage	77%	73%	81%	80%	79%	80%	85%	2013	Dartmouth Atlas of Health Care
Health Care Costs	Medicare Reimbursement Costs	Total Medicare reimbursements per enrollee (price-adjusted)	dollars	\$8,303.34			\$8,976.52				2014	Dartmouth Atlas of Health Care
Built Environment	Food Environment Index	Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)	Index	6.3			6.8			7.2	2013	County Health Rankings
Built Environment	Access to exercise opportunities	Percentage of population with adequate access to locations for physical activity	percentage	73%			86%			84%	2014	County Health Rankings
Built Environment	Liquor Stores	Number of liquor stores per 10,000 people	Rate per 10,000 people	0.5			0.3			1	2013	County Business Patterns
Family & Social Support	Social associations	Number of membership associations per 10,000 population	Rate per 10,000	8.8			5.6			9	2013	County Business Patterns

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Housing	Severe housing problems	Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities	percentage	15%	14%	17%	20%	20%	20%	19%	2008-2012	Comprehensive Housing Affordability Strategy
Clinical Care	Mental health providers (MHP)	Ratio of population to mental health providers	Ratio	890:1			800:1			490:1	2015	CMS, National Provider Identification file
Insurance	Medicare Enrollees	Number of enrollees in original Medicare (Hospital/Medical) as of July 2016	number	19,973			716,574			#####	2016	CMS
Demographic	% African American	Estimated percentage of African American population	percentage	5%			5%			13%	2015	Census Population Estimate Table PepSR6H
Demographic	% American Indian and Alaska Native	Estimated percentage of American Indian and Alaska Native population	percentage	2%			5%			1%	2015	Census Population Estimate Table PepSR6H
Demographic	% Asian	Estimated percentage of Asian population	percentage	2%			3%			6%	2015	Census Population Estimate Table PepSR6H
Demographic	% Native Hawaiian/Other Pacific Islander	Estimated percentage of Native Hawaiian/Other Pacific Islander population	percentage	0%			0%			0%	2015	Census Population Estimate Table PepSR6H
Demographic	% White	Estimated percentage of White population compared to total population	percentage	88%			83%			77%	2015	Census Population Estimate Table PepSR6H
Demographic	% below 18 years of age	Estimated percentage of population below 18 years of age	percentage	22%			24%			23%	2015	Census Population Estimate Table PepAgeSex
Communicable Disease	Shigellosis	Number of shigellosis cases reported to public health departments	number	19			444			15283	2012	CDC/PHSIPO - NNDSS
Mortality	Septicemia deaths	Number of deaths per 100,000 due to septicemia (ICD-10 codes A40-A41)	Rate per 100,000	16.5	10.2	25.2	5.5	5	6.1	12.2	2014	CDC/NCHS
Communicable Disease	HIV Prevalence	Rate of recorded persons aged 13 and over living with HIV (per 100,000)	Rate per 100,000	133.9			237			349.5	2012	CDC/NCHHSTP
Cancer	Breast Cancer Deaths	Rate of female deaths due to breast cancer (ICD-10 code C50)	Rate per 100,000	26.8	20	35.2	23.8	22.8	24.7	25.6	2012-2014	CDC, Census
Cancer	Cancer Deaths	Rate of deaths due to cancer (ICD-10 codes C00-C97).	Rate per 100,000	230.7	204.3	257.1	170.2	167.1	173.3	185.6	2014	CDC, Census
Mortality	Injury deaths	Number of deaths due to injury per 100,000 population	Rate per 100,000	78.5	63.0	94.1	72.8	70.8	74.8	60	2014	CDC WONDER

