



**WASHOE COUNTY COMMISSION**

1001 E. 9th Street  
Reno, Nevada 89512  
(775) 328-2000

**RESOLUTION  
ADOPTING AN AMENDMENT TO THE WASHOE COUNTY MASTER PLAN,  
POPULATION ELEMENT (WMPA20-0006)**

WHEREAS, on August 4, 2020, the Washoe County Planning Commission initiated and recommended approval of an amendment to the master plan to conform to the adopted 2019 Truckee Meadows Regional Plan (TMRP) by including language recognizing the use of the most current adopted Washoe County Consensus Forecast, and removing specific data from the previous Washoe County Consensus Forecast;

WHEREAS, on September 22, 2020, the Washoe County Board of Commissioners held a public hearing on Master Plan Amendment Case Number WMPA20-0006 (Population Element) which amends the Washoe County Master Plan, Population Element, to conform to the adopted 2019 Truckee Meadows Regional Plan (TMRP) by including language recognizing the use of the most current adopted Washoe County Consensus Forecast, and removing specific data from the previous Washoe County Consensus Forecast;

WHEREAS, upon completion of the public hearing on September 22, 2020, this Board voted to adopt the proposed amendment, having made the following findings made by this Board in accordance with Washoe County Code Section 110.820.15:

1. Consistency with Master Plan. The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan.
2. Compatible Land Uses. The proposed amendment will provide for land uses compatible with (existing or planned) adjacent land uses, and will not adversely impact the public health, safety or welfare.
3. Response to Change Conditions. The proposed amendment responds to changed conditions or further studies that have occurred since the plan was adopted by the Board of County Commissioners, and the requested amendment represents a more desirable utilization of land.
4. Availability of Facilities. There are or are planned to be adequate transportation, recreation, utility, and other facilities to accommodate the uses and densities permitted by the proposed Master Plan designation.
5. Desired Pattern of Growth. The proposed amendment will promote the desired pattern for the orderly physical growth of the County and guides development of the County based on the projected population growth with the least amount of natural resource impairment and the efficient expenditure of funds for public services.
6. Effect on a Military Installation. The proposed amendment will not affect the location, purpose and mission of a military installation.

WHEREAS, Under NRS 278.0282, before this adoption can become effective, this Board must submit this proposed amendment to the Truckee Meadows Regional Planning Commission

and receive a final determination that the proposed amendment conforms with the Truckee Meadows Regional Plan;

**NOW THEREFORE BE IT RESOLVED,**

That this Board of County Commissioners does hereby ADOPT the amendment to the Population Element of the Washoe County Master Plan (Case No. WMPA20-0006), as set forth in Exhibit A-1 attached hereto, to become effective if and when the County has received a final determination that the amendment conforms to the Truckee Meadows Regional Plan.

ADOPTED this 22nd day of September 2020, to be effective only as stated above.

WASHOE COUNTY COMMISSION

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Bob Lucey, Chair

ATTEST:

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Nancy Parent, County Clerk

Exhibit A-1



**Department of  
Community Development**

# **Comprehensive Plan Population Element**



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**Department of  
Community Development**

# **Comprehensive Plan Population Element**

This document is one of a series that, as adopted, constitutes a part of the Master Plan for Washoe County, Nevada. This document is available for \$10.00 from the Washoe County Department of Community Development. If you have a copy of the Washoe County Comprehensive Plan notebook, please place this behind the Population Element tab. The Washoe County Comprehensive Plan can also be found on our department's website.

In accordance with Article 820 of the Washoe County Development Code, the Population Element (CP06-018) was adopted by Resolution No. 08-19 of the Washoe County Planning Commission on October 7, 2008, by the Washoe County Commission on November 10, 2008 and found in conformance with the Truckee Meadows Regional Plan by the Regional Planning Commission on January 14, 2009. Copies of the adopting resolutions are kept in the Washoe County Planning Commission and Washoe County Commission archival files.

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## **Acknowledgments**

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## Introduction

Nevada Revised Statutes, Section 278.170, requires that counties with populations in excess of 100,000 persons prepare a population element as part of their Comprehensive Plan. The purpose of the Population Element is to provide a method for entities to identify the projected growth in population and to set forth plans, policies and action programs through which the needs of the projected population will be met. The Washoe County Comprehensive Plan Population Element examines the population in terms of past and projected growth, generalized age groups, employment, income and land uses supported by the adopted land use plan through the year [2030-2038](#).

