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Nevada County Population Projections
2018 to 2037
To Be Finalized 11/1/2018

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Introduction to the 2018 Population Projections
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The full projections by year and county are at the end of this document. In keeping with the 2014 projections through this current edition, a baseline projection is presented as well as a projection that includes the Tesla Gigafactory project and the impact of relative housing prices for Clark and Washoe Counties. The projection with the Gigafactory will still be used as the control total for the age, sex, race, and Hispanic origin estimates and projections.

The 2018 Projections:

The Regional Economics Models, Inc. (REMI) model was used for these projections. The REMI model provides information for all 17 counties by 23 major economic sectors. The REMI model looks at the interaction between the economic and demographic characteristics of a county. It looks at the dynamic economic and demographic relationships between the 17 counties and the United States as a total. The 20 year projections are produced annually and will change as historic data becomes available or is revised and information about future developments becomes available. Because REMI looks at the relationship between changes in the economy and in population, it is a useful tool for looking at how changes in the structure of the population or the economy can impact each other.

The 2018 Projections were prepared using the REMI PI+ 2.2 model which has 2016 as the last year of historic data in it. The 2017 Projections were produced with the REMI PI+ 2.1 model with history through 2016. Two projections were prepared for this year's projections. One is the baseline forecast. The other included the Tesla project and its impacts. This project was first modeled in 2014 with information from the Governor's Office of Economic Development. There is still interest in understanding the direct and indirect impact of this project. Modeling it separately from the baseline forecast allows for understanding these impacts. It will become part of the baseline forecast as it progresses and the development becomes part of the economic history in the model.

Changes to the out of box model (the model as shipped with no additional information from the user) included the additional years of history for 2016 and any revisions to the data for the earlier years. Both the Census Bureau and the Bureau of Economic Analysis revise their data given new information as well as after reviewing data.

For the baseline forecast the following alterations were made to the out of the box 2018 (2.2) REMI model.
1.) Employment in the national forecast was updated to 2018 as an estimate of what the Bureau of Economic Analysis data could be using the changes seen the Bureau of Labor Statistics Quarterly Census of Employment and Wages for the first quarter of 2016 to 2018.
2.) The Quarterly Census of Employment and Wages data was used to update the counties as well using the first quarter of 2018 data with the exception of the following: Esmeralda, Eureka, Lincoln, Mineral and Pershing. This was because of data suppression in these counties to protect confidentiality.
3.) Hotel employment for Clark County was based on existing hotels and proposed projects as reported by the Las Vegas Convention and Visitors Authority.
4.) Mining employment again showed job losses overtime in the REMI model. This varied by county. It was assumed and the model adjusted so that employment would still not fall below historic averages.
5.) In the past, as growth has occurred in the Tahoe Regional Industrial Center in Storey County, it was assumed that those jobs would be filled by commuters from Lyon and Washoe County.

For the projection that includes Tesla the following assumptions were made:
1.) The recent history in the 2.2 model as well as the information from the employment update has increased the model's response to manufacturing employment for Northwestern Nevada. The Governor's Office of Economic Development reports that Tesla continues to meet overall objectives as set forth in 2014. Employment was annualized from 2018 to reach full capacity by 2024 of their original contracted amount of 6,500 employees.
4.) Housing prices were reviewed for Clark and Washoe County for how they compare to the US (Zillow.com Market Overviews). The baseline forecast has a 2017 relative housing price for Clark County of 0.82 and Washoe County of 1.06 of the national housing price. The estimate that was derived using Zillow indicates that the relative housing prices might be 1.07 for Clark County and 1.43

for Washoe County. The housing and land price variable was adjusted for 2018 and 2019 to reflect these relative price levels as a onetime shock to the two counties. While there are a number of things that could be impacting migration, the 2017 One Year ACS from the Census Bureau reported 18,418 out of state immigrants to Washoe County and 19,178 persons migrating out of state for a net loss of state migrants of 760 persons.

Table 1 compares the projections for 2030 by the year that they were released. Since 2013 the projections have fluctuated between 3,200,000 and just over 3,380,000 statewide. Greater differences are seen across the county projections.

Table 1: Comparing Nevada's Annual Population Projections for 2030	
Year Projection Released	**Projection for 2030**
2011	3,363,704
2012	3,338,269
2013	3,222,107
2014	3,251,664
2015	3,204,979
2016	3,257,762
2017	3,240,017
2018 DRAFT	3,382,551

Table 2 compares the last year of the 2017 edition of the projections with the current *2018 DRAFT* projections for the same year by county. The last year of the 2017 projections was 2036 so that is used to compare the two projections for their long term differences. Both go out 20 years but this is the last year in common between the two. This provides a summary comparison of the two projections from the 2017 estimate and against each other.

