



APPENDIX B: COMPREHENSIVE ECONOMIC DEVELOPMENT STRATEGY

2023-2028



Northeast Oregon Economic Development District

GROWING BUSINESS :: STRENGTHENING COMMUNITIES



ACKNOWLEDGMENTS

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U.S. Economic Development Administration

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APPENDIX B: CURRENT CONDITIONS DETAILS

This section contains information on the region’s current economic conditions. The data contained herein was used to create the regional and industry profiles in Chapter 2. For reference, we have depicted all statistics and percent-change calculations in tabulated form in this appendix. Data sources are grouped with their corresponding tables or, where applicable, at the end of profile sections.

BAKER COUNTY

Baker County Demographics						
Demographics Overview	2016		2021		2016 to 2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Under 18	3,145	19.6%	3,373	20.4%	228	7.2%
Over 55	6,566	41.0%	6,870	41.5%	304	4.6%
BIPOC	1,497	9.3%	2,213	13.4%	716	47.8%
Advanced Degrees	2,715	23.0%	2,968	24.2%	253	9.3%
Cost-Burdened Households (both owner- and renter-occupied)	1,446	30.9%	1,879	26.9%	433	29.9%
PSU Official Population Counts	16,510	-	16,860	-	350	2.1%

Baker County Workforce Statistics				
	2016	2021	2016 to 2021	
			Total Change	Percent Change
Total employed	5,375	5,652	277	5.2%
Total wages earned	\$188,130,520	\$239,814,551	\$51,584,032	27%
Average wages earned	\$35,001	\$42,430	\$7,429	21%
Unemployment rate	5.6%	4.5%	-1.1%	-20%

Baker County's Top Industries by Employment (2016-2021)

Employment	2016		2021		2016-2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Education & Health Services	776	14%	1,000	18%	224	29%
Retail Trade	756	14%	856	15%	100	13%
Manufacturing	526	10%	598	11%	72	14%
Leisure & Hospitality	583	11%	543	10%	-40	-7%
All Government	1,161	22%	1,112	20%	-49	-4%
Average Annual Wages	2016		2021		2016-2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Education & Health Services	\$43,101	123%	\$48,087	113%	\$4,986	15%
Retail Trade	\$23,778	68%	\$30,714	72%	\$6,936	29%
Manufacturing	\$46,279	132%	\$51,063	120%	\$4,784	10%
Leisure & Hospitality	\$17,050	49%	\$19,729	46%	2,679	16%
All Government	\$41,921	120%	\$53,152	125%	\$11,231	27%

Baker County High School Graduation Rates (2022)

School	Senior Class Size	Graduation Rate	Number of dropouts
Baker AllPrep Early College	157	94%	5
Baker High School	90	86%	10
Baker Web Academy	240	75%	44
Burnt River School	4	100%	0
Huntington School	4	100%	0
Pine Eagle School	20	85%	3
County Average	-	90%	-
Statewide Average (2022)	-	81%	-

UNION COUNTY

Union County Demographics						
	2016		2021		2016 to 2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Under 18	5,696	22.1%	5,817	22.2%	121	2.1%
Over 55	8,484	32.9%	8,817	33.6%	333	3.9%
BIPOC	3,097	12.0%	3,704	14.1%	607	19.6%
Advanced Degrees	3,974	23.3%	4,232	24.2%	258	6.5%
Cost-Burdened Households (both owner- and renter-occupied)	2,645	35.8%	2,795	26.5%	150	5.7%
PSU Official Population Counts	26,745	-	26,295	-	-450	-1.7%

Union County Workforce Statistics				
	2016	2021	2016 to 2021	
			Total Change	Percent Change
Total employed	9,976	10,097	121	1%
Total wages earned	\$363,586,825	\$458,514,660	\$94,927,835	26%
Average wages earned	\$36,446	\$45,411	\$8,965	25%
Unemployment rate	5.4%	4.6%	-0.8%	-15%

Union County's Top Industries by Employment (2016-2021)						
Employment	2016		2021		2016-2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Education & Health Services	1,590	16%	1,698	17%	108	7%
Retail Trade	1,422	14%	1,439	14%	17	1%
Manufacturing	1,290	13%	1,272	13%	-18	-1%
Leisure & Hospitality	921	9%	952	9%	31	3%
All Government	2,163	22%	2,070	21%	-93	-4%

