

RENO/SPARKS CASINO EMPLOYMENT

PRODUCTIVITY, REVENUES, AND PAYROLL: A STATISTICAL STUDY, 1990-2016

CENTER FOR GAMING RESEARCH, FEBRUARY 2017

Executive Summary

The past twenty-five years have seen a moderate increase in overall revenues at Reno/Sparks area casinos, with a smaller increase in overall payroll. In general, labor costs have risen more slowly than revenues, though both have not increased to the same degree as they have at Las Vegas-area casinos.

Definitions

Casino: Any non-restricted gaming licensee with annual revenues of \$1 million or more

Year: Fiscal year, July 1 of the previous year to June 30 of the year in question

Emp: Total number of employees reported for the department

Pos: Gaming positions; number of slots plus number of table games times six

Rooms: Total number of hotel rooms for the year in question

Revenue: Total reported annual revenue for the department

Payroll: Total amounts of payroll taxes, benefits, officers' pay, and other employees pay for the year

Rev/Emp: Revenue divided by employees; used as a measure of productivity

Pay/Emp: Payroll divided by employees; measures how much, on average, each employee costs

Pay/Rev: Payroll divided by revenue; shows the portion of resort revenues that payroll comprises

Trend: Percentage change since 1990

Data and analysis for All, Gaming, Room, Food, Beverage, Other, and General & Administrative departments is on the following pages.

Preferred citation:

David G. Schwartz and Alexis Rajnoor. *Reno/Sparks Casino Employment: Productivity, Revenues, and Payrolls, a Statistical Study, 1990-2016*. Las Vegas: Center for Gaming Research, University Libraries, University of Nevada Las Vegas, 2017.

Reno/Sparks Casinos: All Departments

Year	Loc	Emp	Revenue	Payroll	Rev/Emp	Pay/Emp	Pay/Rev	Emp/Loc
1990	33	25103	1,158,331,539	423,955,984	46,143.15	16,888.66	36.60%	761
1991	36	25732	1,209,749,069	434,077,235	47,013.41	16,869.16	35.88%	715
1992	35	25,017	1,262,480,260	445,986,087	50,464.89	17,827.32	35.33%	715
1993	36	24,009	1,283,392,804	445,365,606	53,454.65	18,549.94	34.70%	667
1994	37	24,656	1,332,370,660	451,181,675	54,038.39	18,299.06	33.86%	666
1995	38	24,130	1,365,828,923	483,005,035	56,602.94	20,016.79	35.36%	635
1996	36	29,423	1,492,947,203	547,811,447	50,740.82	18,618.48	36.69%	817
1997	36	25,792	1,498,404,152	549,779,312	58,095.69	21,315.89	36.69%	716
1998	35	24,574	1,580,533,808	558,570,660	64,317.32	22,730.15	35.34%	702
1999	30	23,434	1,603,722,236	567,724,386	68,435.70	24,226.52	35.40%	781
2000	31	24,628	1,759,207,526	601,322,098	71,431.20	24,416.20	34.18%	794
2001	28	24,040	1,740,015,491	590,456,262	72,380.01	24,561.41	33.93%	859
2002	28	22,336	1,621,635,575	572,298,234	72,601.88	25,622.23	35.29%	798
2003	28	22,033	1,571,203,962	563,366,329	71,311.39	25,569.21	35.86%	787
2004	28	21,094	1,555,613,501	550,201,435	73,746.73	26,083.31	35.37%	753
2005	26	20,157	1,555,866,354	533,507,722	77,187.40	26,467.62	34.29%	775
2006	26	20,138	1,642,924,703	537,737,256	81,583.31	26,702.61	32.73%	775
2007	25	19,870	1,649,517,203	528,669,889	83,015.46	26,606.44	32.05%	795
2008	22	17,722	1,605,219,466	526,049,826	90,577.78	29,683.43	32.77%	806
2009	22	15,459	1,396,810,744	470,563,356	90,355.83	30,439.44	33.69%	703
2010	22	14,586	1,309,841,342	439,047,296	89,801.27	30,100.60	33.52%	663
2011	21	14,448	1,246,836,844	437,463,337	86,298.23	30,278.47	35.09%	688
2012	23	14,757	1,260,304,010	427,658,642	85,403.81	28,980.05	33.93%	642
2013	22	14,300	1,244,249,060	417,316,906	87,010.42	29,183.00	33.54%	650
2014	26	14,733	1,278,440,573	434,128,183	86,773.95	29,466.38	33.96%	567
2015	26	15,448	1,310,321,460	431,634,461	84,821.43	27,941.12	32.94%	594
2016	24	13,123	1,384,704,689	435,351,263	105,517.39	33,174.68	31.44%	547
Trend	-27.27%	-47.72%	19.54%	2.69%	128.67%	96.43%	-14.10%	-28.12%