Table 2: Comparison of Projections for 2036 from the final 2017 Projections and the *Current 2018 DRAFT* Projections With Tesla Projections						
	2017 Estimate	**2017 Projection for 2036**	**2017 Projection for 2036 Less 2017 Estimate**	***2018 DRAFT Projection for 2036***	**2018 Projection for 2036 Less 2016 Estimate**	**Difference 2018 DRAFT Projection Less 2017 Projection For 2036**
Carson City	55,438	59,088	3,650	*63,034*	*7,596*	3,946
Churchill	25,387	28,376	2,989	*28,942*	*3,555*	566
Clark	2,193,818	2,398,987	205,169	*2,594,268*	*400,450*	195,281
Douglas	48,300	51,631	3,331	*51,497*	*3,197*	-134
Elko	53,287	58,648	5,361	*53,188*	*-99*	-5,460
Esmeralda	970	1012	42	*941*	*-29*	-71
Eureka	1,932	2,599	667	*2,112*	*180*	-487
Humboldt	16,978	17,510	532	*16,130*	*-848*	-1,380
Lander	6,200	6,649	449	*5,768*	*-432*	-881
Lincoln	5,170	4,249	-921	*4,340*	*-830*	91
Lyon	54,657	58,209	3,552	*55,961*	*1,304*	-2,248
Mineral	4,674	4,072	-602	*4,520*	*-154*	448
Nye	46,390	46,677	287	*50,763*	*4,373*	4,086
Pershing	6,743	6,549	-194	*6,485*	*-258*	-64
Storey	4,084	5,424	1,340	*5,730*	*1,646*	306
Washoe	451,923	526,949	75,026	*507,985*	*56,062*	-18,964
White Pine	10,705	10,375	-330	*10,276*	*-429*	-99
State Total	2,986,656	3,287,004	300,348	*3,461,940*	*475,284*	174,936

Tables 3 and 4 compare the 2017 (2.1) and 2018 (2.2) version of the models for the US and Nevada.

Table 3. Comparison of the Historic and Projected Data for the United States for Selected Years from the 2017 (2.1) and the 2018 (2.2) REMI Models (Bold = Historic Data)

	Population (in Thousands)		Labor Force (in Thousands)	
	2017	**2018**	**2017**	**2018**
2014	**318,907.41**	**318,563.47**	**156,231.01**	**156,021.79**
2015	**321,418.81**	**320,896.63**	**157,236.30**	**156,933.73**
2016	323,934.47	**323,127.50**	157,669.61	**158,730.28**
2017	326,466.51	*325,377.13*	159,070.40	159,384.53
2022	339,234.92	337,064.15	165,935.87	164,354.72
2027	351,748.25	348,958.55	171,310.28	169,548.64
2032	363,428.36	360,428.46	177,700.32	175,465.68
2036	371,864.71	368,853.67	183,088.31	180,453.76
	16.61%	15.79%	17.19%	15.66%
	Total Employment (in Thousands)		Gross Domestic Product (in Billions of Fixed (2009) Dollars)	
	2017	**2018**	**2017**	**2018**
2014	**186,168.11**	**186,354.80**	**$16,131.43**	**$16,014.21**
2015	**190,195.41**	**190,422.80**	**$16,583.56**	**$16,495.79**
2016	193,442.42	**193,668.39**	$16,885.08	**$16,793.73**
2017	196,478.56	196,796.50	$17,367.03	$17,182.37
2022	200,758.53	201,916.19	$19,054.47	$19,048.68
2027	204,121.46	199,391.28	$20,884.39	$20,635.85
2032	209,948.31	201,896.39	$23,137.31	$22,469.48
2036	213,869.11	206,612.68	$25,008.64	$24,063.22
	14.88%	10.87%	55.03%	50.26%

Table 4. Comparison of the Historic and Projected Data for Nevada for Selected Years from the 2017 (2.2) and the 2018 (2.2) REMI Models (Bold = Historic Data)

	Population (in Thousands)		Labor Force (in Thousands)	
	2017	**2018**	**2017**	**2018**
2014	2,838.28	2,833.01	**1,401.79**	**1,395.36**
2015	2,890.85	2,883.76	**1,425.71**	**1,414.70**
2016	2,928.15	**2,940.06**	1,435.72	**1,427.08**
2017	2,959.80	*3,001.57*	1,454.51	1,441.43
2022	3,108.27	3,241.78	1,552.09	1,557.60
2027	3,184.75	3,352.24	1,589.02	1,603.77
2032	3,229.52	3,429.94	1,619.81	1,644.56
2036	3,260.07	3,480.38	1,645.88	1,679.57
	14.86%	22.85%	17.41%	20.37%
	Total Employment (in Thousands)		Gross Domestic Product (in Billions of Fixed (2009) Dollars)	
	2017	**2018**	**2017**	**2018**
2014	**1,609.87**	**1,611.52**	**$126.30**	**$125.59**
2015	**1,660.46**	**1,666.53**	**$129.38**	**$130.69**
2016	1,721.48	1,714.09	$134.40	**$131.97**
2017	1,780.04	1,773.89	$140.43	$136.77
2022	1,806.53	1,851.59	$154.08	$155.04
2027	1,812.87	1,803.21	$167.07	$165.75

2032	1,836.56	1,813.44	$182.47	$179.18
2036	1,852.21	1,844.31	$195.26	$190.48
	15.05%	14.45%	54.60%	51.67%

Tables 5 A and B show the population age distribution for four major age cohorts for historic data, near term projections, and the projection for 2035. The population for Nevada in the 2017 DRAFT projection is smaller and slightly older. This is similar to the distribution of the labor force population for 2007 to 2016 discussed in a later section.