The impacts associated with projected growth patterns are related to the various subject areas of the Comprehensive Plan. In addition to the Population Element, the Conservation Element addresses issues related to aspects of archaeological and historic significance; scenic resources, land resources such as soils and topography; and water issues such as the availability and use of surface water and groundwater, the treatment of wastewater and urban storm water, flood control, floodplains, wetlands and fisheries; and air quality issues as they relate to strategies for dealing with the increased stationary and mobile emissions which are attributed to new growth. The Land Use and Transportation Element (LUTE) addresses issues related to adequately providing for the land use and transportation systems that will be needed for the projected housing and land use demands, while concurrently discouraging sprawled communities where the automobile is viewed as a necessity to obtain daily amenities. The Public Services and Facilities Element addresses issues relating to the provision of necessary services and infrastructure to support the existing and future population base of unincorporated Washoe County.

## Population Forecasting Background

The Truckee Meadows Regional Planning Agency (TMRPA) Regional Plan (Regional Plan) sets forth requirements that each of the jurisdictions utilize Consensus Forecasting as the primary technique in developing a population forecast. Washoe County [and its regional partners](#) most recently developed the [2008-2018](#) Consensus Forecast with a [2018-2038](#) ~~2008-2030~~ forecasted time frame that took into account the variables of population growth rates, age distribution, employment, and income. The previous Consensus Forecast ([2003-2016-2025-2036](#)) was developed in [2003-2016](#).

## ~~2008-2030~~ Consensus Forecast

The [most current Consensus for Washoe County, at the time of this writing is the 2008-2018](#) Consensus Forecast for Washoe County [which](#) uses a number of leading forecasts, which has several advantages over using a single source for forecasting population. The consensus approach minimizes the risk of large forecast errors and consensus forecasts consistently outperform individual forecasts across a range of variables. [Washoe County recognizes the use of the most current adopted version of the Washoe County Consensus Forecast for all master planning and regional planning activities.](#)

[The most current Consensus for Washoe County is available at \[tmrpa.org\]\(http://tmrpa.org\), and is incorporated herein, by reference.](#)

~~Five reputable sources of long-term forecasts for Washoe County were used: Global Insight, a national forecasting firm in Massachusetts that prepares national, state and county forecasts; NPA Data Services, Inc., a national forecasting firm in Arlington, VA that forecasts for every county in the United States, as well as state and national forecasts; Truckee Meadows Water Authority's Population and Employment Econometric Model; Woods and Poole, a national forecasting firm in Washington, DC that forecasts for every county in the United States, as well as state and national forecasts; and the 2006 State Demographer's Forecast.~~

The 2008 Consensus Forecast uses these sources and outlines the projected population, employment and income for Washoe County through the year 2030. The forecasts in this document are for all of Washoe County (Reno MSA) including both the cities of Reno and Sparks and the unincorporated areas of Washoe County, including Incline Village. A summary of the consensus forecast for Washoe County is shown in Table 1.

**Table One: Washoe County Consensus Forecast Summary**

**Table 1**  
**Washoe County Consensus Forecast Summary**

<b>Year</b>	<b>Total Population</b>	<b>Total Establishment Based Employment</b>	<b>Total Personal Income \$ ('000)</b>	<b>Per Capita Income</b>
2008	419,037	291,360	\$17,803,397	\$43,041
2010	437,439	304,640	\$19,322,433	\$44,832
2015	483,803	338,685	\$23,673,633	\$49,823
2020	528,654	373,960	\$28,733,037	\$55,217
2025	573,332	410,670	\$34,688,380	\$61,058
2030	620,323	449,883	\$42,010,473	\$67,975

The forecasts prepared by Global Insight, NPA Data Services, Inc., Truckee Meadows Water Authority, Woods and Poole, and the 2006 State Demographer's Forecast were compared for consistency and then averaged to arrive at a consensus number. When comparable numbers were not available from each of the five sources, only the numbers that were comparable were averaged. When less than five sources were used, it is noted in the text.

**Table 2: Nevada State Demographer's 2006 Forecast**

**The 2006 Nevada State Demographer's  
Forecast of Washoe County Population (2006–2030\*)**

<b>Year</b>	<b>Population</b>
2006	406,223
2007	415,775
2008	425,554
2009	435,535
2010	445,660
2011	455,878
2012	466,152
2013	476,300
2014	486,292
2015	496,074
2016	505,614
2017	514,856
2018	523,837
2019	532,567
2020	541,002
2021	549,150
2022	557,050
2023	564,695
2024	572,112
2025	579,299
2026	586,248
<b>*2027</b>	<b>595,249</b>
<b>*2028</b>	<b>604,250</b>
<b>*2029</b>	<b>613,251</b>
<b>*2030</b>	<b>622,252</b>

Source: Washoe County and Nevada State Demographer.

\*Note — The latest version (2007) of the Nevada State Demographer's Forecast is not available at time of printing the 2008 Consensus Forecast. The number of new persons added for each year from 2006 to 2026 was averaged (9,001) and applied to this existing forecast in order to extend the population figures to 2030.

Cooperatively, Washoe County and the Nevada State Demographer prepare annual population estimates for July 1 of each year.

