#### **GEOGRAPHY**

County: Lake

Major Town: Christmas Valley

Service area includes the following ZIP Codes: 97638, 97735, 97641

Major Geographic Features: Mountains: 6,600 feet; Lava beds; Four lakes; Marsh; Geothermal

Elevation: 4225

#### **TRANSPORTATION**

Miles from Christmas Vall to:

Nearest Larger Town: Lakeview 114 - 85 Primary, 15 Secondary

County Seat: Lakeview 114 - Primary, Secondary

Nearest Hospital: Bend 95 Primary, Secondary

Special Transportation Barriers: Mountains, Gravel Roads, Unimproved Roads

Systems: No public transportation

#### **WEATHER**

Climate Zone High Plateau

Average Temperature (Winter): 28 Average Temperature (Summer): 67

# **DEMOGRAPHY** (Nielsen 2012)

			<u>% Change</u>	<u>% Change</u>	<u>% Change</u>
	<u>Population</u>	<u>% Change</u>	RURAL	<u>URBAN</u>	<u>OREGON</u>
1990	1,163	n/a	n/a	n/a	n/a
2000	1,583	36.1%	16.3%	23.0%	20.4%
2012	2,071	30.8%	10.4%	16.1%	13.9%
2017	2,239		4.0%	5.2%	4.8%

#### CHANGE FROM 2000 TO 2012

				<u>% Change</u>	<u>% Change</u>	<u>% Change</u>
<u>Age</u>	<u> 2000 Pop</u>	2012 Pop	% Change	RURAL	<u>URBAN</u>	OREGON
0-14	317	387	22.1%	-1.0%	9.7%	5.6%
15-44	562	633	12.6%	2.0%	4.3%	3.5%
45-64	469	666	42.0%	26.4%	39.9%	34.5%
65+	235	385	63.8%	20.5%	27.4%	24.2%
Total	1,583	2,071	30.8%	10.4%	16.1%	13.9%



# **DEMOGRAPHY** (Nielsen 2012 - continued)

### 2012 POPULATION BREAKDOWN BY AGE

		Service	Area			OREGON				
Age	Male	Female	Total	Percent	Male	Female	Total	Percent		
0-14	191	196	387	18.7%	377,419	361,481	738,900	19.0%		
15-20	85	67	152	7.3%	163,489	155,593	319,082	8.2%		
21-24	37	37	74	3.6%	104,974	99,793	204,767	5.3%		
25-34	83	80	163	7.9%	248,094	234,994	483,088	12.4%		
35-44	119	125	244	11.8%	263,994	252,434	516,428	13.2%		
45-64	345	321	666	32.2%	536,460	554,904	1,091,364	28.0%		
65-74	126	110	236	11.4%	139,088	153,074	292,162	7.5%		
75-84	63	63	126	6.1%	74,588	98,278	172,866	4.4%		
85+	13	10	23	1.1%	26,643	52,700	79,343	2.0%		
Total	1,062	1,009	2,071	100.0%	1,934,749	1,963,251	3,898,000	100.0%		

### OTHER POPULATION CHARACTERISTICS (Nielsen 2012)

<u>Servi</u>	<u>ce Area</u>	<u>Oregon</u>
Hispanic (all, including other and 2 or more, races)	3.8%	12.4%
Asian/Pacific Islander only (non-Hispanic)	0.1%	4.1%
African-American only (non-Hispanic)	0.2%	1.7%
Native American only (non-Hispanic)	1.9%	1.1%
Other, including 2 or more races (non-Hispanic)	4.5%	3.1%

# SOCIOECONOMICS (2007-2011 American Community Survey)

	Service Area	<u>County</u>	<u>Rural</u>	<u>Oregon</u>
Population below Poverty Level	24.5%	18.7%	15.3%	14.8%
(\$19,090 per year for family of 3 in 2012)				
Population below 200% of Poverty Level	58.3%	44.1%	37.6%	34.5%
Unemployed	13.2%	13.7%	10.7%	9.9%
Renter-Occupied Units	45.2%	33.9%	30.7%	36.9%
Population 16-64 with Disability and:				
Unable to Work				
Households receiving Public Assistance	3.8%	3.5%	3.0%	3.0%
Population 25+ w/o High School Diploma	15.7%	12.8%	13.0%	11.1%
Population >5 who Speak English Less than "very	well" 5.2%	2.0%	4.4%	6.4%
Total OHP Eligibles (DMAP, March 2013)	23.6%	18.0%	19.3%	17.3%

## **SOCIOECONOMICS** (various)

	<u>County</u>	<u>Oregon</u>
Receiving Temporary Assistance for Needy Families (3/12)	0.9%	1.9%
Children Eligible for Free/Reduced Lunch (11-12 School Yr)	50.4%	51.7%
Receiving Food Stamps (3/12)	20.3%	20.9%
Government Employees as % of Total Employment (2011 Avg)	48.1%	18.3%
No Health Insurance (2010 Census Small Area Health Ins Est)		19.7%

#### **UNEMPLOYMENT RATES**

	<u>County</u>	<u>Oregon</u>	<u>U.S.</u>
1990	8.9%	5.5 %	5.6%
2000	9.4%	4.9 %	4 %
2012	12.8 %	8.7%	8.1%