Table 5 A and B. Comparing Estimated Age Structure of Nevada's Population for Selected Years for the 2016 and 2017 Projections (Bold=Historic Data)						
Table 5A. Population (In Thousands) By Age For By Selected Cohorts 2016 (1.7) Model						
Age Group	2013	2014	2015	2016	2017	2035
0-14	**548.263**	**551.985**	**556.788**	558.568	560.03	537.425
15-24	**364.603**	**365.112**	**364.91**	362.457	360.967	360.107
25-64	**1496.676**	**1519.599**	**1547.065**	1563.333	1573.342	1592.761
Ages 65+	**380.825**	**401.585**	**422.081**	443.79	465.463	762.072
	2790.367	**2838.281**	**2890.844**	2928.148	2959.802	3252.365

Table 5 A and B. Comparing Estimated Age Structure of Nevada's Population for Selected Years for the 2016 and 2017 Projections (Bold=Historic Data)						
Table 5A. Population (In Thousands) By Age For By Selected Cohorts 2017 (2.1) Model						
Age Group	**2013**	**2014**	**2015**	**2016**	2017	2035
0-14	**548.153**	**551.933**	**557.501**	**564.07**	573.207	586.991
15-24	**363.471**	**363.482**	**362.685**	**363.598**	367.412	391.902
25-64	**1494.206**	**1516.063**	**1541.853**	**1571.289**	1598.893	1731.956
Ages 65+	**380.634**	**401.535**	**421.72**	**441.1**	462.06	758.006
	2786.464	**2833.013**	**2883.758**	**2940.058**	3001.572	3468.855

Table 5 A and B. Comparing Estimated Age Structure of Nevada's Population for Selected Years for the 2016 and 2017 Projections (Bold=Historic Data)						
Table 5B. Percentage Age Distribution from 2016 (1.7) Model						
Age Group	**2013**	**2014**	**2015**	2016	2017	2035
0-14	**19.60%**	**19.40%**	**19.30%**	19.10%	18.90%	16.50%
15-24	**13.10%**	**12.90%**	**12.60%**	12.40%	12.20%	11.10%
25-64	**53.60%**	**53.50%**	**53.50%**	53.40%	53.20%	49.00%
Ages 65+	**13.60%**	**14.10%**	**14.60%**	15.20%	15.70%	23.40%
Table 5B. Percentage Age Distribution from 2017 (2.1) Model						
Age Group	**2013**	**2014**	**2015**	**2016**	2017	2035
0-14	**19.67%**	**19.48%**	**19.33%**	**19.19%**	**19.10%**	**16.92%**
15-24	**13.04%**	**12.83%**	**12.58%**	**12.37%**	**12.24%**	**11.30%**
25-64	**53.62%**	**53.51%**	**53.47%**	**53.44%**	**53.27%**	**49.93%**
Ages 65+	**13.66%**	**14.17%**	**14.62%**	**15.00%**	**15.39%**	**21.85%**

Table 7 compares manufacturing employment between the 2016 projections and the 2017 DRAFT projections. There is less of a loss in manufacturing nationally in the 2016 projections. This helps spread out manufacturing employment across the other counties in Nevada compared to the 2016 projections. Also it lessens the previously projected but still substantial growth for Storey County. With less of a National drop in manufacturing that sector may be more competitive in other parts of the country.

Table 7. Comparing Manufacturing Employment (in Thousands) from 2013 and 2035 for the United States and Nevada Counties from the 2017 and 2018 Projections						
	2.1			**2.2**		
	2013	**2035**	**Percent**	**2013**	**2035**	**Percent**

			Change			Change
US Total	12760.200	12109.357	-5.10%	12760.200	11246.153	-11.87%
Clark	23.797	19.202	-19.30%	23.788	24.296	2.14%
Douglas	1.895	1.889	-0.30%	1.895	1.719	-9.29%
Lyon	2.203	2.517	14.30%	2.202	1.758	-20.16%
Storey	0.570	7.869	1280.50%	0.569	7.347	1191.21%
Washoe	12.810	11.746	-8.30%	12.808	11.754	-8.23%
Carson City	2.842	3.160	11.20%	2.840	2.386	-15.99%
Balance of State	1.691	1.456	-13.90%	1.702	1.411	-17.10%

This concludes the Overview of National and Regional Data section. The following section discussed four main risks to the projections.

Risks to the Projections:
There are four areas of risk to the current projections that could slow Nevada's growth:
1.) Unsettled trends and policy in international migration could impact the projections. The Migration Policy Institute reports that while there was an increase in total migration from 2014 to 2015 the make of the migrant population has been made up of fewer migrants from Mexico and India and China are now the largest countries of origin. This could lead to new settlement patterns from the immigrant population. Also, with Nevada's sizable unauthorized population efforts at deportation may lead to a loss of population and lower employment both due to a loss of employees as well as consumer spending. Most recently the Reforming American Immigration for Strong Employment Act or the RAISE Act would limit legal immigration to half of current levels.
2.) Potential impacts from automation could pose a risk to employment over time. A study from the University of Redlands has estimated that up to 65% of the jobs in Clark County are at risk of being automated. This is based on work by Frey and Osborne that looked at the likelihood of occupation being automated in total or in part based on the skill set for the occupation. Arntz and Zierahn in a paper for the Organization for Economic Cooperation and Development found that up to 9% of jobs could be automated for most developed economies. There is no clear consensus on the timing or full impact of automation in the literature.
3.) Climate change could have mixed impacts on Nevada's growth. For instance, work by Matthew Hauer examines sea level rise and potential migration impacts given historic migration trends and found that population would increase for Nevada. In contrast works by David Albouy (Climate Amenities, Climate Change, and American Quality of Life) and Solomon Hsiang (Estimating economic damage from climate change in the United States) look not at migration impacts but on the economic impact. In the work by Hsiang the impacts vary by county and some parts of Nevada could benefit and some could be negatively impacted.

