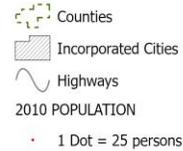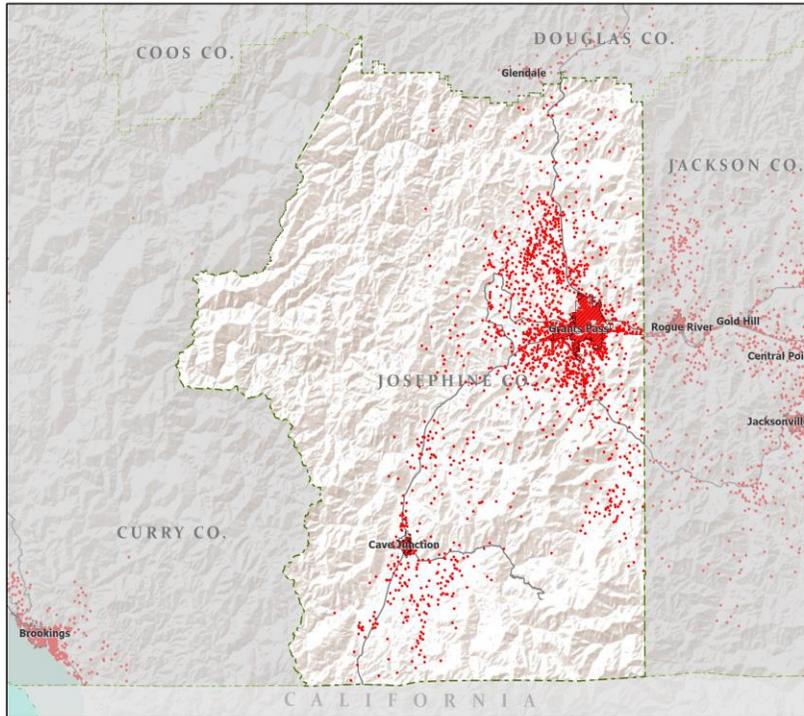# Oregon Population Forecast Program

Proposed Coordinated Forecasts for Josephine County, its Urban Growth Boundaries (UGBs), and the Area Outside UGBs
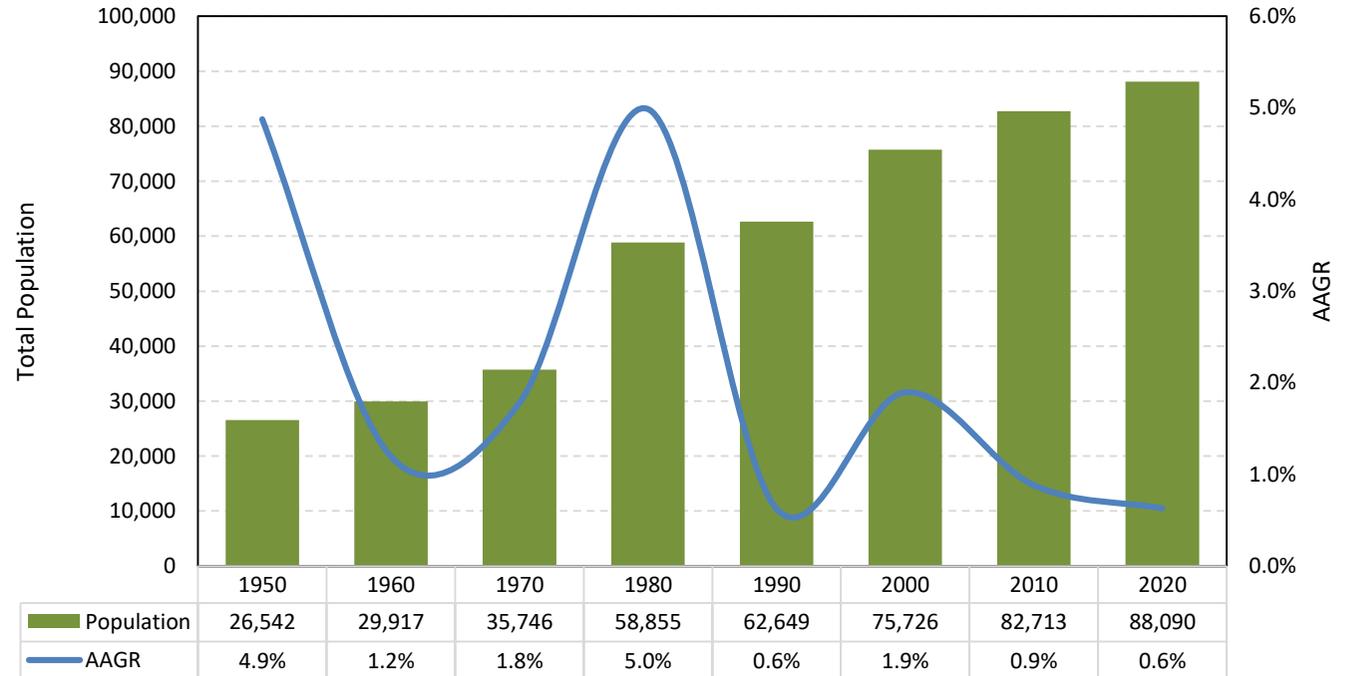
March 2022

Population: Josephine County

Josephine County

Proposed Forecast Results

Josephine County experienced the highest population growth in the 1980 Census, where the county showed an AAGR of 5% between 1970 and 1980. Growth varies between 0.6% and 1.9 % between 1990 and 2020. The 2020 Census showed an AAGR of 0.6 % between 2010 and 2020.

