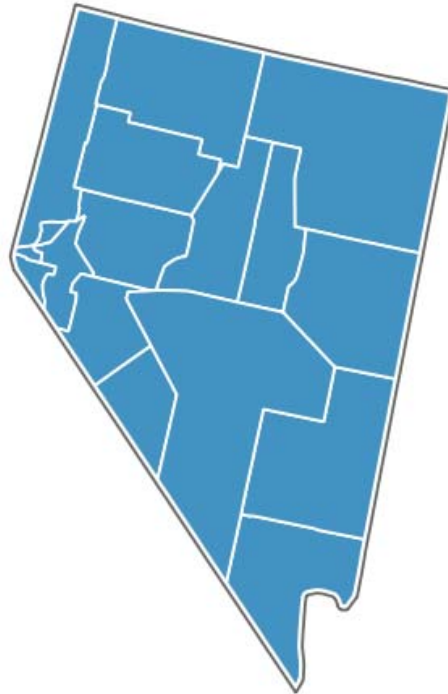


Nevada's Business Information Technology Ecosystems Sector



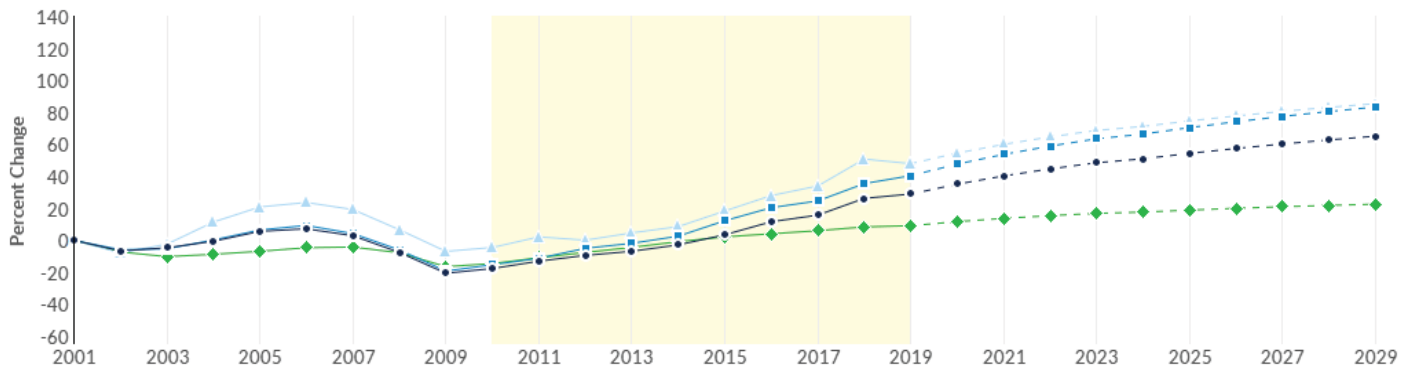
Industry Summary for Business Information Technology Ecosystems

76,497 Jobs (2019) 24% below National average	56.6% % Change (2010-2019) Nation: 27.7%	\$61,710 Avg. Earnings Per Job (2019) Nation: \$97,156
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Industry Detail

Payrolled Business Locations (2019)	6,484
Jobs Multiplier	4
Unemployed	Only Available for 2-Digit

Regional Trends



	Region	2010 Jobs	2019 Jobs	Change	% Change
●	Region	48,863	76,497	27,634	56.6%
●	Las Vegas-Henderson-Paradise, NV	32,818	54,400	21,582	65.8%
●	Reno, NV	10,940	16,942	6,002	54.9%
●	United States	8,513,899	10,875,495	2,361,596	27.7%