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Mortality	Premature age-adjusted mortality	Death rate among those who died before age 75	Rate per 100,000	489.7	449.5	529.8	383.6	378.7	388.4	393.1	2014	CDC Wonder
Mortality	Child Mortality	Death rate among children aged 0-17	Rate per 100,000	52.7	38.6	70.3	51.5	49.5	53.5	50.3	2012-2014	CDC Wonder
Diabetes	Diagnosed Diabetes Incidence	Age Adjusted Rate of diabetes incidence per 1,000 adults aged 18-76 years	Rate per 1,000	7.8	6.2	9.8	7.8	5.9	10.4		2013	CDC Diabetes Interactive Atlas
Diabetes	Diabetes Prevalence	Percentage of adults who reported ever being told by a health professional that they had diabetes (age-adjusted)	percentage	10%	9%	12%	10%	8%	11%		2013	CDC Diabetes Interactive Atlas
Weight	Adult Obesity	Percentage of adults that report a BMI of 30 or more	percentage	26%	23.2%	28.8%					2013	CDC Diabetes Interactive Atlas
Weight	Physical Inactivity	Percentage of adults aged 20 and over reporting no leisure-time physical activity	percentage	20.9%	18.8%	23.0%					2013	CDC Diabetes Interactive Atlas
Chronic Disease	Heart Failure Medicare Beneficiaries	Percent of Medicare fee-for-service beneficiaries who have heart failure	percentage	10.32%			10.06%			14.08%	2013	CCW (CMS)
Clinical Care	Acute Hospital Readmission	Number of acute hospitalizations followed by an acute hospital readmission within 30 days among Medicare fee-for-service beneficiaries	number	675			22420			1,656,930	2013	CCW (CMS)
Clinical Care	Acute Hospital Readmission (%)	Percent of acute hospitalizations followed by an acute hospital readmission within 30 days among Medicare fee-for-service beneficiaries	percentage	17%			16%			18%	2013	CCW (CMS)
Clinical Care	Ambulance Medicare Utilization (%)	Proportion of Medicare fee-for-service beneficiaries who had a covered ambulance service	percentage	0.11%			0.10%			0.11%	2013	CCW (CMS)
Clinical Care	Ambulatory Surgical Center Medicare Service Events	Rate of ambulatory surgery center service events among Medicare fee-for-service beneficiaries	Rate per 1,000	126			230			158	2013	CCW (CMS)
Clinical Care	Emergency Department Visit Rate	Rate of inpatient or hospital outpatient emergency department visits among Medicare fee-for-service beneficiaries	Rate per 1,000	526			527			646	2013	CCW (CMS)

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Clinical Care	FQHC and RHC visits	Federally Qualified Health Center and Rural Health Clinic Visits (per 1,000 beneficiaries)	Rate per 1,000	415			150			404	2013	CCW (CMS)
Clinical Care	Long term care hospital Medicare utilization (percent)	Percent of Medicare fee-for-service beneficiaries who had covered long-term care hospital services	percentage	0.22%			0.24%			0.34%	2013	CCW (CMS)
Health Care Costs	Medicare Costs	Total Medicare costs for Medicare fee-for-service beneficiaries	dollars	\$134,422,416			\$5,125,389,489				2013	CCW (CMS)
Health Care Costs	Home Health Medicare Costs	Actual home health costs of Medicare fee-for-service beneficiaries	dollars	\$2,464,843.31			\$152,112,927			#####	2013	CCW (CMS)
Mental Health	Depression Medicare Beneficiaries	Percentage of Medicare fee-for-service beneficiaries with depression	percentage	11.61%			11.83%			15.82%	2013	CCW (CMS)
Mental Health	Frequent Physical Distress	Percentage of adults reporting more than 14 days of poor physical health per month	percentage	13%	12%	13%	12%			12%	2014	BRFSS (CHR&R)
Mental Health	Frequent Mental Distress	Percentage of adults reporting more than 14 days of poor mental health per month	percentage	12%	12%	12%	12%			12%	2014	BRFSS (CHR&R)
Sleep	Insufficient Sleep	Percentage of adults who report fewer than 7 hours of sleep on average	percentage	33.00%	32%	34%	33%			35%	2014	BRFSS (CHR&R)
Alcohol Use	Excessive Drinking	Percentage of adults reporting binge or heavy drinking	percentage	15%	14%	15%	17%	15%	18%	17%	2014	BRFSS
Cancer	Colonoscopy/sigmoidoscopy	Percent of adults age 50+ that report ever having had a sigmoidoscopy or colonoscopy	percentage	67%			68%				2014	BRFSS
Cancer	Pap Test	Percent of adult women that report ever having had a pap test	percentage	91%			90%				2014	BRFSS
Communicable Disease	Flu Vaccination	Adults receiving the flu shot or spray in the past 12 months	percentage	31.76%			33.76%				2014	BRFSS
Income	Delayed Care Due to Cost	Respondents aged 18 years and over who needed to see a doctor but could not because of cost in the past 12 months	percentage	14%			16%				2014	BRFSS