Historical Census Population

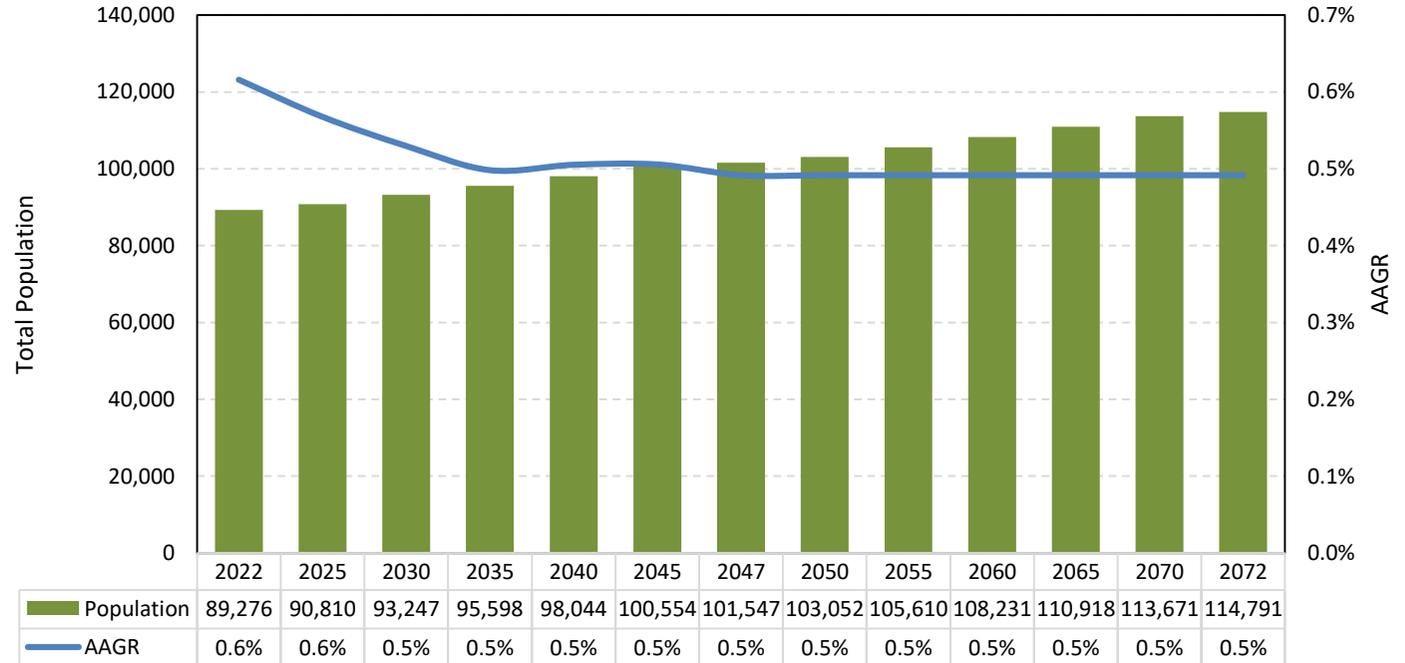|	1950	1960	1970	1980	1990	2000	2010	2020
Population	26,542	29,917	35,746	58,855	62,649	75,726	82,713	88,090
AAGR	4.9%	1.2%	1.8%	5.0%	0.6%	1.9%	0.9%	0.6%

Source: US Census Bureau Decennial Census

These numbers represent **Proposed** Forecast Results

Proposed Forecast Results

Josephine County's population is projected to grow at an AAGR at around 0.5% during the forecast period. The population in 2072 is projected to be 114,791, a 29% increase from 2022.

Population Forecast (2022-2047)

	2022	2025	2030	2035	2040	2045	2047	2050	2055	2060	2065	2070	2072
Population	89,276	90,810	93,247	95,598	98,044	100,554	101,547	103,052	105,610	108,231	110,918	113,671	114,791
AAGR	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%

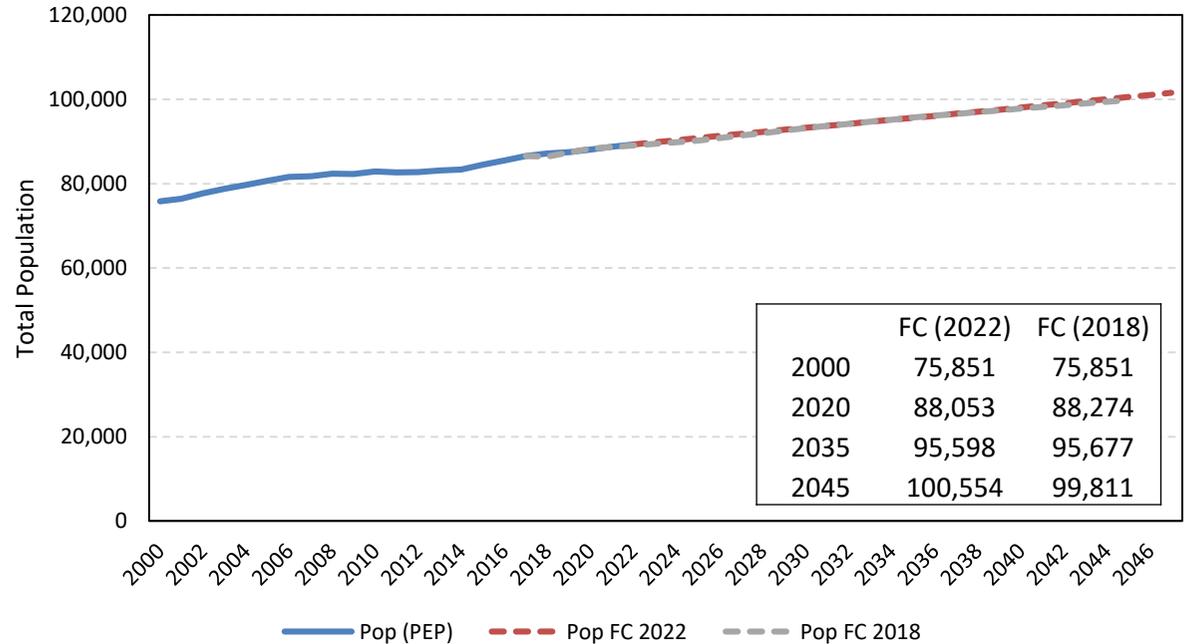**Source: Forecasted by Population Research Center (PRC)**

The current forecast display a similar trend to the 2018 forecast. County population is expected to reach 100,554 by 2045 in the current forecast, compared to 99,811 in the 2018 forecast.