Average Annual Wages	2016		2021		2016-2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Education & Health Services	\$45,649	125%	\$53,034	117%	\$7,385	16%
Retail Trade	\$26,102	72%	\$32,561	72%	\$6,459	25%
Manufacturing	\$47,911	131%	\$54,285	120%	\$6,374	13%
Leisure & Hospitality	\$13,644	37%	\$19,218	42%	\$5,574	41%
All Government	\$41,911	115%	\$54,244	119%	\$12,333	29%

Union County High School Graduation Rates (2022)			
School	Senior Class Size	Graduation Rate	Number of dropouts
Elgin High School	28	50%	12
Imbler High School	19	100%	0
La Grande High School	161	69%	43
Powder Valley	19	95%	1
Cove School	26	88%	3
Union High School	23	78%	4
County Average	-	80%	-
Statewide Average (2022)	-	81%	-

WALLOWA COUNTY

Wallowa County Demographics						
	2016		2021		2016 to 2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Under 18	1,253	18.3%	1,369	18.7%	116	9.3%
Over 55	3,170	46.4%	3,439	46.9%	269	8.5%
BIPOC	446	6.5%	821	11.2%	375	84.1%
Advanced Degrees	1,337	25.2%	1,538	27.6%	201	15.0%
Cost-Burdened Households (both owner- and renter-occupied)	813	40.4%	589	18.0%	-224	-27.6%
PSU Official Population Counts	7,140	-	7,433	-	293	4.1%

Wallowa County Workforce Statistics				
	2016	2021	2016 to 2021	
			Total Change	Percent Change
Total employed	2,558	2,688	130	5%
Total wages earned	\$86,183,665	\$113,806,391	\$27,622,726	32%
Average wages earned	\$33,692	\$42,339	\$8,647	26%
Unemployment rate	5.9%	5.1%	-0.8%	-14%

Wallowa County's Top Industries by Employment (2016-2021)						
Employment	2016		2021		2016-2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Education & Health Services	292	11%	391	15%	99	34%
Leisure & Hospitality	258	10%	281	10%	23	9%
Retail Trade	255	10%	259	10%	4	2%
Natural Resources & Mining	191	7%	177	7%	-14	-7%
Construction	154	6%	176	7%	22	14%
All Government	682	27%	656	24%	-26	-4%

Average Annual Wages	2016		2021		2016-2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Education & Health Services	\$33,171	98%	\$37,353	88%	\$4,182	13%
Leisure & Hospitality	\$16,833	50%	\$23,010	54%	\$6,177	37%
Retail Trade	\$24,508	73%	\$30,679	72%	\$6,171	25%
Natural Resources & Mining	\$36,397	108%	\$43,779	103%	\$7,382	20%
Construction	\$36,015	107%	\$49,438	117%	\$13,423	37%
All Government	\$42,232	125%	\$55,197	130%	\$12,965	31%

Wallowa County High School Graduation Rates (2022)			
School	Senior Class Size	Graduation Rate	Number of dropouts
Enterprise High Schol	31	81%	6
Joseph High School	24	96%	0
Wallowa High School	17	94%	0
County Average	-	90%	-
Statewide Average (2022)	-	81%	-

3-COUNTY DISTRICT

3-County District Demographics						
	2016		2021		2016 to 2021	
					Total Change	Percent Change
Under 18	10,094	20.8%	10,559	21.1%	465	4.6%
Over 55	18,220	37.5%	19,126	38.2%	906	5.0%
BIPOC	5,040	10.4%	6,738	13.4%	1,698	33.7%
Advanced Degrees	8,026	23.5%	8,738	24.7%	712	8.9%
Cost-Burdened Households (both owner- and renter-occupied)	4,904	34.8%	5,263	25.3%	359	7.3%
PSU Official Population Counts	50,395	-	50,588	-	193	0.4%

3-County District Workforce Statistics						
	2016		2021		2016 to 2021	
					Total Change	Percent Change
Total employed	17,909		18,437		528	3%
Total wages earned	\$637,901,010		\$812,135,603		\$174,234,593	27%
Average wages earned	\$35,046		\$43,393		\$8,347	24%
Unemployment rate	5.6%		4.7%		-0.9%	-16%