Reno/Sparks Casinos: Casino Department

Year	Pos	Emp	Pos/Emp	Revenue	Rev/Emp	Rev/Pos	Payroll	Pay/Emp	Pay/Rev
1990	27,106	8,788	3.08	696,246,086	79,226.91	25,686.05	149,583,925	17,021.38	21.48%
1991	27,550	8,902	3.09	737,357,794	82,830.58	26,764.35	155,339,653	17,449.97	21.07%
1992	27,040	8,668	3.12	783,237,179	90,359.62	28,965.87	156,950,529	18,106.89	20.04%
1993	27,744	8,481	3.27	795,604,327	93,810.20	28,676.63	154,335,640	18,197.81	19.40%
1994	28,492	8,399	3.39	823,642,116	98,064.31	28,907.84	157,080,921	18,702.34	19.07%
1995	28,908	8,167	3.54	824,030,613	100,897.59	28,505.28	162,237,638	19,865.02	19.69%
1996	31,015	10,367	2.99	896,716,618	86,497.21	28,912.35	185,486,415	17,892.00	20.69%
1997	31,115	8,289	3.75	877,668,991	105,883.58	28,207.26	180,455,936	21,770.53	20.56%
1998	30,490	7,872	3.87	903,209,500	114,736.98	29,623.14	175,551,277	22,300.72	19.44%
1999	29,940	7,465	4.01	924,980,335	123,908.95	30,894.47	180,827,859	24,223.42	19.55%
2000	30,101	7,756	3.88	997,904,977	128,662.32	33,151.89	189,214,381	24,395.87	18.96%
2001	29,837	7,357	4.06	974,117,750	132,406.93	32,647.98	187,355,311	25,466.26	19.23%
2002	27,851	6,571	4.24	914,447,605	139,164.15	32,833.56	178,755,445	27,203.69	19.55%
2003	26,872	6,548	4.10	898,456,591	137,210.84	33,434.68	170,949,075	26,107.07	19.03%
2004	24,950	6,070	4.11	877,715,898	144,598.99	35,178.99	161,784,744	26,653.17	18.43%
2005	23,905	5,350	4.47	877,413,112	164,002.45	36,704.17	152,654,785	28,533.60	17.40%
2006	22,746	6,129	3.71	918,797,307	149,909.82	40,393.80	157,623,136	25,717.59	17.16%
2007	21,757	5,411	4.02	933,102,487	172,445.48	42,887.46	152,351,909	28,155.96	16.33%
2008	21,652	4,817	4.49	872,141,060	181,054.82	40,279.93	143,969,840	29,887.86	16.51%
2009	20,128	4,045	4.98	758,728,470	187,571.93	37,695.17	127,144,833	31,432.59	16.76%
2010	18,747	3,770	4.97	698,529,819	185,286.42	37,260.89	115,951,681	30,756.41	16.60%
2011	18,161	3,645	4.98	662,779,706	181,832.57	36,494.67	114,215,281	31,334.78	17.23%
2012	17,997	3,617	4.98	651,679,840	180,171.37	36,210.47	106,887,598	29,551.45	16.40%
2013	17,730	3,442	5.15	649,000,327	188,553.26	36,604.64	103,231,286	29,991.66	15.91%
2014	18,011	3,405	5.29	660,267,696	193,911.22	36,659.14	102,918,106	30,225.58	15.59%
2015	17,481	3,334	5.24	674,963,911	202,448.68	38,611.29	102,918,106	30,869.26	15.25%
2016	17,209	2,953	5.83	705,164,713	238,796.04	40,976.51	98,427,912	33,331.50	13.96%
Trend	-36.51%	-66.40%	88.94%	1.28%	201.41%	59.53%	-34.20%	95.82%	-35.03%