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037
Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	Carson City W/ Additional Factors			Churchill W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	55,438			25,387		
2018	55,945	507	0.9%	25,816	429	1.7%
2019	56,437	491	0.9%	26,257	442	1.7%
2020	56,891	454	0.8%	26,551	293	1.1%
2021	57,276	385	0.7%	26,780	230	0.9%
2022	57,647	371	0.6%	26,973	193	0.7%
2023	57,988	342	0.6%	27,145	172	0.6%
2024	58,296	308	0.5%	27,301	156	0.6%
2025	58,554	258	0.4%	27,446	145	0.5%
2026	58,792	238	0.4%	27,587	141	0.5%
2027	59,018	227	0.4%	27,731	144	0.5%
2028	59,341	323	0.5%	27,875	144	0.5%
2029	59,717	376	0.6%	28,024	149	0.5%
2030	60,133	416	0.7%	28,169	145	0.5%
2031	60,587	454	0.8%	28,303	134	0.5%
2032	61,069	482	0.8%	28,429	126	0.4%
2033	61,569	499	0.8%	28,549	120	0.4%
2034	62,071	502	0.8%	28,681	132	0.5%
2035	62,561	490	0.8%	28,811	130	0.5%
2036	63,034	473	0.8%	28,942	130	0.5%
2037	63,494	460	0.7%	29,072	130	0.5%

DRAFT Baseline Without Tesla and Current Housing Costs	Carson City			Churchill		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	55,438			25,387		
2018	55,974	536	1.0%	25,802	415	1.6%
2019	56,463	488	0.9%	26,229	427	1.7%
2020	56,865	402	0.7%	26,519	290	1.1%
2021	57,186	322	0.6%	26,740	221	0.8%
2022	57,479	293	0.5%	26,921	181	0.7%
2023	57,727	248	0.4%	27,078	157	0.6%
2024	57,929	203	0.4%	27,214	137	0.5%
2025	58,103	173	0.3%	27,345	130	0.5%
2026	58,271	168	0.3%	27,474	129	0.5%
2027	58,444	172	0.3%	27,610	136	0.5%
2028	58,745	302	0.5%	27,748	138	0.5%
2029	59,099	354	0.6%	27,894	146	0.5%
2030	59,493	394	0.7%	28,036	142	0.5%
2031	59,923	430	0.7%	28,169	134	0.5%
2032	60,382	458	0.8%	28,295	125	0.4%
2033	60,858	476	0.8%	28,413	118	0.4%
2034	61,339	481	0.8%	28,541	128	0.5%
2035	61,808	469	0.8%	28,671	130	0.5%
2036	62,261	453	0.7%	28,800	128	0.4%
2037	62,702	441	0.7%	28,929	129	0.4%

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037
Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	Clark W/ Additional Factors			Douglas W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	2,193,818			48,300		
2018	2,232,175	38,357	1.7%	48,915	615	1.3%
2019	2,266,702	34,528	1.5%	49,463	548	1.1%
2020	2,322,042	55,339	2.4%	49,848	385	0.8%
2021	2,369,947	47,906	2.1%	50,169	321	0.6%
2022	2,395,751	25,804	1.1%	50,432	263	0.5%
2023	2,418,693	22,942	1.0%	50,649	216	0.4%
2024	2,438,177	19,483	0.8%	50,824	176	0.3%
2025	2,455,416	17,239	0.7%	50,948	124	0.2%
2026	2,471,509	16,093	0.7%	51,044	96	0.2%
2027	2,486,720	15,211	0.6%	51,137	93	0.2%
2028	2,500,778	14,058	0.6%	51,213	77	0.2%
2029	2,514,516	13,739	0.5%	51,293	80	0.2%
2030	2,527,826	13,309	0.5%	51,360	67	0.1%
2031	2,540,589	12,763	0.5%	51,424	64	0.1%
2032	2,552,576	11,987	0.5%	51,473	49	0.1%
2033	2,563,927	11,351	0.4%	51,511	38	0.1%
2034	2,574,614	10,687	0.4%	51,529	18	0.0%
2035	2,584,759	10,145	0.4%	51,529	0	0.0%
2036	2,594,268	9,509	0.4%	51,497	-32	-0.1%
2037	2,603,007	8,739	0.3%	51,437	-60	-0.1%

DRAFT Baseline Without Tesla and Current Housing Costs	Clark			Douglas		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	2,193,818			48,300		
2018	2,245,141	51,323	2.3%	48,853	553	1.1%
2019	2,291,026	45,885	2.0%	49,348	496	1.0%
2020	2,343,694	52,668	2.3%	49,742	394	0.8%
2021	2,389,438	45,745	2.0%	50,051	309	0.6%
2022	2,413,347	23,909	1.0%	50,293	241	0.5%
2023	2,434,702	21,355	0.9%	50,477	185	0.4%
2024	2,452,824	18,122	0.7%	50,615	138	0.3%
2025	2,468,896	16,072	0.7%	50,707	92	0.2%
2026	2,483,993	15,097	0.6%	50,778	72	0.1%
2027	2,498,339	14,346	0.6%	50,854	76	0.1%
2028	2,511,642	13,304	0.5%	50,920	66	0.1%
2029	2,524,715	13,073	0.5%	50,992	72	0.1%
2030	2,537,432	12,717	0.5%	51,054	62	0.1%
2031	2,549,659	12,227	0.5%	51,115	61	0.1%
2032	2,561,153	11,494	0.5%	51,160	46	0.1%
2033	2,572,042	10,888	0.4%	51,194	34	0.1%
2034	2,582,271	10,230	0.4%	51,210	16	0.0%
2035	2,591,965	9,694	0.4%	51,207	-3	0.0%
2036	2,601,048	9,083	0.4%	51,172	-35	-0.1%
2037	2,609,390	8,342	0.3%	51,112	-61	-0.1%