3-County District's Top Industries by Employment (2016-2021)						
Employment	2016		2021		2016-2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Education & Health Services	2,658	15%	3,089	17%	431	16%
Retail Trade	2,433	14%	2,554	14%	121	5%
Manufacturing	1,967	11%	2,028	11%	61	3%
Leisure & Hospitality	1,762	10%	1,776	10%	14	1%
All Government	4,006	22%	3,838	21%	-168	-4%

Average Annual Wages	2016		2021		2016-2021	
	Total	Percent	Total	Percent	Total Change	Percent Change
Education & Health Services	\$40,640	116%	\$46,158	106%	\$5,518	14%
Retail Trade	\$24,796	71%	\$31,318	72%	\$6,522	26%
Manufacturing	\$39,635	113%	\$44,833	103%	5,198	13%
Leisure & Hospitality	\$15,842	45%	\$20,652	48%	\$4,810	30%
All Government	\$42,021	120%	\$54,198	125%	\$12,176	29%

Long-Term Population Forecasts							
	2025	2035	2025 to 2035		2045	2035 to 2045	
	Total	Total	Total Change	Percent Change	Total	Total Change	Percent Change
Baker County	17,083	17,033	-50	-0.3%	16,522	-511	-3.0%
Union County	26,502	26,936	434	1.6%	26,918	-18	-0.1%
Wallowa County	7,405	7,181	-224	-3.0%	6,718	-463	-6.4%
3-County District	50,990	51,150	160	0.3%	50,158	-992	-1.9%

Land Area and Population Estimates					
	Baker County	Union County	Wallowa County	3-County District	Oregon Statewide
Land area in square miles (2020)	3,067	2,036	3,145	8,248	95,996
Percent of total District land area	59%	39%	61%	-	-
PSU population counts (2021)	16,860	26,295	7,433	50,588	4,266,560
Percent of total District population	33%	52%	15%	-	-
Population per square mile	5.5	12.9	2.4	6.1	44.1

SOURCES: REGIONAL AND COUNTY-LEVEL DEMOGRAPHIC DATA

Data	Source(s)
Age breakdown (residents under 18 and over 55)	United States Census Bureau. (n.d.). <i>American Community Survey 5-year estimates 2016-2021</i> (Table B19013): <i>Median household income in the past 12 months (in 2020 inflation-adjusted dollars)</i> . Accessed on August 3, 2023.
Race and ethnicity (percent BIPOC residents)	
Advanced degrees	
Cost-burdened households	
Population estimates (2016-2021)	Population Research Center. (2021, December 15). <i>Population estimates for Oregon and counties</i> . Portland State University College of Urban and Public Affairs. Proehl, Risa. (2016, December 15). <i>Population estimates for Oregon and counties</i> . <i>Population Research Center</i> , Portland State University College of Urban and Public Affairs.
Total employed	State of Oregon Employment Department. (n.d.). <i>Quarterly Census of Employment and Wages: Summary industry report data</i> . Accessed on July 17, 2022. www.qualityinfo.org . State of Oregon Employment Department. (n.d.). <i>Quarterly Census of Employment and Wages: Summary industry report data</i> . Accessed on July 17, 2022. www.qualityinfo.org .
Total wages earned	
Average wages earned	
Unemployment rate	
Top industries by employment	
Average annual wages for top industries	
Long-term population forecasts	Marquez N., Sharygin E., Loftus D., Alkitkat H., Montcho G., Swanson D., Wilde J. (2023). <i>Coordinated population forecast for Baker County, its urban growth boundaries</i>