Population Forecast Comparison

	FC (2022)	FC (2018)
2000	75,851	75,851
2020	88,053	88,274
2035	95,598	95,677
2045	100,554	99,811

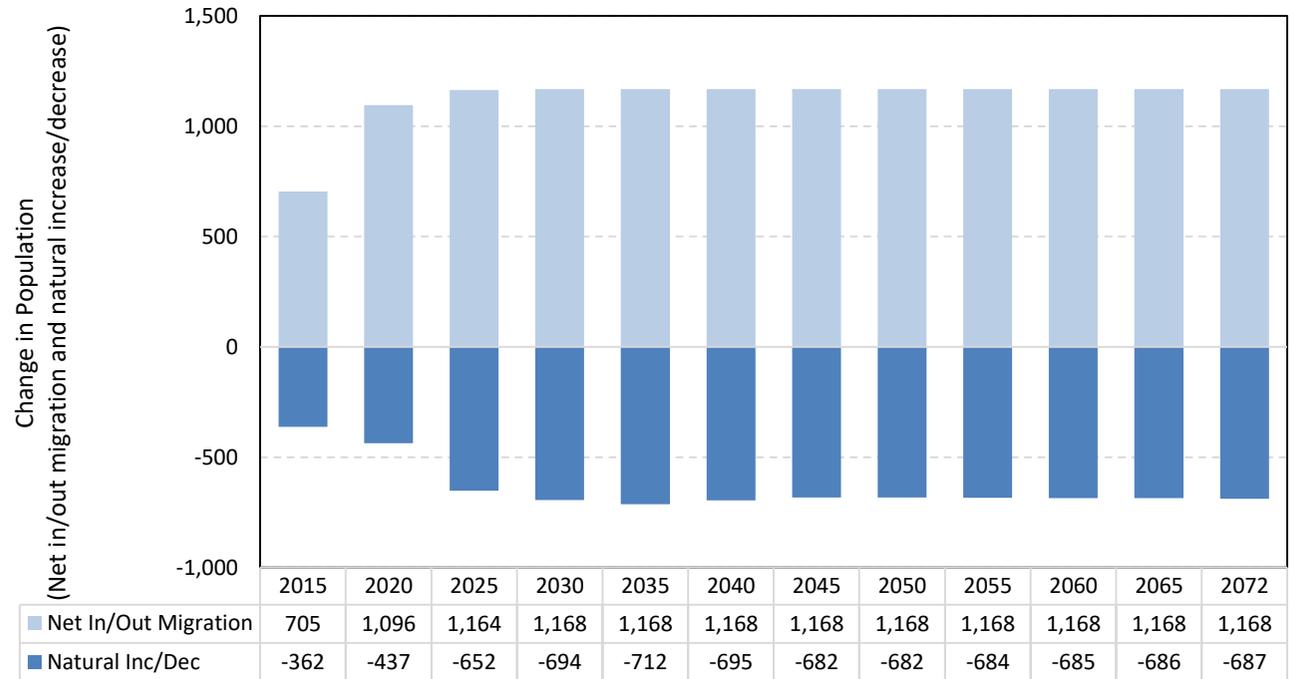Legend: Pop (PEP) —— Pop FC 2022 - - - Pop FC 2018 - - -

Source: US Census Bureau Population Estimates Program (PEP). Forecast by Population Research Center (PRC)
Note: PEP estimates may be different from the 2020 Census.

These numbers represent *Proposed* Forecast Results

Proposed Forecast Results

Natural decrease in Josephine County is projected to continue. Annual net migration is assumed to maintain at a consistent range in the lower 1,000s. Over time, natural decrease is projected to remains in the upper 600s.
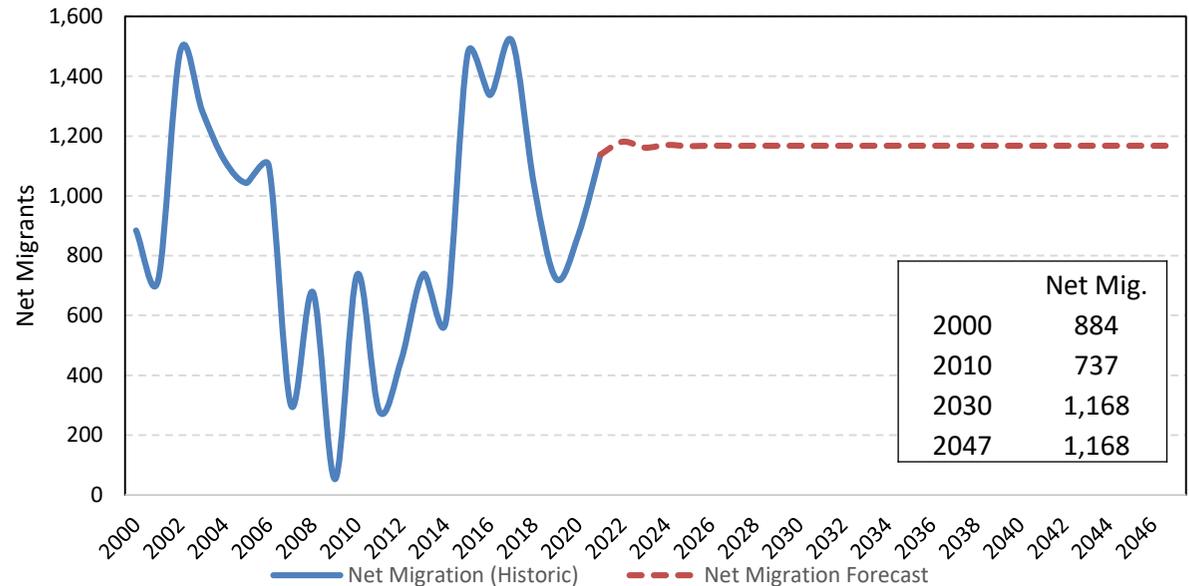
Components of Population Change by 5-year Intervals (2015-2072)

Change in Population (Net in/out migration and natural increase/decrease)

	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065	2072
Net In/Out Migration	705	1,096	1,164	1,168	1,168	1,168	1,168	1,168	1,168	1,168	1,168	1,168
Natural Inc/Dec	-362	-437	-652	-694	-712	-695	-682	-682	-684	-685	-686	-687

Source: Forecast by Population Research Center (PRC)

These numbers represent *Proposed* Forecast Results

Historical and Forecast Trends

Annual net migration reached a low point in 2009 but has shown an increasing trend over the past few years. The projected net migration reflects an average range based on historic data.

Annual Net Migration (2000-2047)

	Net Mig.
2000	884
2010	737
2030	1,168
2047	1,168

Net Migration (Historic) — — — Net Migration Forecast

Sources: US Census Bureau. Forecast by Population Research Center (PRC).