## Population

According to the 2008 Consensus Forecast, total population in Washoe County is projected to grow from 419,037 in 2008 to 620,323 in 2030. This represents an average annual growth rate of 1.48 percent. The highest forecasted population for 2030 was 665,150 from NPA Data Services, Inc., and the lowest forecasted population was 539,220 from Woods and Poole. The 2008 and 2030 forecasted population by each source is shown in Table 3.

**Table Three: Population by Forecast Source**

**Table 3  
Population by Forecast Source**

<b>Forecast Source</b>	<b>2008 Population</b>	<b>2030 Population</b>
Global Insight	414,900	649,710
NPA Data Services, Inc.	417,440	665,150
Truckee Meadows Water Authority (TMWA)	428,780	625,285
Woods and Poole	408,510	539,220
2006 State Demographer's Forecast	425,554	622,252
<b>Consensus Forecast (Five Sources)</b>	<b>419,037</b>	<b>620,323</b>

Source: Washoe County, Global Insight, NPA, Woods and Poole, TMWA, and 2006 State Demographer's Forecast.

Most recent vital statistics from the Center for Health Data and Research Nevada State Health Division data show that the natural increase in population (i.e., births minus deaths) results in a "natural" growth rate of 0.71 percent per year. When compared to the forecast for total population, which is projected to grow at an average annual rate of 1.48 percent, the remaining component of the growth rate that results from other factors (net in-migration) is 0.77 percent.

The consensus population forecast for each year is shown in Table 4.

**Table Four: Washoe County Population 2008-2030**

**Table 4  
Washoe County Population 2008 – 2030**

Year	Population
2008	419,037
2009	428,195
2010	437,439
2011	446,883
2012	456,215
2013	465,550
2014	474,670
2015	483,803
2016	492,789
2017	501,795
2018	510,722
2019	519,742
2020	528,654
2021	537,639
2022	546,515
2023	555,480
2024	564,348
2025	573,332
2026	582,242
2027	591,692
2028	601,181
2029	610,725
2030	620,323

Source: Washoe County, NPA, Global Insight, Woods and Poole, TMWA, and 2006 State Demographer's Forecast.

According to the 2008 Consensus Forecast, the age distribution of the population is expected to shift over the next two decades. Changes of note include the continued aging of the baby boomer population, a decrease in the working group (ages 20-64) and a marked increase in the retired group (ages 65 and older). Population by cohort data is available from Global Insight, NPA Data Services, Inc. and Woods and Poole, however, this data is not available from TMWA or the 2006 State Demographer's Forecast. Population by 5-year Age Cohort for 2008 – 2030 is shown in Table 6 on page 7.

**Table Five: Population and Percent Composition of Total Population by Generalized Age Groups****Table 5  
Population and Percent Composition of Total Population by Generalized Age Groups**

Generalized Age Group	2008		2030	
	Population	Percent of Total	Population	Percent of Total
Preschool (Ages 0-4)	29,243	7%	43,483	7%
School (Ages 5-19)	83,911	20%	123,483	20%
Working (Ages 20-64)	251,731	61%	344,293	56%
Retired (Ages 65 and older)	48,753	12%	106,767	17%
Totals*	413,638	100%	618,026	100%

Source: Washoe County, Global Insight, NPA and Woods and Poole.

Note: \*Population by cohort is not available from Truckee Meadows Water Authority or 2006 State Demographer's Forecast

**Table Six: Consensus Population Forecast by 5-year Age Cohort 2008-2030****Table 6  
Consensus Population Forecast by 5-year Age Cohort 2008—2030**

Age	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
0-4	29,243	29,940	30,493	31,130	31,783	32,440	33,087	33,743	34,380	35,020	35,637
5-9	27,427	27,950	28,637	29,257	29,893	30,543	31,247	31,817	32,453	33,133	33,807
10-14	27,437	27,760	28,070	28,390	28,787	29,277	29,890	30,397	32,257	31,643	32,300
15-19	29,047	29,453	29,780	30,213	30,570	30,887	31,280	31,643	31,973	32,643	32,913
20-24	29,347	30,203	31,107	31,923	32,690	33,337	33,777	34,160	34,640	35,057	35,390
25-29	28,673	29,310	30,080	30,620	31,237	31,810	32,500	33,280	33,967	34,653	35,200
30-34	27,580	28,097	28,430	29,050	29,550	30,157	30,780	31,537	32,033	32,637	33,203
35-39	29,060	29,193	29,443	29,760	30,170	30,753	31,227	31,537	32,673	32,673	33,307
40-44	28,977	29,040	29,323	29,637	29,930	30,113	30,227	30,467	30,750	31,140	31,683
45-49	31,087	31,340	31,367	31,367	31,423	31,503	31,760	32,240	32,733	33,223	33,607
50-54	29,837	30,267	30,773	31,170	31,507	31,793	32,093	32,193	32,250	32,380	32,530
55-59	25,993	26,623	27,150	27,680	28,193	28,640	28,913	29,273	29,557	29,793	29,990
60-64	21,177	22,110	23,047	23,813	24,323	24,830	25,453	25,967	26,463	26,953	27,387
65-69	16,137	16,973	17,790	18,643	19,570	20,447	21,203	22,013	22,670	23,087	23,520
70-74	11,883	12,370	12,890	13,440	14,087	14,733	15,047	16,020	16,693	17,363	18,167
75+	20,733	21,627	22,613	23,673	24,817	26,040	27,337	28,863	30,100	31,680	33,290
Total	413,638	422,256	430,993	439,766	448,530	457,303	465,821	475,150	485,592	493,078	501,931

