Nevada County Population Projections 2010 to 2030 October 2010



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The following report contains projections for Nevada and its counties beginning in 2010 through 2030 (starting from the last estimate done in 2009). Nevada continues to experience economic challenges that began with the housing bubble. Construction employment peaked in June 2006. After that, Nevada was impacted by the spike in gasoline prices in 2007 and the crisis in the financial markets in 2008. Nevada's total employment peaked in May 2007. It was also reported that Nevada was again the fasted growing state in the country in 2007. The previous year Arizona was the fastest growing state and before that Nevada was the fastest growing state for 19 years. Things have changed since then. Between the peak and the bottom, Nevada has lost over 196,000 jobs. Job loss in Nevada appears to be flattening out with the low point having been in January 2010.

As is discussed below, two sets of projections for the next 20 years are being presented for Clark County, Washoe County, and the state as a whole and they are based on two distinctly different sources. One is called a low employment growth scenario and has an increase in population of 14,028 over 20 years. The other is called a high employment growth scenario and has an increase in population of 1,212,125 over 20 years. Given the economic situation that has developed over the past decade, there are questions that make any long term projections subject to careful review.

- How soon will employment recover for the country as a whole and Nevada in particular?
- What kind of jobs will make up any employment recovery and what skills will they require?
- How mobile is labor, that is, how willing are people to relocate and do they have the resources to do so? This includes both people moving to Nevada and people emigrating to other areas. While retirees and early retirees may play a role in Nevada's growth, their ability and desire to relocate to Nevada in sufficient numbers to significantly change our demographic and economic characteristics is uncertain. We are likely to be impacted by people who migrated here during their working years, who are aging here and impacting the need for services.
- What economic, social and physical infrastructure is needed to support growth in Nevada?
- What capacity is there to fund our infrastructure and how willing are we as a state to invest in our future?

This report contains the following sections: Introduction; Recent Economic Conditions; Will They Stay or Will They Go?; and the projections by individual year. The Appendix contains a table summarizing national employment, Nevada's historic employment, and the projected jobs by county from the Regional Economics Model, Inc. data.

INTRODUCTION

The projections that follow were produced by using the Regional Economics Model, Inc. (REMI) model. For Clark and Washoe County an alternative projection is presented that is based on data from Moody's.com. These are separate independent data sets and offer very different scenarios for future growth. In working with them, they produce similar results for the Nevada and national economies for the period between 2010 through 2017. They diverge after that time frame. Both have in common that they tie a local economy at the county level to the national economy. Both show the nation not returning to the pre-recession employment peak until the middle or end of this decade. In the case of Moody's.com, the soonest is 2013 and the latest is 2015. In the case of REMI, the pre-recession peak of employment is not reached until 2019.

The Regional Economics Model, Inc. (REMI) model used for the projections is for Nevada's 17 counties. The model has a 30-year history of development and economic theory and is used by a variety of public and private sector users across the country as a tool for conducting projections as well as looking at the economic impacts of specific projects. The REMI model allows the user to look at how regional economies interact with each other and with the nation as a whole. The current model was created with federal data beginning in 2001 using the North American Industrial Classification System NAICS) which was implemented at that time. The data is through 2007 and the years from 2008 forward are modeled. This short date history coincides with some of Nevada's counties having had record population growth and mining recovery from the down turn of the late 1990's. This history of strong growth is the foundation for the projections and limits the ability to model the recent shocks to the economy.

For the Moody's.com data, the State Demographer's office is part of a group of Nevada agencies that purchase projections and historic data from them. In REMI's case, the user is able to model their local economy by updating it to reflect current data and also to create future scenarios by using policy variables such as entering the number of jobs associated with a given project or the number of migrants moving into an area. There are very different projections resulting from these two sources. The REMI forecast has low growth in employment for Nevada over the coming years and Moody's.com has the Clark County economy rebounding with the national economy and Washoe County doing so soon after. Table 1

-	2009	2016	2023	2030
Carson City	56,506	53,693	52,199	53,177
Churchill	26,859	26,750	26,450	27,085
Clark Low Job Growth	1,952,040	1,919,790	1,919,529	1,979,045
Clark High Job Growth	1,952,040	2,014,984	2,530,306	3,066,872
Douglas	51,390	50,149	49,500	50,455
Elko	51,325	53,830	51,651	51,699
Esmeralda	1,187	1,133	1,070	1,028
Eureka	1,562	1,641	1,577	1,461
Humboldt	17,690	16,857	15,656	14,672
Lander	6,003	5,694	5,139	4,655
Lincoln	4,317	4,199	4,231	4,384
Lyon	53,825	52,104	52,014	55,076
Mineral	4,474	4,792	5,075	5,329
Nye	46,360	45,003	44,904	46,859
Pershing	7,149	6,809	6,021	5,620
Storey	4,317	4,047	4,048	4,240
Washoe Low Job Growth	416,632	398,537	396,358	412,190
Washoe High Job Growth	416,632	397,946	462,322	522,460
White Pine	9,570	9,081	8,599	8,259
State Total Low Job Growth	2,711,205	2,654,109	2,644,022	2,725,233
State Total High Job Growth	2,711,205	2,748,710	3,320,761	3,923,330

The following two tables show the projected percentage change in jobs from decade to decade for the two models for Clark and Washoe Counties. As can be seen, while both models have job growth the Moody's.com data shows robust growth that from today's perspective might be questionable.

