

## GEOGRAPHY

County: LAKE

Major Town: Lakeview

**Service area includes the following ZIP Codes: 97620, 97630, 97635, 97636, 97637, 97640**

Major Geographic Features: Mountains: 8,500 feet; Five lakes; Swamps; Geothermal

Elevation: 4800

## TRANSPORTATION

| Miles from Lakeview  | to:           | TYPE OF ROAD |
|----------------------|---------------|--------------|
| Nearest Larger Town: | Klamath Falls | 96 – Primary |
| County Seat:         | Lakeview      | 0 – n/a      |
| Nearest Hospital:    | Lakeview      | 0 – n/a      |

Special Transportation Barriers: Mountains, Gravel Roads

Systems: Taxi

## WEATHER

Climate Zone: High Plateau

Average Temperature (Winter): 28

Average Temperature (Summer): 67



## DEMOGRAPHY (Claritas 2018)

|      | Population | % Change | % Change<br>RURAL | % Change<br>URBAN | % Change<br>OREGON |
|------|------------|----------|-------------------|-------------------|--------------------|
| 2000 | 5,840      | n/a      | n/a               | n/a               | n/a                |
| 2010 | 5,885      | 0.8%     | 9.0%              | 13.7%             | 12.0%              |
| 2018 | 5,684      | -3.4%    | 5.9%              | 10.7%             | 9.0%               |
| 2023 | 5,716      | 0.6%     | 4.8%              | 6.4%              | 5.8%               |

## CHANGE FROM 2010 TO 2018

| Age   | 2010 Pop | 2018 Pop | % Change | % Change<br>RURAL | % Change<br>URBAN | % Change<br>OREGON |
|-------|----------|----------|----------|-------------------|-------------------|--------------------|
| 0-14  | 844      | 814      | -3.6%    | -1.2%             | 3.2%              | 1.7%               |
| 15-44 | 1,969    | 1,835    | -6.8%    | 5.7%              | 6.9%              | 6.5%               |
| 45-64 | 1,909    | 1,679    | -12.0%   | -4.4%             | 7.7%              | 3.0%               |
| 65+   | 1,163    | 1,356    | 16.6%    | 30.9%             | 42.9%             | 37.5%              |
| Total | 5,885    | 5,684    | -3.4%    | 5.9%              | 10.7%             | 9.0%               |

**DEMOGRAPHY (Claritas 2018 - continued)****2018 POPULATION BREAKDOWN BY AGE**

| Age          | Service Area |              |              |               | OREGON           |                  |                  |               |
|--------------|--------------|--------------|--------------|---------------|------------------|------------------|------------------|---------------|
|              | Male         | Female       | Total        | Percent       | Male             | Female           | Total            | Percent       |
| 0-14         | 408          | 406          | 814          | 14.3%         | 372,981          | 356,337          | 729,318          | 17.5%         |
| 15-20        | 177          | 160          | 337          | 5.9%          | 160,257          | 153,431          | 313,688          | 7.5%          |
| 21-24        | 131          | 96           | 227          | 4.0%          | 109,602          | 104,449          | 214,051          | 5.1%          |
| 25-34        | 332          | 241          | 573          | 10.1%         | 283,394          | 277,553          | 560,947          | 13.4%         |
| 35-44        | 410          | 288          | 698          | 12.3%         | 273,149          | 269,346          | 542,495          | 13.0%         |
| 45-64        | 905          | 774          | 1,679        | 29.5%         | 530,343          | 549,757          | 1,080,100        | 25.9%         |
| 65-74        | 401          | 392          | 793          | 14.0%         | 214,548          | 234,584          | 449,132          | 10.8%         |
| 75-84        | 202          | 197          | 399          | 7.0%          | 89,232           | 108,646          | 197,878          | 4.7%          |
| 85+          | 77           | 87           | 164          | 2.9%          | 31,663           | 54,767           | 86,430           | 2.1%          |
| <b>Total</b> | <b>3,043</b> | <b>2,641</b> | <b>5,684</b> | <b>100.0%</b> | <b>2,065,169</b> | <b>2,108,870</b> | <b>4,174,039</b> | <b>100.0%</b> |