These numbers represent ***Proposed*** Forecast Results

The total fertility rate (TFR) for women age 15-44 in the county has decreased in the past few years, from 2.03 in 2017 to 1.7 in 2020. We project the TFR to be around 1.8 throughout the forecast period.
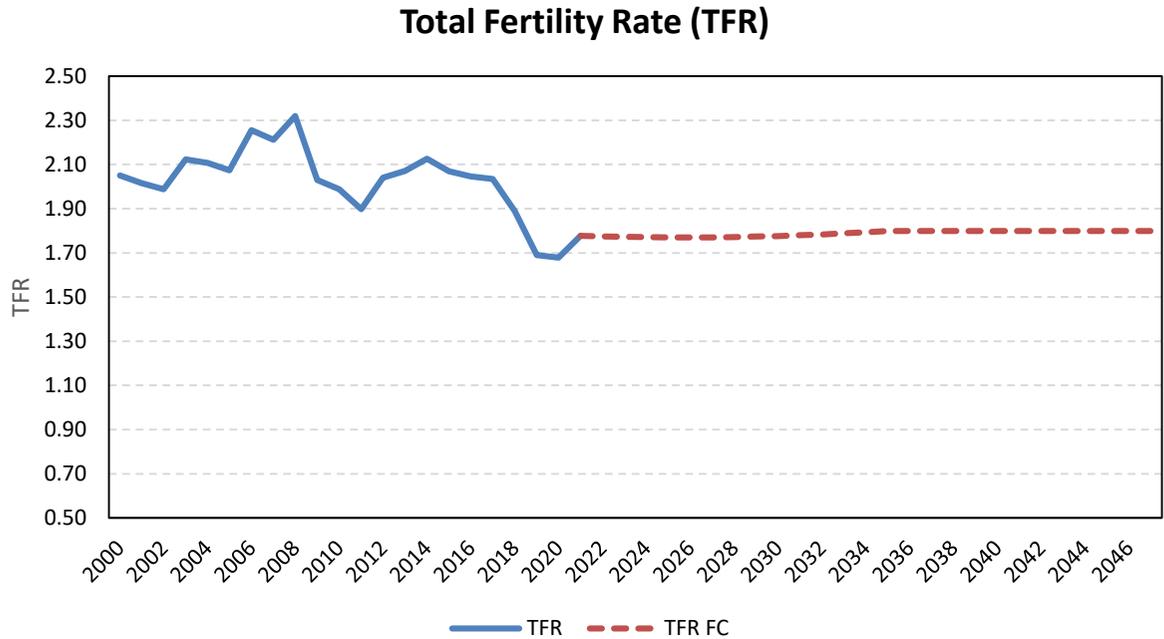
Total Fertility Rate (TFR)

Sources: Oregon Health Authority, Center for Health Statistics. Calculations and forecast by Population Research Center (PRC).
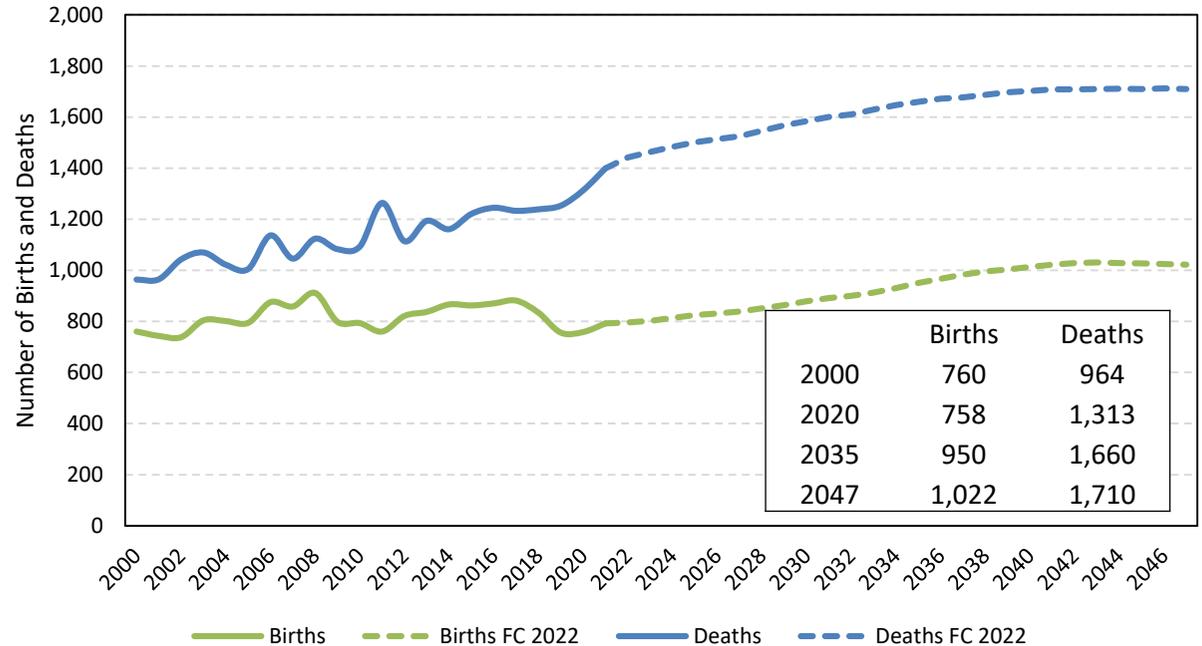
Life expectancy for both female and male is projected stay relatively stable. Female life expectancy shows a slight increasing trend and is projected to be 79.8 in 2035. Male life expectancy remains relatively consistent compared to historic trend.
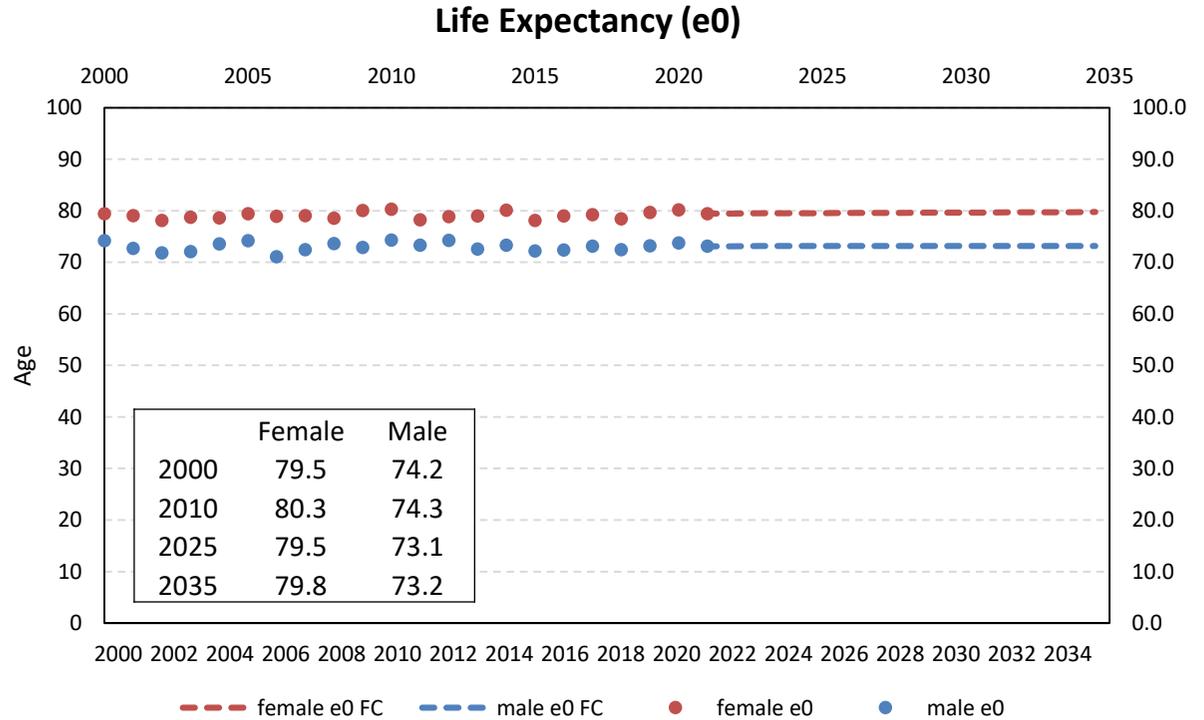
Life Expectancy (e0)

