

# RESOLUTION OF THE WASHOE COUNTY PLANNING COMMISSION

# ADOPTING AMENDMENTS TO THE WASHOE COUNTY MASTER PLAN, POPULATION ELEMENT (WMPA20-0006), AND RECOMMENDING ITS ADOPTION TO THE BOARD OF COUNTY COMMISSIONERS

# Resolution Number 20-20

Whereas, Master Plan Amendment Case Number WMPA20-0006 came before the Washoe County Planning Commission for a duly noticed public hearing on August 4, 2020; and

Whereas, the Washoe County Planning Commission heard public comment and input from both staff and the public regarding the proposed master plan amendment; and

Whereas, the Washoe County Planning Commission gave reasoned consideration to the information it received regarding the proposed master plan amendments;

Whereas, the Washoe County Planning Commission has made the following findings necessary to support adoption of the proposed Master Plan Amendment Case Number WMPA20-0006, as set forth in NRS chapter 278 and Washoe County Code Chapter 110 (Development Code), Article 820;

Washoe County Code Section 110.820.15 (d) Master Plan Amendment Findings

- 1. <u>Consistency with Master Plan.</u> The proposed amendment is in substantial compliance with the policies and action programs of the Master Plan.
- 2. <u>Compatible Land Uses.</u> 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. <u>Response to Change Conditions.</u> 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. <u>Availability of Facilities.</u> 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. <u>Desired Pattern of Growth.</u> 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. <u>Effect on a Military Installation</u>. The proposed amendment will not affect the location, purpose and mission of the military installation.

Whereas, the Washoe County Planning Commission approval was by a minimum of 2/3 of the total membership as required by statute:

Now, therefore, be it resolved that pursuant to NRS 278.210(3):

- (1) Subject to approval by the Washoe County Board of County Commissioners and a finding of conformance with the Truckee Meadows Regional Plan, the Washoe County Planning Commission does hereby adopt Master Plan Amendment Case Number WMPA20-0006, comprised of the Population Element as included at Exhibit A to this resolution, descriptive matter and other matter intended to constitute the amendments as submitted at the public hearing noted above; and,
- (2) To the extent allowed by law, this approval is subject to the conditions adopted by the Planning Commission at the public hearing noted above.

A certified copy of this resolution shall be submitted to the Board of County Commissioners and any appropriate reviewing agencies in accordance with NRS 278.220.

ADOPTED on August 4, 2020

WASHOE COUNTY PLANNING COMMISSION

ATTEST:

Trevor Lloyd, Secretary

esney, Chair

Attachment: Exhibit A – Population Element

Exhibit A - WMPA20-0006

Strikethrough = to be deleted Underline = to be added

Attachment B Page 4



Department of Community Development

# Comprehensive Plan Population Element



Post Office Box 11130, Reno, NV 89520-0027 - 1001 E. Ninth St., Reno, NV 89512 Telephone: 775.328.6100 - Fax: 775.328.6133 - www.washoecounty.us/comdev/



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.

POPULATION ELEMENT

This page intentionally left blank.

# Contents

	Page
Acknowledgments	V
Introduction	1
Population Forecasting Background	1
2008 to 2030 Consensus Forecast	1
Population	4
Employment	8
Income	10
Jurisdictional Splits	12
Natural Resources	15
Land Resources	15
Air Quality	15
Water Supply and Quality	16
Goals and Policies	16
Goal One	16
Goal Two	16
Policies	16
Goal Three	16
Policies	16
Goal Four	16
Policies	16
Conclusion	17

# List of Figures

1.	2030 Jurisdictional Fore	cast Unincorporated Washoe Coun	y 14
----	--------------------------	---------------------------------	------

# List of Tables

1.	Washoe County Consensus Forecast Summary	2
2.	Nevada State Demographer's 2006 Forecast	3
3.	Population by Forecast Source	-4
4.	Washee County Population 2008 2030	
5.	Population and Percent Composition of Total Population by Conoralized Age Groups	6
6.	Consonsus Population Forecast by 5 year Age Cohort 2008-2020	-6
7.	Employment and Percent Composition of Total Establishment Based Employment by Industry Group	8
8.	Washee County Establishment Based Employment 2008-2030	-0

	Page
9. Washoe County Total Personal Income 2008-2030	
10. Washoe County Per Capita Personal Income 2008-2030	
11. 2007 Governor's Certified Population Estimates	
12. 2007 Jurisdictional Percent of Total Population	12
13. Growth Increment Allocation	
14. 2030 Jurisdictional Distribution of Population (of remaining growth increment)	13
15. Year 2030 Total Jurisdiction Forecasts	14