	<p>(UGB), and area outside UGBs, 2023-2073. <i>Population Research Center, Portland State University.</i></p> <p>Marquez N., Sharygin E., Loftus D., Alkitkat H., Montcho G., Swanson D., Wilde J. (2023). Coordinated population forecast for Union County, its urban growth boundaries (UGB), and area outside UGBs, 2023-2073. <i>Population Research Center, Portland State University.</i></p> <p>Marquez N., Sharygin E., Loftus D., Alkitkat H., Montcho G., Swanson D., Wilde J. (2023). Coordinated population forecast for Wallowa County, its urban growth boundaries (UGB), and area outside UGBs, 2023-2073. <i>Population Research Center, Portland State University.</i></p>
Land area in square miles (2020)	<p>United States Census Bureau. (n.d.). <i>QuickFacts: Union County, Oregon; Wallowa County, Oregon; Baker County, Oregon.</i></p> <p>https://www.census.gov/quickfacts/fact/table/unioncountyoregon,wallowacountyoregon,bakercountyoregon,OR/PST045222.</p>
High school graduation rates	<p>Oregon Department of Education. (n.d.). <i>Cohort graduation rate.</i> Retrieved August 3, 2022.</p> <p><i>The Oregonian.</i> (n.d.). 2022 graduation rates.</p> <p>https://schools.oregonlive.com/.</p>

INDUSTRY PROFILES: TOURISM

All data listed here, unless otherwise specified, represents industry statistics for the three-county District. Data sources are grouped with their corresponding tables; where one data source is used for multiple tables, the source will be listed below all relevant tables.

U.S. Census QuickFacts Industry Data			
	2016	2021	Percent Change
Employment*	1,762	1,776	0.8%
Percent of total employment (all private industries)*	12.7%	12.2%	-4.0%
Average annual wage*	\$15,842	\$20,652	30.4%
Percent of average annual wage, all private industries*	51.1%	48.2%	6.1%
GDP**	-	\$82,852,000	-
Percent share of total GDP for all private industries**	-	4.5%	-

Source

* State of Oregon Employment Department. (n.d.). *Quarterly Census of Employment and Wages: Summary industry report data*. Accessed on July 17, 2022. www.qualityinfo.org.

**United States Bureau of Economic Analysis. (n.d.). *Gross domestic product (GDP) by county and metropolitan area* (Table CAGDP2). Accessed Wednesday, March 1, 2023.

Travel Oregon: Economic Impacts of Tourism (2022)				
	Baker	Union	Wallowa	3-County District
Total spending on travel (in millions)	\$72.1	\$51.7	\$37.1	\$160.9
Total earnings from travel (in millions)	\$20.1	\$19.2	\$21.9	\$61.2
Total employment from travel	900	700	810	2,410
Overnight visitor volume (person-nights)	756,720	648,370	420,020	1,825,110
Travels earnings as percent of total industry earnings	4.9%	2.5%	9.9%	17.3%

Travel Oregon: Growth of Overnight Visitor Volume by Person-Nights			
	2021	2022	Percent change
Hotel, Motel, STVR	640,450	761,900	19.00%
Private Home	551,680	549,600	-0.40%
Other Overnight	458,400	513,620	12.00%
All Overnight	1,650,530	1,825,120	10.60%

Travel Oregon: Visitor Spending by Accommodation Type (2022) (in millions)				
	Baker	Union	Wallowa	3-County District
Hotel, Motel, STVR	\$35.0	\$25.1	\$21.0	\$81.1
Private Home	\$7.8	\$6.2	\$1.8	\$15.8
Total spending on travel accommodations (all types)	\$69.1	\$47.1	\$35.8	\$152.0

Source listed on next page.

Travel Oregon: Growth of Visitor Spending by Accommodation Type (in millions)					
	2014	2021	2022	Percent Change, 2014-2022	Percent Change, 2021-2022
Hotel, Motel, STVR	\$37.4	\$61.3	\$81.1	117%	32%
Private Home	\$13.2	\$14.9	\$15.8	20%	6%
Other Overnight	\$18.0	\$16.7	\$18.6	3%	11%
All Overnight	\$19.6	\$117.7	\$152.0	57%	29%

Source

Travel Oregon. (2023, May). *The economic impact of travel* (preliminary). Prepared by Dean Runyon Associates. https://industry.traveloregon.com/wp-content/uploads/2023/06/OR_2022_2023-05-24.pdf.

Growth in Transient Occupancy Taxes, 2017-2022			
	2017	2022	Percent Change
3-County District	\$ 1,064,200	\$ 1,559,500	47%
Baker County	578400	714600	24%
Union County	167200	277900	66%
Wallowa County	318600	567000	78%

Note: A detailed breakdown of transient occupancy taxes by accommodation type was not found.