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Mental Health	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted)	percentage	19%	19%	20%	19%	18%	20%	18%	2014	BRFSS
Mental Health	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted)	days of 30	4.1	4.0	4.2	3.9	3.7	4.1	3.8	2014	BRFSS
Mental Health	Poor mental health days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted)	days of 30	3.9	3.8	4.1	3.7	3.5	3.9	3.7	2014	BRFSS
Tobacco Use	Adult smoking	Percentage of adults who are current smokers	% smokers	16.0%	15.6%	16.4%	16.5%	15.4%	17.6%	17.0%	2014	BRFSS
Weight	Exercised in past 30 days	During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?	percentage	77.84%			78.90%				2014	BRFSS
Violence	Murder	Number of offenses	Number	3			279				2015	AZDPS
Violence	Rape	Number of offenses	Number	35			2731				2015	AZDPS
Violence	Robbery	Number of offenses	Number	24			6187				2015	AZDPS
Violence	Aggravated Assault	Number of offenses	Number	381			15364				2015	AZDPS
Violence	Burglary	Number of offenses	Number	252			36436				2015	AZDPS
Violence	Larceny-Theft	Number of offenses	Number	1808			147938				2015	AZDPS
Violence	Motor Vehicle Theft	Number of offenses	Number	90			16089				2015	AZDPS
Violence	Arson	Number of offenses	Number	18			1083				2015	AZDPS
Injury	Cost of Traffic Crashes	Total cost of fatalities, injuries, and property damage from traffic crashes	money	\$52,879,962			\$3,817,401,000				2015	AZ Department of Transportation
Injury	Number of Traffic Crashes	Number of crashes resulting in fatality, injury, and property damage	number	1,335			116,609				2015	AZ Department of Transportation
Injury	Alcohol Related Crashes	Total number of alcohol related crashes resulting in fatality, injury, and property damage	number	62			4,941				2015	AZ Department of Transportation
Family & Social Support	Child abuse	Number of child abuse reports received for the period Apr 1 2015 - Sep 1 2015	number	448			26455				2015	AZ courts Child Welfare Report
Insurance	Enrollment in Federally Facilitated Marketplace	Number of members enrolled in various insurance plans through the marketplace	number	2962			205,666				2015	AZ Center for Rural Health

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Insurance	AHCCCS Population	Number of Members enrolled in AHCCCS as of September 2016	number	39054			1,888,006				2016	AZ AHCCCS
Violence	Juvenile Arrests	Data include children aged 8-17 arrested (per 1,000) during the calendar year. Data do not include arrests made by tribal authorities of American Indian youth.	Rate per 1,000	28.7			31.9				2014	Arizona Uniform Crime Reporting Program
Alcohol Use	Teens who use alcohol	Percentage of 8th, 10th, and 12th grade students who drank alcohol during the last 30 days	percentage	28%			24%				2014	Arizona Health Matters
Birth Outcomes	Infants born to mothers with <12 years education	Percentage of infants born to mothers with less than 12 years of education	percentage	16%			20%			17%	2014	Arizona Health Matters
Cancer	All Cancer Incidence Rate	Age-adjusted incidence rate for all cancer sites in cases per 100,000 population	Rate per 100,000	353.7			386			448.4	2009-2013	Arizona Health Matters
Clinical Care	Age-Adjusted Hospitalization Rate due to Asthma	Average annual age-adjusted hospitalization rate due to asthma per 10,000 population	Rate per 10,000	7.6			8.6				2014	Arizona Health Matters
Communicable Disease	E.coli infection	Cases per 100,000 population	Rate per 100,000	1.5			2				2011	Arizona Health Matters
Communicable Disease	Salmonella Infection Incident Rates	Cases per 100,000 population	Rate per 100,000	25.5			15.6				2014	Arizona Health Matters
Diabetes	Diabetes (Medicare)	Percentage of Medicare beneficiaries who were treated for diabetes	percentage	21%			22%			27%	2014	Arizona Health Matters
Education	Student-to-teacher ratio	Average number of public school students per teacher	Ratio	20.7			21.4				2010-2011	Arizona Health Matters
Education	4th grader proficient in english/language arts	Percentage of fourth grade students who are proficient or above in English/Language Arts	percentage	39%			42%				2015	Arizona Health Matters
Education	4th grader proficient in math	Percentage of fourth grade students who are proficient or above in mathematics	percentage	38%			42%				2015	Arizona Health Matters
Education	4th grader proficient in reading	Percentage of fourth grade students who are proficient or above in reading	percentage	74%			76%				2014	Arizona Health Matters
Education	8th grader proficient in english/language arts	Percentage of 8th grade students who are proficient or above in English/Language Arts	percentage	33%			35%				2015	Arizona Health Matters