Table 2. Comparison of Decade to Decade Percentage Job Growth For Clark County								
		2010 to 2020			2020	20 to 2030		
		REMI	Moody's.com		REMI	Moody's.com		
Total Non-Agricultural		7.4%	40.0%		3.8%	31.9%		
Natural Resources & Mining		-18.5%	-2.9%		-29.9%	-2.8%		

Table 2. Comparison of Decade to Decade Percentage Job Growth For Clark County								
	2010	0 to 2020	2020) to 2030				
	REMI	Moody's.com	REMI	Moody's.com				
Construction	6.6%	94.3%	-1.6%	54.9%				
Manufacturing - Total	-11.7%	5.5%	-2.5%	-1.1%				
Wholesale Trade	-7.2%	8.9%	-17.0%	4.0%				
Retail Trade	4.3%	19.2%	1.6%	15.1%				
Transportation & Warehousing	11.6%	23.9%	8.3%	20.8%				
Utilities	-6.1%	9.1%	-5.0%	23.3%				
Information	-1.5%	33.0%	-8.1%	31.4%				
Financial Activities	8.2%	48.5%	5.1%	41.6%				
Professional & Business Services	12.0%	30.2%	4.0%	30.4%				
Education & Health Services	25.3%	36.9%	18.3%	39.4%				
Leisure & Hospitality	6.0%	50.6%	3.4%	34.4%				
Other Services	11.8%	26.3%	8.5%	31.9%				
Total Private Non Farm	8.3%	40.4%	4.4%	32.6%				
Government	-0.2%	37.5%	-1.1%	26.7%				

Table 3. Comparison of Decade to Decade Percentage Job Growth For Washoe County							
	201	0 to 2020	2020) to 2030			
	REMI	Moody's.com	REMI	Moody's.com			
Total Non-Agricultural	9.1%	23.2%	5.0%	20.5%			
Natural Resources & Mining	-20.6%	-1.3%	-31.9%	1.5%			
Construction	9.5%	103.4%	-1.6%	31.5%			
Manufacturing - Total	-13.9%	13.4%	-4.7%	8.9%			
Wholesale Trade	-4.5%	18.3%	-13.8%	9.1%			
Retail Trade	3.1%	8.9%	0.5%	3.0%			
Transportation & Warehousing	12.1%	15.9%	8.7%	9.8%			
Utilities	-7.9%	3.6%	-6.1%	4.9%			
Information	2.6%	28.7%	-5.4%	80.1%			
Financial Activities	7.9%	39.7%	4.5%	46.5%			
Professional & Business Services	16.8%	15.2%	7.5%	35.8%			
Education & Health Services	23.7%	0.6%	16.4%	8.3%			
Leisure & Hospitality	12.8%	36.7%	7.9%	24.6%			
Other Services	13.5%	15.8%	9.3%	21.9%			
Total Private Non Farm	10.1%	23.7%	5.6%	21.7%			

Table 3. Comparison of Decade to Decade Percentage Job Growth For Washoe County								
		2010) to 2020		2020	20 to 2030		
		REMI	Moody's.com		REMI	Moody's.com		
Government		2.2%	20.5%		0.8%	13.7%		

In preparing the REMI-based projections there were two main steps in adjusting the model. REMI comes with a built in projection, what has come to be called the Out of the Box Projection because it has not yet been altered by the user. The model's last year of data history was 2007, so we updated the national part of the model to reflect employment through 2010. That updated national model was run with Nevada's counties. The next step is to update local employment by sector for the counties, for Clark and Washoe Counties this was done through 2010 and because of limited information it was done through 2009 for the other counties. With updating employment for Nevada's counties, it appears that there a substantial disconnect between Nevada's economy and the national economy. This is shown in Graph 1: Comparison Of REMI Models With Impact of Local Employment Updates. Nevada's recent and potential economic performance is below where it is predicted to be based on its earlier performance in relation to the nation as a whole. It is beyond the scope of this report to fully diagnose this apparent disconnect between Nevada's economy and the national economy. There could be any number of reasons either alone or in combination.

-Out of The Box Updated National Employment Updated Nevada Employment 2200 2100 2000 1900 **Employment In Thous** 1800 1700 1600 1500 1400 1300 1200

Graph 1: Comparison Of REMI Models With Impact of Local Employment Updates

RECENT ECONOMIC CONDITIONS

The following table is taken from Appendices A and B. It shows the percentage changes for the periods of January 2000 to peak employment, peak employment to bottom, and bottom to August 2010. It shows these changes for the total employment, accommodation and food services, construction, and retail sectors. What is clear is how much of a role construction played in Nevada's growth from 2000 to its peak of employment, that sector grew at almost three times the US rate, the fall off was worse than the US, and the recovery is clearly below the US rate of recovery. Another indicator of how big the bubble was in the construction sector for Nevada is to compare the growth in construction employment, 75.7%, to the growth in population by 2006, 23.5% (using Census Bureau estimates). The accommodation and food

Year

sector in Nevada actually grew more slowly than the country as a whole and its decline has been quicker than the US total and it has been slower to recover as well. This is further reported on in Table 5. Nevada's Location Quotient for Selected Years.

Table 4. Comparison of Nevada and US Rates fo Change for Selected Periods Over The Decade										
Change from	January 2000 to Peak			Peak To Bottom			Bottom to August 2010			
	Nevada	US Total		Nevada	US Total		Nevada	US Total		
Total Employment	31.5%	7.7%		-15.1%	-9.7%		0.0%	3.5%		
Construction Employment	75.7%	27.3%		-58.9%	-36.0%		1.1%	14.8%		
Retail	38.0%	6.9%		-17.0%	-12.5%		2.5%	2.3%		
Accommodation and Food Service	16.0%	24.2%		-13.6%	-9.7%		2.6%	8.4%		

A location quotient analysis is a way to assess an areas basic and non-basic industries. Basic activities are industrial sectors that not only satisfy local demand for goods or services but also export those goods or services, or activities that grow the economy by bringing in outside dollars. In Nevada, for our hotel and gaming sectors, we import consumers to purchase the experience of gaming and other recreational activities. Conducting a location quotient analysis looks at the distribution of economic activity (in this case measured by jobs) in a local economy relative to the percentage distribution nationally. For example, in 2009, 5.56% of the US jobs are in construction and in Nevada it is 8.2%, that ends up being a location quotient of 1.47 (8.2%/5.56% = 1.47). Location quotients below 1 indicate an area is serving mostly its own demand, a number higher than one means that an area is exporting that good or service or it could be experiencing an unsustainable level of activity if that is traditionally a sector that responds to local demand.

