

GEOGRAPHY

County: JEFFERSON

Major Town: Madras

Service area includes the following ZIP Codes: 97711, 97734, 97741

Major Geographic Features: Mountains; Rivers; Four lakes

Elevation: 2242

TRANSPORTATION

		TYPE OF ROAD
Miles from Madras	to:	
Nearest Larger Town:	Redmond	26 – Primary
County Seat:	Madras	0 – n/a
Nearest Hospital:	Madras	0 – n/a

Special Transportation Barriers: Mountains, Gravel Roads, Rivers

Systems: Central Oregon Breeze bus, Cascades East Transit Community Connector, regional bus, dial-a-ride, Taxi

WEATHER

Climate Zone: The Northeastern Highlands, High Plateau

Average Temperature (Winter): 32

Average Temperature (Summer): 66



DEMOGRAPHY (Claritas 2022)

	Population	% Change	% Change RURAL	% Change URBAN	% Change OREGON
2000	12,846	n/a	n/a	n/a	n/a
2010	14,776	15.0%	8.9%	13.7%	12.0%
2022	16,835	13.9%	9.0%	13.8%	12.1%
2027	17,585	4.5%	3.4%	4.3%	4.0%

CHANGE FROM 2010 TO 2022

Age	2010 Pop	2022 Pop	% Change	% Change RURAL	% Change URBAN	% Change OREGON
0-14	3,170	3,516	10.9%	-0.4%	0.3%	0.1%
15-44	5,556	6,347	14.2%	10.2%	10.8%	10.6%
45-64	4,043	3,961	-2.0%	-8.7%	6.7%	0.8%
65+	2,007	3,011	50.0%	46.2%	62.1%	54.9%
Total	14,776	16,835	13.9%	9.0%	13.8%	12.1%

DEMOGRAPHY (Claritas 2022 - continued)**2022 POPULATION BREAKDOWN BY AGE**

Age	Service Area				OREGON			
	Male	Female	Total	Percent	Male	Female	Total	Percent
0-14	1,829	1,687	3,516	20.9%	367,387	350,327	717,714	16.7%
15-20	676	615	1,291	7.7%	160,471	152,901	313,372	7.3%
21-24	435	363	798	4.7%	107,164	101,643	208,807	4.9%
25-34	1,251	954	2,205	13.1%	301,637	289,972	591,609	13.8%
35-44	1,115	938	2,053	12.2%	292,043	288,445	580,488	13.5%
45-64	2,046	1,915	3,961	23.5%	520,682	535,925	1,056,607	24.6%
65-74	921	890	1,811	10.8%	240,024	266,758	506,782	11.8%
75-84	419	510	929	5.5%	106,091	127,054	233,145	5.4%
85+	112	159	271	1.6%	33,014	53,709	86,723	2.0%
Total	8,804	8,031	16,835	100.0%	2,128,513	2,166,734	4,295,247	100.0%

OTHER POPULATION CHARACTERISTICS (Claritas 2022)

	<u>Service Area</u>	<u>Oregon</u>
Hispanic (all, including other and 2 or more, races)	27.5%	14.2%
Asian/Pacific Islander only (non-Hispanic)	1.4%	5.3%
African-American only (non-Hispanic)	1.2%	2.0%
Native American only (non-Hispanic)	5.1%	1.1%
Other, including 2 or more races (non-Hispanic)	2.9%	3.7%

SOCIOECONOMICS (2016 - 2020 American Community Survey)

	<u>Service Area</u>	<u>County</u>	<u>Rural</u>	<u>Oregon</u>
Population below Poverty Level (\$20,578 per year for 2 adults + 1 child<18 in 2019)	12.4%	14.3%	13.1%	12.4%
Population below 200% of Poverty Level	30.5%	32.2%	33.4%	29.3%
Population <18 below Poverty Level	10.0%	14.0%	16.8%	15.0%
Unemployed Labor Force Population	7.6%	9.5%	5.8%	5.4%
Population 18-64 with Disability	15.4%	16.0%	14.6%	11.7%
Population 65+ with Disability	42.6%	38.5%	37.2%	35.1%
Households receiving Cash Public Assistance	4.6%	5.6%	3.5%	3.7%
Population 25+ w/o High School Diploma	13.3%	11.7%	10.8%	8.9%
Population >5 who Speak English Less than "very well"	7.1%	5.1%	3.8%	5.5%
Uninsured Civilian Non-institutionalized Population	9.2%	10.1%	7.1%	6.6%
Total OHP Eligibles (OHA, February 2022)	46.0%	50.8%	36.2%	31.8%