**Table Six: Consensus Population Forecast by 5-year Age Cohort 2008-2030 (continued)**

Age	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
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## Washoe County Comprehensive Plan

## POPULATION ELEMENT

0-4	36,290	36,923	37,557	38,190	38,837	39,483	40,157	40,820	41,490	42,133	42,817	43,483
5-9	34,487	35,157	35,833	36,487	37,140	37,770	38,420	39,053	39,710	40,330	40,950	41,583
10-14	33,033	33,613	34,280	34,980	35,700	36,407	37,120	37,820	38,513	39,157	39,793	40,423
15-19	33,410	34,127	34,813	35,523	36,263	37,077	37,727	38,463	39,240	39,990	40,737	41,477
20-24	35,850	36,227	36,593	37,030	37,610	38,140	38,967	39,753	40,580	41,393	42,287	42,970
25-29	35,540	35,777	36,130	36,397	36,580	36,877	37,083	37,277	37,500	38,007	38,467	39,260
30-34	33,927	34,710	35,430	36,127	36,683	36,993	37,230	37,557	37,793	38,073	38,470	38,750
35-39	33,973	34,767	35,320	35,973	36,627	37,430	38,327	39,137	39,923	40,673	41,167	41,603
40-44	32,127	32,377	32,957	33,423	34,027	34,643	35,407	35,917	36,530	37,250	38,123	39,090
45-49	33,957	34,413	34,950	35,570	36,357	37,037	37,550	38,380	39,150	39,877	40,637	41,530
50-54	32,860	33,377	33,923	34,443	34,880	35,257	35,770	36,330	37,007	37,650	38,187	38,537
55-59	30,230	30,253	30,263	30,317	30,403	30,643	31,063	31,490	31,903	32,173	32,393	32,723
60-64	27,657	27,993	28,287	28,527	28,737	28,980	29,033	29,067	29,153	29,227	29,447	29,830
65-69	24,083	24,527	24,960	25,397	25,787	26,017	26,317	26,563	26,763	26,937	27,167	27,187
70-74	18,803	19,460	20,013	20,340	20,720	21,187	21,583	21,940	22,327	22,667	22,863	23,137
75+	34,947	36,667	38,447	40,400	42,393	44,353	46,370	48,343	50,270	52,313	54,397	56,443
<b>Total</b>	<b>511,174</b>	<b>520,368</b>	<b>529,756</b>	<b>539,124</b>	<b>548,744</b>	<b>558,294</b>	<b>568,124</b>	<b>577,910</b>	<b>587,852</b>	<b>597,850</b>	<b>607,902</b>	<b>618,026</b>

Source: ~~Washoe County, NPA, Global Insight and Woods and Poole.~~

Note: ~~Population by cohort is not available from Truckee Meadows Water Authority or 2006 State Demographer's Forecast, therefore the total population number is slightly lower than the Washoe County Consensus Forecast figures.~~

## Employment

According to the 2008 Consensus Forecast, employment for all of Washoe County is projected to grow from 291,360 in 2008 to 449,883 in 2030. This represents an average annual growth rate of 1.6 percent. The 2008 and 2030 forecasted employment and percent of total employment by industry group is shown below in Table 7. To allow for consistency within employment sectors, only employment data from NPA Data Services and Woods and Poole forecasts was used.

**Table Seven: Employment and Percent Composition of Total Establishment Based Employment by Industry Group**

**Table 7  
Employment and Percent Composition of Total  
Establishment Based Employment by Industry Group**

Employment by Industry Group	2008		2030	
	Jobs	Percent of Total	Jobs	Percent of Total
Natural Resources	2,833	1%	5,007	1%
Construction	26,458	9%	38,558	9%
Manufacturing	16,656	6%	26,553	6%
Transportation, Communication and Public Utilities	15,748	5%	23,204	5%
———	14,377	5%	25,568	6%
Retail Trade	37,904	13%	60,567	13%
Finance, Insurance, & Real Estate	30,993	11%	49,586	11%
Services	116,930	40%	179,688	40%
Government	29,391	10%	41,055	9%
<b>Totals</b>	<b>291,360</b>	<b>100%</b>	<b>449,883</b>	<b>100%</b>

Source: Washoe County, NPA and Woods and Poole.