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Education	8th grader proficient in math	Percentage of 8th grade students who are proficient or above in mathematics	percentage	28%			34%				2015	Arizona Health Matters
Education	8th grader proficient in reading	Percentage of 8th grade students who are proficient or above in reading	percentage	69%			70%				2014	Arizona Health Matters
Employment	Unemployed workers	Civilians, 16 years of age and over, who are unemployed as a percent of the U.S. civilian labor force	percentage	7%			6%			5%	Jun-16	Arizona Health Matters
Family & Social Support	Voter turnout	Percentage of registered voters who voted in the last presidential election	percentage	62%			74%			62%	2012	Arizona Health Matters
Housing	Homeownership	Percentage of housing units that are occupied by homeowners	percentage	56%			53%			56%	2010-2014	Arizona Health Matters
Income	Child Food insecurity	Percentage of children (under 18 years of age) living in households that experienced food insecurity at some point during the year	percentage	27%			27%			21%	2014	Arizona Health Matters
Income	Food Insecurity	Percentage of the population that experienced food insecurity at some point during the year	percentage	16%			17%			15%	2014	Arizona Health Matters
Insurance	Insured Adults	Percentage of adults aged 18-64 years that have any type of health insurance coverage.	percentage	86%			82%			84%	2014	Arizona Health Matters
Insurance	Children with Health Insurance	Percentage of children ages 0-17 that have any type of health insurance coverage.	percentage	92%			90%			94%	2014	Arizona Health Matters
Mental Health	Depression Medicare Population	Percentage of Medicare beneficiaries who were treated for depression	percentage	11.90%			12.40%			16.20%	2014	Arizona Health Matters
Mental Health	Alzheimers disease/dementia	Percentage of Medicare beneficiaries who were treated for Alzheimer's disease or dementia	percentage	6.40%			7%			10%	2014	Arizona Health Matters
Mortality	Coronary heart disease deaths	Age-adjusted death rate per 100,000 population due to coronary heart diseases	Rate per 100,000	99.3			99.3			98.8	2014	Arizona Health Matters
Mortality	Life Expectancy for females	Total number of years a female person can be expected to live if current mortality rates continue	years	80.5			81.7			80.8	2010	Arizona Health Matters

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Mortality	Life Expectancy for males	Total number of years a male person can be expected to live if current mortality rates continue	years	75.4			76.8			76.1	2010	Arizona Health Matters
Substance Use	Teens who use marijuana	Percentage of teenagers enrolled in public school in the 8th, 10th, or 12th grades who used marijuana in the last 30 days	percentage	11.20%			13.60%				2014	Arizona Health Matters
Tobacco Use	Teens who have smoked	Percentage of teenagers enrolled in public school in the 8th, 10th, or 12th grades who have ever smoked cigarettes	percentage	29.90%			23.40%				2014	Arizona Health Matters
Transportation	Mean travel time to work	Average daily travel time to work in minutes for workers 16 years of age and older	minutes	18.9			24.7			25.7	2010-2014	Arizona Health Matters
Violence	Firearm Deaths	Age-adjusted death rate per 100,000 population due to firearms	Rate per 100,000	22.4			12.6			16	2014	Arizona Health Matters
Alcohol Use	Births to mothers who consumed alcohol during pregnancy	Number of mothers who reported consuming alcohol per 100 live births	Rate per 100	0.20			0.40				2013	Arizona Health and Vital Statistics
Birth Outcomes	Women receiving inadequate prenatal care	Women reporting 0 to 4 visits to a prenatal care provider during pregnancy in the calendar year	percentage	9%			5%				2013	Arizona Health and Vital Statistics
Tobacco Use	Births to mothers who smoked during pregnancy	No. of mothers who used tobacco during pregnancy per 100 births	Rate per 100 births	6.00			3.90				2014	Arizona Health and Vital Statistics
Education	Students grade 7-12 who dropped out of school	Percentage of dropouts in grades 7-12 as a percentage of school's total enrollment	Percentage	3%			4%				2015	Arizona Department of Education
Income	Children receiving TANF	Number of children receiving TANF benefits	number	454			18,234				2015	Arizona Department of Economic Security
Clinical Care	Dentists	Ratio of population to dentists	Ratio	2280:1			1720:1			1540:1	2014	Area Health Resource File/National Provider Identification file
Clinical Care	Primary care physicians	Ratio of population to primary care physicians	Ratio	2230:1			1510:1			1320:1	2013	Area Health Resource File/American Medical Association
Clinical Care	Short Stay Hospital Discharge	No. of discharges (excluding new born) from short stay hospitals	number	13362			637,060				2014	ADHS Table 7A-1