Table 5. Nevada's Location Quotient for Selected Years								
	2001	2006	2007	2009				
Agriculture, forestry, fishing and hunting	0.22	0.20	0.20	0.22				
Mining, quarrying, and oil and gas extraction	2.14	1.87	1.84	1.97				
Utilities	0.72	0.92	0.83	0.88				
Construction	1.60	1.88	1.78	1.47				
Manufacturing	0.32	0.36	0.37	0.37				
Wholesale trade	0.72	0.66	0.67	0.68				
Retail trade	0.89	0.89	0.91	0.96				
Transportation and warehousing	1.03	1.06	1.13	1.24				
Information	0.62	0.50	0.53	0.51				
Educational services	0.23	0.29	0.31	0.36				
Health care and social assistance	0.59	0.55	0.57	0.61				
Arts, entertainment, and recreation	1.80	1.58	1.58	1.48				
Finance and insurance	0.72	0.65	0.63	0.63				
Real estate and rental and leasing	1.22	1.24	1.28	1.25				
Professional and technical services	0.65	0.73	0.72	0.71				
Management of companies and enterprises	0.68	0.78	0.91	1.05				
Administrative and waste services	1.05	1.09	1.05	1.05				

Table 5. Nevada's Location Quotient for Selected Years								
	2001 2006 2007							
Accommodation and food services	3.25	2.77	2.73	2.76				
Other services, except public administration	0.66	0.65	0.66	0.68				
Unclassified	0.22	0.33	0.49	0.47				

The years selected for Table 5 are 2001, when the NAICS classification system was established, 2006 which was the peak of construction employment, 2007 which was the peak of total employment, and 2009, the most recent data that is available for this analysis. Construction's location quotient changed over those years from 1.68, to 1.88, to 1.78 to 1.47 in 2009. Construction drove and still drives much of our economy. The accommodation and foods services sector and the arts, entertainment, and recreation sector have seen declines in their location quotient which could be an indication that Nevada is losing its competitive edge in these sectors. We have had growth in the export capacity of the management of companies and enterprises sector and the transportation and warehousing sector. What is striking is how concentrated we have been in three sectors over the past decade; accommodation and food services, mining, and especially at peak employment, construction.

Three other tables show how the role gaming plays in Nevada's economy may be changing over time. Table 6 and Table 7 show the number of establishments as reported by the Bureau of Labor Statistics for Nevada and the United States for casino hotels and for casinos that are not part of hotels. The US total included private establishments as well as those reported as being owned by local governments. In Nevada's case, we have been losing hotel casinos but gaining in non-hotel casinos. Hotel casinos provide the larger share of jobs and in the past have drawn the largest amount of tourists to the state. For the balance of the country, there was a loss of hotel casinos through 2006 which may reflect the impact of Hurricane Katrina in 2005. Since 2006 there has been an increase in hotel casinos. The other factor that will impact the recovery of Nevada's tourist sector in the recovery of the California economy. Table 8 shows their reported change in employment at projected by the California Department of Finance.

Table 6.	Table 6. Number of Casino Hotels in Nevada and The United States								
	Total Num	ber	Percentage Chang						
Year	US Total	Nevada	Balance of US	Nevada	Balance of US				
2001	429	172	257						
2002	439	181	258	5.2%	0.4%				
2003	445	181	264	0.0%	2.3%				
2004	418	177	241	-2.2%	-8.7%				
2005	402	179	223	1.1%	-7.5%				
2006	393	173	220	-3.4%	-1.3%				
2007	397	164	233	-5.2%	5.9%				
2008	404	165	239	0.6%	2.6%				
2009	401	161	240	-2.4%	0.4%				

Table 7. Number of Casinos, except casino hotels in Nevada and The United States						
	Total Num	Total Number			entage Change	
Year	US Total	Nevada	Balance of US	Nevada	Balance of US	
2001	615	94	521			
2002	615	104	511	10.6%	-1.9%	

	Table 7. Number of Casinos, except casino hotels in Nevada and The United States						
	Total Num	ber		Perc	entage Change		
2003	611	115	496	10.6%	-2.9%		
2004	600	124	476	7.8%	-4.0%		
2005	600	128	472	3.2%	-0.8%		
2006	592	132	460	3.1%	-2.5%		
2007	618	137	481	3.8%	4.6%		
2008	629	143	486	4.4%	1.0%		
2009	634	154	480	7.7%	-1.2%		

California's employment peaked in 2007 and for now is projected to still be 4.2% below that peak as of 2012. While jobs may be coming back, the labor force is expected to grow and this will keep their unemployment rate above 9.0% for the foreseeable future. Because of this there still may be limited demand for our tourist oriented products from our main market.

	Total Non-Farm Employment	Civilian Labor Force	Civilian Employment	Civilian Unemployment	Civilian Unemployment Rate
2001	14,603.0	17,119.9	16,191.0	928.9	5.4%
2002	14,458.2	17,254.7	16,097.7	1,157.0	6.7%
2003	14,392.7	17,288.4	16,103.7	1,184.7	6.9%
2004	14,531.4	17,372.3	16,287.9	1,084.4	6.2%
2005	14,799.8	17,545.5	16,594.0	951.5	5.4%
2006	15,059.3	17,719.3	16,849.7	869.6	4.9%
2007	15,172.9	17,970.7	17,013.5	957.2	5.3%
2008	14,982.4	18,253.9	16,935.2	1,318.8	7.2%
2009	14,089.0	18,252.5	16,170.2	2,082.3	11.4%
2010	13,984.5	18,189.2	16,030.7	2,158.6	11.9%
2011	14,228.8	18,426.2	16,446.0	1,980.1	10.7%
2012	14,532.9	18,638.9	16,872.4	1,766.5	9.5%

WILL THEY STAY OR WILL THEY GO

As was stated in the Introduction, both REMI and Moody's.com have been built on data that covers a period of high growth for Nevada. Because of that, as the economy has declined population growth in the models has been slow to respond to changing employment. Focusing on the REMI model, the ratio of population to jobs was decreasing up until 2008, Through then the average ratio was 1.59. In 2009 that increased to 1.72 which likely reflects our unemployment situation. However, what caused concern in examining the model's results was that the ratio continue to grow over time. As shown in Table 9. REMI Population to Jobs Ratio - Historic and Projected it increases to 2.36 by 2030. Even if one allows for an increase in the over 65 population over the next two decades that only accounts for 0.07 persons of the increase in persons per job. After talking with REMI staff and considering these results, it seemed best to not rely on their population projections. The assumption that was made was the 2009 ratio represented a peak of the ratio of jobs to people. As the

US economy improves over the next 10 years it is assumed that we will see people leave Nevada until this ratio reaches the previous historic average of 1.59 persons per job. What follows after Table 9 is the year-by-year projections for Nevada and its counties through 2030. Again, as one considers these projections, or any other long term projections they need to consider the questions first cited in the Introduction and one of the key ones is, "How mobile is labor going to be in the coming decade?"