Produced By the NV State Demographer, NV Department of Taxation

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037
Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	Elko W/ Additional Factors			Esmeralda W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	53,287			970		
2018	53,646	359	0.7%	968	-2	-0.3%
2019	53,913	267	0.5%	964	-4	-0.4%
2020	53,938	25	0.0%	959	-5	-0.5%
2021	53,881	-57	-0.1%	955	-4	-0.4%
2022	53,761	-120	-0.2%	949	-6	-0.7%
2023	53,638	-123	-0.2%	941	-7	-0.8%
2024	53,532	-106	-0.2%	931	-10	-1.1%
2025	53,413	-119	-0.2%	922	-10	-1.1%
2026	53,310	-103	-0.2%	915	-6	-0.7%
2027	53,224	-86	-0.2%	915	0	0.0%
2028	53,142	-82	-0.2%	919	4	0.4%
2029	53,094	-48	-0.1%	922	2	0.3%
2030	53,056	-38	-0.1%	925	4	0.4%
2031	53,026	-31	-0.1%	928	2	0.3%
2032	53,022	-3	0.0%	934	6	0.7%
2033	53,052	30	0.1%	936	2	0.3%
2034	53,091	39	0.1%	938	1	0.1%
2035	53,135	45	0.1%	939	1	0.1%
2036	53,188	53	0.1%	941	2	0.3%
2037	53,240	52	0.1%	943	1	0.1%

DRAFT Baseline Without Tesla and Current Housing Costs	Elko			Esmeralda		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	53,287			970		
2018	53,540	253	0.5%	966	-4	-0.4%
2019	53,744	203	0.4%	961	-5	-0.5%
2020	53,815	71	0.1%	956	-5	-0.5%
2021	53,777	-38	-0.1%	953	-4	-0.4%
2022	53,668	-110	-0.2%	948	-5	-0.5%
2023	53,551	-117	-0.2%	940	-7	-0.8%
2024	53,448	-103	-0.2%	930	-10	-1.1%
2025	53,329	-119	-0.2%	920	-10	-1.1%
2026	53,228	-101	-0.2%	914	-6	-0.7%
2027	53,145	-83	-0.2%	914	0	0.0%
2028	53,064	-80	-0.2%	918	4	0.4%
2029	53,020	-44	-0.1%	920	2	0.3%
2030	52,987	-34	-0.1%	924	4	0.4%
2031	52,961	-25	0.0%	927	2	0.3%
2032	52,964	3	0.0%	933	6	0.7%
2033	52,999	35	0.1%	936	4	0.4%
2034	53,043	44	0.1%	938	1	0.1%
2035	53,094	51	0.1%	939	1	0.1%
2036	53,153	59	0.1%	940	1	0.1%
2037	53,210	57	0.1%	941	1	0.1%

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037
Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	Eureka W/ Additional Factors			Humboldt W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	1,932			16,978		
2018	1,844	-88	-4.5%	16,899	-79	-0.5%
2019	1,757	-88	-4.8%	16,833	-67	-0.4%
2020	1,768	11	0.7%	16,741	-92	-0.5%
2021	1,763	-5	-0.3%	16,653	-89	-0.5%
2022	1,761	-2	-0.1%	16,557	-96	-0.6%
2023	1,767	6	0.4%	16,464	-93	-0.6%
2024	1,775	8	0.5%	16,384	-81	-0.5%
2025	1,786	10	0.6%	16,315	-69	-0.4%
2026	1,807	21	1.2%	16,252	-63	-0.4%
2027	1,832	25	1.4%	16,190	-61	-0.4%
2028	1,861	29	1.6%	16,127	-63	-0.4%
2029	1,895	34	1.9%	16,086	-40	-0.2%
2030	1,932	37	1.9%	16,066	-20	-0.1%
2031	1,963	31	1.6%	16,058	-8	-0.1%
2032	1,993	29	1.5%	16,061	3	0.0%
2033	2,022	29	1.5%	16,074	13	0.1%
2034	2,053	31	1.5%	16,089	15	0.1%
2035	2,084	31	1.5%	16,109	20	0.1%
2036	2,112	27	1.3%	16,130	20	0.1%
2037	2,137	25	1.2%	16,150	20	0.1%

DRAFT Baseline Without Tesla and Current Housing Costs	Eureka			Humboldt		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	1,932			16,978		
2018	1,894	-38	-1.9%	16,891	-87	-0.5%
2019	1,864	-30	-1.6%	16,818	-74	-0.4%
2020	1,846	-18	-1.0%	16,729	-89	-0.5%
2021	1,836	-10	-0.6%	16,640	-89	-0.5%
2022	1,832	-4	-0.2%	16,543	-98	-0.6%
2023	1,838	6	0.3%	16,449	-94	-0.6%
2024	1,846	8	0.5%	16,364	-85	-0.5%
2025	1,857	10	0.6%	16,293	-72	-0.4%
2026	1,875	18	1.0%	16,228	-64	-0.4%
2027	1,896	22	1.2%	16,164	-64	-0.4%
2028	1,922	25	1.3%	16,099	-64	-0.4%
2029	1,950	28	1.5%	16,058	-41	-0.3%
2030	1,980	30	1.6%	16,038	-20	-0.1%
2031	2,005	25	1.3%	16,030	-8	-0.1%
2032	2,028	23	1.1%	16,032	2	0.0%
2033	2,052	24	1.2%	16,046	14	0.1%
2034	2,077	25	1.2%	16,060	14	0.1%
2035	2,103	26	1.3%	16,081	21	0.1%
2036	2,126	23	1.1%	16,101	20	0.1%
2037	2,146	20	0.9%	16,121	19	0.1%