Category	Measure	Measure Description	Data Element	Cochise			Arizona			US	Year	Source
				Value	95% CI Low	95% CI High	Value	95% CI Low	95% CI High	Value		
Clinical Care	Short Stay Hospital Discharge due to Heart Disease	No. of discharges (excluding new born) due to heart diseases from short stay hospitals	number	1,501			52,756				2014	ADHS Table 7A-1
Alcohol Use	Morbidity from Alcohol Use	Morbidity from Alcohol Use per 100,000 Persons	Rate per 100,000	661.8	612.5	711.1	950.5				2013	ADHS
Birth Outcomes	AHCCCS Births	Births paid by AHCCCS per 1,000 Live Births	Rate per 1,000 births	500.9	466.2	535.7	539				2013	ADHS
Birth Outcomes	Births to Unmarried Mothers	Births to unmarried mothers per 1,000 Live Births	Rate per 1,000 births	403.3	372.1	434.4	451.4				2013	ADHS
Birth Outcomes	Late or No Prenatal Care	Late or No Prenatal Care per 1,000 Live Births	Rate per 1,000 births	90.2	75.4	104.9	50				2013	ADHS
Birth Outcomes	Fertility Rate	Live births per 1,000 females of childbearing age	Rate per 1,000 females	75.8			66.7				2014	ADHS
Birth Outcomes	Abortion Rate	Abortions per 1,000 females of childbearing age	Rate per 1,000	2.2			9.8				2014	ADHS
Birth Outcomes	Teen Pregnancy Rate	Pregnancies per 1,000 females in females 19 years and younger	Rate per 1,000 females aged 15-19	37.2			35.7				2014	ADHS
Chronic Disease	Heart Disease mortality	Mortality from Heart Disease per 100,000 person	Rate per 100,000	179.4	159	199.8	144.2				2013	ADHS
Chronic Disease	Chronic Lower Respiratory Disease mortality	Mortality from Chronic Lower Respiratory Disease per 100,000 person	Rate per 100,000	43.9	34	53.8	45.2				2013	ADHS
Chronic Disease	Morbidity from Chronic Diseases	Chronic disease morbidity per 100,000 Person	Rate per 100,000	5,920	5,772	6,067	4503.7				2013	ADHS
Chronic Disease	Morbidity from COPD	Morbidity from Chronic Obstructive Pulmonary Disease per 100,000 Person	Rate per 100,000	923.8	865.6	982.1	637.2				2013	ADHS
Clinical Care	Level 3 & 4 trauma centers	Number of level 3 & 4 trauma centers	number	4			29				2016	ADHS
Clinical Care	Trauma care	Proportion of trauma patients arriving in a trauma center within 1 hour of injury (golden hour)	percentage	41.40%			54.60%				2014	ADHS
Communicable Disease	Morbidity from Bacterial Pneumonia	Morbidity from Bacterial Pneumonia per 100,000 Person	Rate per 100,000	379.7	342.3	417	218.3				2013	ADHS
Communicable Disease	HIV & AIDS Prevalence	Prevalent Rate of HIV & AIDS per 100,000	Rate per 100,000	176.1			251.85				2014	ADHS
Communicable Disease	TB Cases	TB Case Rate per 100,000 population ( Population estimate based on 2014)	Rate per 100,000	1.5			2.9			3	2015	ADHS