	Female	Male
2000	79.5	74.2
2010	80.3	74.3
2025	79.5	73.1
2035	79.8	73.2

Legend: — — — female e0 FC — — — male e0 FC ● female e0 ● male e0

Sources: Oregon Health Authority, Center for Health Statistics. Calculations and forecast by Population Research Center (PRC).

These numbers represent *Proposed* Forecast Results

Historical and Forecast Trends

Annual deaths are expected to continue out pace births, even though both births and deaths appear to increase over time. Annual deaths will almost double in 2047 compared to the 2000 data. In 2019, annual deaths have reached 1,253.
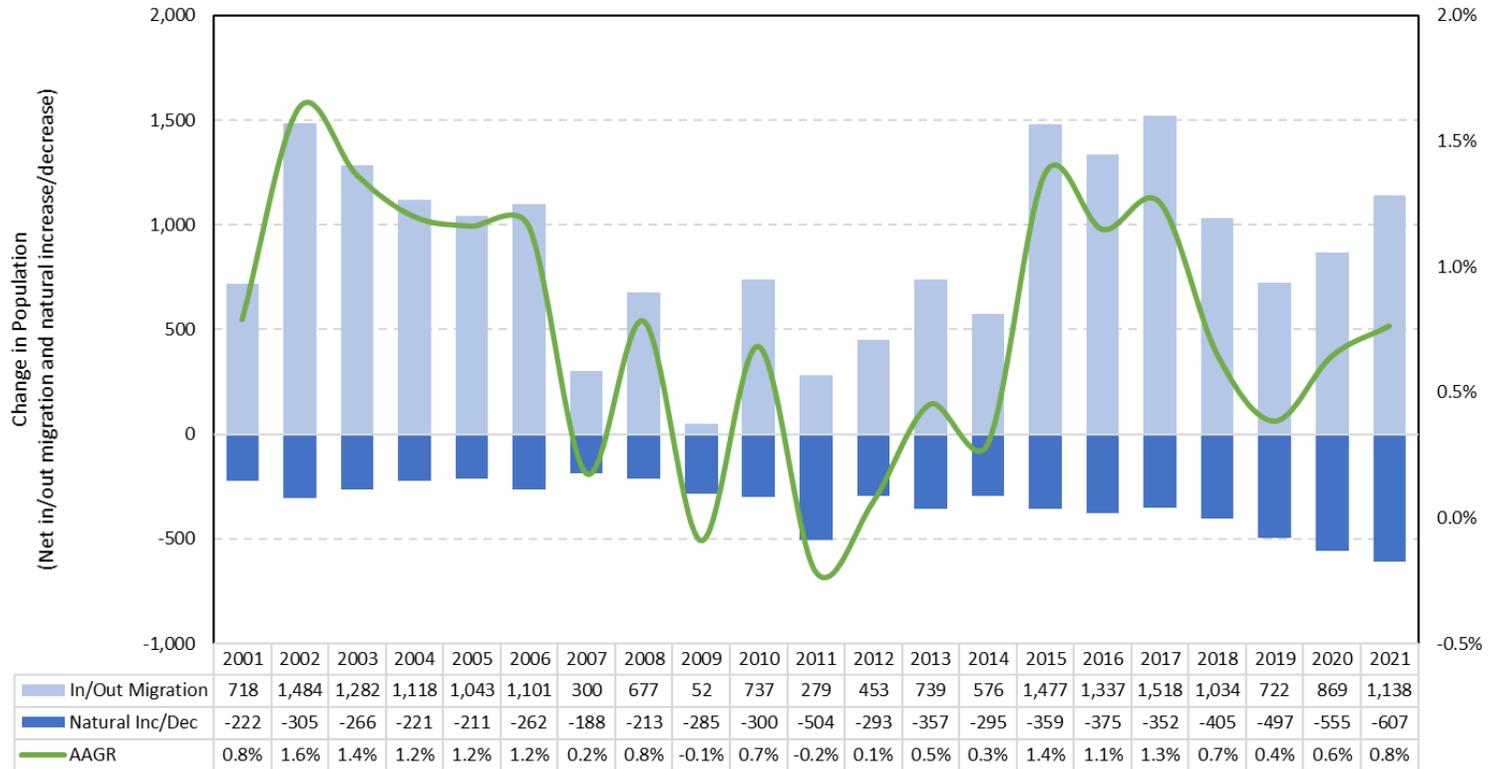
Historical and Forecast Annual Births and Deaths (2000-2047)

	Births	Deaths
2000	760	964
2020	758	1,313
2035	950	1,660
2047	1,022	1,710

Legend: Births — Births FC 2022 — Deaths — Deaths FC 2022

Source: Oregon Health Authority, Center for Health Statistics. Forecast by Population Research Center (PRC)

