

Appendix 10: Population Information

- *OFM Estimated Population Growth for Okanogan County through 2040*
- *District Data*
- *Septic Permits*

APPENDIX 10 COUNTY POPULATION ASSUMPTIONS—Updated

From the Comprehensive Plan Chapter 2 updated to reflect additional information.

Okanogan County adopts the OFM medium growth scenario:

2010	2020	2030	2040
41,120	43,163	44,619	45,707

The 2011 population of Okanogan County was 41,200.

Incorporated 24,805 60%

Unincorporated 16,395 40%

Within the unincorporated area: 16,395

 Within Rural/High Density areas on comprehensive plan map: 80%, 13,000+

 Within Rural Resource/Low Density areas on comprehensive plan map: 20%, 3,300

Okanogan County anticipates growth over the next two decades to be in line with the medium range scenario of the OFM forecast, from 41,120 in 2010 to 45,707 in 2040, or an increase of about 4,500 (150 people per year for 30 years) on average. The average household size is 2 people per household so an aggregate demand of 75 units per year is expected. The anticipated absorption rates are not expected to change, so the permanent residential growth in the cities is expected to be about 90 people per year on average; (60% of 150) and 60 people per year of the new growth in the County (40% of 150).

50% of any growth will be accommodated by existing facilities as a consequence of births and deaths (from OFM assumptions). The 60 people per year equate to 30 new dwelling units per year on average throughout out the county to accommodate the permanent population growth .

While demand may vary from year to year, for purposes of this analysis the County assumes a range of new development to accommodate 45 people more or less requiring new facilities each year projected to be within the range of 30-40 people in the Rural/High Density areas (15-20 units) and 5-10 people in the Rural Resource/Low Density areas or about 5 new houses per year for permanent residents.

The County also sees vacation homes particularly in the northern Oroville area (Lake Osoyoos) and the Methow area (Mazama) which are included in the overall building totals but which do not contribute new permanent population. For purposes of this analysis the County assumes an additional 20% of new development will occur in those areas in addition to new permanent resident structures.

Additional information supporting these assumptions may be derived from building and septic permits for new dwellings. The projected activity is supported by new development and septic activity charts (by district if we can).

New population in the County is spread out among the districts and using building permit data, the total projected new growth in each district follows current population trends is as follows:

	Population % total population	Projected New Growth
	2011*	Range
1. Oroville/Curlew	Oroville 0.11 Curlew 0.00	Oroville 16.19 Curlew 0.26
2. Tonasket/Republic	Tonasket 0.16 Republic 0.00	Tonasket 24.22 Republic 0.36
3. Omak	0.25	Omak 38.23
4. Nespelum/Grand Coulee	Nespelem 0.03 Coulee Dam 0.04	Nespelem 4.94 Coulee Dam 5.42
5. Okanogan	0.14	Okanogan 20.57
6. Brewster/Bridgeport	Brewster 0.10 Bridgeport 0.00	Brewster 14.63 Bridgeport 0.48
7. Pateros/ Lake Chelan	Pateros 0.04 Lake Chelan 0.00	Pateros 5.42 Lake Chelan 0.15
8 Methow	0.13	Methow 19.13
Total		150

2011 figures are used as they are the most recent census numbers—current data suggest they still accurately reflect the percentage growth and population in the County.

DISTRICT DATA SUMMARY—Anticipated new home construction by district

A	B	C	D	E	F	G	H	I
PRIVATE LANDS	CENSUS Okanogan County Only	ESTIMATE By School District not just Okanogan County	POPULATION GROWTH	HOMES** Okanogan County @ 2.5	COUNTY ALLOCATION***	NEW HOMES ATTRIBUTABLE TO COUNTY area ****	ANTICIPATED ANNUAL GROWTH RATE NEW HOMES *****	COUNTY BUILDING PERMITS RANGE *****
	2010	2014	TOTAL 2010-2014	DISTRICT WIDE		E x F x .5= 2010-2014	2016-2021	2010-2014
OROVILLE	4,439	4,607	168	68	62%	47	4-8	6-27
TONASKET	6,640	6,665	25	10	84%	76	2-4	20-33
OMAK	10,481	10,525	44	18	49%	29	1-2	12-16
NESPELEM	1,354	1,360	6	3	83%			
GRANDCOULEE	1,486	(4,346)GC*	*Nil					
OKANOGAN	5,638	5,656	18	7	55%	20	1-2	2-18
BREWSTER	4,010	(4,607)DC*	70	25	41%	69	2-4	6-22
PATEROS	1,485	(1,549)CC*	50	20	55%	31	2-4	2-30
METHOW	5,244	5,252	8	4	75%	99	1-2	30-50
VACATION HOMES METHOW AND OROVILLE PRIMARILY					100%	50-100	10-20	
TOTALS	40,777	44,567	389	155		140-190	33-62	Annual Av~ 100

- Includes Ferry, Douglas, and Chelan Counties growth as individual counties and not districts. ** ASSUMES 2.5 persons per household ** The country had the City County % totals reversed in the comprehensive plan suggesting a higher population allocation to the Cities. Those numbers have been corrected and adjusted. The County has determined that the misprint in the comprehensive plan did not make any difference in the land use allocations selected. *** ASSUMES 50% POPULATION GROWTH IN NEW HOMES/50% IN EXISTING HOUSING --MOVE IN MOVE OUT BIRTHS AND DEATHS See <http://www.ofm.wa.gov/pop/stfc/default.asp> components of population change. ****Assumes historic rate of growth but anticipates a possible doubling in a district any given year. Five years were selected as the applicable review period due to required review in 2021 based on new census data ***** See District Maps, includes new construction (including fire related) remodels and additions.

Septic Permit Report
By Type and Year

System Type	2010	2011	2012	2013	2014	2015	2016	Total
Community Sewage System	11	12	15	14	11	5	1	61
New System	173	176	142	166	196	160	2	976
Other/Holding/Chemical/Portable	5	2	2	6	12	6		15
Pivy	6	9	11	21	4	12	3	50
Repairing System	62	71	55	67	90	53		350
Tank Only			2	3	3	5		5
Total	257	270	227	277	316	241	6	1457

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Septic Permit Report
By Type and Year

System Type	2010	2011	2012	2013	2014	2015	2016	Total
Community Sewage System	11	12	15	14	11	5	1	61
Grandfathered			3					1
Information Only				1				0
New System	173	176	142	166	196	160	2	976
Other/Holding/Chemical/Portable	5	2	2	6	12	6		15
Privy	6	9	11	21	4	12	3	50
Repairing System	62	71	55	67	90	53		350
Tank Only			2	3	3	5		5
Total	257	270	230	278	316	241	6	1458

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