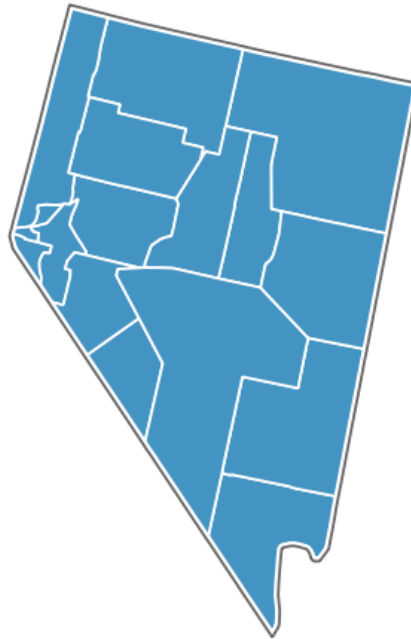


Nevada's Business Information Technology Ecosystems Sector



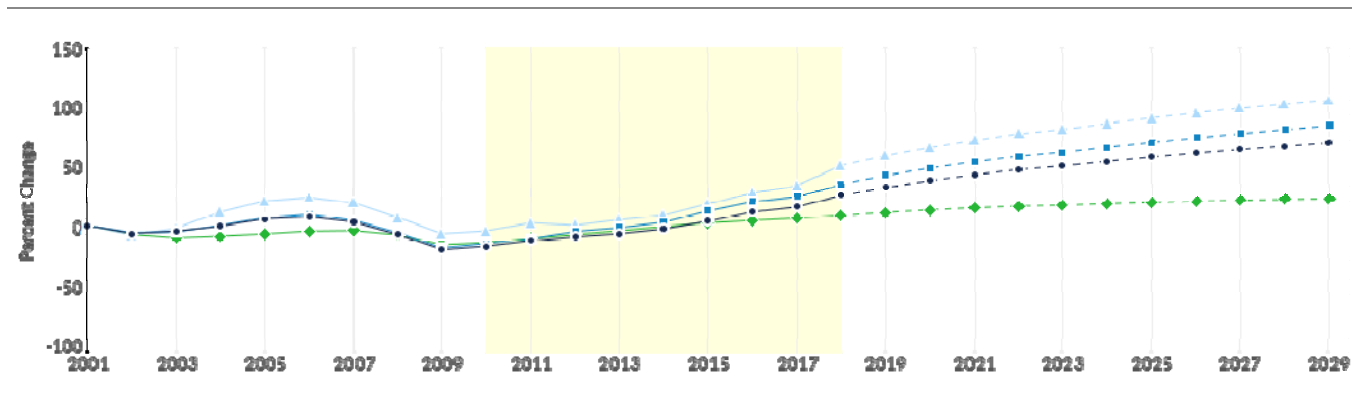
Industry Summary for Business IT Ecosystems

74,556 Jobs (2018) 24% below National average	52.7% % Change (2010-2018) Nation: 26.8%	\$59,467 Avg. Earnings Per Job (2018) Nation: \$94,310
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Industry Detail

Payrolled Business Locations (2018)	6,258
Jobs Multiplier	4
Unemployed	Only Available for 2-Digit

Regional Trends



	Region	2010 Jobs	2018 Jobs	Change	% Change
●	Region	48,814	74,556	25,742	52.7%
●	Las Vegas-Henderson-Paradise, NV	32,783	52,239	19,456	59.3%
●	Reno, NV	10,932	17,217	6,285	57.5%
●	United States	8,505,601	10,789,045	2,283,444	26.8%