Category	Measure	Measure Description	Data Element	Cochise			Arizona			US	Year	Source
				Value	95% CI Low	95% CI High	Value	95% CI Low	95% CI High	Value		
Communicable Disease	Communicable disease cases	Number of cases from all communicable diseases reported between 1/4/2015 to 1/2/2016	number	239			15966				2015	ADHS
Diabetes	Uncontrolled Diabetes	Morbidity per 100,000 persons	rate per 100,000 persons	45	32.1	57.8	20.1					ADHS
Immunization	4+ DTAP Immunization Rate	Immunization rate for Kindergarten children for 4+ DTAP	percentage	96%			94%				2015-2016	ADHS
Immunization	3+ Polio Immunization	Immunization rate for Kindergarten children for 3+ Polio	percentage	96%			95%				2015-2016	ADHS
Immunization	2+ MMR Immunization	Immunization rate for Kindergarten children for MMR	percentage	96%			94%				2015-2016	ADHS
Immunization	TDAP Immunization	6th grade Immunization coverage for TDAP	percentage	91%			90%				2015-2016	ADHS
Immunization	MMR Immunization	6th grade Immunization coverage for MMR	percentage	99%			97%				2015-2016	ADHS
Immunization	Hep A Immunization	Hep A Immunization Rate for Children 18-60 months of Age	percentage	73%			82%				2015-2016	ADHS
Injury	ED Visits	Number of ED visits for all diagnosis	number	50,374			2,129,345				2014	ADHS
Injury	Trauma Rate	Trauma Rate per 100,000 (only traumas from institutions participating in Arizona State Trauma Registry is included)	Rate	862			502				2012	ADHS
Injury	Reimbursement for trauma care	Total reimbursement for trauma care (based on data from institutions participating in Arizona State Trauma Registry)	dollars	\$4,104,068							2012	ADHS
Mortality	Infant Mortality	The number of infant deaths per 1,000 live births	Rate per 1,000 births	4.9			6.2				2014	ADHS
Mortality	Mortality	Deaths per 100,000 persons	Rate per 100,000	737.9	696.3	779.5	693.7				2013	ADHS
Mortality	Median Age at Death	Median Age at Death	Age	76			76				2013	ADHS
Income	Median Household Income	Median household income in past 12 months (2014 inflation adjusted dollars)	dollars	\$45,688			\$50,068		\$53,657		2014	ACS Table S1901

Category	Measure	Measure Description	Data Element	Cochise			Arizona			US	Year	Source
				Value	95% CI Low	95% CI High	Value	95% CI Low	95% CI High	Value		
Education	Some college	Percentage of some post secondary education or higher ages 25 and over	percentage	65%			62%			59%	2014	ACS Table S1501 2014 1-year estimate
Education	High school graduation	Percentage of high school graduate or higher ages 25 and over	percentage	87%			86%			87%	2014	ACS Table S1501
Transportation	Driving alone to work	Percentage of the workforce 16 years and over that drives alone to work	percentage	76.9%			76.9%			76.5%	2014	ACS Table S0801
Transportation	Long commute	Percent of workers 16 years and over travelling 30 minutes or more to work	percentage	20.1%			35.5%			36.9%	2014	ACS Table S0801
Demographic	% 65 and older	Population 65 years and over	percentage	20%			16%				2014	ACS Table S0101 2014 American Community Survey 1-Year Estimates
Demographic	% Females	Percentage of females in total population	percentage	49%			50%			51%	2014	ACS Table S0101 2014 American Community Survey 1-Year Estimates
Employment	Families where all parents are employed	Percent of children under 18 where both parents (in married couples) are employed and single parent (in single parent families) is employed	percentage	60%			61%			64%	2010-2014	ACS Table B23007 2010-2014 American Community Survey 5-Year Estimates
Demographic	Children who have difficulty speaking english	Children aged 5-17 years who speak English less than "well"	percentage	2%			1%			1%	2010-2014	ACS Table B16004 2010-2014 American Community Survey 5-Year Estimates
Education	Children ages 3 to 4 enrolled in school	Percentage of children aged 3 and 4 years who are enrolled in school	percentage	29%			37%			48%	2015	ACS Table B14003 2015 American Community Survey 1-Year Estimates
Family & Social Support	Children in single-parent households	Percentage of children under 18 years that live in a single parent household	percentage	36%			36%			34%	2014	ACS Table B09005
Demographic	Children who are foreign born	Foreign-born is defined as either a U.S. citizen by naturalization or not a citizen of the U.S.	percentage	1%			3%			3%	2015	ACS Table B05003 2015 American Community Survey 1-Year Estimates
Demographic	% Hispanic	Percentage of Hispanic or Latino population	percentage	33%			30%			17%	2014	ACS B03001 2014 American Community Survey 5-Year Estimates