**OTHER POPULATION CHARACTERISTICS (Claritas 2018)**

|   | <u>Service Area</u> | <u>Oregon</u> |
|---|---------------------|---------------|
| Hispanic (all, including other and 2 or more, races ) | 10.3%               | 13.2%         |
| Asian/Pacific Islander only (non-Hispanic)            | 1.4%                | 4.9%          |
| African-American only (non-Hispanic)                  | 0.9%                | 1.8%          |
| Native American only (non-Hispanic)                   | 2.1%                | 1.1%          |
| Other, including 2 or more races (non-Hispanic)       | 2.7%                | 3.5%          |

**SOCIOECONOMICS (2012 - 2016 American Community Survey)**

|  | <u>Service Area</u> | <u>County</u> | <u>Rural</u> | <u>Oregon</u> |
|--|---------------------|---------------|--------------|---------------|
| Population below Poverty Level<br>(\$19,318 per year for 2 adults/1 child <18 in 2016) | 17.3%               | 17.6%         | 16.5%        | 15.7%         |
| Population below 200% of Poverty Level   | 48.0%               | 50.0%         | 39.1%        | 35.2%         |
| Population <18 below Poverty Level   | 21.8%               | 18.6%         | 23.3%        | 20.4%         |
| Population 16+ Unemployed  | 8.0%                | 8.9%          | 9.1%         | 8.1%          |
| Population 18-64 with Disability   | 18.4%               | 21.3%         | 15.5%        | 12.3%         |
| Population 65+ with Disability   | 43.1%               | 46.9%         | 39.4%        | 37.6%         |
| Households receiving Cash Public Assistance  | 5.4%                | 4.3%          | 4.1%         | 4.0%          |
| Population 25+ w/o High School Diploma   | 15.6%               | 16.1%         | 11.7%        | 10.0%         |
| Population >5 who Speak English Less than "very well"                                  | 2.5%                | 2.5%          | 3.9%         | 5.9%          |
| Uninsured Civilian Non-institutionalized Population                                    | 10.1%               | 10.9%         | 11.1%        | 10.4%         |
| Total OHP Eligibles (OHA, Dec 2017)  | 26.4%               | 27.4%         | 28.5%        | 24.8%         |

**SOCIOECONOMICS (various)**

|  | <u>County</u> | <u>Oregon</u> |
|--|---------------|---------------|
| Receiving Temporary Assistance for Needy Families (7/2017) | 0.5%          | 1.1%          |
| Children Eligible for Free/Reduced Lunch (16-17 School Yr) | 45.1%         | 49.3%         |
| Receiving Food Stamps (7/2017)                             | 19.2%         | 16.6%         |
| Government Employees as % of Total Employment (2016)       | 43.8%         | 15.5%         |
| Uninsurance (2014 CHSE/OHSU)                               | 2.8%          | 5.6%          |
| Medicare Enrollees (10/2017--CMS)                          | 26.9%         | 19.5%         |

**UNEMPLOYMENT RATES**

|                                      | <u>County</u> | <u>Oregon</u> | <u>U.S.</u> |
|--------------------------------------|---------------|---------------|-------------|
| 2000                                 | 8.3%          | 5.1%          | 4%          |
| 2010                                 | 13.5%         | 10.6%         | 9.6%        |
| 2016                                 | 6.4%          | 4.9%          | 4.9%        |
| <b>Percent in Poverty, 2016</b>      | 15.2          | 13.4          | 14          |
| <b>Per Capita Income, 2016</b>       | \$37,571      | \$45,399      | \$49,246    |
| <b>Median Household Income, 2016</b> | \$40,095      | \$57,379      | \$57,617    |