Reno/Sparks Casinos: Rooms Department

Year	Rooms	Emp	Revenue	Payroll	Rm/Emp	Rev/Rm	Rev/Emp	Pay/Emp	Pay/Rev
1990	10,753	3,000	153,129,089	45,280,745	3.58	14,240	51,043	15,094	29.57%
1991	10,966	3,181	155,548,755	46,747,204	3.45	14,184	48,899	14,696	30.05%
1992	11,194	2,944	165,769,097	48,580,593	3.80	14,808	56,307	16,502	29.31%
1993	11,279	2,727	168,101,758	47,414,759	4.14	14,904	61,643	17,387	28.21%
1994	11,233	2,844	172,717,954	49,090,605	3.95	15,376	60,731	17,261	28.42%
1995	11,562	2,851	182,418,010	54,296,512	4.06	15,778	63,984	19,045	29.76%
1996	13,137	3,332	201,012,558	65,443,133	3.94	15,301	60,328	19,641	32.56%
1997	14,052	3,424	209,558,865	67,356,482	4.10	14,913	61,203	19,672	32.14%
1998	14,378	3,223	228,322,955	69,124,017	4.46	15,880	70,842	21,447	30.27%
1999	13,924	3,078	223,632,166	68,432,508	4.52	16,061	72,655	22,233	30.60%
2000	14,882	3,427	243,165,880	74,010,303	4.34	16,339	70,956	21,596	30.44%
2001	14,159	3,330	244,816,562	74,868,387	4.25	17,291	73,518	22,483	30.58%
2002	13,436	3,003	229,927,393	75,370,667	4.47	17,113	76,566	25,098	32.78%
2003	14,107	3,128	231,267,419	74,339,299	4.51	16,394	73,935	23,766	32.14%
2004	13,692	3,080	244,893,237	74,146,679	4.45	17,886	79,511	24,074	30.28%
2005	13,395	2,901	242,208,330	72,176,173	4.62	18,082	83,491	24,880	29.80%
2006	12,866	2,831	254,937,529	72,115,102	4.54	19,816	90,052	25,473	28.29%
2007	12,460	2,805	266,179,520	72,685,001	4.44	21,362	94,895	25,913	27.31%
2008	12,812	2,720	260,897,906	71,794,973	4.71	20,364	95,918	26,395	27.52%
2009	12,559	2,381	235,062,283	67,166,295	5.27	18,716	98,724	28,209	28.57%
2010	12,546	2,327	228,064,042	65,123,234	5.39	18,179	98,008	27,986	28.55%
2011	12,355	2,342	211,279,629	63,284,805	5.28	17,101	90,213	27,022	29.95%
2012	12,315	2,240	206,889,969	59,857,307	5.50	16,800	92,362	26,722	28.93%
2013	12,332	2,476	225,762,375	63,659,373	4.98	18,307	91,180	25,711	28.20%
2014	12,229	2,268	230,037,113	62,145,261	5.39	18,811	101,427	27,401	27.02%
2015	12,122	2,612	233,336,697	59,948,628	4.64	19,249	89,333	22,951	25.69%
2016	11,734	2,155	259,317,866	61,351,271	5.44	22,100	120,333	28,469	23.66%
Trend	9.11%	-28.17%	69.35%	35.49%	51.90%	55.20%	135.75%	88.62%	-19.99%