SOCIOECONOMICS (various)

	<u>County</u>	<u>Oregon</u>
Receiving Temporary Assistance for Needy Families (5/2020)	2.5%	1.0%
Children Eligible for Free/Reduced Lunch (19-20 School Yr)	82.2%	49.2%
Receiving Food Stamps (5/2020)	28.5%	16.5%
Government Employees as % of Total Employment (2021 3rd Qtr)	30.4%	13.1%
Uninsurance (2019--OHA OR Health Insurance Survey)	7.6%	6.0%
Medicare Enrollees (1/2021--CMS)	27.4%	20.8%

UNEMPLOYMENT RATES

	<u>County</u>	<u>Oregon</u>	<u>U.S.</u>
2000	5.3 %	5.1 %	4 %
2010	13.7 %	10.6 %	9.6 %
2020	8.2 %	7.6 %	8.1 %
Percent in Poverty, 2019	15	11.5	12.3
Per Capita Income, 2020	\$39,552	\$56,312	\$59,510
Median Household Income, 2019	\$52,543	\$66,955	\$65,712

VITAL STATISTICS (Oregon Health Authority)

Maternity Characteristics		2016-2020 (Avg per year--rates per 1000 births)						
		TOTAL	Race					Ethnicity
			White	Black	NatAm	Asian	Other	Hispanic
S E R V I C E A R E A	Average Total Births per Year	195	98.2	0.0	17.0	1.4	8.6	68.4
	Low Birth Weight Rate	68.9	75.4	0.0	47.1	428.6	93.0	55.6
	Inadequate Prenatal Care Rate	88.4	81.5	0.0	223.5	0.0	46.5	73.1
	Infant Mortality Rate	10.3						
	Teen (15-19) Birth Rate	58.6	30.5	0.0	117.6	0.0	93.0	81.9
O R E G O N	Average Total Births per Year	42,605	28,424	972	403	2601	1864	8,152
	Low Birth Weight Rate	66.7	62.4	106.2	72.5	80.9	75.0	69.9
	Inadequate Prenatal Care Rate	60.7	50.3	113.8	150.0	74.7	86.5	74.0
	Infant Mortality Rate	4.7						
	Teen (15-19) Birth Rate	38.0	29	46	71	10	53.1	73

*race numbers do not add up to total due to rounding and noninclusion of "unknown" race

VITAL STATISTICS (Oregon Health Authority--continued)

MORTALITY FIGURES (rates are per 100,000 persons [2022 pop])

CAUSE-SPECIFIC CRUDE DEATH RATES per 100,000 (Average per year 2016-2020):

	Service Area	County	Rural	OR	
Total:	866.1	898.4	1085.6	867.3	Deaths per Year in Service Area (Average of 2016-20): 146
Cancer:	184.1	174.0	243.6	189.5	
Heart Disease:	161.6	161.4	212.8	164.1	
Chronic Lower Resp Disease	48.7	40.8	68.8	47.4	
Cerebrovascular Disease	58.2	52.5	58.2	48.5	
Unintended Injuries:	57.0	70.0	62.5	50.9	
Alzheimer's:	38.0	33.1	46.7	44.3	
Diabetes:	57.0	56.4	38.3	29.5	
Suicide:	22.6	26.3	23.4	19.5	
Alcohol Induced:	22.6	43.8	27.7	21.9	
Flu and Pneumonia:	4.8	5.8	13.6	11.3	

	Service Area	County	Oregon
Age-adjusted Death Rate, (Avg per year 18-20)	1,019.9	1118.4	883.3
Comparative Mortality Figure, (Avg per year 18-20)	1.1	1.1	1.0
Years of Life Lost Index, (Avg per year 18-20)	1.4	1.9	1.0
Preventable Hospitalizations per 1000 Pop: (2018-2020, Apprise)	8.5	10.0	6.6

HEALTH RISK FACTORS (2012-2015, 2014-2017 BRFSS; age-adjusted)