**VITAL STATISTICS (Oregon Health Authority)**

| <b>Maternity Characteristics</b>  |                               | <b>2012-2016 (Avg per year--rates per 1000 births)</b> |        |       |       |       |       |           |
|---|-------------------------------|--|--------|-------|-------|-------|-------|-----------|
|   |                               | TOTAL  | Race   |       |       |       |       | Ethnicity |
|   |                               |  | White  | Black | NatAm | Asian | Other | Hispanic  |
| <b>S<br/>E<br/>R<br/>V<br/>I<br/>C<br/>E<br/><br/>A<br/>R<br/>E<br/>A</b> | Average Total Births per Year | 59   | 46.2   | 0.0   | 2.0   | 0.6   | 2.2   | 7.4       |
|   | Low Birth Weight Rate         | 75.1   | 51.9   | 0.0   | 300.0 | 333.3 | 181.8 | 108.1     |
|   | Inadequate Prenatal Care Rate | 71.7   | 56.3   | 0.0   | 100.0 | 666.7 | 0.0   | 135.1     |
|   | Infant Mortality Rate         | 6.8  |        |       |       |       |       |           |
|   | Teen (15-19) Birth Rate       | 54.6   | 43.3   | 0.0   | 0.0   | 0.0   | 90.9  | 135.1     |
| <b>O<br/>R<br/>E<br/>G<br/>O<br/>N</b>                                    | Average Total Births per Year | 45,388   | 31,045 | 949   | 476   | 2511  | 1774  | 8,489     |
|   | Low Birth Weight Rate         | 63.4   | 60.5   | 100.1 | 71.9  | 77.7  | 73.4  | 63.0      |
|   | Inadequate Prenatal Care Rate | 56.5   | 48.4   | 110.2 | 121.5 | 74.2  | 77.7  | 65.8      |
|   | Infant Mortality Rate         | 5.0  |        |       |       |       |       |           |
|   | Teen (15-19) Birth Rate       | 53.5   | 41     | 74    | 90    | 15    | 79.1  | 100       |

\*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 [2018 pop])

#### CAUSE-SPECIFIC CRUDE DEATH RATES per 100,000 (Average per year 2012-2016):

|                            | Service Area | County | Rural  | OR    | Deaths per Year in Service Area (Average of 2012-16): |
|----------------------------|--------------|--------|--------|-------|---|
| Total:                     | 1245.6       | 1159.6 | 1028.1 | 824.5 |   |
| Cancer:                    | 242.8        | 246.5  | 242.9  | 189.7 |   |
| Heart Disease:             | 183.0        | 188.7  | 200.4  | 157.9 |   |
| Chronic Lower Resp Disease | 147.8        | 123.3  | 68.6   | 48.3  |   |
| Cerebrovascular Disease    | 70.4         | 57.9   | 54.2   | 43.8  |   |
| Unintended Injuries:       | 73.9         | 67.9   | 55.5   | 44.5  |   |
| Alzheimer's:               | 59.8         | 45.3   | 37.8   | 35.8  |   |
| Diabetes:                  | 52.8         | 52.8   | 35.4   | 27.3  |   |
| Suicide:                   | 31.7         | 30.2   | 21.7   | 17.9  |   |
| Alcohol Induced:           | 42.2         | 37.7   | 23.6   | 18.5  |   |
| Flu and Pneumonia:         | 21.1         | 17.6   | 12.9   | 10.7  |   |

|  | Service Area | County | Oregon |
|--|--------------|--------|--------|
| Age-adjusted Death Rate, (Avg per year 14-16)                              | 1,027.3      | 996.1  | 843.9  |
| Comparative Mortality Figure, (Avg per year 14-16)                         | 1.6          | 1.5    | 1.0    |
| Years of Life Lost Index, (Avg per year 14-16)                             | 1.2          | 1.3    | 1.0    |
| <b>Preventable Hospitalizations per 1000 Pop:<br/>(2015-2017, Apprise)</b> | 16.1         | 14.8   | 8.6    |

### HEALTH RISK FACTORS (2010-2013 and 2012-2015 BRFSS; age-adjusted)

|   | County<br>2010-13 | County<br>2012-15 | Oregon<br>2012-15 |
|---|-------------------|-------------------|-------------------|
| % of Adults who have Cardiovascular Disease           | 3.5%              | 11.4              | 7.1               |
| % of Adults who have Depression                       | 24.2%             | 21.9              | 25.2              |
| % of Adults who have Diabetes                         | 7.1%              | 11.7              | 8.6               |
| % of Adults who are Cigarette Smokers                 | 13.4%             | 19                | 17.9              |
| % of Adults who are Obese                             | 34.1%             | 28.4              | 27.1              |
| % of Adults with High Blood Pressure                  | 31.9%             | 23.6              | 27.6              |
| % of Adults with No Physical Activity Outside of Work | 15.1%             | 28.3              | 16.8              |
| % of Adults with 1 or More Chronic Diseases           | 54.8%             | 58                | 53.2              |
| % of Adults with a Disability                         |                   | 16.7              | 25.5              |

### ECONOMIC CONTRIBUTION OF HEALTH CARE EMPLOYMENT (2008)

|  |        |
|--|--------|
| Total Employment Contribution (Jobs in county)               | 272    |
| Total Value-Added Contribution to County GDP (in \$Millions) | \$13.6 |