			Labor Force Participation	Percentage of Population Age:		
	Total Employment	Population	Ratio	Rate	0 to 19	65 and over
2001	1,288,797	2,093,973	1.62	69%	28%	11%
2002	1,303,590	2,164,518	1.66	69%	28%	11%
2003	1,363,365	2,233,830	1.64	68%	28%	11%
2004	1,449,690	2,323,875	1.60	67%	28%	11%
2005	1,543,115	2,401,671	1.56	67%	28%	11%
2006	1,626,302	2,484,196	1.53	68%	28%	11%
2007	1,666,535	2,554,344	1.53	68%	28%	11%
2008	1,660,523	2,606,311	1.57	68%	28%	11%
2009	1,534,029	2,643,081	1.72	67%	28%	12%
2010	1,505,837	2,721,481	1.81	66%	28%	12%
2020	1,631,526	3,454,995	2.12	60%	28%	15%
2030	1,703,014	4,013,274	2.36	55%	28%	18%

The projections tables begin on the following page.

		Carson City	
		Change	
	Total	Previous	Percentage
	Population	Year	Change
2009	56,506		
2010	55,188	-1,318	-2.3%
2011	54,780	-407	-0.7%
2012	54,546	-235	-0.4%
2013	54,422	-123	-0.2%
2014	54,184	-239	-0.4%
2015	53,925	-259	-0.5%
2016	53,693	-232	-0.4%
2017	53,329	-364	-0.7%
2018	53,033	-296	-0.6%
2019	52,722	-311	-0.6%
2020	52,589	-132	-0.3%
2021	52,484	-105	-0.2%
2022	52,296	-189	-0.4%
2023	52,199	-97	-0.2%
2024	52,184	-15	0.0%
2025	52,216	32	0.1%
2026	52,318	102	0.2%
2027	52,488	170	0.3%
2028	52,659	171	0.3%
2029	52,920	262	0.5%
2030	53,177	257	0.5%

Churchill				
	Change			
Total	Previous	Percentage		
Population	Year	Change		
26,859				
26,357	-502	-1.9%		
26,384	27	0.1%		
26,448	64	0.2%		
26,615	167	0.6%		
26,662	47	0.2%		
26,715	53	0.2%		
26,750	34	0.1%		
26,724	-26	-0.1%		
26,696	-27	-0.1%		
26,713	17	0.1%		
26,648	-65	-0.2%		
26,579	-69	-0.3%		
26,449	-130	-0.5%		
26,450	1	0.0%		
26,479	28	0.1%		
26,522	44	0.2%		
26,612	90	0.3%		
26,739	127	0.5%		
26,836	97	0.4%		
26,948	112	0.4%		
27,085	136	0.5%		

	Clark Low Job Growth			
		Change		
	Total	Previous	Percentage	
	Population	Year	Change	
2009	1,952,040			
2010	1,902,502	-49,539	-2.5%	
2011	1,903,571	1,069	0.1%	
2012	1,909,904	6,333	0.3%	
2013	1,916,991	7,088	0.4%	
2014	1,919,660	2,668	0.1%	
2015	1,920,674	1,014	0.1%	
2016	1,919,790	-883	0.0%	
2017	1,912,943	-6,847	-0.4%	
2018	1,907,558	-5,385	-0.3%	
2019	1,902,698	-4,860	-0.3%	
2020	1,905,694	2,996	0.2%	
2021	1,910,403	4,708	0.2%	
2022	1,914,536	4,133	0.2%	
2023	1,919,529	4,994	0.3%	
2024	1,925,687	6,157	0.3%	
2025	1,931,160	5,473	0.3%	
2026	1,938,666	7,507	0.4%	
2027	1,947,210	8,543	0.4%	
2028	1,956,894	9,684	0.5%	
2029	1,967,888	10,994	0.6%	
2030	1,979,045	11,157	0.6%	

Clark High Job Growth			
	Change		
Total	Previous	Percentage	
Population	Year	Change	
1,952,040			
1,902,502	-49,539	-2.5%	
1,903,571	1,069	0.1%	
1,909,904	6,333	0.3%	
1,916,991	7,088	0.4%	
1,919,660	2,668	0.1%	
1,947,432	27,772	1.4%	
2,014,984	67,552	3.5%	
2,085,823	70,840	3.5%	
2,166,548	80,725	3.9%	
2,248,925	82,377	3.8%	
2,325,456	76,531	3.4%	
2,395,533	70,077	3.0%	
2,461,991	66,458	2.8%	
2,530,306	68,315	2.8%	
2,604,748	74,442	2.9%	
2,674,914	70,167	2.7%	
2,746,379	71,464	2.7%	
2,822,030	75,652	2.8%	
2,900,225	78,195	2.8%	
2,980,522	80,297	2.8%	
3,066,872	86,350	2.9%	

		Douglas	
		Change	
	Total	Previous	Percentage
	Population	Year	Change
2009	51,390		
2010	50,355	-1,035	-2.0%
2011	50,216	-139	-0.3%
2012	50,220	5	0.0%
2013	50,325	104	0.2%
2014	50,293	-32	-0.1%
2015	50,255	-39	-0.1%
2016	50,149	-105	-0.2%
2017	49,944	-205	-0.4%
2018	49,759	-185	-0.4%
2019	49,584	-174	-0.4%
2020	49,550	-35	-0.1%
2021	49,579	29	0.1%
2022	49,514	-65	-0.1%
2023	49,500	-15	0.0%
2024	49,562	62	0.1%
2025	49,634	72	0.1%
2026	49,741	108	0.2%
2027	49,888	147	0.3%
2028	50,049	161	0.3%
2029	50,259	210	0.4%
2030	50,455	196	0.4%