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037 Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	Lander W/ Additional Factors			Lincoln W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	6,200			5,170		
2018	6,120	-80	-1.3%	5,078	-92	-1.8%
2019	6,053	-68	-1.1%	4,996	-83	-1.6%
2020	6,006	-46	-0.8%	4,921	-74	-1.5%
2021	5,957	-49	-0.8%	4,847	-74	-1.5%
2022	5,909	-49	-0.8%	4,773	-74	-1.5%
2023	5,866	-43	-0.7%	4,708	-65	-1.4%
2024	5,828	-38	-0.6%	4,638	-70	-1.5%
2025	5,795	-33	-0.6%	4,572	-67	-1.4%
2026	5,758	-37	-0.6%	4,508	-64	-1.4%
2027	5,727	-31	-0.5%	4,454	-54	-1.2%
2028	5,701	-27	-0.5%	4,418	-36	-0.8%
2029	5,685	-15	-0.3%	4,392	-26	-0.6%
2030	5,685	0	0.0%	4,388	-4	-0.1%
2031	5,688	3	0.1%	4,369	-19	-0.4%
2032	5,700	11	0.2%	4,370	1	0.0%
2033	5,714	14	0.3%	4,356	-14	-0.3%
2034	5,728	14	0.3%	4,346	-10	-0.2%
2035	5,749	21	0.4%	4,345	-1	0.0%
2036	5,768	19	0.3%	4,340	-5	-0.1%
2037	5,784	15	0.3%	4,334	-5	-0.1%

DRAFT Baseline Without Tesla and Current Housing Costs	Lander			Lincoln		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	6,200			5,170		
2018	6,151	-49	-0.8%	5,080	-90	-1.7%
2019	6,108	-43	-0.7%	5,001	-79	-1.6%
2020	6,048	-60	-1.0%	4,926	-75	-1.5%
2021	5,990	-59	-1.0%	4,851	-74	-1.5%
2022	5,933	-56	-0.9%	4,776	-75	-1.6%
2023	5,884	-49	-0.8%	4,711	-65	-1.4%
2024	5,841	-43	-0.7%	4,642	-70	-1.5%
2025	5,805	-37	-0.6%	4,574	-68	-1.5%
2026	5,767	-38	-0.6%	4,510	-64	-1.4%
2027	5,733	-34	-0.6%	4,456	-54	-1.2%
2028	5,705	-28	-0.5%	4,420	-36	-0.8%
2029	5,690	-15	-0.3%	4,394	-26	-0.6%
2030	5,688	-1	0.0%	4,389	-5	-0.1%
2031	5,692	3	0.1%	4,371	-18	-0.4%
2032	5,703	11	0.2%	4,372	1	0.0%
2033	5,716	13	0.2%	4,357	-15	-0.3%
2034	5,731	14	0.3%	4,347	-10	-0.2%
2035	5,749	19	0.3%	4,346	-1	0.0%
2036	5,768	19	0.3%	4,341	-5	-0.1%
2037	5,784	15	0.3%	4,335	-5	-0.1%

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037
Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	Lyon W/ Additional Factors			Mineral W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	54,657			4,674		
2018	55,426	769	1.4%	4,612	-62	-1.3%
2019	56,054	628	1.1%	4,569	-43	-0.9%
2020	56,324	270	0.5%	4,534	-34	-0.8%
2021	56,582	258	0.5%	4,508	-27	-0.6%
2022	56,779	198	0.3%	4,494	-14	-0.3%
2023	56,903	123	0.2%	4,486	-8	-0.2%
2024	56,984	81	0.1%	4,489	3	0.1%
2025	57,003	19	0.0%	4,497	8	0.2%
2026	56,970	-34	-0.1%	4,505	9	0.2%
2027	56,900	-70	-0.1%	4,511	5	0.1%
2028	56,816	-83	-0.1%	4,511	0	0.0%
2029	56,723	-93	-0.2%	4,513	2	0.0%
2030	56,618	-105	-0.2%	4,514	1	0.0%
2031	56,530	-89	-0.2%	4,514	0	0.0%
2032	56,430	-100	-0.2%	4,514	0	0.0%
2033	56,318	-112	-0.2%	4,520	6	0.1%
2034	56,203	-115	-0.2%	4,522	1	0.0%
2035	56,087	-116	-0.2%	4,523	1	0.0%
2036	55,961	-126	-0.2%	4,520	-2	0.0%
2037	55,815	-146	-0.3%	4,519	-1	0.0%

DRAFT Baseline Without Tesla and Current Housing Costs	Lyon			Mineral		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	54,657			4,674		
2018	55,177	519	1.0%	4,611	-63	-1.4%
2019	55,581	404	0.7%	4,567	-44	-1.0%
2020	55,874	293	0.5%	4,533	-33	-0.7%
2021	56,071	197	0.4%	4,505	-28	-0.6%
2022	56,165	95	0.2%	4,490	-15	-0.3%
2023	56,157	-8	0.0%	4,482	-9	-0.2%
2024	56,086	-71	-0.1%	4,484	2	0.0%
2025	55,986	-100	-0.2%	4,491	8	0.2%
2026	55,858	-128	-0.2%	4,498	6	0.1%
2027	55,715	-143	-0.3%	4,503	5	0.1%
2028	55,577	-138	-0.2%	4,503	0	0.0%
2029	55,440	-136	-0.2%	4,505	2	0.0%
2030	55,303	-137	-0.2%	4,505	0	0.0%
2031	55,188	-115	-0.2%	4,505	0	0.0%
2032	55,064	-124	-0.2%	4,505	0	0.0%
2033	54,930	-133	-0.2%	4,512	6	0.1%
2034	54,797	-133	-0.2%	4,513	1	0.0%
2035	54,665	-132	-0.2%	4,514	1	0.0%
2036	54,525	-139	-0.3%	4,512	-2	0.0%
2037	54,369	-156	-0.3%	4,511	-1	0.0%

