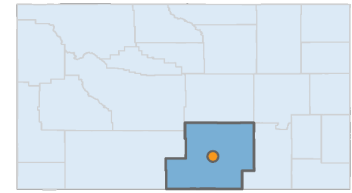# Carbon

Carbon is a county in Wyoming with 2,534 residents age 65 or older. There are approximately 23 Native American residents age 55 or older and a higher than state rate of older Hispanic/Latino residents (11%). They had significantly lower rates of graduate or professional degrees. Compared to state average rates, older residents in Carbon County have a higher rate of tooth loss. The most prevalent chronic conditions among people age 65+ in Carbon County are hypertension (37%), arthritis (23%), and diabetes (19%). They are less likely to have annual dental exams or have a regular doctor. Community resources to support healthy aging include 77% with a regular doctor, a hospital, a home health agency, a nursing home, and 7 senior centers.

POPULATION CHARACTERISTICS

	County rate is significantly different than State rate	COUNTY ESTIMATE	STATE ESTIMATE
Total population all ages		15,073	581,348
Population 60 years or older as % of total population		23.4%	23.3%
Total population 60 years or older		3,523	135,237
Population 65 years or older as % of total population		16.8%	16.4%
Total population 65 years or older		2,534	95,566
% 65-74 years		58.8%	61.2%
% 75-84 years		34.5%	28.3%
% 85 years or older		6.7%	10.5%
% 65+ population who are female		49.7%	51.7%
% 85+ population who are female		45.6%	60.2%
Race and ethnicity of the population 65+			
% White		95.7%	95.6%
% African American		0.0%	0.3%
% Other race(s)		4.3%	4.1%
% Hispanic/Latino	*	11.0%	4.4%
# 55+ who are Native American / Alaskan		23	2,430
Marital status of the population 65+			
% married		62.7%	60.7%
% divorced/separated		13.0%	15.3%
% widowed		21.3%	20.8%
% never married		3.0%	3.3%
Education of the population 65+			
% with less than high school education		9.4%	7.6%
% with high school or some college		66.9%	64.1%
% with college degree		18.5%	16.4%
% with graduate or professional degree	*	5.2%	11.9%
% of 65+ population who speak only English at home		86.9%	95.3%
% of 65+ population who are veterans of military service		21.2%	22.4%
Life expectancy at birth		78.5	78.1

HEALTHY AGING INDICATORS

	BETTER / WORSE STATE RATE	COUNTY ESTIMATE	STATE ESTIMATE
COVID-19			
Total COVID-19 cases March 2020 - January 2023		4,979	183,173
COVID-19 mortality rate per 100,000 people		364.9	340.4
% 65+ had one dose of COVID-19 vaccine		75.6%	95.0%
% 65+ had two doses of COVID-19 vaccine		69.8%	93.5%
% 65+ had bivalent booster of COVID-19 vaccine		22.8%	46.9%
WELLNESS			
% 60+ getting the recommended hours of sleep		62.1%	65.9%
% 60+ doing any physical activity within last month		68.5%	71.5%
% 60+ met CDC guidelines for muscle-strengthening activity		25.6%	27.2%
% 60+ met CDC guidelines for aerobic physical activity		52.9%	55.7%
% 60+ with fair or poor health status		23.9%	19.5%
% 60+ with 15+ physically unhealthy days in last month		17.7%	13.6%
FALLS			
% 60+ who fell within last year		32.8%	30.8%
% 60+ who were injured in a fall within last year		12.5%	10.7%
PREVENTION			
% 60+ with physical exam/check-up in last year		77.6%	80.5%
% 60+ had flu shot in last year		47.3%	53.8%
% 60+ had pneumonia vaccine		54.1%	59.5%
% 60+ had shingles vaccine		32.1%	37.9%
% 60+ women with a mammogram within last 2 years		60.2%	67.6%
% 60+ with colorectal cancer screening		48.1%	51.9%
% 60+ with HIV test		14.6%	16.7%
% 60+ met CDC preventive health screening goals		18.9%	22.9%
CHRONIC DISEASE			
% 65+ with Alzheimer's disease or related dementias		N/A	8.2%
% 65+ with arthritis		22.7%	27.0%
% 65+ with asthma		N/A	2.8%
% 65+ with atrial fibrillation		N/A	7.1%
% 65+ with cancer (breast, colorectal, lung, prostate)		N/A	7.1%
% 65+ with chronic kidney disease		14.0%	15.6%
% 65+ with chronic obstructive pulmonary disease (COPD)		10.0%	10.3%
% 65+ with diabetes		19.0%	19.7%
% 65+ with high cholesterol		18.7%	25.5%
% 65+ with heart failure		10.4%	11.2%
% 65+ with hypertension		36.5%	41.9%
% 65+ with ischemic heart disease		18.5%	21.1%
% 65+ with osteoporosis		N/A	5.1%
% 65+ with stroke		N/A	2.2%