Note: The employment data include wage and salary workers, proprietors, private household employees, and miscellaneous workers of full and part-time jobs. Because part-time workers are included, a person holding two part-time jobs would be counted twice. Jobs are counted by place of work and not place of residence of the worker. Therefore, a job in the Reno Metropolitan Area is counted in Washoe County, regardless of where the worker resides. Due to rounding, the "Percent of Total" may not add up to 100%.

Industry sectors remain remarkably stable from 2008 to 2030. An increase is seen in Wholesale Trade, up from 5% to 6%, while the Government sector suffers a slight decline, from 10% to 9%. The industries that represent the largest percentage of total employment in 2030 are Services, Finance, Insurance and Real Estate (FIRE) and Retail Trade. The largest numeric increase is in the Services sector, up 62,758 jobs, followed by Retail Trade, with an increase of 22,633 jobs.

The industries that represent the smallest percentage of total employment in 2030 are Natural Resources, Manufacturing, Wholesale Trade and Transportation, Communication and Public Utilities. The smallest numeric increase is seen in the Natural Resources category (comprised of Mining, Agricultural Services, Other and Farm Based employment sectors) with an increase of just 2,174 jobs. Transportation, Communication and Public Utilities has the second smallest numeric increase over time, at 7,456 jobs.

The consensus employment forecast by year is listed in Table 8.

~~Table Eight: Washoe County Establishment Based Employment 2008-2030~~

**Table 8**  
**Washoe County Establishment Based Employment 2008 – 2030**

<b>Year</b>	<b>Employment</b>
2008	291,360
2009	298,100
2010	304,640
2011	311,455
2012	318,360
2013	325,030
2014	331,975
2015	338,685
2016	345,695
2017	352,720
2018	359,780
2019	366,860
2020	373,960
2021	381,090
2022	388,580
2023	395,785
2024	403,370
2025	410,670
2026	418,360
2027	426,120
2028	433,960
2029	441,880
2030	449,883

~~Source: Washoe County, NPA and Woods and Poole.~~

~~Note: Total establishment based employment is based on NPA Data Services, Inc. and Woods and Poole forecasts. The Truckee Meadows Water Authority forecast does not provide data regarding employment.~~

## Income

According to the 2008 Consensus Forecast, total personal income is expected to grow from \$17,803,397 in 2008 to \$42,010,473 in 2030. This represents the total personal income received by persons from wages and salaries, other labor income, and transfer payments less personal contributions for social insurance as adjusted for place of residence. All personal income data are presented in 2004 dollars. This is used to measure the "real" change in earnings and income when inflation is taken into account. The consensus forecast for total personal income for each year is shown in Table 9.

**Table Nine: Washoe County Total Personal Income 2008-2030**

**Table 9  
Washoe County Total Personal Income 2008–2030**

Year	Total Personal Income \$ ('000)
2008	17,803,397
2009	18,550,337
2010	19,322,433
2011	20,147,713
2012	21,002,110
2013	21,852,070
2014	22,757,853
2015	23,673,633
2016	24,635,127
2017	25,626,317
2018	26,646,637
2019	27,675,017
2020	28,733,037
2021	29,840,343
2022	30,987,837
2023	32,169,760
2024	33,402,743
2025	34,688,380
2026	36,023,317
2027	37,477,263
2028	38,948,053
2029	40,472,320
2030	42,010,473

Source: Washoe County, NPA, Global Insight and Woods and Poole.

Note: Total personal income is based on Global Insight, NPA Data Services, Inc. and Woods and Poole forecasts. The Truckee Meadows Water Authority forecast or 2006 State Demographer's Forecast does not provide data regarding income.

The consensus forecast for per capita personal income for each year is listed below:

**Table Ten: Washoe County Per Capita Personal Income 2008-2030**

**Table 10**  
**Washoe County Per Capita Personal Income 2008–2030**

Year	Per Capita Personal Income
2008	43,041
2009	43,931
2010	44,832
2011	45,815
2012	46,824
2013	47,785
2014	48,855
2015	49,823
2016	50,732
2017	51,972
2018	53,088
2019	54,140
2020	55,217
2021	56,328
2022	57,478
2023	58,624
2024	59,830
2025	61,058
2026	62,334
2027	63,753
2028	65,147
2029	66,577
2030	67,975

Source: Washoe County, Global Insight, NPA and Woods and Poole.

Note: Total per capita personal income is based on Global Insight, NPA Data Services, Inc. and Woods and Poole forecasts. The Truckee Meadows Water Authority forecast and 2006 State Demographer's Forecast does not provide data regarding income.

## Jurisdictional Splits

Reno, Sparks and Washoe County use the Governor's certified population estimates of 2007 as a starting point for determining jurisdictional forecasts for the year 2030.