Source

Travel Oregon. (n.d.). *Oregon transient occupancy tax by jurisdiction*. Copyright Dean Runyan Associates. Retrieved from <https://www.travelstats.com/tlt/oregon>.

INDUSTRY PROFILE: AGRICULTURE & TIMBER

All data listed here, unless otherwise specified, represents industry statistics for the three-county District. Data sources are grouped with their corresponding tables; where one data source was used for multiple tables, the source will be listed below all relevant tables.

U.S. Census QuickFacts Industry Data			
	2016	2021	Percent Change
Employment*	778	833	7.1%
Percent of total employment (all private industries)*	5.6%	5.7%	2.0%
Average annual wage*	\$31,957	\$38,935	21.8%
Percent of average annual wage, all private industries*	97.2%	96.4%	-0.8%
GDP**	-	\$82,104,000	-
Percent share of total GDP for all private industries**	-	4.4%	-

Source

* State of Oregon Employment Department. (n.d.). *Quarterly Census of Employment and Wages: Summary industry report data*. Accessed on July 17, 2022. www.qualityinfo.org.

**United States Bureau of Economic Analysis. (n.d.). *Gross domestic product (GDP) by county and metropolitan area* (Table CAGDP2). Accessed Wednesday, March 1, 2023.

Agricultural Land as Percentage of Total Land Area (2017)	
Cropland	22%
Pastureland	64%
Woodland	12%
Other	2%
Acres irrigated	195,379

Source to follow.

USDA Census of Agriculture: 5-Year Trends				
	2012	2017	Change	Percent Change
<i>Total farm-related income</i>	\$9,782,000	\$14,857,000	\$5,075,000	52%
<i>Total net cash farm income</i>	\$35,412,000	\$27,625,000	-\$7,787,000	-22%
<i>Per-farm average farm-related income</i>	\$14,281	\$18,238	\$3,957	28%
<i>Per-farm average net cash farm income</i>	\$17,801	\$13,322	-\$4,479	-25%
<i>Total market value of products sold</i>	\$208,246,000	\$175,253,000	\$32,993,000	-16%
<i>Per farm average market value of products sold</i>	\$105,455	\$84,742	-\$20,713	-20%
Number of farms	2,053	2,064	11	0.5%
Total farmland area in acres	1,659,935	1,659,950	15	0.0%
Average farm size in acres	2,502	2,505	3	0.1%

Source listed on next page.

Agricultural Sales by Product Type (in millions) (2017)	
Total Agricultural Sales	\$175.3
Crops	\$90.8
Other crops and hay	\$37.4
Grains, oilseeds, dry beans, dry peas	\$22.6
Vegetables, melons, potatoes, sweet potatoes	\$18.2
Fruits, tree nuts, berries	\$0.41
Nursery, greenhouse, floriculture, sod	\$0.21
Livestock and Poultry Products	\$84.4
Cattle and calves	\$80.8
Sheep, goats, wool, mohair, milk	\$1.5
Horses, ponies, mules, burros, donkeys	\$1.1
Other animals and animal products	\$0.26
Hogs and pigs	\$0.21
Poultry and eggs	\$0.08

Source

United States Department of Agriculture National Agricultural Statistics Service. (2012). *2012 Census of Agriculture*. Retrieved from https://agcensus.library.cornell.edu/census_year/2012-census/.

United States Department of Agriculture National Agricultural Statistics Service. (2017). *2017 Census of Agriculture*. Retrieved from https://www.nass.usda.gov/Publications/AgCensus/2017/#full_report.

Timber & Forestland Statistics (2019)	
Public forestland ownership (in thousands of acres)*	1,917
Private forestland ownership (in thousands of acres)	567
Public timber harvest (in thousands of board-feet)*	21,233
Private timber harvest (in thousands of board-feet)	81,937
Total forestland area (in thousands of acres)	2,486
Percent of total land area	47%
Forest sector employment	1,583

*"Public" denotes federal, state, and other public ownership.

Source

Oregon Forests Resources Institute. (2019). *Baker County*. Retrieved from

<https://knowyourforest.org/sites/default/files/documents/Baker-state-economic-19.pdf>.