HEALTHY AGING INDICATORS

	BETTER / WORSE STATE RATE	COUNTY ESTIMATE	STATE ESTIMATE
NUTRITION & DIET			
% 60+ with 5 or more servings of fruits or vegetables per day		16.1%	15.6%
% 60+ self-reported obese		34.5%	28.4%
% 60+ with cholesterol screening		91.4%	93.0%
ORAL HEALTH			
% 60+ with annual dental exam	W	54.5%	69.4%
# of dentists per 100,000 persons (all ages)		47.8	52.8
% 60+ with loss of 6 or more teeth	W	39.3%	28.7%
BEHAVIORAL HEALTH			
# of drug overdose deaths (all ages)		51	1,225
% 60+ current smokers		10.1%	11.1%
% 60+ ever used E-Cigarettes in last Month		7.5%	8.3%
% 60+ who used marijuana in last month		2.5%	2.4%
% 60+ excessive drinking		7.6%	7.8%
% 65+ with alcohol abuse disorder		N/A	1.3%
% 65+ with drug abuse/substance abuse disorder		N/A	1.1%
MENTAL HEALTH			
% 60+ with 15+ days poor mental health in last month		6.5%	6.9%
% 65+ with depression		8.9%	12.9%
% 65+ with schizophrenia & other psychotic disorder		0.5%	0.7%
LIVING WITH DISABILITY			
% 65+ with self-reported hearing difficulty		20.5%	18.6%
% 65+ with self-reported vision difficulty		10.7%	6.1%
% 65+ with self-reported cognition difficulty		7.3%	6.5%
% 65+ with self-reported ambulatory difficulty		22.8%	19.2%
% 65+ with self-reported self-care difficulty		7.8%	4.8%
% 65+ with self-reported independent living difficulty		8.2%	9.4%
CAREGIVING			
% of grandparents raising grandchildren		1.4%	1.2%
% of grandparents who live with grandchildren		2.8%	2.5%
ACCESS TO CARE			
% 60+ with a regular doctor	W	76.5%	85.7%
% 60+ who did not see a doctor when needed due to cost		7.5%	6.4%
# of primary care providers in county		29	1,460
# of hospitals in county		1	29
# of home health agencies in county		1	31
# of nursing homes in county		1	35
# of community health centers in county		0	18
# of adult day health centers in county		0	10
# of hospice agencies in county		0	18