Regional Breakdown of Nevada's Business Information Technology Ecosystems Sector

County Name	2010 Jobs	2018 Jobs	2010 - 2018 Change	2010 - 2018 % Change	Avg. Earnings Per Job	2018 Location Quotient
Clark County	32,783	52,239	19,456	59%	\$57,378	0.73
Washoe County	10,801	15,922	5,121	47%	\$62,084	1.00
Storey County	131	1,295	1,164	889%	\$52,282	1.13
County not reported	936	989	53	6%	\$101,119	2.11
Carson City County	979	948	(31)	(3%)	\$58,606	0.44
Douglas County	423	678	255	60%	\$88,566	0.46
Mineral County	449	600	151	34%	\$74,294	5.35
Nye County	172	565	393	228%	\$91,901	0.64
Churchill County	535	475	(60)	(11%)	\$51,202	0.73
Elko County	423	347	(76)	(18%)	\$56,167	0.22
Lyon County	848	271	(577)	(68%)	\$41,908	0.30
Humboldt County	197	157	(40)	(20%)	\$49,996	0.29
Lincoln County	27	29	2	7%	\$82,212	0.30
White Pine County	75	24	(51)	(68%)	\$65,098	0.08
Lander County	17	<10	Insf. Data	Insf. Data	Insf. Data	0.04
Pershing County	13	<10	Insf. Data	Insf. Data	Insf. Data	0.03
Eureka County	<10	<10	Insf. Data	Insf. Data	Insf. Data	0.01
Esmeralda County	<10	<10	Insf. Data	Insf. Data	Insf. Data	0.04
	48,814	74,556	25,742	53%	\$59,467	

Top Occupations Employed by these Industries

Description	Employed in Industry Group (2018)	% of Total Jobs in Industry Group (2018)
Customer Service Representatives	9,315	12.5%
Laborers and Freight, Stock, and Material Movers, Hand	6,061	8.1%
Sales Representatives, Services, All Other	2,471	3.3%
Telemarketers	2,468	3.3%
Office Clerks, General	2,338	3.1%

Industry Requirements (Top Supply Chain)

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Temporary Help Services	\$212,335,120	\$82,417,843	\$294,752,963
Wired Telecommunications Carriers	\$167,841,335	\$108,120,455	\$275,961,790
Corporate, Subsidiary, and Regional Managing Offices	\$97,695,314	\$127,737,174	\$225,432,489
Internet Publishing and Broadcasting and Web Search Portals	\$29,944,145	\$113,056,785	\$143,000,930
Motion Picture and Video Production	\$61,802,843	\$69,994,839	\$131,797,682

Industry Gender Breakdown



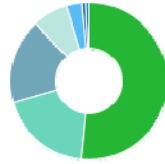
	Gender	2018 Jobs	2018 Percent
•	Males	39,481	53.0%
•	Females	35,075	47.0%

Industry Age Breakdown



	Age	2018 Jobs	2018 Percent
•	14-18	522	0.7%
•	19-24	8,705	11.7%
•	25-34	20,309	27.2%
•	35-44	16,797	22.5%
•	45-54	14,715	19.7%
•	55-64	9,851	13.2%
•	65+	3,657	4.9%

Industry Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent	
●	White	38,450	51.6%	<div style="width: 51.6%;"></div>
●	Hispanic or Latino	14,156	19.0%	<div style="width: 19.0%;"></div>
●	Black or African American	13,136	17.6%	<div style="width: 17.6%;"></div>
●	Asian	5,309	7.1%	<div style="width: 7.1%;"></div>
●	Two or More Races	2,380	3.2%	<div style="width: 3.2%;"></div>
●	American Indian or Alaska Native	604	0.8%	<div style="width: 0.8%;"></div>
●	Native Hawaiian or Other Pacific Islander	520	0.7%	<div style="width: 0.7%;"></div>