Regional Breakdown of Nevada's Business Information Technology Ecosystems Sector

County Name	2010 Jobs	2019 Jobs	2010 - 2019 Change	2010 - 2019 % Change	Avg. Earnings Per Job	2019 Location Quotient
Clark County	32,818	54,400	21,582	66%	\$59,079	0.74
Washoe County	10,809	15,865	5,056	47%	\$65,189	0.99
Storey County	131	1,077	946	722%	\$54,418	0.87
County not reported	936	1,060	124	13%	\$102,837	2.27
Carson City County	981	993	12	1%	\$61,401	0.46
Douglas County	425	680	255	60%	\$108,444	0.46
Mineral County	450	592	142	32%	\$75,385	5.20
Nye County	172	560	388	226%	\$95,341	0.62
Churchill County	535	396	(139)	(26%)	\$56,181	0.61
Elko County	423	376	(47)	(11%)	\$64,599	0.23
Lyon County	848	263	(585)	(69%)	\$48,075	0.28
Humboldt County	197	152	(45)	(23%)	\$50,852	0.27
Lincoln County	27	36	9	33%	\$60,520	0.37
White Pine County	76	29	(47)	(62%)	\$63,168	0.10
Lander County	17	<10	Insf. Data	Insf. Data	\$54,193	0.03
Pershing County	14	<10	Insf. Data	Insf. Data	\$103,675	0.04
Eureka County	<10	<10	Insf. Data	Insf. Data	\$43,175	0.01
Esmeralda County	<10	<10	Insf. Data	Insf. Data	\$44,144	0.04
	48,863	76,497	27,634	57%	\$61,710	

Top Occupations Employed in these Industries

Description	Employed in Industry Group (2019)	% of Total Jobs in Industry Group (2019)
Customer Service Representatives	9,815	12.8%
Laborers and Freight, Stock, and Material Movers, Hand	6,201	8.1%
Sales Representatives, Services, All Other	2,643	3.5%
Telemarketers	2,530	3.3%
Software Developers, Applications	2,434	3.2%

Industry Requirements (Top Supply Chain)

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Temporary Help Services	\$256,717,796	\$88,332,985	\$345,050,782
Corporate, Subsidiary, and Regional Managing Offices	\$134,917,043	\$158,810,513	\$293,727,556
Wired Telecommunications Carriers	\$193,709,369	\$85,000,145	\$278,709,513
Internet Publishing and Broadcasting and Web Search Portals	\$49,081,055	\$139,280,698	\$188,361,752
Motion Picture and Video Production	\$77,362,086	\$90,396,717	\$167,758,803

Industry Gender Breakdown



	Gender	2019 Jobs	2019 Percent
•	Males	40,434	52.9%
•	Females	36,063	47.1%

Industry Age Breakdown



	Age	2019 Jobs	2019 Percent
•	14-18	566	0.7%
•	19-24	8,917	11.7%
•	25-34	21,101	27.6%
•	35-44	17,505	22.9%
•	45-54	14,587	19.1%
•	55-64	9,926	13.0%
•	65+	3,894	5.1%

Industry Race/Ethnicity Breakdown



	Age	2019 Jobs	2019 Percent	
•	White	38,839	50.8%	<div style="width: 50.8%;"></div>
•	Hispanic or Latino	14,940	19.5%	<div style="width: 19.5%;"></div>
•	Black or African American	13,837	18.1%	<div style="width: 18.1%;"></div>
•	Asian	5,295	6.9%	<div style="width: 6.9%;"></div>
•	Two or More Races	2,424	3.2%	<div style="width: 3.2%;"></div>
•	Native Hawaiian or Other Pacific Islander	582	0.8%	<div style="width: 0.8%;"></div>
•	American Indian or Alaska Native	581	0.8%	<div style="width: 0.8%;"></div>