Category	Measure	Measure Description	Data Element	Cochise			Arizona			US	Year	Source
				Value	95% CI Low	95% CI High	Value	95% CI Low	95% CI High	Value		
Demographic	Population	Total Population	Number	12744800%			673148400%				2014	ACS B01003 2014 American Community Survey 1-Year Estimates
Demographic	% Rural	Percentage of population living in a rural area	percentage	36%			10%				2010	ACS (CHR&R) Census
Income	Income inequality	Ratio of household income at the 80th percentile to income at the 20th percentile	Ratio	5.1			4.6			4.7	2010-2014	ACS
Income	Gini Coefficient	Household income inequality indicator - The area between the Lorenz curve and the line of equality over the area below the line of equality	Index	46	44.4	47.7	46.3	46.1	46.5	47.7	2011-2013	ACS
Education	High Risk Students	Percentage of 8th grade students who have 8 or more risk factors	percentage	35.1			24.9				2014	2014 AZ Youth Survey
Family & Social Support	Neighborhood Attachment	Percentage of Grade 8 students at risk for low neighborhood attachment	percentage	42.5			37.6				2014	2014 AZ Youth Survey



## GSA-3 Data

Measure	Data Element	GSA-3 value	State value	Year	Source
SMI Enrollment	patient	1009	41876	2015	SMI Behavioral Health Report
SMI Per Capital Cost	patient	\$11,814.57	\$9,737.97	2015	SMI Behavioral Health Report
Inpatient service provider	provider	1	122	2015	Provider Network Development and Management Plan
Level I Residential Facility	provider	0	12	2015	Provider Network Development and Management Plan
Behavioral Health Residential Facility	provider	4	298	2015	Provider Network Development and Management Plan
Behavioral Health Outpatient Facility	provider	31	618	2015	Provider Network Development and Management Plan
Pharmacy	provider	32	1237	2015	Provider Network Development and Management Plan
Total # Single Case Agreements	patient	125	1178	2015	Provider Network Development and Management Plan
Access to Care 23 day Performance Rate - child	provider	96.90%	90.50%	2013	Provider Network Development and Management Plan
Access to Care 23 day Performance Rate -adult	provider	94.20%	91.30%	2013	Provider Network Development and Management Plan
Number of Substance Abuse Clients	patient	2067	52821	2015	Substance Abuse Treatment Programs

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Hospital data									
Measure	Measure Description	Data Element	Benson hospital	Cochise regional hospital	Copper Queen community hospital	Northern Cochise community hospital	Sierra Vista Regional center	Year	Source
Designation	Type of hospital	Descriptive	Critical Access	Critical Access	Critical Access	Critical Access	General Acute Care	2013	AZ AHCCCS
Urban/Rural	Designation as urban or rural hospital	Descriptive	Rural	Rural	Rural	Rural	Rural	2013	AZ AHCCCS
Available Beds	No. of beds available for inpatients	# Beds	19	12	14	24	88	2013	AZ AHCCCS
Occupancy rate	Percentage of licensed beds which were occupied	% occupancy	19.44%	9.68%	32.17%	28.98%	34.63%	2013	AZ AHCCCS
Occupancy rate by Medicaid patients	Percentage of occupied beds by Medicaid recipients	% Medicaid occupancy	12.17%	39.86%	14.66%	10.67%	18.89%	2013	AZ AHCCCS
Uncompensated Care Cost	Sum of bad debt and charity care as a percentage of total expenses	% uncompenstate care	7.21%	6.89%	5.29%	6.88%	4.01%	2013	AZ AHCCCS
AHCCCS payments	Total of inpatient payments, outpatient payments, and supplemental payments (addtl reimbursement above Medicaid standard rate) by AHCCCS	\$ AHCCCS payment	\$1,447,549	\$ 1,839,026	\$ 2,503,330	\$ 1,909,064	\$ 5,855,872	2013	AZ AHCCCS
Billed Charges	Billed Charges for patient services	\$ billed	\$ 21,089,320	\$ 22,776,393	\$ 60,191,521	\$ 39,801,617	\$ 219,783,668	2013	AZ AHCCCS
Net Revenue Patient Services	Different between patient care billed charges and contractual adjustemnts	\$ Net Revenue	\$ 10,459,808	\$ 6,699,870	\$ 22,347,091	\$ 15,265,645	\$ 68,949,673	2013	AZ AHCCCS
Net Operating Profit	Operating Revenue minus Operating expenses	\$ Net Profit	\$ (396,957)	\$ (2,008,141)	\$ 1,799,516	\$ (304,243)	\$ (4,496,928)	2013	AZ AHCCCS
Net Operating Margin	Profit/Loss of operating revenue from patient services as a percentage of operating revenue	% Net Margin	-3.19%	-28.66%	8.03%	-1.72%	-6.42%	2013	AZ AHCCCS
Cost to Charge ratio	Total expenses exclusive of bad debt divided by sum of gross patient revenue and other operating revenue	Cost to charge ratio	55.68%	39.05%	34.21%	42.64%	33.73%	2013	AZ AHCCCS