POPULATION ELEMENT

# Acknowledgments

# Washoe County Board of County Commissioners

Robert M. Larkin, Chair Bonnie Weber, Vice Chair Jim Galloway David E. Humke Kitty Jung

# Office of the County Manager

Katy Simon, County Manager John Berkich, Assistant County Manager David Childs, Assistant County Manager

# Washoe County Planning Commission

Christy Magers, Chair Dian VanderWell, Vice Chair Neal Cobb Roger Edwards Roy Hibdon Keith Lockard William Weber

# Washoe County Department of Community Development

Adrian P. Freund, FAICP, Community Development Director

# **Project Staff**

Donald J. Morehouse, Planner Sara DeLozier, Office Support Specialist Advanced Planning Staff

POPULATION ELEMENT

This page intentionally left blank.

# 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 <u>2008</u>\_2018\_Consensus Forecast with a <u>2018-2038\_2008</u>\_2020 forecasted time frame that took into account the variables of population growth rates, age distribution, employment, and income. The previous Consensus Forecast (<u>20032016-20252036</u>) was developed in <u>20032016</u>.

#### 2008 - 2030 Consensus Forecast

The <u>most current Consensus for Washoe County</u>, at the time of this writing is the <u>2008–2018</u> Consensus Forecast for Washoe County <u>which</u> 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. <u>Washoe County recognizes the use</u> 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. 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 Poele, a national forecasts for every county in the United States, as well as state and national forecasts for every county in the United States, as well as state and national forecasts.

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 (Rene MSA) including both the cities of Rene 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								
¥ear	<del>Total</del> Population	Total Establichment Based Employment		<del>Por Capita</del> Incomo				
2008	410,037	-201,360	\$17,803,307	<del>\$43,041</del>				
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	573.322	-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

Eprocept of Machoo County Dopulation (2006	2030*1
Loropage of trapues control i obmunou frage	2000 1

Year	Population
2006	406,223
2007	415,775
2008	425,554
2008	435,535
2010	445,660
2011	455,878
2012	466,152
2013	476,300
2014	486,202
2015	4 <del>96,074</del>
2016	<del>505,614</del>
<del>2017</del>	<del>514,856</del>
2018	<del>523,837</del>
2019	<del>532,567</del>
2020	<del>541,002</del>
2021	<del>540,150</del>
2022	<del>567,050</del>
2023	<del>564,695</del>
2024	<del>572,112</del>
2025	<del>570,200</del>
2026	<del>586,248</del>
*2027	<del>505,240</del>
<u>*2028</u>	<del>604,250</del>
*2020	<del>613,251</del>
*2030	622,252

Source: Washoe County and Nevada State Demographer.

\*Note The latest version (2007) of the Novada State Demographer's Forecast is not available at time of printing the 2008 Concensus 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 Concensus Forecast, total population in Washee County is projected to grow from 410,037 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 course is shown in Table 3.

Table Three: Population by Forecast Source

Table 3										
Population by Forecast Source										
Ecrecast Source 2008 Population 2030 Population										
Global Insight	414,000	<del>649,710</del>								
NPA Data Services, Inc.	417,440	<del>665,150</del>								
Truckee Meadows Water Authority (TMWA)	428,780	625,285								
Woods and Poolo	408,510	<del>530,220</del>								
2006 State Domographor's Forecast	425,554	<del>622,252</del>								
Consensus Forecast (Five Sources)	<del>419,037</del>	- <u>620,323</u>								

Source: Washee County, Clobal Insight, NPA, Woode-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.

POPULATION ELEMENT

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

#### Table Four: Washee County Population 2008 2030

Table 4	
Washoe County Population 2008 – 2	030

Year	Population			
2008	419,037			
2000	428,105			
2010	437,439			
2011	446,883			
2012	456,215			
2013	465,550			
2014	474,670			
2015	483,803			
2016	402,789			
2017	<del>501,705</del>			
2018	<del>510,722</del>			
2019	<del>519,742</del>			
2020	528,654			
2021	<del>537,630</del>			
2022	<del>546,515</del>			
2023	555,480			
2024	564,348			
2025	<del>573,332</del>			
2026	<del>582,242</del>			
2027	591,692			
2028	601,181			
2020	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 chift-over the next-two decades. Changes of note include the continued aging of the baby beemer 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 chown in Table 6 on page 7.