Industry Breakdown of Nevada's Business Information Technology Ecosystems Sector

NAICS	Description	2010 Jobs	2019 Jobs	2010 - 2019 Change	Avg. Earnings Per Job	2019 Location Quotient
561320	Temporary Help Services	16,049	23,294	7,245	\$33,632	0.85
561422	Telemarketing Bureaus and Other Contact Centers	5,000	16,073	11,073	\$41,829	3.69
454110	Electronic Shopping and Mail-Order Houses	5,472	6,031	559	\$54,201	1.35
541511	Custom Computer Programming Services	3,084	4,724	1,640	\$111,158	0.49
541512	Computer Systems Design Services	2,180	4,179	1,999	\$108,690	0.41
517311	Wired Telecommunications Carriers	3,342	3,258	(84)	\$95,310	0.65
518210	Data Processing, Hosting, and Related Services	665	2,591	1,926	\$103,569	0.82
511210	Software Publishers	644	1,547	903	\$157,228	0.39
561410	Document Preparation Services	907	1,409	502	\$53,011	2.01
519130	Internet Publishing and Broadcasting and Web Search Portals	498	1,392	894	\$88,670	0.55
561210	Facilities Support Services	1,312	1,382	70	\$80,491	0.94
561440	Collection Agencies	1,462	1,330	(132)	\$54,806	1.13
541214	Payroll Services	827	1,112	285	\$85,628	0.68
561110	Office Administrative Services	747	1,069	322	\$82,670	0.21
334516	Analytical Laboratory Instrument Manufacturing	351	716	365	\$132,594	2.03
561439	Other Business Service Centers (including Copy Shops)	503	632	129	\$41,538	1.26
561330	Professional Employer Organizations	745	537	(208)	\$78,563	0.15
561431	Private Mail Centers	433	499	66	\$29,693	1.73
541513	Computer Facilities Management Services	356	467	111	\$97,453	0.61
561311	Employment Placement Agencies	211	451	240	\$76,097	0.19
541519	Other Computer Related Services	712	450	(262)	\$110,535	0.37
517911	Telecommunications Resellers	517	407	(110)	\$89,866	0.85
517312	Wireless Telecommunications Carriers (except Satellite)	340	395	55	\$102,100	0.37
561421	Telephone Answering Services	208	375	167	\$33,325	1.10
334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing	548	367	(181)	\$63,476	0.66

561492	Court Reporting and Stenotype Services	365	362	(3)	\$55,261	1.63
561499	All Other Business Support Services	355	277	(78)	\$42,701	0.32
561491	Repossession Services	162	179	17	\$49,624	1.84
334111	Electronic Computer Manufacturing	75	177	102	\$63,017	0.18
561450	Credit Bureaus	62	129	67	\$161,589	0.61
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	116	118	2	\$77,842	0.26
561312	Executive Search Services	104	90	(14)	\$91,195	0.21
334413	Semiconductor and Related Device Manufacturing	51	88	37	\$112,618	0.05
334310	Audio and Video Equipment Manufacturing	33	73	40	\$102,507	0.38
517919	All Other Telecommunications	146	67	(79)	\$83,666	0.22
334290	Other Communications Equipment Manufacturing	59	51	(8)	\$64,055	0.29
334510	Electromedical and Electrotherapeutic Apparatus Manufacturing	22	47	25	\$495,798	0.07
334412	Bare Printed Circuit Board Manufacturing	<10	42	Insf. Data	\$46,504	0.16
335314	Relay and Industrial Control Manufacturing	10	38	28	\$67,218	0.09
334613	Blank Magnetic and Optical Recording Media Manufacturing	23	24	1	\$40,969	0.70
335313	Switchgear and Switchboard Apparatus Manufacturing	53	23	(30)	\$63,532	0.07
334517	Irradiation Apparatus Manufacturing	0	<10	Insf. Data	Insf. Data	0.05
334614	Software and Other Prerecorded Compact Disc, Tape, and Record Reproducing	<10	<10	Insf. Data	Insf. Data	0.10
334210	Telephone Apparatus Manufacturing	21	<10	Insf. Data	Insf. Data	0.04
334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing	86	<10	Insf. Data	Insf. Data	0.01
335921	Fiber Optic Cable Manufacturing	0	0	0	\$0	0.00

334112	Computer Storage Device Manufacturing	0	0	0	\$0	0.00
		48,863	76,497	27,634	\$61,710	

Data Sources and Calculations

Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Input-Output Data

The input-output model in this report is Emsi's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Emsi in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

State Data Sources

This report uses state data from the following agencies: Nevada Department of Employment, Training and Rehabilitation