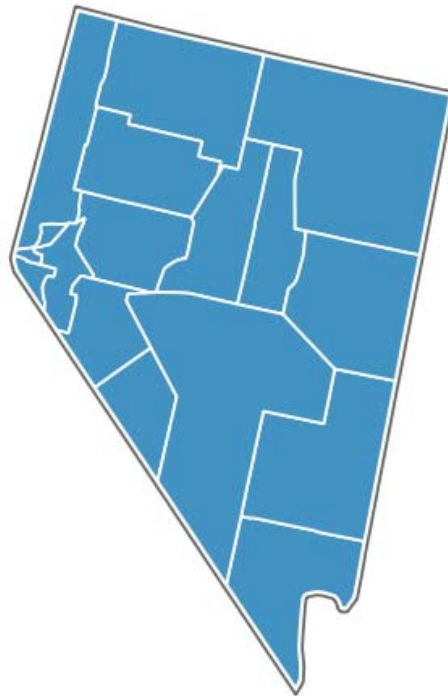


Nevada's Business Information Technology Ecosystems Sector



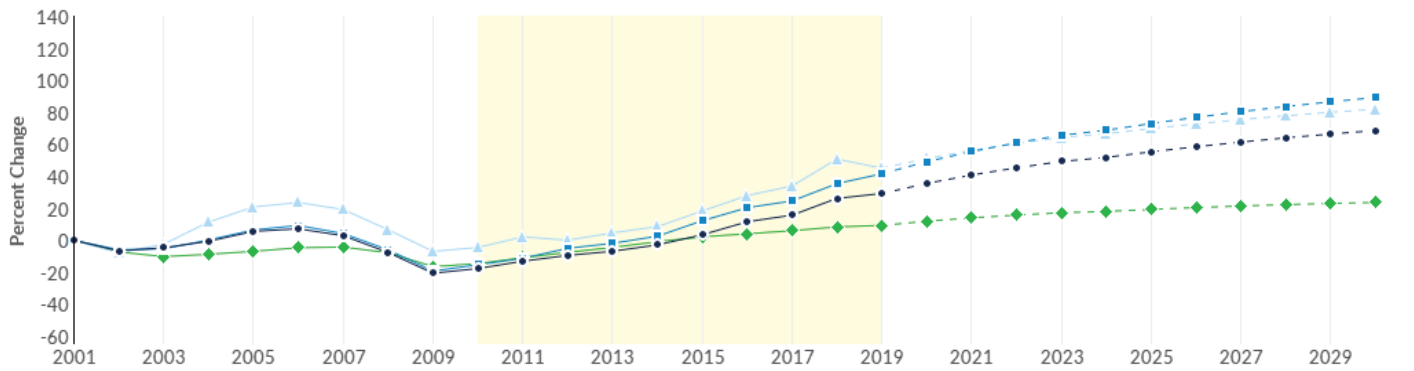
Industry Summary for Business Information Technology Ecosystems

76,685 Jobs (2019) 24% below National average	56.9% % Change (2010-2019) Nation: 28.0%	\$62,478 Avg. Earnings Per Job (2019) Nation: \$98,196
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Industry Detail

Payrolled Business Locations (2019)	6,568
Jobs Multiplier	4
Unemployed	Only Available for 2-Digit

Regional Trends



	Region	2010 Jobs	2019 Jobs	Change	% Change
●	Nevada	48,863	76,685	27,822	56.9%
●	Las Vegas-Henderson-Paradise, NV	32,818	54,868	22,050	67.2%
●	Reno, NV	10,940	16,611	5,671	51.8%
●	United States	8,513,899	10,895,495	2,381,596	28.0%

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	54,868	22,050	67%	\$59,831	0.75
Washoe County	10,809	15,787	4,978	46%	\$66,549	0.98
County not reported	936	1,112	176	19%	\$102,790	2.30
Carson City County	981	996	15	2%	\$61,844	0.46
Storey County	131	825	694	530%	\$58,618	0.68
Douglas County	425	676	251	59%	\$103,848	0.46
Mineral County	450	591	141	31%	\$77,447	5.14
Nye County	172	545	373	217%	\$78,996	0.60
Churchill County	535	399	(136)	(25%)	\$56,751	0.61
Elko County	423	393	(30)	(7%)	\$65,614	0.25
Lyon County	848	263	(585)	(69%)	\$49,843	0.28
Humboldt County	197	146	(51)	(26%)	\$51,442	0.26
Lincoln County	27	35	8	30%	\$55,233	0.36
White Pine County	76	32	(44)	(58%)	\$66,290	0.11
Lander County	17	<10	Insf. Data	Insf. Data	\$74,401	0.03
Pershing County	14	<10	Insf. Data	Insf. Data	\$103,779	0.05
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	76,685	27,822	57%	\$62,478	

Top Occupations Employed in these Industries

Description	Employed in Industry Group (2019)	% of Total Jobs in Industry Group (2019)
Customer Service Representatives	9,966	13.0%
Laborers and Freight, Stock, and Material Movers, Hand	6,123	8.0%
Sales Representatives, Services, All Other	2,657	3.5%
Telemarketers	2,579	3.4%
Software Developers, Applications	2,458	3.2%

Industry Requirements (Top Supply Chain)