These numbers represent *Proposed* Forecast Results

Components of Population Change and Average Annual Growth Rate (2001-2021)

|	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
In/Out Migration	718	1,484	1,282	1,118	1,043	1,101	300	677	52	737	279	453	739	576	1,477	1,337	1,518	1,034	722	869	1,138
Natural Inc/Dec	-222	-305	-266	-221	-211	-262	-188	-213	-285	-300	-504	-293	-357	-295	-359	-375	-352	-405	-497	-555	-607
AAGR	0.8%	1.6%	1.4%	1.2%	1.2%	1.2%	0.2%	0.8%	-0.1%	0.7%	-0.2%	0.1%	0.5%	0.3%	1.4%	1.1%	1.3%	0.7%	0.4%	0.6%	0.8%

Sources: US Census Bureau. Oregon Health Authority (OHA). Calculated by Population Research Center (PRC)

Population Age Structure
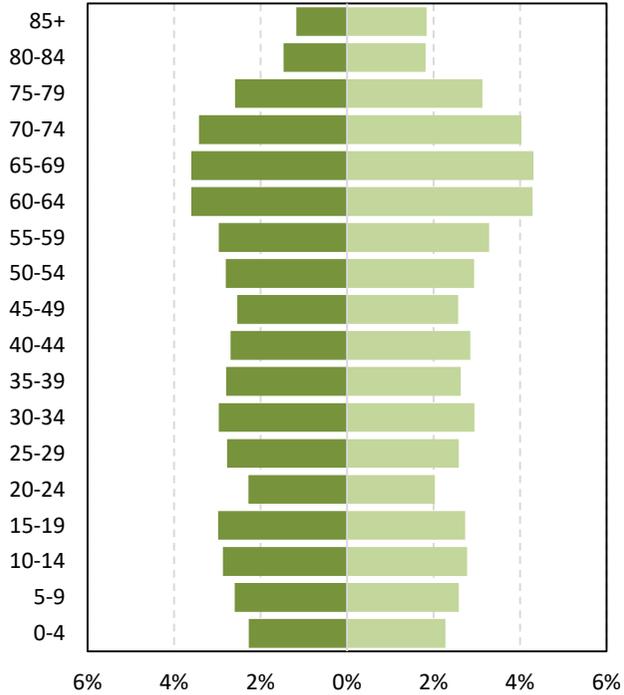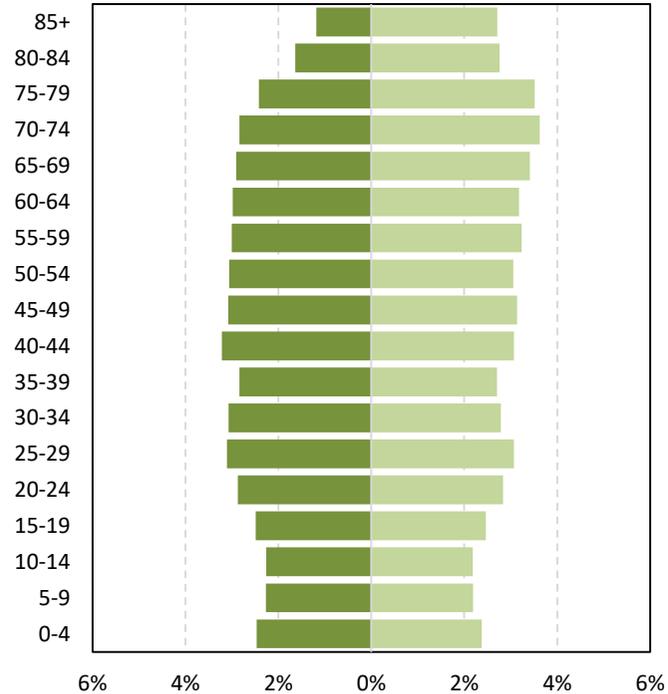
Source: Forecast by Population Research Center (PRC)
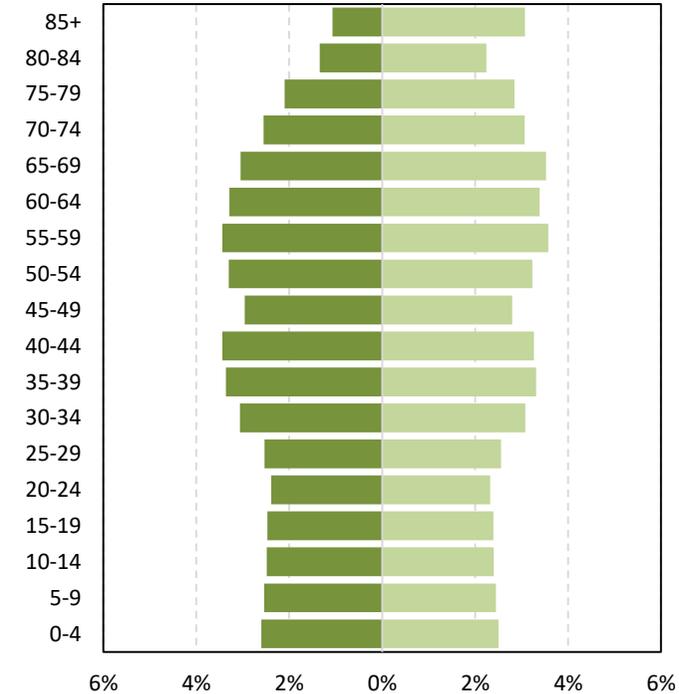Historical trend

These numbers represent *Proposed* Forecast Results

Historical and Forecast Trends

Historical and Forecast Population for Josephine County and its Sub-Areas

|	Historical			Forecast				
	2010	**2020**	**AAGR (2010-2020)**	**2022**	**2047**	**2072**	**AAGR (2022-2047)**	**AAGR (2047-2072)**
Josephine County	82,713	88,090	0.6%	89,276	101,547	114,791	0.5%	0.5%
Larger Sub-Areas								
Grants Pass	36,572	44,833	2.0%	45,633	58,617	74,392	1.0%	1.0%
Smaller Sub-Areas								
Cave Junction	2,883	3,147	0.9%	3,081	3,338	3,562	0.3%	0.3%
Outside UGBs	43,258	40,109	-0.8%	40,562	39,592	36,837	-0.1%	-0.3%