**HEALTH CARE RESOURCES****PRACTITIONERS IN SERVICE AREA**

| <b>Primary Care</b>                        | <b>Licensed</b> |                                       |
|--|-----------------|---------------------------------------|
| Family Med Physicians (2016 FTE)           | 5.6             |                                       |
| General Practice Physicians (2016 FTE)     | 0.0             |                                       |
| Internal Med Physicians (2016 FTE)         | 0.0             |                                       |
| Obstetricians/Gynecologists (2016 FTE)     | 0.0             |                                       |
| Pediatricians (2016 FTE)                   | 0.0             |                                       |
| Nurse Practitioners (2016 FTE)             | 1.4             |                                       |
| Physician Assistants (2016 FTE)            | 0.8             |                                       |
| <b>Dental</b>                              |                 |                                       |
| Dentists (2016 FTE)                        | 1.9             |                                       |
| Dental Hygenists (2016)                    | 2               |                                       |
| <b>Mental</b>                              |                 |                                       |
| Psychiatrists (2016 FTE)                   | 0.0             |                                       |
| Psychologists (2017)                       | 0               |                                       |
| Licensed Prof Counselors & LMFT (2017)     | 1               |                                       |
| Licensed Social Workers (2017)             | 2               |                                       |
| Psychiatric Nurse Practitioners (2016 FTE) | 0.0             | (subset of NP and not added to Total) |
| <b>Other</b>                               |                 |                                       |
| Chiropractors (2017)                       | 2               |                                       |
| Direct Entry Midwives (2017)               | 0               |                                       |
| General Surgeons (2016 FTE)                | 1.0             |                                       |
| Naturopaths (2017)                         | 0               |                                       |
| Nurse Anesthetists-CRNA (2016 FTE)         | 1.0             |                                       |
| Optometrists (2017)                        | 0               |                                       |
| Other Surgeons (2016 FTE)                  | 0.0             |                                       |
| Pharmacists (2017)                         | 5               |                                       |
| Registered Nurses (2016 FTE)               | 27.4            | (non-NPs/CRNAs)                       |
| <b>Total</b>                               | <b>51.0</b>     |                                       |

**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: | 1,020               | 1,426         | 1,055        |
| Number of Visits Accommodated by:             |                     |               |              |
| Primary Care Physicians (2016):               | 15,348              |               |              |
| PA and NP (2016):                             | 6,063               |               |              |
| Total:  | 21,411              |               |              |

Number of Primary Care Visits Needed by 2018 Service Area Population:

16,185

## HEALTH CARE RESOURCES (continued)

| CLINICS IN SERVICE AREA                    | <u>Number</u> |
|--|---------------|
| Rural Health Clinics (RHC):                | 2             |
| Federally Qualified Health Clinics (FQHC): |               |
| School-Based Clinics:                      |               |

### HOSPITALS IN SERVICE AREA (2016 Calendar Year)

|                            |                        |
|----------------------------|------------------------|
| Name:                      | Lake District Hospital |
| # of Staffed Beds:         | 24                     |
| Type:                      | A                      |
| CAH:                       | Yes                    |
| # of Inpatient Discharges: | 382                    |
| # of ER Visits:            | 3,380                  |
| % Occupancy:               | 14.2%                  |
| # of Births:               | 56                     |
| Avg IP Length of Stay:     | 3.3                    |

## DESIGNATIONS OF SHORTAGE BY SERVICE AREA

- |                                 |                 |
|---------------------------------|-----------------|
| 1. Geographic/Population HPSA*: | No              |
| 2. MUA/MUP*:                    | No              |
| 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 <http://datawarehouse.hrsa.gov/GeoAdvisor/ShortageDesignationAdvisor.aspx> for the latest and most accurate data using your specific address.

"Urban" and "Rural" refer to ORH Rural definitions:  
[www.ohsu.edu/xd/outreach/oregon-rural-health/data/rural-definitions/index.cfm](http://www.ohsu.edu/xd/outreach/oregon-rural-health/data/rural-definitions/index.cfm)

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Additional information, maps, and lists are available at:  
[www.ohsu.edu/xd/outreach/oregon-rural-health/data/health-care-shortage.cfm](http://www.ohsu.edu/xd/outreach/oregon-rural-health/data/health-care-shortage.cfm)

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