**Table Eleven: 2007 Governor's Certified Population Estimates**

**Table 11**  
**2007 Governor's Certified Population Estimates**

Washoe County Total 2007	418,061
Reno City Total 2007	220,613
Sparks City Total 2007	89,449
Unincorporated Washoe County Total 2007	107,999

In 2007, each jurisdiction contained the following percent of total population:

**Table Twelve: 2007 Jurisdictional Percent of Total Population**

**Table 12**  
**2007 Jurisdictional Percent of Total Population**

Reno Percent of Total	52.77%
Sparks Percent of Total	21.40%
Unincorporated Washoe County Percent of Total	25.83%

An analysis of historic census and estimated population figures since 1980 shows these jurisdictional percentages have remained relatively stable over time, with little apparent impact attributable to previous regional plans (prior to the 2007 Truckee Meadows Regional Plan Update) or conforming jurisdiction master plans.

In the 2008 Consensus Forecast, there was a desire to reflect a potential impact of the 2007 Truckee Meadows Regional Plan on jurisdictional shares of population through the year 2030. The influence of plan policies on growth and development patterns, and the possible impacts on future settlement patterns are the subject of significant debate and reflect a different approach to forecasting in a multi-jurisdictional environment than forecasts based on a mere reflection and continuation of historic trends. While all forecasts reflect inherent uncertainties, especially in regions with highly variable decadal growth rates, forecasts associated with regional plan policies can provide a useful guide, over time, as to the effectiveness and need for amendment of such growth policies.

The year 2030 Washoe County Consensus Forecast of 620,343 persons exceeds the 2007 Governor's certified estimate of 418,061 by a growth increment of 202,262 persons.

Reno, Sparks and Washoe County have decided to allocate the growth increment of 202,262 persons in the following manner:

~~Table Thirteen: Growth Increment Allocation~~~~Table 13  
Growth Increment Allocation~~

<del>25% of Growth Increment (50,566 persons) at Year 2030</del>	<del>Allocate to Centers, TOD Corridors, Emerging Employment Centers in Reno and Sparks</del>
<del>75% of Growth Increment (151,696 persons) at Year 2030</del>	<del>Allocate based on adjusted jurisdictional shares of population of 50% City of Reno, 24% City of Sparks and 26% Unincorporated Washoe</del>

~~The approach that allocates 25% of the growth increment to Centers, TOD Corridors and Emerging Employment Centers recognizes that the 2007 Regional Plan policies have increasing impact over time. Thus, the growth increment attributed to these policies increases from 2008 to 2030 in a linear fashion. Interpolation of jurisdictional population forecasts from 2008 to 2030 is the responsibility of each jurisdiction and is addressed in local population master plan elements, if desired. This consensus forecast establishes only the beginning (2007 certified estimates) and end points (allocated 2030 consensus forecast by jurisdiction) of that forecast series for each jurisdiction through the year 2030.~~

~~Analysis of the 25% population increment (50,566 persons) allocated to each jurisdiction's Centers, TOD Corridors and Emerging Employment Centers (EEC's) yielded the following assumptions based on corridor, center and emerging employment center land areas and density assumptions:~~

- ~~• 21.3% of the increment will be allocated to the City of Reno (43,082 persons);~~
- ~~• 3.7% of the increment will be allocated to the City of Sparks (7,484 persons).~~

~~While the City of Sparks has major emerging employment centers in its jurisdiction, it is recognized that these EEC's have lower densities than centers and corridors and that these EEC's are located in or near to Sparks' traditional growth areas. Sparks' EEC's, however, are extremely important to jobs-housing balance and trip reduction policies.~~

~~In the future, Washoe County is expected to designate at least two Secondary Transit Corridors and to designate Infill Opportunity Areas under the policies of the 2007 Regional Plan. Under the forecast approach of the Consensus Forecast, Washoe County may analyze the impact of these designations and include any appropriate and related population shares in its Population Element to be submitted to the Regional Planning Agency. Washoe County may also consider in the future approved but not built development as a component of its Population Element.~~