Oregon Forests Resources Institute. (2019). *Union County*. Retrieved from

<https://knowyourforest.org/sites/default/files/documents/Union-state-economic-19.pdf>.

Oregon Forests Resources Institute. (2019). *Wallowa County*. Retrieved from

<https://knowyourforest.org/sites/default/files/documents/Wallowa-state-economic-19.pdf>.

Additional Land Use Statistics	
Total farmland in acres (2017)*	1,659,950
Total farmland, converted to square miles	2,594
Total forestland in acres (2019)**	2,486,000
All private forestland, converted to square miles	3,884
3-county total land area in square miles (2020)†	8,248
Farmland as percent of total land area	31%
Private forestland as percent of total land area	47%

Source

* United States Department of Agriculture National Agricultural Statistics Service. (2017). *2017 Census of Agriculture*. Retrieved from

https://www.nass.usda.gov/Publications/AgCensus/2017/#full_report.

** Oregon Forests Resources Institute. (2019). *Baker county*. Retrieved from

<https://knowyourforest.org/sites/default/files/documents/Baker-state-economic-19.pdf>.

**Oregon Forests Resources Institute. (2019). *Union county*. Retrieved from <https://knowyourforest.org/sites/default/files/documents/Union-state-economic-19.pdf>.

**Oregon Forests Resources Institute. (2019). *Wallowa county*. Retrieved from <https://knowyourforest.org/sites/default/files/documents/Wallowa-state-economic-19.pdf>.

†United States Census Bureau. (n.d.). *QuickFacts: Union County, Oregon; Wallowa County, Oregon; Baker County, Oregon*. <https://www.census.gov/quickfacts/fact/table/unioncountyoregon,wallowacountyoregon,bakercountyoregon,OR/PST045222>.

INDUSTRY PROFILE: MANUFACTURING

All data listed here, unless otherwise specified, represents industry statistics for the three-county District. Data sources are grouped with their corresponding tables.

U.S. Census QuickFacts Industry Data			
	2016	2021	Percent Change
Employment*	1,967	2,028	3.1%
Percent of total employment (all private industries)*	14.1%	13.9%	-1.8%
Average annual wage*	\$39,635	\$44,833	13.1%
Percent of average annual wage, all private industries*	121%	111%	-7.9%
GDP**	-	\$234,851,000	-
Share of total GDP for all private industries**	-	12.7%	-

Source

* State of Oregon Employment Department. (n.d.). *Quarterly Census of Employment and Wages: Summary industry report data*. Accessed on July 17, 2022. www.qualityinfo.org.

**United States Bureau of Economic Analysis. (n.d.). *Gross domestic product (GDP) by county and metropolitan area* (Table CAGDP2). Accessed Wednesday, March 1, 2023.

INDUSTRY PROFILE: SMALL BUSINESS & SELF-EMPLOYMENT

All data listed here, unless otherwise specified, represents industry statistics for the three-county District. Data sources are grouped with their corresponding tables.

Change in Proprietors' Income			
	2016	2021	Percent Change
3-County District	\$117,474,000	\$131,721,000	12.1%
Baker County	\$36,125,000	\$37,374,000	3.5%
Union County	\$61,349,000	\$60,010,000	-2.2%
Wallowa County	\$20,000,000	\$34,337,000	71.7%
Oregon Statewide	\$16,287,978,000	\$21,992,324,000	35.0%

Source

United States Bureau of Economic Analysis. (2021). *Regional data: Personal income by major component and earnings by NAICS industry 1: Proprietors' income, Oregon* (Table CAINC5N). Accessed on August 1, 2023.

Change in Small Business Establishment Counts			
	2016	2021	Percent Change
All establishments	1,632	1,643	0.7%
Establishments with fewer than 5 employees	1,001	992	-0.9%
Establishments with 5 to 9 employees	330	329	-0.3%
Establishments with 10 to 19 employees	184	192	4.3%
Establishments with 20 to 49 employees	77	91	18.2%

Source

United States Census Bureau. (2016). *Geography area series: County business patterns by employment size class and legal form of organization*, (Table CB1600CBP). Accessed on August 1, 2023.

https://data.census.gov/table?q=CBP2016.CB1600CBP&g=050XX00US41001,41061,41063_8610000US20746.