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Temporary Help Services	\$256,723,087	\$88,336,484	\$345,059,572
Corporate, Subsidiary, and Regional Managing Offices	\$134,919,625	\$158,812,597	\$293,732,222
Wired Telecommunications Carriers	\$193,718,955	\$85,000,460	\$278,719,415
Internet Publishing and Broadcasting and Web Search Portals	\$49,085,234	\$139,283,422	\$188,368,656
Motion Picture and Video Production	\$77,366,076	\$90,394,580	\$167,760,656

Industry Gender Breakdown



	Gender	2019 Jobs	2019 Percent
•	Males	40,332	52.6%
•	Females	36,353	47.4%

Industry Age Breakdown



	Age	2019 Jobs	2019 Percent
•	14-18	568	0.7%
•	19-24	8,842	11.5%
•	25-34	21,083	27.5%
•	35-44	17,658	23.0%
•	45-54	14,584	19.0%
•	55-64	9,994	13.0%
•	65+	3,957	5.2%

Industry Race/Ethnicity Breakdown



	Age	2019 Jobs	2019 Percent	
•	White	38,701	50.5%	<div style="width: 50.5%;"></div>
•	Hispanic or Latino	15,043	19.6%	<div style="width: 19.6%;"></div>
•	Black or African American	14,050	18.3%	<div style="width: 18.3%;"></div>
•	Asian	5,342	7.0%	<div style="width: 7.0%;"></div>
•	Two or More Races	2,423	3.2%	<div style="width: 3.2%;"></div>
•	Native Hawaiian or Other Pacific Islander	572	0.7%	<div style="width: 0.7%;"></div>
•	American Indian or Alaska Native	554	0.7%	<div style="width: 0.7%;"></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	22,897	6,848	\$33,848	0.84
561422	Telemarketing Bureaus and Other Contact Centers	5,000	16,438	11,438	\$42,331	3.81
454110	Electronic Shopping and Mail-Order Houses	5,472	6,066	594	\$55,508	1.35
541511	Custom Computer Programming Services	3,084	4,753	1,669	\$109,220	0.49
541512	Computer Systems Design Services	2,180	4,195	2,015	\$110,106	0.41
517311	Wired Telecommunications Carriers	3,342	3,237	(105)	\$95,958	0.66
518210	Data Processing, Hosting, and Related Services	665	2,574	1,909	\$105,866	0.80
511210	Software Publishers	644	1,617	973	\$159,755	0.39
561410	Document Preparation Services	907	1,433	526	\$53,395	2.05
561210	Facilities Support Services	1,312	1,366	54	\$81,550	0.91
519130	Internet Publishing and Broadcasting and Web Search Portals	498	1,353	855	\$90,741	0.52
561440	Collection Agencies	1,462	1,336	(126)	\$56,305	1.14
561110	Office Administrative Services	747	1,102	355	\$84,266	0.22
541214	Payroll Services	827	1,065	238	\$88,943	0.64
334516	Analytical Laboratory Instrument Manufacturing	351	741	390	\$135,970	2.06
561439	Other Business Service Centers (including Copy Shops)	503	653	150	\$41,652	1.29
561330	Professional Employer Organizations	745	548	(197)	\$79,823	0.15
561431	Private Mail Centers	433	493	60	\$29,825	1.66
541519	Other Computer Related Services	712	479	(233)	\$108,567	0.40
561311	Employment Placement Agencies	211	474	263	\$74,530	0.20
541513	Computer Facilities Management Services	356	466	110	\$98,027	0.61
517911	Telecommunications Resellers	517	417	(100)	\$90,053	0.88
517312	Wireless Telecommunications Carriers (except Satellite)	340	399	59	\$101,300	0.38
561421	Telephone Answering Services	208	391	183	\$34,386	1.16
561492	Court Reporting and Stenotype Services	365	365	0	\$55,216	1.63

334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing	548	363	(185)	\$65,174	0.64
561499	All Other Business Support Services	355	284	(71)	\$43,183	0.32
334111	Electronic Computer Manufacturing	75	181	106	\$63,995	0.18
561491	Repossession Services	162	178	16	\$49,705	1.82
561450	Credit Bureaus	62	130	68	\$159,811	0.61
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	116	118	2	\$80,069	0.26
334413	Semiconductor and Related Device Manufacturing	51	96	45	\$110,511	0.06
561312	Executive Search Services	104	93	(11)	\$98,305	0.21
334310	Audio and Video Equipment Manufacturing	33	87	54	\$100,740	0.45
517919	All Other Telecommunications	146	75	(71)	\$82,492	0.24
334510	Electromedical and Electrotherapeutic Apparatus Manufacturing	22	46	24	\$498,463	0.07
334290	Other Communications Equipment Manufacturing	59	41	(18)	\$66,592	0.23
335314	Relay and Industrial Control Manufacturing	10	40	30	\$65,261	0.09
334412	Bare Printed Circuit Board Manufacturing	<10	29	Insf. Data	\$40,393	0.11
334613	Blank Magnetic and Optical Recording Media Manufacturing	23	23	0	\$37,205	0.69
335313	Switchgear and Switchboard Apparatus Manufacturing	53	22	(31)	\$65,111	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	76,685	27,822	\$62,478	

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