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037
Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	Nye W/ Additional Factors			Pershing W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	46,390			6,743		
2018	46,900	510	1.1%	6,654	-88	-1.3%
2019	47,359	458	1.0%	6,574	-80	-1.2%
2020	47,679	320	0.7%	6,483	-92	-1.4%
2021	47,987	308	0.6%	6,406	-77	-1.2%
2022	48,229	242	0.5%	6,332	-74	-1.2%
2023	48,437	207	0.4%	6,274	-58	-0.9%
2024	48,630	194	0.4%	6,244	-31	-0.5%
2025	48,840	209	0.4%	6,229	-15	-0.2%
2026	49,040	200	0.4%	6,222	-7	-0.1%
2027	49,244	204	0.4%	6,231	9	0.2%
2028	49,444	200	0.4%	6,247	16	0.3%
2029	49,635	191	0.4%	6,268	21	0.3%
2030	49,809	173	0.3%	6,293	25	0.4%
2031	49,972	164	0.3%	6,333	40	0.6%
2032	50,121	149	0.3%	6,365	32	0.5%
2033	50,260	139	0.3%	6,393	28	0.4%
2034	50,418	157	0.3%	6,424	31	0.5%
2035	50,588	170	0.3%	6,454	31	0.5%
2036	50,763	175	0.3%	6,485	31	0.5%
2037	50,948	185	0.4%	6,514	29	0.5%

DRAFT Baseline Without Tesla and Current Housing Costs	Nye			Pershing		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	46,390			6,743		
2018	46,788	398	0.9%	6,642	-101	-1.5%
2019	47,167	380	0.8%	6,551	-91	-1.4%
2020	47,534	367	0.8%	6,465	-86	-1.3%
2021	47,867	333	0.7%	6,389	-76	-1.2%
2022	48,125	258	0.5%	6,314	-75	-1.2%
2023	48,344	219	0.5%	6,255	-59	-0.9%
2024	48,545	201	0.4%	6,223	-33	-0.5%
2025	48,760	215	0.4%	6,207	-16	-0.3%
2026	48,962	202	0.4%	6,199	-8	-0.1%
2027	49,171	208	0.4%	6,207	8	0.1%
2028	49,373	202	0.4%	6,222	15	0.2%
2029	49,567	195	0.4%	6,243	21	0.3%
2030	49,743	175	0.4%	6,269	26	0.4%
2031	49,910	167	0.3%	6,309	40	0.6%
2032	50,062	152	0.3%	6,341	32	0.5%
2033	50,203	141	0.3%	6,370	29	0.5%
2034	50,363	160	0.3%	6,401	31	0.5%
2035	50,535	172	0.3%	6,432	32	0.5%
2036	50,712	178	0.4%	6,463	31	0.5%
2037	50,900	187	0.4%	6,493	31	0.5%

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037
Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	Storey W/ Additional Factors			Washoe W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	4,084			451,923		
2018	4,126	42	1.0%	456,038	4,115	0.9%
2019	4,196	70	1.7%	460,391	4,353	1.0%
2020	4,408	212	5.0%	467,763	7,371	1.6%
2021	4,578	171	3.9%	473,991	6,228	1.3%
2022	4,730	152	3.3%	479,259	5,268	1.1%
2023	4,863	134	2.8%	483,747	4,488	0.9%
2024	4,985	121	2.5%	487,555	3,808	0.8%
2025	5,096	112	2.2%	490,457	2,901	0.6%
2026	5,199	103	2.0%	492,868	2,411	0.5%
2027	5,297	98	1.9%	494,966	2,098	0.4%
2028	5,382	85	1.6%	496,668	1,703	0.3%
2029	5,459	77	1.4%	498,290	1,622	0.3%
2030	5,523	64	1.2%	499,810	1,519	0.3%
2031	5,577	53	1.0%	501,309	1,500	0.3%
2032	5,625	49	0.9%	502,759	1,450	0.3%
2033	5,667	42	0.7%	504,145	1,386	0.3%
2034	5,700	32	0.6%	505,497	1,352	0.3%
2035	5,721	21	0.4%	506,795	1,298	0.3%
2036	5,730	10	0.2%	507,985	1,190	0.2%
2037	5,732	2	0.0%	509,084	1,099	0.2%

DRAFT Baseline Without Tesla and Current Housing Costs	Storey			Washoe		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	4,084			451,923		
2018	4,285	200	4.9%	459,608	7,685	1.7%
2019	4,475	191	4.5%	466,758	7,150	1.6%
2020	4,638	163	3.6%	472,862	6,104	1.3%
2021	4,783	145	3.1%	477,826	4,964	1.0%
2022	4,915	132	2.8%	481,732	3,906	0.8%
2023	5,031	116	2.4%	484,795	3,063	0.6%
2024	5,136	105	2.1%	487,149	2,354	0.5%
2025	5,231	94	1.8%	488,884	1,735	0.4%
2026	5,316	86	1.6%	490,359	1,474	0.3%
2027	5,397	80	1.5%	491,721	1,362	0.3%
2028	5,465	69	1.3%	492,854	1,133	0.2%
2029	5,524	59	1.1%	494,045	1,191	0.2%
2030	5,572	48	0.9%	495,234	1,189	0.2%
2031	5,611	39	0.7%	496,458	1,224	0.2%
2032	5,641	30	0.5%	497,658	1,200	0.2%
2033	5,663	22	0.4%	498,814	1,156	0.2%
2034	5,676	13	0.2%	499,941	1,127	0.2%
2035	5,681	5	0.1%	501,023	1,082	0.2%
2036	5,680	-1	0.0%	502,028	1,005	0.2%
2037	5,673	-7	-0.1%	502,968	940	0.2%