Elko			
	Change		
Total	Previous	Percentage	
Population	Year	Change	
51,325			
52,042	717	1.4%	
52,154	112	0.2%	
53,513	1,359	2.6%	
54,193	681	1.3%	
54,560	366	0.7%	
53,707	-852	-1.6%	
53,830	123	0.2%	
53,892	62	0.1%	
53,940	47	0.1%	
54,227	288	0.5%	
51,980	-2,247	-4.1%	
52,101	120	0.2%	
52,512	412	0.8%	
51,651	-862	-1.6%	
51,697	46	0.1%	
51,368	-329	-0.6%	
51,406	38	0.1%	
51,448	42	0.1%	
51,516	68	0.1%	
51,619	102	0.2%	
51,699	80	0.2%	

	Esmeralda				
		Change			
	Total	Previous	Percentage		
	Population	Year	Change		
2009	1,187				
2010	1,158	-29	-2.5%		
2011	1,153	-4	-0.4%		
2012	1,151	-2	-0.2%		
2013	1,151	0	0.0%		
2014	1,147	-4	-0.4%		
2015	1,140	-7	-0.6%		
2016	1,133	-7	-0.6%		
2017	1,126	-7	-0.6%		
2018	1,118	-9	-0.8%		
2019	1,111	-7	-0.6%		
2020	1,100	-11	-1.0%		
2021	1,091	-9	-0.8%		
2022	1,079	-11	-1.0%		
2023	1,070	-9	-0.8%		
2024	1,064	-7	-0.6%		
2025	1,055	-9	-0.8%		
2026	1,048	-7	-0.6%		
2027	1,041	-7	-0.6%		
2028	1,037	-4	-0.4%		
2029	1,032	-4	-0.4%		
2030	1.028	-4	-0.4%		

Eureka			
	Change		
Total	Previous	Percentage	
Population	Year	Change	
1,562			
1,559	-3	-0.2%	
1,555	-3	-0.2%	
1,555	0	0.0%	
1,661	106	6.8%	
1,656	-5	-0.3%	
1,648	-8	-0.5%	
1,641	-7	-0.4%	
1,632	-8	-0.5%	
1,593	-39	-2.4%	
1,586	-7	-0.4%	
1,581	-5	-0.3%	
1,580	-2	-0.1%	
1,580	0	0.0%	
1,577	-3	-0.2%	
1,577	0	0.0%	
1,456	-120	-7.6%	
1,456	0	0.0%	
1,458	2	0.1%	
1,458	0	0.0%	
1,459	2	0.1%	
1,461	2	0.1%	

	Humboldt		
		Change	
	Total	Previous	Percentage
	Population	Year	Change
2009	17,690		
2010	17,511	-180	-1.0%
2011	17,504	-7	0.0%
2012	17,441	-62	-0.4%
2013	17,315	-126	-0.7%
2014	17,161	-154	-0.9%
2015	17,011	-151	-0.9%
2016	16,857	-154	-0.9%
2017	16,656	-201	-1.2%
2018	16,578	-78	-0.5%
2019	16,357	-221	-1.3%
2020	16,154	-202	-1.2%
2021	15,995	-159	-1.0%
2022	15,810	-185	-1.2%
2023	15,656	-154	-1.0%
2024	15,499	-157	-1.0%
2025	15,346	-152	-1.0%
2026	15,199	-147	-1.0%
2027	15,061	-138	-0.9%
2028	14,919	-142	-0.9%
2029	14,788	-131	-0.9%
2030	14,672	-116	-0.8%

	Lander	
	Change	
Total	Previous	Percentage
Population	Year	Change
6,003		
5,952	-50	-0.8%
5,923	-30	-0.5%
5,902	-20	-0.3%
5,885	-17	-0.3%
5,826	-60	-1.0%
5,751	-74	-1.3%
5,694	-58	-1.0%
5,614	-80	-1.4%
5,536	-78	-1.4%
5,469	-67	-1.2%
5,362	-106	-1.9%
5,288	-74	-1.4%
5,212	-76	-1.4%
5,139	-73	-1.4%
5,068	-71	-1.4%
4,960	-108	-2.1%
4,892	-69	-1.4%
4,826	-65	-1.3%
4,767	-60	-1.2%
4,709	-58	-1.2%
4,655	-54	-1.1%

	Lincoln		
	Change		
	Total	Previous	Percentage
	Population	Year	Change
2009	4,317		
2010	4,238	-79	-1.8%
2011	4,222	-16	-0.4%
2012	4,215	-7	-0.2%
2013	4,218	3	0.1%
2014	4,209	-9	-0.2%
2015	4,204	-5	-0.1%
2016	4,199	-5	-0.1%
2017	4,195	-4	-0.1%
2018	4,192	-4	-0.1%
2019	4,190	-2	0.0%
2020	4,195	6	0.1%
2021	4,208	13	0.3%
2022	4,218	9	0.2%
2023	4,231	13	0.3%
2024	4,247	17	0.4%
2025	4,264	17	0.4%
2026	4,285	21	0.5%
2027	4,305	21	0.5%
2028	4,330	24	0.6%
2029	4,358	28	0.6%
2030	4,384	26	0.6%

Lyon			
	Change		
Total	Previous	Percentage	
Population	Year	Change	
53,825			
52,470	-1,355	-2.5%	
52,225	-245	-0.5%	
52,175	-50	-0.1%	
52,523	349	0.7%	
52,390	-134	-0.3%	
52,269	-120	-0.2%	
52,104	-165	-0.3%	
51,857	-247	-0.5%	
51,630	-227	-0.4%	
51,422	-208	-0.4%	
51,610	188	0.4%	
51,862	251	0.5%	
51,740	-121	-0.2%	
52,014	274	0.5%	
52,353	339	0.7%	
52,720	367	0.7%	
53,135	415	0.8%	
53,584	449	0.8%	
54,050	466	0.9%	
54,575	525	1.0%	
55,076	501	0.9%	