Primary care area data									
Measure	Benson	Wilcox & Bowie	Douglas & Pirtleville	Bisbee	Sierra Vista	Cochise county	Arizona	Year	Source
Travel time to next nearest provider	<= 20	21-30	21-30	<= 20	<= 20			2015	ADHS Primary Care Area Statistical Profiles
Travel time to 2nd nearest provider	21-30	31-40	31-40	21-30	21-30			2015	ADHS Primary Care Area Statistical Profiles
Population	12,202	12,071	24,771	21,996	58,072	129,112	6,758,251	2015	ADHS Primary Care Area Statistical Profiles
Population Density	13.2	5.9	13	35.7	80.8	20.8	59.3	2015	ADHS Primary Care Area Statistical Profiles
Uninsured Births	2.9%	5.9%	5.1%	2.9%	1.7%	3.1%	3.5%	2015	ADHS Primary Care Area Statistical Profiles
Hospital beds	1.8	2	0	0.6	1.7	1.2	1.9	2015	ADHS Primary Care Area Statistical Profiles
Skilled nursing facilities	1	1	1	0	2	5	160	2015	ADHS Primary Care Area Statistical Profiles
Inpatient days	93	125	72	92	103	96	93	2015	ADHS Primary Care Area Statistical Profiles
Leading Diagnosis	PNEUMONIA, ORGANISM NOS	PNEUMONIA, ORGANISM NOS	PNEUMONIA, ORGANISM NOS	SEPTICEMIA	SEPTICEMIA			2015	ADHS Primary Care Area Statistical Profiles
Leading cause of death for infants	Bacterial sepsis of newborn	Disorders related to short gestation and low birth weight	Disorders related to short gestation and low birth weight	Disorders related to short gestation and low birth weight	Other Ill-defined & unspecified causes of mortality			2015	ADHS Primary Care Area Statistical Profiles

Primary care area data									
Measure	Benson	Wilcox & Bowie	Douglas & Pirtleville	Bisbee	Sierra Vista	Cochise county	Arizona	Year	Source
Leading cause of death for young adult (20-44)	Motor- or nonmotor-vehicle accident	Cardiomyopathy	Motor- or nonmotor-vehicle accident	Motor- or nonmotor-vehicle accident	Intentional self-harm by other and unspecified firearms			2015	ADHS Primary Care Area Statistical Profiles
Leading cause of death for adults, elderly, and aged (45+)	Chronic ischaemic heart disease	Chronic ischaemic heart disease	Chronic ischaemic heart disease	Chronic ischaemic heart disease	Chronic ischaemic heart disease			2015	ADHS Primary Care Area Statistical Profiles
Premature mortality	45.1%	48.0%	47.2%	50.2%	48.1%	47.9%	45.9%	2015	ADHS Primary Care Area Statistical Profiles
No prenatal care	1.6%	3.9%	6.3%	3.2%	1.6%	2.6%	2.5%	2015	ADHS Primary Care Area Statistical Profiles
Prenatal care began in 1st trimester	74.5%	60.7%	72.9%	78.4%	84.9%	78.5%	78.5%	2015	ADHS Primary Care Area Statistical Profiles
Low Birthweight	68.7	79.5	77.3	72.7	83.3	73.2	70.6	2015	ADHS Primary Care Area Statistical Profiles
Primary Care Providers	16	14	27	32	118	207	15045	2015	ADHS Primary Care Area Statistical Profiles
Dentists	4	2	6	6	28	46	3845	2015	ADHS Primary Care Area Statistical Profiles
Nurses	131	64	84	214	491	984	69114	2015	ADHS Primary Care Area Statistical Profiles