Note: UGBs are indicated by their city names. Lager sub-areas are those with populations over 8,000 in 2020.
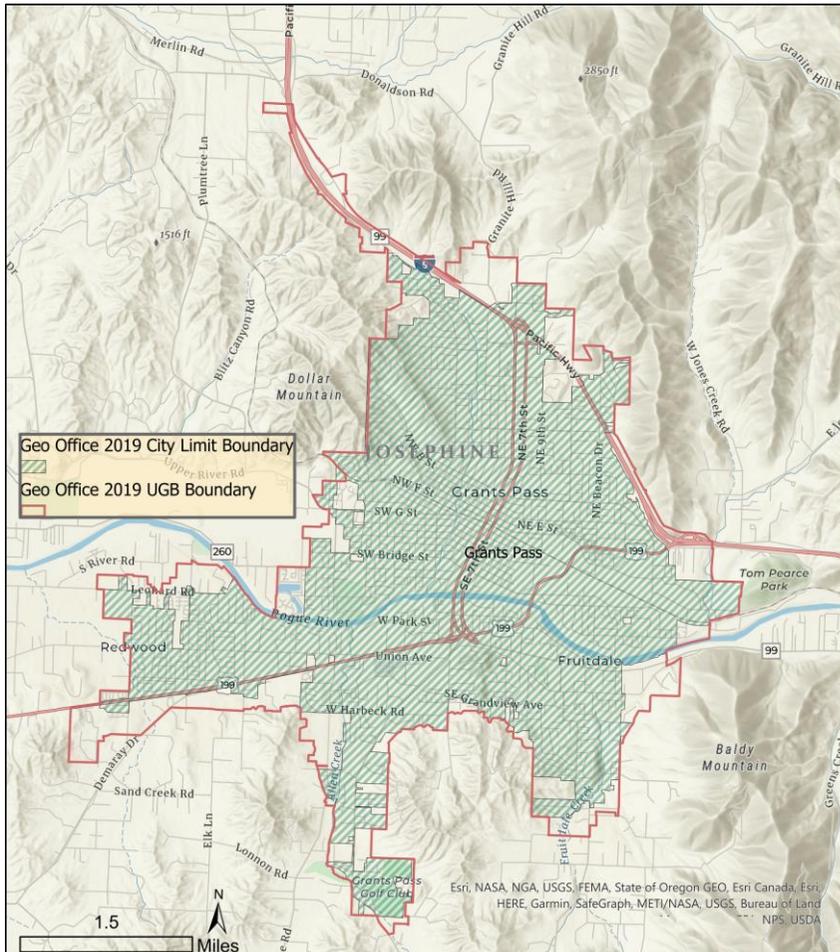**Sources: U.S. Census Bureau; Forecast by Population Research Center (PRC)**

These numbers represent *Proposed* Forecast Results

Proposed Forecast Results

This figure shows the percentage of the county population that is in each group of sub-areas. Over time, the share of population living inside the UGBs increase while the share of population outside of UGBs decrease. Grants Pass is projected to increase its share of population over time and reach nearly 65% by 2072.

Josephine County – Population Shares of Sub-Areas and Outside UGBs
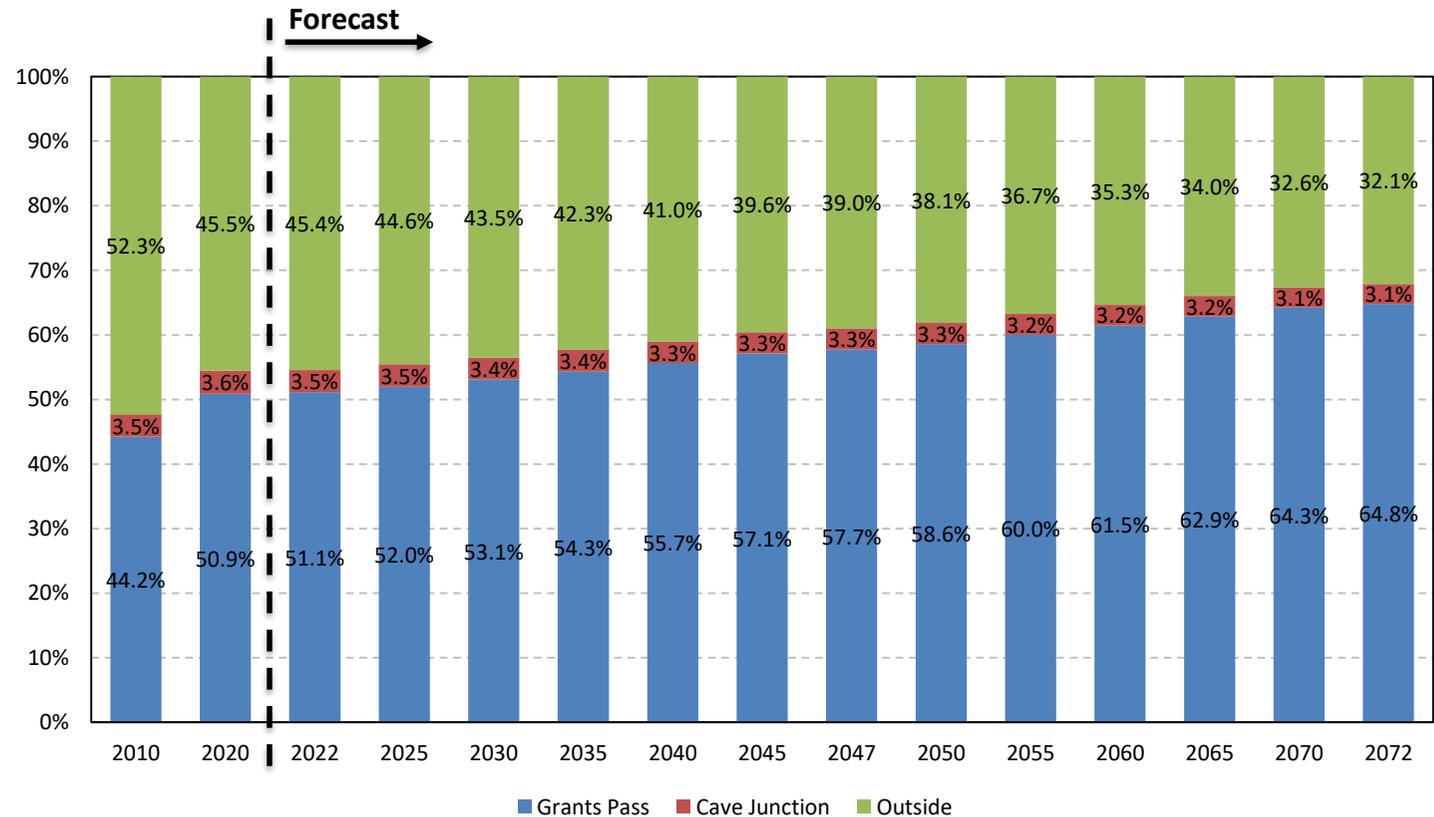
Sources: U.S. Census Bureau; Forecast by Population Research Center (PRC).
Note: Sub-areas with populations under 8,000 in 2020 were considered smaller UGBs