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037
Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	White Pine W/ Additional Factors			State Total W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	10,705			2,986,656		
2018	10,756	51	0.5%	3,031,920	45,263	1.5%
2019	10,786	30	0.3%	3,073,302	41,383	1.4%
2020	10,796	10	0.1%	3,137,650	64,348	2.1%
2021	10,793	-2	0.0%	3,193,073	55,423	1.8%
2022	10,771	-22	-0.2%	3,225,108	32,034	1.0%
2023	10,732	-39	-0.4%	3,253,303	28,196	0.9%
2024	10,694	-39	-0.4%	3,277,268	23,965	0.7%
2025	10,654	-40	-0.4%	3,297,941	20,673	0.6%
2026	10,603	-51	-0.5%	3,316,888	18,947	0.6%
2027	10,558	-44	-0.4%	3,334,654	17,767	0.5%
2028	10,515	-43	-0.4%	3,350,957	16,303	0.5%
2029	10,479	-37	-0.3%	3,366,993	16,036	0.5%
2030	10,443	-35	-0.3%	3,382,551	15,558	0.5%
2031	10,408	-35	-0.3%	3,397,578	15,027	0.4%
2032	10,373	-34	-0.3%	3,411,815	14,237	0.4%
2033	10,349	-24	-0.2%	3,425,364	13,549	0.4%
2034	10,324	-24	-0.2%	3,438,227	12,862	0.4%
2035	10,301	-23	-0.2%	3,450,491	12,264	0.4%
2036	10,276	-26	-0.2%	3,461,940	11,449	0.3%
2037	10,258	-18	-0.2%	3,472,469	10,529	0.3%

DRAFT Baseline Without Tesla and Current Housing Costs	White Pine			State Total		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
2017	10,705			2,986,656		
2018	10,761	57	0.5%	3,048,165	61,509	2.1%
2019	10,796	34	0.3%	3,103,457	55,292	1.8%
2020	10,803	8	0.1%	3,163,850	60,394	1.9%
2021	10,800	-3	0.0%	3,215,705	51,855	1.6%
2022	10,777	-23	-0.2%	3,244,258	28,553	0.9%
2023	10,737	-40	-0.4%	3,269,159	24,901	0.8%
2024	10,697	-40	-0.4%	3,289,975	20,816	0.6%
2025	10,656	-41	-0.4%	3,308,043	18,068	0.5%
2026	10,605	-51	-0.5%	3,324,835	16,792	0.5%
2027	10,559	-45	-0.4%	3,340,827	15,992	0.5%
2028	10,515	-44	-0.4%	3,355,692	14,865	0.4%
2029	10,479	-37	-0.3%	3,370,536	14,844	0.4%
2030	10,443	-35	-0.3%	3,385,091	14,555	0.4%
2031	10,408	-35	-0.3%	3,399,241	14,150	0.4%
2032	10,373	-34	-0.3%	3,412,666	13,424	0.4%
2033	10,349	-24	-0.2%	3,425,454	12,789	0.4%
2034	10,323	-26	-0.2%	3,437,570	12,116	0.4%
2035	10,300	-23	-0.2%	3,449,114	11,544	0.3%
2036	10,275	-26	-0.2%	3,459,905	10,791	0.3%
2037	10,256	-19	-0.2%	3,469,840	9,934	0.3%

DRAFT 2018 Population Projections for Nevada's Counties 2018 to 2037 Based On 2017 Estimate: Includes Tesla as Separate Impact

With Addtional Factors: Tesla and Housing Costs	Reno Carson City Fernly Combined Statistical Area W/ Additional Factors		
	Total Population	Change Previous Year	Percentage Change
2017	614,403		
2018	620,451	6,048	1.0%
2019	626,541	6,090	1.0%
2020	635,233	8,692	1.4%
2021	642,596	7,363	1.2%
2022	648,847	6,251	1.0%
2023	654,150	5,303	0.8%
2024	658,644	4,494	0.7%
2025	662,058	3,414	0.5%
2026	664,872	2,814	0.4%
2027	667,317	2,445	0.4%
2028	669,421	2,104	0.3%
2029	671,483	2,063	0.3%
2030	673,444	1,961	0.3%
2031	675,427	1,983	0.3%
2032	677,357	1,930	0.3%
2033	679,210	1,853	0.3%
2034	680,999	1,789	0.3%
2035	682,692	1,693	0.2%
2036	684,207	1,515	0.2%
2037	685,562	1,355	0.2%

DRAFT Baseline Without Tesla and Current Housing Costs	Reno Carson City Fernly Combined Statistical Area Baseline		
	Total Population	Change Previous Year	Percentage Change
2017	614,403		
2018	623,896	9,493	1.5%
2019	632,625	8,729	1.4%
2020	639,981	7,356	1.2%
2021	645,917	5,936	0.9%
2022	650,584	4,667	0.7%
2023	654,187	3,604	0.6%
2024	656,916	2,728	0.4%
2025	658,911	1,995	0.3%
2026	660,583	1,672	0.3%
2027	662,131	1,548	0.2%
2028	663,562	1,431	0.2%
2029	665,101	1,539	0.2%
2030	666,656	1,555	0.2%
2031	668,295	1,639	0.2%
2032	669,905	1,609	0.2%
2033	671,459	1,554	0.2%
2034	672,963	1,504	0.2%
2035	674,384	1,421	0.2%
2036	675,667	1,283	0.2%
2037	676,824	1,158	0.2%