United States Census Bureau. (2021). *All sectors: County business patterns by legal form of organization and employment size class for the U.S., states, and selection geographies: 2021* (Table CB2100CBP). Accessed on August 1, 2023.

https://data.census.gov/table?q=CBP2021.CB2100CBP&g=050XX00US41001,41061,41063_8610000US20746&tid=CBP2021.CB2100CBP.

Self-Employment as Percentage of Total Regional Workforce						
	Baker County			Union County		
	2016	2021	Percent Change	2016	2021	Percent Change
Total Employment	8484	8759	3.2%	14387	14827	3.1%
Proprietors' Employment	2846	2771	-2.6%	3952	4051	2.5%
Percent Self-Employed	33.5%	31.6%	-5.7%	27.5%	27.3%	-0.5%
	Wallowa County			Oregon Statewide		
	2016	2021	Percent Change	2016	2021	Percent Change
Total Employment	4820	5113	6.1%	2450316	2559454	4.5%
Proprietors' Employment	2131	2233	4.8%	548500	607102	10.7%
Percent Self-Employed	44.2%	43.7%	-1.2%	22.4%	23.7%	6.0%
	3-County District					
	2016		2021		Percent Change	
Total Employment	27,691		28,699		3.6%	
Proprietors' Employment	8,929		9,055		1.4%	
Percent Self-Employed	32.3%		31.6%		-2.2%	

Source

United States Bureau of Economic Analysis. (2016, 2021). *Regional data: Personal income and employment by major component* (Table CAINC4), *Oregon counties*. Accessed on August 1, 2023.

Additional sources used to create the Small Business & Self-Employment profile:

United States Small Business Administration Office of Advocacy. (2022). *Small business profile: Oregon*. <https://advocacy.sba.gov/wp-content/uploads/2022/08/Small-Business-Economic-Profile-OR.pdf>.

INFRASTRUCTURE NEEDS AND STATUS

As part of the update process for this CEDS, we spoke with contacts from municipalities throughout the region, including both city- and county-level staff. These conversations focused on compiling a list of both ongoing and future infrastructure projects and collecting data on barriers to economic development related to infrastructure and specific infrastructure needs. For these interviews, infrastructure included drinking water, wastewater, energy, broadband, and transportation.

The municipalities interviewed as part of this CEDS update provided the following information regarding their infrastructure:

- **Current Projects:** Most cities do not have many significant ongoing infrastructure projects. Those that do are primarily focused on upgrading drinking water and wastewater systems to meet expected greater future needs because of growing residential, commercial, and industrial demands.
- **Planned Projects:** Nearly all cities had planned projects within the five-year period of this CEDS, though not all projects currently had funding. These items varied widely and included drinking water and wastewater expansions, restoration of roads in partnership with ODOT, upgrades to the broadband system, and renewable energy connections for industrial parks.
- **Barriers to Economic-Related Infrastructure Development:** Every municipality interviewed for this plan cited two main factors as obstacles: a lack of funding and limited staff capacity. Nearly every city will require outside grant funding to complete projects, while all cities lack the appropriate staffing to fully execute action items.
- **Development Limitations Imposed by Limited Infrastructure:** Several cities cited the lack of proper infrastructure as limiting economic development; this is primarily the case for industrial parks, but also affected commercial and residential development. This mainly includes insufficient drinking water or wastewater systems as well as inadequately maintained or sized roads.

**Note: Baker, Union, and Wallowa County do not have jurisdiction over drinking water and wastewater infrastructure. As result, there are no statistics and few planned projects for the counties listed in the remainder of this section.*

Although most municipalities had similar projects and answers regarding infrastructure needs, the following tables lists each of the communities interviewed within the NEOEDD region by county along with their high-level responses:

Baker County		
Community	Current Projects	Planned Future Projects
<i>Baker County</i>	None	None (other than regular business expansion)
Baker City	Expansion of wastewater system to support low-income housing development	Growth of industrial park; development of renewable energy to attract federal funding
Halfway	None	Address influent leaks in sewer lines; update meter lids to work with handheld technology; GIS mapping of all sewer lines to improve ability to efficiently service them