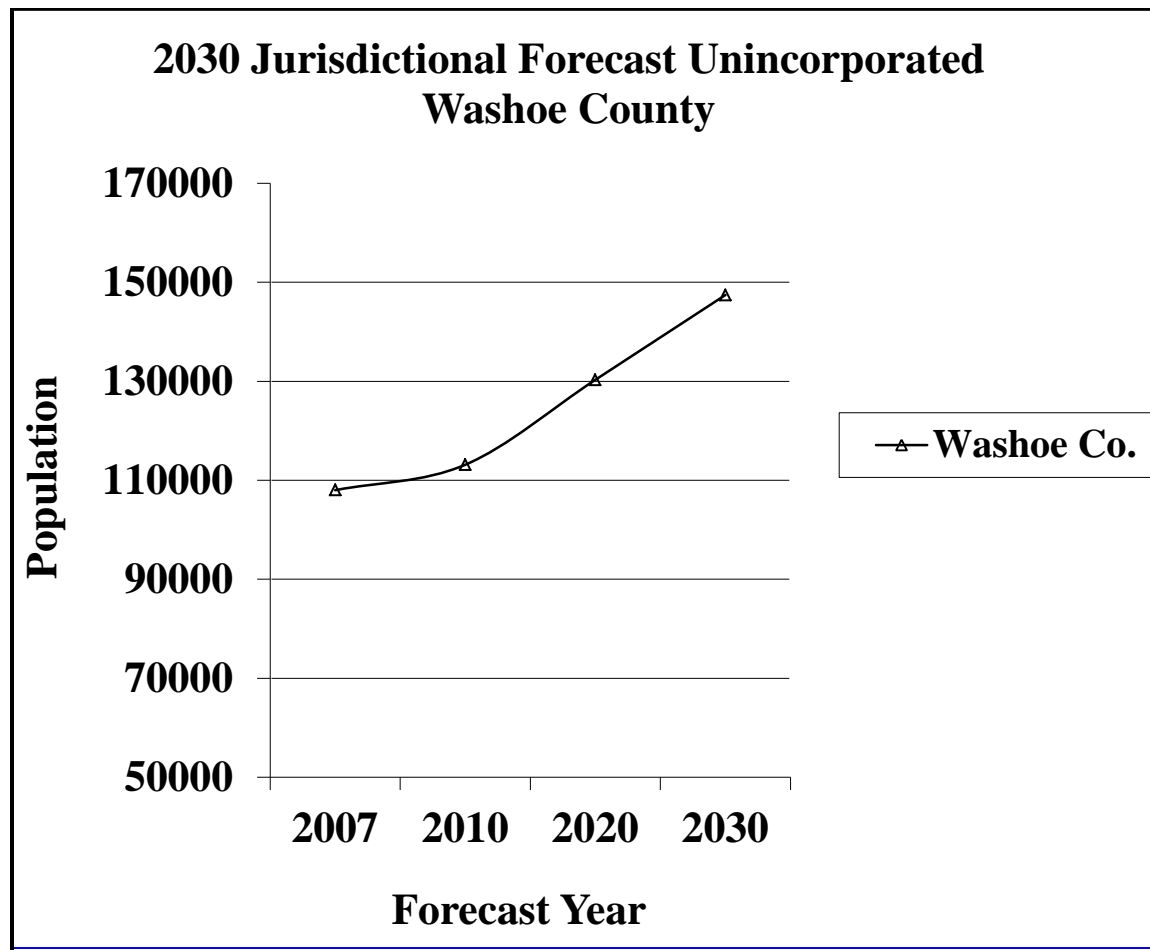
~~Allocation of the remaining (non-centers, corridors and EEC) growth increment (75% or 151,596 persons) to the jurisdictions is based upon a minor modification of the historic jurisdictional distribution of population, as follows:~~

~~Table Fourteen: 2030 Jurisdictional Distribution of Population (of remaining growth increment)~~~~Table 14  
2030 Jurisdictional Distribution of Population (of remaining growth increment)~~

<del>City of Reno Year 2030 Allocation</del>	<del>50%</del>	<del>75,848 persons</del>
<del>City of Sparks Year 2030 Allocation</del>	<del>24%</del>	<del>36,407 persons</del>
<del>Unincorporated Washoe County Year 2030 Allocation</del>	<del>26%</del>	<del>39,441 persons</del>

~~Table Fifteen: Year 2030 Total Jurisdiction Forecasts~~**Table 15**  
**Year 2030 Total Jurisdiction Forecasts**

Jurisdiction	2007 Certified Estimates	Centers, Corridors and EEC Increment	Remaining Increment	2030 Jurisdiction Forecast
Reno	220,613	43,082	75,848	339,543
Sparks	89,449	7,484	36,407	133,340
Unincorporated Washoe County	107,999		39,441	147,440
Total County	418,061	50,566	151,696	620,323

**Figure 1: 2030 Jurisdictional Forecast Unincorporated Washoe County**



## Natural Resources

### Land Resources

The factors which influence, and will continue to influence, the pattern of land use in the County include historic growth patterns, development trends, availability of infrastructure, public land and development constraints. The Washoe County Comprehensive Plan Land Use and Transportation Element (LUTE) and Area Plans are intended to implement the local and regional goals of improved traffic mobility and air quality, and achieve a balance of employment and housing opportunities. Accommodating future growth requires coordinated planning and decision making designed to best manage limited fiscal and environmental resources. The success of local commerce and industry depends on the availability of public infrastructure including schools, parks, libraries, hospitals and the sewers, water and streets required to serve those facilities. Existing vacant planned land use and approved projects could easily accommodate the projected population. [The natural resources of the County will support the projected population on a continuing basis without unreasonable impairment.](#)

### Air Quality

The Washoe County District Health Department, Air Quality Management Division (AQMD) has provided an Air Quality Trends report to present air quality data from 1995 to 2006. Listed below are the Attainment Status figures for this 11-year period:

#### Particulate Matter < microns size (PM10):

24-hour – “Serious Non-Attainment (as of 2/7/01)

Annual – Attainment

The Truckee Meadows Hydrographic Basin (Reno/Sparks urban area) defines the boundaries for the PM10 non-attainment area. On January 14, 2005, Washoe County recorded exceeded the 24 hour National Ambient Air Quality Attainment Standards (NAAQS). This was the first time the 24 hour was exceeded since 1999.