HEALTHY AGING INDICATORS	BETTER / WORSE STATE RATE	COUNTY ESTIMATE	STATE ESTIMATE
COMMUNITY			
Particulate matter PM2.5		N/A	N/A
Ozone		N/A	N/A
Air pollution: annual # of unhealthy days for 65+		0	N/A
Age-friendly efforts in county		Not yet	Not yet
# of senior centers in county		7	46
% 60+ who used Internet in last month		64.2%	73.0%
% households that have smartphone (all ages)		9.8%	7.2%
% households without computer (all ages)		11.1%	6.9%
% households with access to Broadband (all ages)		82.0%	85.9%
% households without access to Internet (all ages)		17.6%	13.8%
Voter participation rate in 2020 presidential election (age 18+)		59.4%	62.7%
SAFETY & CRIME			
Homicide rate/100,000 persons		0.0	3.7
# firearm fatalities (all ages)		20	625
# 60+ deaths by suicide		0	221
TRANSPORTATION			
% 65+ who own a motor vehicle		93.7%	94.6%
% 60+ who always drive or ride wearing a seatbelt		70.7%	78.7%
# of fatal crashes involving adult age 60+		16	146
HOUSING			
% 65+ population who live alone		28.9%	28.1%
Average household size (all ages)	*	2.3	2.4
Median house value	*	$183,800	$228,000
% 60+ who own home		86.8%	83.4%
% 60+ homeowners who have mortgage		26.7%	35.8%
% 65+ households(renter) who spend>35% of income on housing	*	2.6%	30.2%
% 65+ households(owner) who spend>35% of income on housing		21.2%	16.0%
ECONOMIC			
% 60+ receiving food benefits in last year		4.3%	3.8%
% 65+ employed in last year		18.2%	20.6%
% 65+ with income below the poverty line in last year		9.8%	8.0%
65+ median household income	*	$33,878	$47,223
% 65+ households with annual income < $20,000		30.8%	18.7%
% 65+ households with annual income $20,000-$49,999		33.8%	33.9%
% 65+ households with annual income $50,000-$99,999		20.1%	29.6%
% 65+ households with annual income $100,000+		15.3%	17.8%

HEALTHY AGING INDICATORS

ELDER INDEX: COST OF LIVING	RATIO OF COUNTY TO STATE	$ COUNTY ESTIMATE	$ STATE ESTIMATE
Single, homeowner without mortgage, good health	0.97	$21,216	$21,936
Single, renter, good health	0.98	$24,444	$25,032
Couple, homeowner without mortgage, good health	0.98	$33,864	$34,680
Couple, renter, good health	0.98	$37,092	$37,776

TECHNICAL NOTES

*See our technical report for more detailed information on data sources, measures, and methodology. For most indicators the county and state values are estimates derived from sample data. Thus, it is possible that some of the differences between state and county estimates may be due to chance associated with population sampling. We use the terms "Better" and "Worse" to highlight differences between county and state estimates that we are confident are not due to chance. "Better" is used where a higher/lower value has positive implications for the health of older residents. "Worse" is used where a higher/lower score has negative implications for the health of older people, and when the implication is unclear, we use an *. We balance two goals. First, we aim to report data at very local levels because we believe change is often locally driven. Second, we vowed to protect the privacy of the people providing the information reported. Thus, given the constraints of the data analyzed we used a hierarchical approach to reporting.

Data Sources:

- *Population Characteristics: The U.S. Census Bureau (American Community Survey 2016-2020) & Robert Wood Johnson Foundation (2020).*
- *COVID-19: Vaccine data: Centers for Disease Control and Prevention (CDC; accessed 2/15/23) & Cases/Deaths: Wyoming Department of Health (WDH; accessed 2/3/23).*
- *Wellness, Falls, Prevention: The Behavioral Risk Factor Surveillance System (BRFSS; 2011-2020).*
- *Chronic Disease: The Centers for Medicare and Medicaid Services (CMS) Select Chronic Conditions Database (2018).*
- *Nutrition/Diet, Oral Health: BRFSS (2011-2020) & Health Resources and Services Administration (HRSA) Area Health Resources Files (AHRF; 2022).*
- *Behavioral Health, Mental Health: BRFSS (2011-2020), CMS (2018), & CDC WONDER (2016-2020).*
- *Living with Disability: ACS (2016-2020).*
- *Caregiving: ACS (2016-2020).*
- *Access to Care: BRFSS (2011-2020), CMS (2022), AgingCare (2022), Health Resources & Services Administration (HRSA; 2022).*
- *Community: ACS (2016-2020), State of Wyoming (2022), & U.S. Environmental Protection Agency (EPA, 2020).*
- *Safety & Crime: CDC WONDER (2016-2020).*
- *Transportation: ACS (2016-2020), BRFSS (2011-2020), & Fatality Analysis Reporting System (FARS; 2016-2020).*
- *Housing & Economic: ACS (2016-2020).*
- *Elder Index: Center for Social and Demographic Research on Aging at the University of Massachusetts Boston (2022).*

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