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

	Population and Percent Composition of Total Population by Generalized Age Groups									
Co	peralized Age Crown		2008	2030						
436	neralized Age Group	Population	Percent of Total	Population	Percent of Total					
Pre	echool (Agec 0-4)	20,243	7%	<del>43,483</del>	7%					
Se	hool (Ages 5-19)	<del>83,011</del>	20%	<del>123,483</del>	20%					
We	rking (Ages 20-64)	<del>251,731</del>	<del>61%</del>	344,293	<del>56%</del>					
Re	tired (Ages 65 and older)	<del>48,753</del>	42%	<del>106,767</del>	17%					
Ŧø	tale*	<del>413,638</del>	<del>100%</del>	<del>618,026</del>	<del>100%</del>					

Tablo 5

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										
Aga	Conconcue Population Forecast by 5 year Age Cohort 2008 2030           get         2008 2000 2010 2014 2012 2013 2014 2015 2016 2017 2018										2018
04	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	<del>28,637</del>	29,257	<del>29,893</del>	<del>30,543</del>	31,247	<del>31,817</del>	32,453	<del>33,133</del>	33,807
<del>10 1</del> 1	27,437	27,760	<del>28,070</del>	28,300	28,787	20,277	<del>20,800</del>	30,307	32,257	<del>31,613</del>	32,300
<del>15 <b>1</b>9</del>	<del>29,047</del>	<del>29,453</del>	<del>29,780</del>	<del>30,213</del>	<del>30,570</del>	<del>30,887</del>	31,280	31,643	31,973	32,643	32,913
20 24	20,347	30,203	<del>31,107</del>	31,023	32,600	33,337	33,777	34,169	34,640	35,957	35,300
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	<del>28,430</del>	29,050	29,550	<del>30,157</del>	<del>30,780</del>	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	<del>29,040</del>	<del>29,323</del>	<del>29,637</del>	<del>29,930</del>	<del>30,113</del>	30,227	<del>30,467</del>	30,750	31,140	31,683
45-40	31,087	31,340	31,367	31,367	31,423	31,503	<del>31,760</del>	32,240	32,733	33,223	33,607
<del>50 §</del> 4	29,837	<del>30,267</del>	<del>30,773</del>	<del>31,170</del>	31,507	<del>31,793</del>	32,093	<del>32,193</del>	32,250	32,380	32,530
<del>65 6</del> 9	25,003	26,623	27,150	27,680	28,103	<del>28,640</del>	28,013	20,273	20,557	20,703	20,000
60 <b>4</b> 4	21,177	22,110	23,047	23,813	24,323	24,830	25,453	25,967	26,463	26,953	27,387
65-69	<del>16,137</del>	<del>16,973</del>	<del>17,790</del>	<del>18,643</del>	<del>19,570</del>	<del>20,447</del>	21,203	22,013	22,670	<del>23,087</del>	23,520
70 74	11,883	12,370	12,890	13,440	14,087	14,733	15,047	16,020	16,693	17,363	<del>18,167</del>
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

#### POPULATION ELEMENT

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

Age	2019	2020	2024	2022	2023	2024	2025	2026	<del>2027</del>	2028	2029	2030
<del>04</del>	36,200	36,023	37,557	<del>38,100</del>	38,837	<del>30,483</del>	40,157	40,820	41,400	42,433	42,817	48,483
<del>5 9</del>	34,487	<del>35,157</del>	<del>35,833</del>	<del>36,487</del>	<del>37,140</del>	37,770	<del>38,420</del>	<del>39,053</del>	<del>39,710</del>	40,330	40,950	41,583
<del>10 14</del>	33,033	33,613	34,280	<del>34,080</del>	35,700	36,407	37,120	37,820	<del>38,513</del>	30,157	<del>30,703</del>	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
<del>20-24</del>	35,850	36,227	36,593	<del>37,030</del>	<del>37,610</del>	38,140	<del>38,967</del>	<del>39,753</del>	4 <del>0,580</del>	41,393	42,287	4 <del>2,970</del>
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	<del>36,127</del>	<del>36,683</del>	36,993	37,230	<del>37,557</del>	<del>37,793</del>	38,073	<del>38,470</del>	3 <mark>8,750</mark>
<del>35-30</del>	33,073	34,767	35,320	35,973	<del>36,627</del>	37,439	38,327	<del>30,137</del>	<del>30,023</del>	40,673	41,167	41,603
40-44	32,127	32,377	32,957	33,423	<del>34,027</del>	34,643	35,407	<del>35,917</del>	<del>36,530</del>	37,250	<del>38,123</del>	<del>39,090</del>
<del>45-49</del>	33,057	<del>34,413</del>	34,959	35,570	36,357	37,037	37,550	38,380	<del>30,150</del>	<del>30,877</del>	40,637	41,530
50 54	32,860	33,377	33,023	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	<del>30,317</del>	30,403	30,643	31,063	<del>31,490</del>	31,903	32,173	32,393	32,723
60-64	27,657	27,003	28,287	28,527	28,737	28,980	29,033	29,067	29,153	20,227	29,447	20,830
<del>65-69</del>	24,083	24,527	24,960	25,397	25,787	26,017	26,317	26,563	26,763	26,937	27,167	27,187
<del>70 74</del>	48,803	40,460	20,013	20,340	20,720	21,187	21,583	21,040	22,327	22,667	22,863	28,137
75+	34,947	36,667	38,447	40,400	42,393	44,353	46,370	48,343	50,270	52,313	<del>54,397</del>	56,443
Total	511,174	520,368	529,756	539,124	548,744	558,294	568,124	577,910	587,852	<u>597,850</u>	607,902	<u>648,026</u>