	Mineral		
	Change		
	Total	Previous	Percentage
	Population	Year	Change
2009	4,474		
2010	4,524	49	1.1%
2011	4,571	48	1.1%
2012	4,619	48	1.0%
2013	4,665	47	1.0%
2014	4,708	43	0.9%
2015	4,752	44	0.9%
2016	4,792	40	0.8%
2017	4,834	42	0.9%
2018	4,875	42	0.9%
2019	4,914	39	0.8%
2020	4,955	41	0.8%
2021	4,994	39	0.8%
2022	5,034	40	0.8%
2023	5,075	41	0.8%
2024	5,115	40	0.8%
2025	5,157	42	0.8%
2026	5,199	42	0.8%
2027	5,238	39	0.7%
2028	5,270	32	0.6%
2029	5,300	30	0.6%
2030	5,329	29	0.5%

Nye			
	Change		
Total	Previous	Percentage	
Population	Year	Change	
46,360			
44,844	-1,516	-3.3%	
44,195	-649	-1.4%	
44,398	202	0.5%	
44,686	289	0.6%	
44,815	129	0.3%	
44,920	105	0.2%	
45,003	84	0.2%	
44,391	-612	-1.4%	
44,353	-38	-0.1%	
44,338	-15	0.0%	
44,417	79	0.2%	
44,576	159	0.4%	
44,724	148	0.3%	
44,904	180	0.4%	
45,127	223	0.5%	
45,341	214	0.5%	
45,601	259	0.6%	
45,882	281	0.6%	
46,186	304	0.7%	
46,523	337	0.7%	
46,859	337	0.7%	

	Pershing		
		Change	
	Total	Previous	Percentage
	Population	Year	Change
2009	7,149		
2010	7,069	-80	-1.1%
2011	7,033	-36	-0.5%
2012	6,996	-36	-0.5%
2013	6,957	-39	-0.6%
2014	6,908	-49	-0.7%
2015	6,857	-51	-0.7%
2016	6,809	-48	-0.7%
2017	6,751	-57	-0.8%
2018	6,403	-349	-5.2%
2019	6,328	-75	-1.2%
2020	6,239	-89	-1.4%
2021	6,165	-74	-1.2%
2022	6,089	-77	-1.2%
2023	6,021	-67	-1.1%
2024	5,957	-64	-1.1%
2025	5,884	-74	-1.2%
2026	5,825	-58	-1.0%
2027	5,767	-58	-1.0%
2028	5,718	-49	-0.8%
2029	5,666	-52	-0.9%
2030	5.620	-46	-0.8%

Storey			
	Change		
Total	Previous	Percentage	
Population	Year	Change	
4,317			
4,148	-169	-3.9%	
4,112	-35	-0.8%	
4,096	-16	-0.4%	
4,092	-4	-0.1%	
4,075	-17	-0.4%	
4,063	-12	-0.3%	
4,047	-16	-0.4%	
4,030	-18	-0.4%	
4,013	-17	-0.4%	
3,994	-19	-0.5%	
4,008	15	0.4%	
4,026	18	0.4%	
4,034	7	0.2%	
4,048	15	0.4%	
4,068	19	0.5%	
4,090	22	0.5%	
4,115	25	0.6%	
4,143	28	0.7%	
4,174	31	0.8%	
4,207	33	0.8%	
4,240	33	0.8%	

	Washoe Low Job Growth		
	Change		
	Total	Previous	Percentage
	Population	Year	Change
2009	416,632		
2010	402,001	-14,631	-3.5%
2011	401,135	-866	-0.2%
2012	401,363	228	0.1%
2013	401,516	153	0.0%
2014	400,713	-803	-0.2%
2015	399,936	-777	-0.2%
2016	398,537	-1,399	-0.3%
2017	396,023	-2,514	-0.6%
2018	393,707	-2,316	-0.6%
2019	391,251	-2,456	-0.6%
2020	392,543	1,292	0.3%
2021	394,110	1,566	0.4%
2022	395,165	1,055	0.3%
2023	396,358	1,193	0.3%
2024	397,811	1,453	0.4%
2025	399,513	1,702	0.4%
2026	401,599	2,087	0.5%
2027	403,951	2,352	0.6%
2028	406,573	2,621	0.6%
2029	409,494	2,922	0.7%
2030	412,190	2,696	0.7%

Washoe High Job Growth			
	Change		
Total	Previous	Percentage	
Population	Year	Change	
416,632			
402,001	-14,631	-3.5%	
401,135	-866	-0.2%	
401,363	228	0.1%	
401,516	153	0.0%	
400,713	-803	-0.2%	
399,936	-777	-0.2%	
397,946	-1,991	-0.5%	
406,883	8,937	2.2%	
416,273	9,390	2.3%	
425,394	9,121	2.2%	
433,663	8,269	1.9%	
444,504	10,841	2.5%	
454,974	10,470	2.4%	
462,322	7,347	1.6%	
470,531	8,209	1.8%	
478,270	7,739	1.6%	
486,131	7,860	1.6%	
494,754	8,624	1.8%	
503,645	8,891	1.8%	
512,883	9,238	1.8%	
522,460	9,576	1.9%	

	White Pine		
		Change	
	Total	Previous	Percentage
	Population	Year	Change
2009	9,570		
2010	9,495	-75	-0.8%
2011	9,429	-67	-0.7%
2012	9,379	-50	-0.5%
2013	9,329	-49	-0.5%
2014	9,248	-81	-0.9%
2015	9,162	-87	-0.9%
2016	9,081	-81	-0.9%
2017	8,991	-90	-1.0%
2018	8,918	-73	-0.8%
2019	8,853	-65	-0.7%
2020	8,779	-74	-0.8%
2021	8,718	-61	-0.7%
2022	8,658	-59	-0.7%
2023	8,599	-59	-0.7%
2024	8,545	-54	-0.6%
2025	8,475	-71	-0.8%
2026	8,419	-56	-0.7%
2027	8,372	-46	-0.6%
2028	8,337	-35	-0.4%
2029	8,304	-33	-0.4%
2030	8,259	-45	-0.5%