Reno/Sparks Casinos: Food Department

Year	Emp	Revenue	Payroll	Rev/Emp	Pay/Emp	Pay/Rev
1990	6,036	152,715,286	80,019,451	25,301	13,257	52.40%
1991	6,151	155,317,735	82,598,052	25,251	13,428	53.18%
1992	5,864	161,865,680	84,964,582	27,603	14,489	52.49%
1993	5,643	163,669,560	85,467,386	29,004	15,146	52.22%
1994	5,946	169,334,522	89,455,739	28,479	15,045	52.83%
1995	5,985	178,407,675	96,291,843	29,809	16,089	53.97%
1996	7,285	195,362,325	112,786,072	26,817	15,482	57.73%
1997	6,620	204,369,129	115,997,614	30,871	17,522	56.76%
1998	6,476	218,859,308	121,825,458	33,795	18,812	55.66%
1999	6,373	221,483,763	124,068,850	34,753	19,468	56.02%
2000	6,680	241,061,848	134,440,347	36,087	20,126	55.77%
2001	6,346	241,282,582	133,331,787	38,021	21,010	55.26%
2002	5,922	234,557,957	129,332,038	39,608	21,839	55.14%
2003	6,007	231,303,023	126,599,492	38,506	21,075	54.73%
2004	5,797	234,171,320	127,204,188	40,395	21,943	54.32%
2005	5,722	236,323,090	124,439,619	41,301	21,748	52.66%
2006	5,499	238,792,444	125,629,230	43,425	22,846	52.61%
2007	6,621	246,635,930	129,403,137	37,251	19,544	52.47%
2008	5,293	247,075,819	132,018,335	46,680	24,942	53.43%
2009	4,707	241,976,744	123,801,777	51,408	26,302	51.16%
2010	4,390	220,543,449	111,596,000	50,238	25,421	50.60%
2011	4,213	202,867,776	105,236,232	48,153	24,979	51.87%
2012	4,264	206,662,669	104,004,566	48,467	24,391	50.33%
2013	4,195	208,574,259	103,348,191	49,720	24,636	49.55%
2014	4,331	219,741,105	107,308,531	50,737	24,777	48.83%
2015	4,424	223,347,632	106,669,806	50,485	24,112	47.76%
2016	3,934	234,175,687	107,997,066	59,526	27,452	46.12%
Trend	-34.82%	53.34%	34.96%	135.27%	107.08%	-11.98%

Reno/Sparks Casinos: Beverage Department

Year	Emp	Revenue	Payroll	Rev/Emp	Pay/Emp	Pay/Rev
1990	1,886	73,798,578	22,785,786	39,130	12,082	30.88%
1991	1,907	74,672,567	22,309,497	39,157	11,699	29.88%
1992	1,977	77,442,196	23,177,933	39,172	11,724	29.93%
1993	1,793	79,723,805	23,065,079	44,464	12,864	28.93%
1994	1,821	81,302,100	23,056,337	44,647	12,661	28.36%
1995	1,706	79,942,104	23,640,032	46,859	13,857	29.57%
1996	2,111	88,557,426	24,816,746	41,950	11,756	28.02%
1997	1,784	92,239,309	26,466,776	51,704	14,836	28.69%
1998	1,642	98,789,391	26,912,800	60,164	16,390	27.24%
1999	1,564	98,801,478	26,641,568	63,172	17,034	26.96%
2000	1,645	103,957,117	28,109,232	63,196	17,088	27.04%
2001	1,553	102,409,999	28,389,297	65,943	18,280	27.72%
2002	1,568	98,459,224	27,482,964	62,793	17,527	27.91%
2003	1,596	101,832,259	26,826,082	63,805	16,808	26.34%
2004	1,564	102,405,328	25,655,181	65,477	16,404	25.05%
2005	1,556	102,082,587	25,848,050	65,606	16,612	25.32%
2006	1,467	105,470,073	25,873,466	71,895	17,637	24.53%
2007	1,504	102,843,554	25,856,803	68,380	17,192	25.14%
2008	1,277	100,752,228	25,975,807	78,898	20,341	25.78%
2009	1,104	91,880,455	22,824,398	83,225	20,674	24.84%
2010	1,056	91,876,418	21,911,616	87,004	20,750	23.85%
2011	1,100	90,077,628	22,193,847	81,889	20,176	24.64%
2012	1,253	96,100,932	21,847,325	76,697	17,436	22.73%
2013	1,102	90,719,996	21,935,580	82,323	19,905	24.18%
2014	1,268	93,108,180	22,538,803	73,429	17,775	24.21%
2015	1,470	89,808,100	23,408,874	61,094	15,924	26.07%
2016	1,005	91,889,134	20,671,040	91,432	20,568	22.50%
Trend	-46.71%	24.51%	-9.28%	133.66%	70.24%	-27.14%