 Per Capita Income, 2010
 \$29,498
 \$36,317
 \$39,937

 Median Household Income, 2010
 \$36,167
 \$46,536
 \$50,046

## **VITAL STATISTICS (Health Division)**

Maternity
naracteristics

2007-2011 (Avg per year--rates per 1000 births )
Race Eth

Characteristics		TOTA:	Race Ethnicity					
		TOTAL	White	Black N	NatAm	Asian	Other	Hispanic
S E	Average Total Births per Year	18	16.8	0.0	0.2	0.0	0.4	0.4
R V	Low Birth Weight Rate	33.7	35.7	0.0	0.0	0.0	0.0	0.0
C E	Inadequate Prenatal Care	112.4	107.1	0.0	0.0	0.0		0.0
A R	Rate Infant Mortality Rate	11.2						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
E A	Teen (15-19) Birth Rate	123.6	131.0	0.0	0.0	0.0		0.0
	Average Total Births per Year	47,282	34,238	1010	661	2491	1136	9,629
0	Low Birth Weight Rate	61.8	59.3	105.2	69.0	76.4	70.6	60.9
R E G	Inadequate Prenatal Care Rate	59.7	52.3	92.9	111.4	76.7		77.0
N	Infant Mortality Rate	5.0						
	Teen (15-19) Birth Rate	82.6	72	120	155	23		137

<sup>\*</sup>race numbers do not add up to total due to rounding and noninclusion of "unknown" race

# **VITAL STATISTICS (Health Division--continued)**

### MORTALITY FIGURES (rates are per 100,000 persons)

### CAUSE-SPECIFIC CRUDE DEATH RATES per 100,000 (Average per year 2007-2011):

	Service Area	County	Rural	OR				
Total:	772.6	1123.9	1001.0	819.0	Deaths	per Year in	Service	
Cancer:	173.8	227.3	240.1	193.7	Area (	Area (Average of 2007-11		
Heart Disease:	125.5	176.8	206.5	163.1	16			
Cerebrovascular Dise	ease 57.9	80.8	57.3	47.9				
Chronic Lower Resp	Disease 77.3	103.5	66.8	50.2				
Unintended Injuries:	86.9	68.2	50.9	41.9				
Alzheimer's:	29.0	63.1	36.7	32.5				
Diabetes:	29.0	42.9	34.2	27.6				
Flu and Pneumonia:	9.7	32.8	14.1	11.7				
Suicide:	38.6	30.3	18.8	16.2				
Alcohol Induced:	9.7	37.9	18.0	14.7				
			Servi	ice Area	County	Oregon		
Age-adjusted Death	Rate, (Avg per	year 09-11	)	824.5	708.1	822.4	-	
Comparative Mortali	ty Figure, (Avg	per year o	9-11)	1.0	1.3	1.0		
Years of Life Lost Index, (Avg per year 09-11)					0.9	1.0		
Preventable Hospi (2009-2011, COMPd	11.7	15.3	8.4					

# HEALTH RISK FACTORS (2004-2007, 2006-2009 BRFSS)

	County	County	Oregon	
	04-07	06-09	06-09	
% of Adults who Currently Smoke Cigarettes	21%	20%	17%	
% of Adults who Meet Recommended Activity Levels	78%	60%	56%	
% of Adults Overweight	40%	41%	36%	
% of Adults Obese	26%	19%	25%	
% of Adults who Eat 5 Fruits and Vegetables Daily	28%	35%	27%	
Had Mammogram Within Past 2 Yrs (F 40+ only)	90%		82%	
Had PAP Test Within Past 3 Yrs (F 18+ only)	81%		86%	

# **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**

Primary Care Physicians (2012 by FTE)	icensed
Family Practitioners	0
General Practitioners	<u> </u>
General Internists	0
Obstetricians/Gynecologists	0
<u>Pediatricians</u>	0
Specialists (2012)	
General Surgeons	0
Other Surgeons	<u> </u>
Other Practitioners	
Nurse Practitioners (2013 Rural only)	1
Certified Nurse Midwives (2012)	o (subset of NP and not added to Total)
Dentists (2013)	0
Physician Assistants (2013 Rural only)	1
Registered Nurses (2012)	3 (non-NPs/CRNAs; home address only)
Pharmacists (2010)	0
Dental Hygenists (2013)	0
Chiropractors (2010)	0
Naturopaths (2009)	0
Direct Entry Midwives (2009)	0
Optometrists (2009)	0
Nurse Anesthetists-CRNA (2012)	0
Psychiatrists (2012)	0
Psychologists (2011)	0
Licensed Social Workers (2009)	0
Licensed Professional Counselors (200	<u>09) o</u>
Total Practitioners	5

### SUPPLY AND DEMAND FOR PRIMARY CARE VISITS IN SERVICE AREA

	Service Area	<u>County</u>	<u>State</u>
Number of Persons Per Primary Care Phy	sician 0	1,616	931
Number of Visits Accommodated by	y:		
Primary Care Physicians (2012)	): 0		
PA and NP (2012)	): 5,100		
Tota	nl: 5,100		

Number of Primary Care Visits Needed by 2012 Service Area Population:

6,016

## **HEALTH CARE RESOURCES (continued)**

#### **CLINICS IN SERVICE AREA**

Number

1

Rural Health Clinics (RHC):

Federally Qualified Health Clinics (FQHC):

School-Based Clinics:

#### **HOSPITALS IN SERVICE AREA (2011 Calendar Year)**

Name:

# of Staffed Beds:

Type:

CAH:

# of Inpatient Discharges:

# of ER Visits:

% Occupancy:

# of Births:

Avg IP Length of Stay:

#### **DESIGNATIONS OF SHORTAGE BY SERVICE AREA**

Geographic/Population HPSA? Yes
 MUA/MUP? No
 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

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: www.ohsu.edu/xd/outreach/oregon-rural-health/data/health-care-shortage.cfm

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