State Total Based On Low Job Growth			
	Change		
Total	Previous	Percentage	
Population	Year	Change	
2,711,205			
2,641,411	-69,794	-2.6%	
2,640,161	-1,249	0.0%	
2,647,921	7,760	0.3%	
2,656,548	8,626	0.3%	
2,658,214	1,667	0.1%	
2,656,987	-1,227	0.0%	
2,654,109	-2,879	-0.1%	
2,642,933	-11,176	-0.4%	
2,633,900	-9,033	-0.3%	
2,625,756	-8,144	-0.3%	
2,627,407	1,651	0.1%	
2,633,759	6,352	0.2%	
2,638,649	4,891	0.2%	
2,644,022	5,372	0.2%	
2,652,039	8,017	0.3%	
2,659,161	7,122	0.3%	
2,669,517	10,356	0.4%	
2,681,402	11,885	0.4%	
2,694,772	13,370	0.5%	
2,710,049	15,277	0.6%	
2,725,233	15,184	0.6%	

	State Total Ba	ased On High	n Job Growth
		Change	
	Total	Previous	Percentage
	Population	Year	Change
2009	2,711,205		
2010	2,641,411	-69,794	-2.6%
2011	2,640,161	-1,249	0.0%
2012	2,647,921	7,760	0.3%
2013	2,656,548	8,626	0.3%
2014	2,658,214	1,667	0.1%
2015	2,683,746	25,531	1.0%
2016	2,748,710	64,964	2.4%
2017	2,826,672	77,962	2.8%
2018	2,915,456	88,783	3.1%
2019	3,006,126	90,671	3.1%
2020	3,088,288	82,162	2.7%
2021	3,169,283	80,995	2.6%
2022	3,245,914	76,631	2.4%
2023	3,320,761	74,848	2.3%
2024	3,403,820	83,059	2.5%
2025	3,481,673	77,853	2.3%
2026	3,561,761	80,088	2.3%
2027	3,647,026	85,265	2.4%
2028	3,735,176	88,150	2.4%
2029	3,826,073	90,897	2.4%
2030	3,923,330	97,257	2.5%

Appendix A: National Current Employment Statistics (CES) Estimates for January 2000 through August 2010

Table1: Employment For Selected National		Peak Employmen	t	Bottom Employ		
Industries Showing Peak And Bottom Employment	January 2000 Employment	Date of:	Level	Date of:		August 2010 Employment
Total Employment (in 000's)	108,272.0	June-07	116,603.0	January-10	105,252.0	108,903.0
Construction Employment (in 000's)	6,322.0	August-06	8,045.0	February-10	5,150.0	5,914.0
Retail (in 000's)	15,119.0	December-07	16,156.4	Febrauary 2010	14,133.6	14,463.0
Accommodation and Food Service (in 000's)	9,551.1	July-08	11,859.7	January-10	10,708.6	11,605.9

	Change from							
Table 2: Changes in Employment For Selected National Industries Showing Peak And Bottom Employment	January 2000 to Peak	Peak to Bottom	Bottom to	January 2000 to August 2010				
Total Employment (in 000's)	8,331.0	-11,351.0	3,651.0	631.0				
Construction Employment (in 000's)	1,723.0	-2,895.0	764.0	-408.0				
Retail (in 000's)	1,037.4	-2,022.8	329.4	-656.0				
Accommodation and Food Service (in 000's)	2,308.6	-1,151.1	897.3	2,054.8				

	Change from							
Table 3: Percentage Changes in Employment For Selected National Industries Showing Peak And Bottom Employment	January 2000 to Peak	Peak to Bottom		January 2000 to August 2010				
Total Employment	7.7%	-9.7%	3.5%	0.6%				
Construction Employment	27.3%	-36.0%	14.8%	-6.5%				
Retail	6.9%	-12.5%	2.3%	-4.3%				
Accommodation and Food Service	24.2%	-9.7%	8.4%	21.5%				

Appendix B: Nevada Current Employment Statistics (CES) Estimates for January 2000 through August 2010

		Peak Employmen	t	Bottom Employ			
Table1: Employment For Selected Nevada Industries and Las Vegas Hotel Room Inventory Showing Peak Employment	January 2000					July 2010 Employment (Note Hotel	
	Employment	Date of:	Level	Date of:	Level	Rooms as of July)	
Total Employment (in 000's)	991.6	May-07	1,303.8	January-10	1,107.3	1108.3	
Construction Employment (in 000's)	84.7	June-06	148.8	Jul-10	61.2	61.2	
Retail (in 000's)	106.8	December-07	147.4	February-10	122.3	125.0	
Accommodation and Food Service (in 000's)	296.2	June-07	343.6	January-10	296.7	304.6	
Las Vegas Hotel Room Inventory	124,270	June-07	133,205.0	January-10	148,891.0	148,524.0	

Table 0. Observed in Francisco and Francisco	Change from								
Table 2: Changes in Employment For Selected Nevada Industries and Las Vegas Hotel Room Inventory From January 2000 to Peak to May 2010	January 2000 to Peak	Peak To Bottom		January 2000 to July 2010					
Total Employment (in 000's)	312.2	-196.5	1.0	116.7					
Construction Employment (in 000's)	64.1	-87.6	0.0	-23.5					
Retail (in 000's)	40.6	-25.1	2.7	18.2					
Accommodation and Food Service (in 000's)	47.4	-46.9	7.9	8.4					
Las Vegas Hotel Room Inventory	8,935.0	15,686.0	-367.0	24,254.0					

Table 3: Percentage Changes in Employment	Change from							
For Selected Nevada Industries and Las Vegas Hotel Room Inventory From January 2000 to Peak to May 2010	January 2000 to Peak	Peak To Bottom		January 2000 to July 2010				
Total Employment	31.5%	-15.1%	0.1%	11.8%				
Construction Employment	75.7%	-58.9%	0.0%	-27.7%				
Retail	38.0%	-17.0%	2.2%	17.0%				
Accommodation and Food Service	16.0%	-13.6%	2.7%	2.8%				
Las Vegas Hotel Room Inventory	7.2%	11.8%	-0.2%	19.5%				

Appendix C: Projected Total Employment By County For 2010 Through 2030 From The Regional Economic Models, Inc. Low Employment Projection Series