Reno/Sparks Casinos: Other Departments

Year	Emp	Revenue	Payroll	Rev/Emp	Pay/Emp	Pay/Rev
1990	794	82,442,500	13,607,912	103,832	17,138	16.51%
1991	939	86,852,218	14,772,919	92,494	15,733	17.01%
1992	986	74,166,108	15,066,121	75,219	15,280	20.31%
1993	794	76,293,354	13,394,048	96,087	16,869	17.56%
1994	934	85,373,968	14,577,683	91,407	15,608	17.08%
1995	959	101,030,521	19,210,737	105,350	20,032	19.01%
1996	654	111,298,276	21,256,163	170,181	32,502	19.10%
1997	920	114,567,858	18,819,280	124,530	20,456	16.43%
1998	847	131,352,654	20,416,529	155,080	24,105	15.54%
1999	1,016	134,824,494	20,909,114	132,701	20,580	15.51%
2000	1,022	173,117,704	23,606,133	169,391	23,098	13.64%
2001	1,156	177,388,598	23,702,147	153,450	20,504	13.36%
2002	1,247	144,243,396	21,853,536	115,672	17,525	15.15%
2003	976	108,344,670	24,195,383	111,009	24,790	22.33%
2004	898	96,427,718	23,765,184	107,381	26,465	24.65%
2005	1,449	97,839,235	21,823,545	67,522	15,061	22.31%
2006	1,042	124,927,350	23,829,071	119,892	22,869	19.07%
2007	570	100,755,712	22,096,167	176,764	38,765	21.93%
2008	805	124,352,453	20,411,865	154,475	25,356	16.41%
2009	547	69,162,792	17,568,710	126,440	32,118	25.40%
2010	584	70,827,614	17,332,812	121,280	29,679	24.47%
2011	651	79,832,105	21,068,361	122,630	32,363	26.39%
2012	948	98,970,600	17,959,068	104,399	18,944	18.15%
2013	720	70,192,103	21,935,580	97,489	30,466	31.25%
2014	783	75,286,479	18,945,366	96,151	24,196	25.16%
2015	914	88,865,120	19,267,822	97,227	21,081	21.68%
2016	555	94,157,289	23,187,074	169,653	41,779	24.63%
Trend	-30.10%	14.21%	70.39%	63.39%	143.77%	49.19%

Reno/Sparks Casinos: General & Administrative Departments

Year	Emp	Payroll	Pay/Emp
1990	4,599	112,678,165	24,501
1991	4,652	112,309,910	24,142
1992	4,578	117,246,329	25,611
1993	4,571	121,688,694	26,622
1994	4,712	117,920,390	25,026
1995	4,462	127,328,273	28,536
1996	5,674	138,022,918	24,326
1997	4,755	140,683,224	29,586
1998	4,514	144,740,579	32,065
1999	3,938	146,844,487	37,289
2000	4,098	151,941,702	37,077
2001	4,298	142,809,333	33,227
2002	4,025	139,503,584	34,659
2003	3,778	140,456,998	37,178
2004	3,685	137,645,459	37,353
2005	3,179	136,565,550	42,959
2006	3,170	132,667,251	41,851
2007	2,959	126,276,872	42,676
2008	2,810	131,879,006	46,932
2009	2,675	112,057,343	41,891
2010	2,459	107,131,953	43,567
2011	2,497	111,464,811	44,639
2012	2,435	117,102,778	48,091
2013	2,365	103,206,896	43,639
2014	2,678	120,272,116	44,911
2015	2,694	121,671,302	45,164
2016	2,521	123,716,900	49,075
Trend	-45.18%	9.80%	100.30%