Industry Breakdown of Nevada's Business Information Technology Ecosystems Sector

Description	2010 Jobs	2018 Jobs	2010 - 2018 Change	Avg. Earnings Per Job	2018 Location Quotient
Temporary Help Services	16,048	23,424	7,376	\$33,009	0.86
Telemarketing Bureaus and Other Contact Centers	5,000	15,246	10,246	\$39,762	3.44
Electronic Shopping and Mail-Order Houses	5,439	5,702	263	\$48,726	1.31
Custom Computer Programming Services	3,077	4,562	1,485	\$109,266	0.49
Computer Systems Design Services	2,176	3,972	1,796	\$109,151	0.40
Wired Telecommunications Carriers	3,342	3,246	(96)	\$93,496	0.64
Data Processing, Hosting, and Related Services	665	2,604	1,939	\$102,652	0.84
Facilities Support Services	1,312	1,400	88	\$79,445	0.99
Software Publishers	644	1,386	742	\$148,217	0.37
Document Preparation Services	907	1,358	451	\$51,244	1.91
Internet Publishing and Broadcasting and Web Search Portals	498	1,343	845	\$85,705	0.56
Collection Agencies	1,462	1,336	(126)	\$53,038	1.13
Payroll Services	827	1,203	376	\$78,805	0.75
Office Administrative Services	747	1,059	312	\$79,608	0.22
Analytical Laboratory Instrument Manufacturing	351	665	314	\$127,821	1.98
Other Business Service Centers (including Copy Shops)	503	556	53	\$42,225	1.12
Professional Employer Organizations	745	505	(240)	\$78,406	0.15
Private Mail Centers	433	502	69	\$29,461	1.82
Computer Facilities Management Services	355	442	87	\$96,441	0.59
Employment Placement Agencies	211	429	218	\$74,968	0.19
Other Computer Related Services	711	399	(312)	\$108,410	0.34
Telecommunications Resellers	517	390	(127)	\$86,022	0.83
Wireless Telecommunications Carriers (except Satellite)	340	388	48	\$99,722	0.36
Court Reporting and Stenotype Services	364	363	(1)	\$52,804	1.62
Printed Circuit Assembly (Electronic Assembly) Manufacturing	548	349	(199)	\$60,373	0.65
Telephone Answering Services	208	341	133	\$31,812	1.00
All Other Business Support Services	355	261	(94)	\$41,254	0.30
Repossession Services	162	186	24	\$47,956	1.93
Electronic Computer Manufacturing	74	168	94	\$59,762	0.18
Credit Bureaus	62	115	53	\$153,698	0.57
Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	116	108	(8)	\$76,589	0.24
Semiconductor and Related Device Manufacturing	50	87	37	\$91,881	0.05
Executive Search Services	104	83	(21)	\$86,709	0.19
Other Communications Equipment Manufacturing	59	65	6	\$58,760	0.37
All Other Telecommunications	146	62	(84)	\$82,485	0.21
Bare Printed Circuit Board Manufacturing	<10	56	Insf. Data	\$43,711	0.22
Electromedical and Electrotherapeutic Apparatus Manufacturing	22	46	24	\$491,014	0.07
Audio and Video Equipment Manufacturing	33	43	10	\$110,640	0.23
Relay and Industrial Control Manufacturing	10	37	27	\$72,365	0.09
Blank Magnetic and Optical Recording Media Manufacturing	23	25	2	\$46,299	0.72
Switchgear and Switchboard Apparatus Manufacturing	53	25	(28)	\$58,991	0.08
Irradiation Apparatus Manufacturing	0	<10	Insf. Data	Insf. Data	0.04
Software and Other Prerecorded Compact Disc, Tape, and	<10	<10	Insf.	Insf.	0.06

Record Reproducing			Data	Data	
Telephone Apparatus Manufacturing	21	<10	Insf.	Insf.	0.04
Computer Terminal and Other Computer Peripheral Equipment Manufacturing	86	<10	Data	Data	
Fiber Optic Cable Manufacturing	0	0	Insf.	Insf.	0.01
Computer Storage Device Manufacturing	0	0	Data	Data	
	0	0	0	\$0	0.00
	0	0	0	\$0	0.00
	48,814	74,556	25,742	\$59,467	

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

Nevada Department of Employment, Training and Rehabilitation#