Source: Washee County, NPA, Clobal Ineight and Woode 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 Concensus Forecast, employment for all of Washee County is projected to grow from 201,360 in 2008 to 440,893 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

Employment by Industry		08	2030	
Group	Jobe	Percent of Total	Jobs	Percent of Total
Natural Recourses	2,833	1%	<del>5,007</del>	1%
Construction	26,458	<del>9%</del>	38,558	9%
Manufacturing	<del>16,656</del>	6%	26,553	6%
Transportation, Communication and Public Utilities	<del>15,748</del>	5%	23,204	5%
	14,377	5%	25,568	6%
Rotail Trado	37,004	13%	60,567	13%
Finance, Insurance, & Real Ectate	30,003	41%	49,586	<del>11%</del>
Services	116,930	40%	<del>179,688</del>	40%
Government	29,391	10%	41,055	9%
Totals	201,360	<del>100%</del>	440,883	<del>100%</del>

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

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 2009 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 0%. 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 omployment 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.

<b>1</b> 4	able 9
	t Based Employment 2008 2030
Year	Employment
2008	<del>291,360</del>
2009	208,100
2010	304,640
<del>2011</del>	311,455
2012	318,360
2013	325,030
2014	331,075
2015	338,685
2016	345,695
2017	352,720
2018	359,780
2019	366,860
2020	373,960
2021	381,000
2022	388,580
2023	395,785
2024	403,370
2025	410,670
2026	418,360
2027	426,120
2029	432,060
2020	441,880
2030	449,883

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

Source: Washoe County, NPA and Woods and Poole.

Note: Total establishment based employment is based on NPA Data Services, Inc. and Woods and Pools forecaste. The Truckee Meadews Water Authority forecast does not provide data regarding employment.

#### POPULATION ELEMENT

#### Income

According to the 2008 Consensue Forecast, total personal income is expected to grow from \$17,803,307 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 precented in 2004 dellars. 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

Year	tal Personal Income 2008 2030 Total Personal Income \$ ('000)
2008	<del>17,803,397</del>
2000	<del>18,550,337</del>
2010	<del>10,322,433</del>
2011	20,147,713
2012	21,002,110
2013	21,852,070
<del>2014</del>	<del>22,757,853</del>
2015	<del>23,673,633</del>
2016	24,635,127
2017	<del>25,626,317</del>
2018	<del>26,646,637</del>
2019	<del>27,675,017</del>
2020	<del>28,733,037</del>
2024	20,840,343
2022	<del>30,087,837</del>
2023	32,169,760
2024	<del>33,402,743</del>
2025	<del>34,688,380</del>
2026	<del>36,023,317</del>
2027	<del>37,477,263</del>
2028	38,948,053
2020	40,472,320
2020	42,010,473

#### Table 9

Source: Washoe County, NPA, Clobal 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.

#### POPULATION ELEMENT

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

# Table Ten: Washee County Per Capita Personal Income 2008-2030

Table 10	
Washoe County Per Capita Personal Income :	2008 2030

Year	Per Capita Personal Income
2008	4 <del>3,041</del>
2000	<del>43,031</del>
2010	44,832
2011	45,815
2012	46,824
2013	47,785
2014	48,865
2015	49,823
2016	50,732
2017	<del>51,972</del>
2018	<del>53,088</del>
2019	54,140
2020	55,217
2021	56,329
2022	<del>57,178</del>
2023	58,624
2024	<u>59,830</u>
2025	<del>61,059</del>
2026	62,334
2027	<del>63,753</del>
2028	<del>65,147</del>
2020	<del>66,577</del>
2030	<del>67,075</del>

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 Peelo foreseate. The Truskee Meadowe Water Authority foreseat and 2006 State Demographer's Forecast does not provide data regarding income.