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Churchill County	16,547	18,465	18,501	19,228	20,259	21,382	22,412	23,384	21,599	21,232	21,250
Clark County	884,582	897,315	944,087	1,013,288	1,087,602	1,152,209	1,181,323	1,180,539	1,096,420	1,076,598	1,085,331
Douglas County	28,502	28,565	30,019	31,219	32,049	32,708	32,953	32,720	29,272	28,889	29,028
Elko County	23,017	22,175	22,505	23,371	24,513	25,254	26,145	26,646	25,138	25,531	25,628
Esmeralda County	465	458	482	464	470	478	473	506	530	517	515
Eureka County	4,337	4,079	4,024	4,033	4,274	4,803	5,523	4,902	5,025	5,029	5,038
Humboldt County	9,043	8,771	9,170	9,474	9,554	10,051	10,309	10,523	10,226	10,122	10,118
Lander County	2,605	2,397	2,441	2,470	3,164	3,189	3,344	3,574	3,688	3,656	3,636
Lincoln County	1,661	1,883	1,955	1,981	2,030	2,097	2,183	2,291	2,204	2,174	2,177
Lyon County	14,868	14,403	14,965	15,714	17,257	18,150	18,800	18,691	16,887	16,682	16,754
Mineral County	2,334	2,334	2,368	2,353	2,311	2,282	2,364	2,570	2,514	2,523	2,538
Nye County	13,237	13,671	14,838	16,058	17,289	18,383	18,748	18,150	16,804	16,195	15,766
Pershing County	2,524	2,479	2,521	2,553	2,500	2,501	2,490	2,501	2,297	2,277	2,266
Storey County	1,301	1,430	1,628	1,904	2,298	2,824	3,596	3,718	3,895	3,813	3,834
Washoe County	240,276	241,307	249,327	259,903	270,594	282,418	287,343	281,584	252,907	246,876	249,256
White Pine County	3,980	4,084	4,113	4,412	4,892	5,048	5,233	5,277	5,037	5,009	4,985
Carson City	39,518	39,774	40,421	41,265	42,059	42,525	43,296	42,974	39,678	39,040	38,887

Appendix C: Projected Total Employment By County For 2010 Through 2030 From The Regional Economic Models, Inc. Low Employment Projection Series

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Churchill County	21,279	21,356	21,366	21,378	21,372	21,318	21,291	21,278	21,203	21,119	21,018
Clark County	1,097,221	1,109,730	1,119,854	1,129,163	1,137,494	1,142,395	1,148,258	1,154,526	1,156,345	1,159,201	1,161,710
Douglas County	29,251	29,530	29,735	29,936	30,068	30,152	30,235	30,329	30,318	30,361	30,346
Elko County	26,339	26,718	26,943	26,566	26,671	26,746	26,815	27,002	25,883	25,943	26,148
Esmeralda County	514	514	512	509	506	503	499	496	491	487	482
Eureka County	5,052	5,473	5,481	5,489	5,496	5,503	5,385	5,391	5,394	5,399	5,406
Humboldt County	10,082	10,009	9,920	9,833	9,744	9,628	9,584	9,455	9,338	9,246	9,139
Lander County	3,614	3,574	3,526	3,473	3,427	3,365	3,310	3,254	3,186	3,126	3,063
Lincoln County	2,183	2,195	2,202	2,209	2,218	2,226	2,235	2,245	2,248	2,255	2,261
Lyon County	16,888	17,426	17,538	17,658	17,766	17,857	17,969	18,086	18,157	18,258	17,962
Mineral County	2,560	2,582	2,597	2,614	2,631	2,643	2,659	2,674	2,684	2,697	2,708
Nye County	15,934	16,180	16,335	16,483	16,625	16,269	16,336	16,414	16,437	16,491	16,542
Pershing County	2,257	2,247	2,239	2,230	2,221	2,211	2,032	2,003	1,970	1,939	1,910
Storey County	3,866	3,894	3,913	3,935	3,956	3,982	4,010	4,039	4,055	4,076	4,092
Washoe County	252,381	255,534	258,148	260,844	263,197	264,864	266,710	268,505	269,391	270,466	271,191
White Pine County	4,970	4,955	4,923	4,888	4,856	4,819	4,791	4,767	4,727	4,694	4,662
Carson City	38,858	38,894	38,892	38,868	38,886	38,798	38,767	38,718	38,580	38,454	38,297

Appendix C: Projected Total Employment By County For 2010 Through 2030 From The Regional Economic Models, Inc. Low Employment Projection Series

	2023	2024	2025	2026	2027	2028	2029	2030
Churchill County	20,997	20,997	21,008	21,055	21,132	21,181	21,240	21,320
Clark County	1,164,739	1,168,475	1,171,796	1,176,351	1,181,535	1,187,411	1,194,082	1,200,852
Douglas County	30,339	30,387	30,429	30,480	30,548	30,617	30,709	30,785
Elko County	25,719	25,742	25,578	25,597	25,618	25,652	25,703	25,743
Esmeralda County	478	475	471	468	465	463	461	459
Eureka County	5,411	5,416	4,967	4,973	4,980	4,990	5,001	5,010
Humboldt County	9,050	8,959	8,871	8,786	8,706	8,624	8,548	8,481
Lander County	3,008	2,949	2,891	2,834	2,778	2,726	2,674	2,623
Lincoln County	2,267	2,276	2,285	2,296	2,307	2,320	2,335	2,349
Lyon County	18,069	18,208	18,357	18,527	18,704	18,891	19,105	19,310
Mineral County	2,721	2,737	2,754	2,774	2,795	2,817	2,839	2,861
Nye County	16,605	16,688	16,766	16,861	16,963	17,072	17,193	17,313
Pershing County	1,883	1,858	1,832	1,808	1,784	1,764	1,743	1,722
Storey County	4,113	4,137	4,163	4,192	4,224	4,259	4,296	4,332
Washoe County	272,009	273,006	274,174	275,606	277,221	279,019	281,024	282,874
White Pine County	4,630	4,601	4,563	4,534	4,508	4,489	4,471	4,447
Carson City	38,184	38,136	38,122	38,164	38,263	38,359	38,529	38,700