	County 2012-15	County 2014-17	Oregon 2014-17
% of Adults who have Cardiovascular Disease	4.8	5.7	7.1
% of Adults who have Depression	28.1	30.7	25.6
% of Adults who have Diabetes	16	20.4	8.6
% of Adults who are Tobacco Users (includes smoking)	15.8	23	25.5
% of Adults who are Obese	36.5	42.2	28.6
% of Adults with High Blood Pressure	16.9	27.7	26.7
% of Adults with No Physical Activity Outside of Work	19.3	29.1	17.9
% of Adults with 1 or More Chronic Diseases	80.1	55.3	53.5
% of Adults who are Cancer Survivor	11.6	5.4	7.2

AREAS OF UNMET HEALTH CARE NEED VARIABLES

	Travel Time to Nearest PCPCH	Primary Care Capacity Ratio	Dentists Per 1000	Mental Health Providers per 1000	138-200% of Federal Poverty	ED Dental Visits per 1000	ED Mental Health Visits per 1000
Service Area	10	1.0	0.21	0.61	9.4%	8.7	21.2
Oregon	13.1	1.2	0.50	1.24	10.6%	3.6	18.0

HEALTH CARE RESOURCES**PRACTITIONERS IN SERVICE AREA**

Primary Care	Licensed	
Family Med Physicians (2020 FTE)	10.4	
General Practice Physicians (2020 FTE)	0.0	
Internal Med Physicians (2020 FTE)	0.0	
Obstetricians/Gynecologists (2020 FTE)	0.0	
Pediatricians (2020 FTE)	0.0	
Nurse Practitioners (2020 FTE)	2.7	
Physician Assistants (2020 FTE)	4.9	
Dental		
Dentists (2020 FTE)	3.5	
Dental Hygenists (2021)	5	
Mental		
Psychiatrists (2020 FTE)	0.0	
Psychologists (2020 FTE)	0.9	
Licensed Counselors & LMFT (2020 FTE)	6.1	
Licensed Social Workers (2020 FTE)	1.6	
Psychiatric Nurse Practitioners (2020 FTE)	1.7	(subset of NP and not added to Total)
Other		
Chiropractors (2020)	2	
Direct Entry Midwives (2020)	0	
General Surgeons (2020 FTE)	0.5	
Naturopaths (2020)	0	
Nurse Anesthetists-CRNA (2020 FTE)	2.0	
Optometrists (2020)	2	
Other Surgeons (2020 FTE)	0.0	
Pharmacists (2020 FTE)	5.1	
Registered Nurses (2020 FTE)	69.9	(non-NPs/CRNAs)
Total	116.5	

SUPPLY AND DEMAND FOR PRIMARY CARE VISITS IN SERVICE AREA

	<u>Service Area</u>	<u>County</u>	<u>State</u>
Number of Persons Per Primary Care Physician:	1,616	1,644	1,183
Number of Visits Accommodated by:			
Primary Care Physicians (2020)	25,735		
Primary Care PAs and NPs (2020)	10,501		
Total	36,236		

Number of Primary Care Visits Needed by 2022 Service Area Population:

36,370

HEALTH CARE RESOURCES (continued)

CLINICS IN SERVICE AREA	<u>Number</u>
Rural Health Clinics (RHC):	1
Federally Qualified Health Clinics (FQHC):	1
School-Based Clinics:	

HOSPITALS IN SERVICE AREA (2020 Calendar Year)

Name:	St Charles Madras
# of Staffed Beds:	25
Type:	B
CAH:	Yes
# of Inpatient Discharges:	560
# of ER Visits:	11,730
% Occupancy:	18.5%
# of Births:	170
Avg IP Length of Stay:	5.8

DESIGNATIONS OF SHORTAGE BY SERVICE AREA

1. Geographic/Population HPSA*: Low income only
2. MUA/MUP*: GOV-MFW
3. Mental Health HPSA*: Yes
4. Dental HPSA*: Low income only

Office of Rural Health Unmet Need Area? Yes

M(S)FW = Migrant (seasonal) farm worker

GOV = Designated at the request of the state governor due to local barriers and/or health conditions

*Service Area geographies do not match exactly with Census Tracts or Sub-County Areas. Please check <https://www.ruralhealthinfo.org/am-i-rural> for the latest and most accurate data using your specific address.

"Urban" and "Rural" refer to ORH Rural definitions:

<https://www.ohsu.edu/xd/outreach/oregon-rural-health/about-rural-frontier/index.cfm>

This report has been prepared by the Oregon Office of Rural Health at Oregon Health and Science University.

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Additional information, maps, and lists are available at:

<https://www.ohsu.edu/xd/outreach/oregon-rural-health/about-rural-frontier/data-publications.cfm>

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