#### Particulate Matter <2.5 microns in size (PM2.5):

24-hour – Attainment

Annual – Attainment

The AQMD began monitoring for PM2.5 in January 1999. The Environmental Protection Agency (EPA) requires three years of complete and quality assured data prior to the classification of the area. In 2005, EPA designated Washoe County attainment of the 24 hour annual PM2.5 NAAQS.

#### Carbon Monoxide:

1-hour – Attainment

8-hour – Moderate (<12.7 ppm) “Moderate” Non-Attainment

The boundaries for the CO non-attainment area are also considered to be the Truckee Meadows Hydrographic Area 87. The last time the 8 hour CO NAAQS was exceeded was recorded on December 13, 1991. In September 2005, Washoe County AQMD submitted a request to the EPA for re-designation to an attainment area for the 8 hour NAAQS. Washoe County, including the Truckee Meadows CO NAA, is in attainment for the 1-hour CO NAAQS.

**Ozone:**

1-hour – NAAQS Rescinded June 2005. Previously “Marginal” Non-Attainment

8-hour – Attainment

Washoe County was designated a marginal ozone non-attainment area until EPA rescinded the 1 hour NAAQS in 2005. EPA has designated Washoe County as attainment of the 8-hour ozone standard.

## Water Supply and Quality

In accordance with the Nevada Revised Statutes (NRS) chapter 540A, the Regional Water Planning Commission must adopt a plan that covers the supply of municipal and industrial (M&I) water, quality of water, sanitary sewage, drainage of storm waters, and the control of floods. The 2004 – 2025 Washoe County Comprehensive Regional Water Management Plan provides an extensive outlook and measures to sustain the criteria listed above with regard to population growth over the next twenty years. Unfortunately, the Water Management Plan does not include the 2025 to 2030 period.

## Goals and Policies

**Goal One:** Update the Washoe County Comprehensive Plan Population Element pursuant to a schedule adopted in the most recent version of the adopted Truckee Meadows Regional Plan to ensure that planned population, land use, and public services and facilities are based on the most current information.

**Goal Two:** Maintain a 20-year planning horizon for the Washoe County Comprehensive Plan.

~~POP.2.1 The Washoe County Department of Community Development will adjust the planning horizon for the Washoe County Comprehensive Plan every five years, at a minimum. This update will be in conjunction with the five-year update for the Washoe County Comprehensive Plan and Truckee Meadows Regional Plan, to include its elements and area plans.~~

**Goal Three:** Plan for a balanced development pattern that includes employment and housing opportunities, public services and open spaces.

~~POP.3.1 The Washoe County Department of Community Development will include an analysis of the existing land use acreage relative to existing and planned population in staff reports prepared in conjunction with Comprehensive Plan amendments and comprehensive updates to other master plan elements.~~

**Goal Four:** Coordinate population growth with the availability of water, sanitary sewer, streets and highways, and other public facilities and services.

~~POP.4.1 The Washoe County Department of Community Development will include an analysis of the demands for public services and facilities relative to existing and planned population in staff reports prepared in conjunction with Comprehensive Plan amendments.~~

## **Conclusion**

The growth in employment and population in unincorporated Washoe County through the year [2030-2038](#) will have a broad range of impacts. The issues that must be addressed as a result of these impacts will be complex. These issues, which are discussed in the following elements, provide the basis for the Washoe County Comprehensive Plan.

Conservation planning must address protection of archaeological sites, historic places and scenic areas; the relationship between land development and soils, topography, vegetation, geological hazards, geothermal sites, minerals, wildlife and agricultural areas; and the interrelated issues of surface water, groundwater, wastewater, urban storm water, flood control, protection of floodplains, wetlands and fisheries. Planning and management strategies must be implemented as soon as possible in order to ensure adequate water resources for future growth and development. Air quality planning and implementation measures must be continued to reduce carbon monoxide, ozone and total suspended particulate emissions in the Truckee Meadows.

Public services and facilities planning must recognize that the location of development in new areas, as well as population growth in general, will create the need for new and expanded public services and facilities. Adequate public safety, general government, libraries, schools, parks and recreation, and other public facilities must be provided to ensure efficient delivery of public services and a desirable quality of life.

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