# **Jurisdictional Splits**

Reno, Sparks and Washoo 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

To	h	lo	- 1	4
1	1.70		-	

2007 Governor's Certified Population Estimates				
Washoe County Total 2007	4 <del>18,061</del>			
Reno City Total 2007	220,613			
Sparks City Total 2007	<del>80,440</del>			
Unincerperated Washee County Total 2007	<del>107,000</del>			

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

Table Twelve: 2007 Jurisdictional Percent of Total Population

Tab	 40
Tal	7.2

2007 Jurisdictional Percent of Total Population

Rono Percent of Total	<del>52.77%</del>
Sparks Percent of Total	<del>21.40%</del>
Unincorporated Washoe County Percent of Total	<del>25.83%</del>

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 provious regional plans (prior to the 2007 Truckee Meadows Regional Plan Update) or conforming jurisdiction master plans.

In the 2008 Concensus Ferecast, 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 cettlement patterns are the subject of significant debate and reflect a different approach to forecasting in a multi-jurisdictional environment than forecasts based on a more 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 usoful guide, over time, as to the effectiveness and need for amondment of such growth policies.

The year 2020 Washee 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

	TOTIC / ITO OCCUPIT
25% of Growth Increment (50,566 persons) at	Allocate to Centers, TOD Corridors, Emerging
Year 2030	Employment Centers in Rene and Sparks
75% of Growth Increment (151,696 persons) at Year 2030	Allocate based on adjusted jurisdictional shares of population of 50% City of Reno, 24% City of
	Sparke and 26% Unincorporated Washee

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 2020 in a linear fachien. Interpolation of jurisdictional population forecasts from 2008 to 2020 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 2020 concensus forecast by jurisdiction) of that forecast cories for each jurisdiction through the year 2020.

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

21.3% of the increment will be allocated to the City of Rene (43,082 percenc);

3.7% of the increment will be allocated to the City of Sparke (7,484 percenc).

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, hewever, are extremely important to jobs housing balance and trip reduction policies.

In the future, Washee 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, Washee 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. Washee 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:

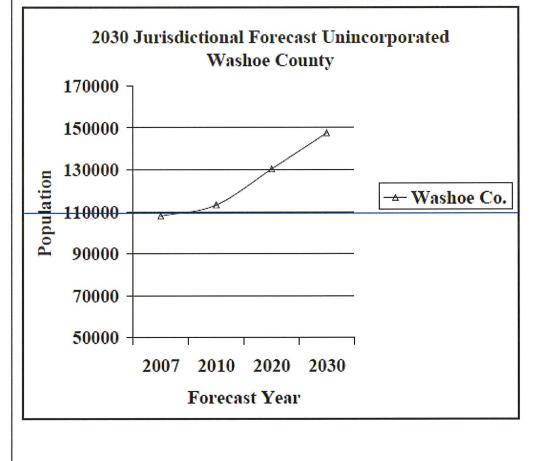
Table Fourteen: 2030 Jurisdictional Distribution of Population (of remaining growth increment)

# Table 14 2030 Jurisdictional Distribution of Population (of romaining growth increment) City of Reno Year 2030 Allocation 50% 75,848 percens City of Sparks Year 2030 Allocation 24% 26,407 percens Unincorporated Washee County Year 2030 Allocation 26% 39,441 persons

#### Table Fifteen: Year 2030 Total Jurisdiction Forecasts

Table 15								
	Year 2030 Total Jurisdiction Forecasts							
<b>Jurisdiction</b>	2007 Certified	Centers, Corridors	Remaining	2030 Jurisdiction				
	Estimates	and EEC Increment	Increment	Forecast				
Reno	220,613	4 <del>3,082</del>	<del>75,848</del>	<del>339,543</del>				
Sparke	<del>80,440</del>	7,484	36,407	<del>133,340</del>				
Unincorporated Wachee County	<del>-107,000</del>		<del>30,111</del>	<del>147,440</del>				
Total County	418,061	<del>50,566</del>	<del>151,696</del>	<del>620,323</del>				

Figure 1: 2030 Jurisdictional Forecast Unincorporated Washee County



POPULATION ELEMENT

This page left intentionally blank.