These numbers represent *Proposed* Forecast Results

Proposed Forecast Results

Population Distribution in Larger Sub-Areas

	Population	Share of County
Grants Pass UGB		
2022	45,633	51.1%
2047	58,617	57.7%
2072	74,392	64.8%

Sources: Forecast by Population Research Center (PRC)

These numbers represent *Proposed* Forecast Results

Proposed Forecast Results

Population Distribution in Smaller Sub-Areas

	Population			Share of County Population		
	2022	**2047**	**2072**	**2022**	**2047**	**2072**
Josephine County	89,276	101,547	114,791			
Cave Junction	3,081	3,338	3,562	3.5%	3.3%	3.1%
Outside UGBs	40,562	39,592	36,837	45.4%	39.0%	32.1%

Note: Smaller sub-areas refer to those with populations under 8,000 in 2020.
Sources: Forecast by Population Research Center (PRC)

Key Takeaways

1. We expect Josephine County's population to grow at an AAGR of ~0.5% during most of years within the forecast time horizon.
2. Annual net migration is projected to remain in the lower 1,000s throughout the forecast period with little change.
3. Both annual births and deaths are expected to show an increasing trend. Annual deaths will continue to outnumber births.
4. The population ages forward over time, with the oldest age group account for a larger share of population. Younger population displays some recovery, which may mainly be associated with in-migration in those age groups.
5. The Grants Pass UGB will continue to take the largest share of population in the county. Over time, the share of population outside of UGBs is expected to drop.

Race and ethnicity breakdown in 2010 and 2020

Hispanic or Latino and Race	2010		2020		Absolute Change	Relative Change
Total Population	82,713		88,090		5,377	6.5%
Hispanic or Latino (of any race)	5,251	6.3%	7,037	8.0%	1,786	34.0%
Not Hispanic or Latino	77,462	93.7%	81,053	92.0%	3,591	4.6%
White alone	73,289	88.6%	72,730	82.6%	-559	-0.8%
Black or African American alone	295	0.4%	368	0.4%	73	24.7%
American Indian and Alaska Native alone	966	1.2%	883	1.0%	-83	-8.6%
Asian alone	667	0.8%	870	1.0%	203	30.4%
Native Hawaiian and Other Pacific Islander alone	117	0.1%	123	0.1%	6	5.1%
Some Other Race alone	77	0.1%	493	0.6%	416	540.3%
Two or More Races	2,051	2.5%	5,586	6.3%	3,535	172.4%

Sources: US Census Bureau, 2010 and 2020 Decennial Census

Additional Historical Trends

These two age pyramids show the population from the 2000 and 2010 Census. Over time, the population ages forward. The older population accounts for an increasing share of the total population while the share of younger populations decreased.
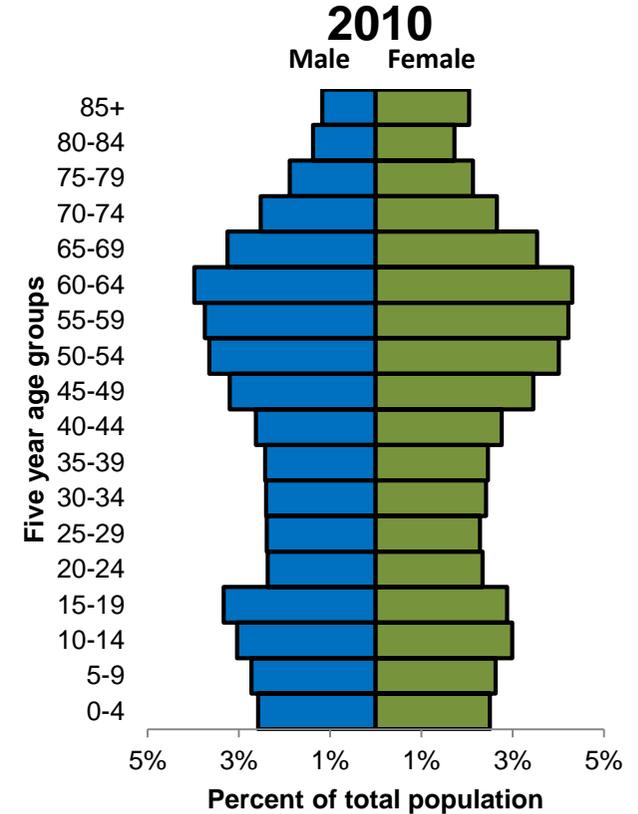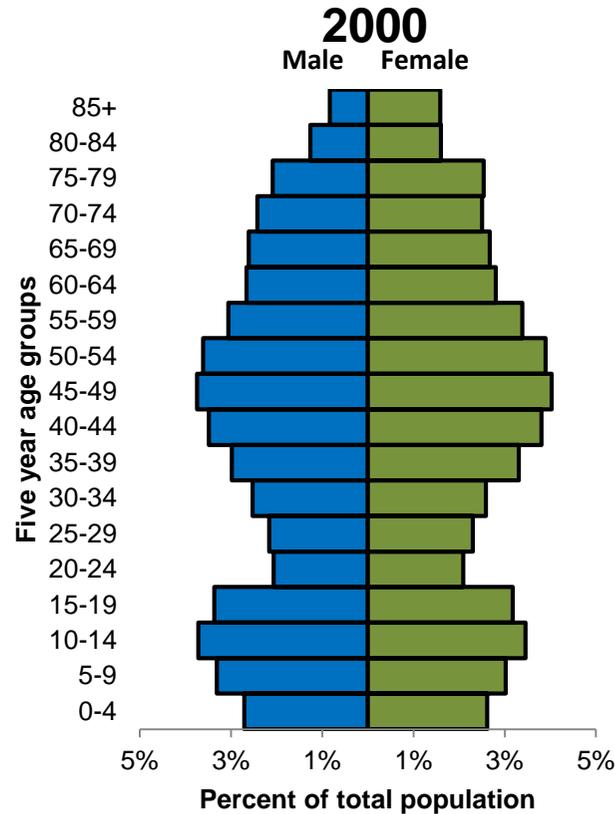
Sources: US Census Bureau, 2000 and 2010 Decennial Census

State and county level age-specific fertility rates

Sources: U.S. Census Bureau, 2000 and 2010 Censuses. PRC Estimates. Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).