Union County		
Community	Current Projects	Planned Future Projects
<i>Union County</i>	None	
Cove	None	Expansion of broadband system
Island City	None	See Case Study: Infrastructure Planning in the City of Island City
La Grande	Update to wastewater system; restoring of 2 nd Street via paving road and updating waterlines	Annual repaving of roads and upgrades to water meters based on funding; installation of Ziplly Fiber broadband upgrade
North Powder	Update to wastewater system (new evaporation pond and upgrades to collection system)	Building new library via Community Development Block Grant funds
Summerville	None	Remodeling city hall; resurfacing of streets with ODOT grant funding

Wallowa County		
Community	Current Projects	Planned Future Projects
Joseph	None	Update to septic tank system to support further housing growth
Wallowa City	None	Replacement of sewer lines and sewer pond

The remainder of this section contains detailed information on the drinking water and wastewater systems of each of the communities within the NEOEDD region.

DRINKING WATER

The following data were collected as part of the 2018 CEDS update and confirmed with those municipalities we were able to contact. All figures are in thousands of gallons.

Baker County Drinking Water				
Community	Drinking Water Source	Average Daily Demand	Peak Daily Demand	Storage Capacity
Baker City	Watershed (1 Well)	2,521	9,920	207,500
Haines	1 Well	320	400	55
Halfway	2 Deep Wells	119	212	290
Huntington	1 Deep Well	300	400	300
Richland	Infiltration Gallery	110	250	325
Sumpter	Surface	300	250	475
Unity	<i>Private Wells</i>	-	-	-

Union County Drinking Water				
Community	Drinking Water Source	Average Daily Demand	Peak Daily Demand	Storage Capacity
Cove	1 Well	110	400	800
Elgin	3 Wells	550	1,300	750
Imbler	Artesian Well	2,400	3,600	None
Island City	2 Wells (1 Backup)	120	1,200	750
La Grande	5 Wells	5,500	8,000	12,000
North Powder	5 Wells	150	1,000	205
Summerville	<i>Private Wells</i>	-	-	-
Union City	2 Wells	500	1,200	750

Wallowa County Drinking Water				
Community	Drinking Water Source	Average Daily Demand	Peak Daily Demand	Storage Capacity
Enterprise	1 Well; 2 Springs	480	930	1,000
Joseph	1 Well; Wallowa Lake	500	1,793	1,300
Lostine	Watershed (1 Well)	200	200	250
Wallowa City	1 Well	250	1,700	540

WASTEWATER

The following data were collected as part of the 2018 CEDS update and confirmed with those municipalities we were able to contact. All figures are in thousands of gallons.

Baker County Wastewater				
Community	Sewer Treatment Type	Design Capacity (Gallons/Day)	Average Daily Use (Gallons/Day)	Peak Use (Gallons/Day)
Baker City	Lagoon	2,000	946	1,054
Haines	Lagoon (5-cell)	17,250	80	100
Halfway	Lagoon (3-cell)	80	67	330
Huntington	Lagoon	950	45	Not Available
Richland	Lagoon (2-cell); evaporated	50	26.6	105
Sumpter	Lagoon (step)	35	3.67	Not Available
Unity	Lagoon	325	8.8	51

Union County Wastewater				
Community	Sewer Treatment Type	Design Capacity (Gallons/Day)	Average Daily Use (Gallons/Day)	Peak Use (Gallons/Day)
Cove	Lagoon (2-cell)	60	100	220
Elgin	Lagoon	500	105	200
Imbler	<i>Septic Tanks</i>	-	-	-
Island City	<i>None (uses La Grande's system)</i>	3,550	10.5	35
La Grande	Lagoon (Chemical and Physical)	3,550	2,700	11,500
North Powder	Lagoon (2-cell)	100	50	Not Available
Summerville	<i>Septic Tanks</i>	-	-	-
Union City	Class 2 Mechanical Treatment Plant	365	160	264

Wallowa County Wastewater				
Community	Sewer Treatment Type	Design Capacity (Gallons/Day)	Average Daily Use (Gallons/Day)	Peak Use (Gallons/Day)
Enterprise	Activated Sludge	690	300	500
Joseph	Lagoon	444	209	509
Lostine	<i>Septic Tanks</i>	-	-	-
Wallowa City	Lagoon	250	150	Not Available