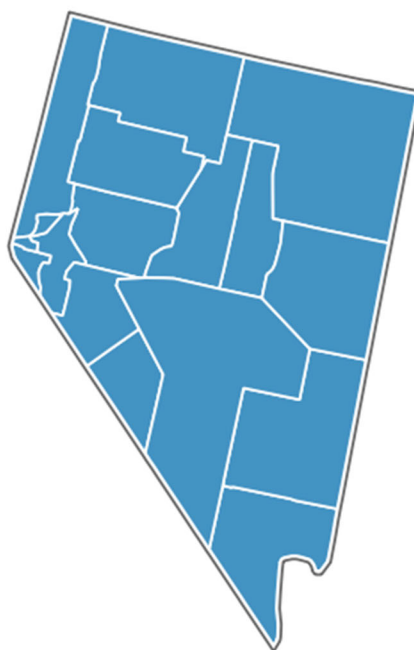


## Nevada's Business Information Technology Ecosystems Sector



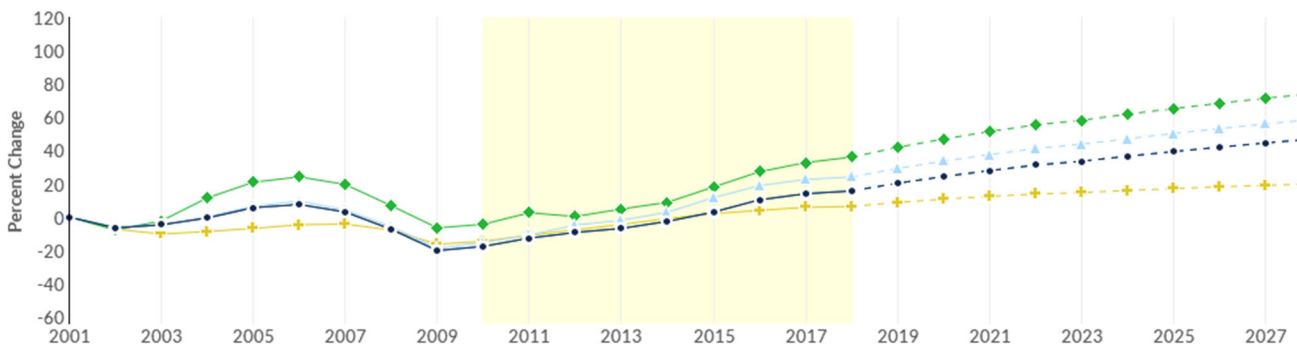
# Industry Summary for Business IT Ecosystems

<b>68,469</b> <b>Jobs (2018)</b> 28% below National average	<b>40.4%</b> <b>% Change (2010-2018)</b> Nation: 24.5%	<b>\$57,122</b> <b>Avg. Earnings Per Job (2018)</b> Nation: \$90,207
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## Industry Detail

Payrolled Business Locations (2018)	6,036
Jobs Multiplier	3.04

## Regional Trends



	Region	2010 Jobs	2018 Jobs	Change	% Change
●	Nevada	48,753	68,469	19,716	40.4%
●	Las Vegas-Henderson-Paradise MSA	32,738	47,983	15,245	46.6%
●	Reno MSA	10,931	15,538	4,607	42.1%
●	United States	8,511,224	10,596,651	2,085,427	24.5%

## 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	32,738	47,983	15,245	47%	\$55,606	0.69
Washoe County	10,800	15,116	4,316	40%	\$58,026	0.98
County not reported	936	1,003	67	7%	\$94,344	2.05
Carson City County	973	906	(67)	(7%)	\$58,350	0.43
Douglas County	422	629	207	49%	\$61,293	0.44
Mineral County	449	591	142	32%	\$67,534	5.26
Nye County	169	484	315	186%	\$85,415	0.57
Churchill County	534	481	(53)	(10%)	\$52,817	0.75
Storey County	131	422	291	222%	\$70,031	0.51
Elko County	422	317	(105)	(25%)	\$56,951	0.20
Lyon County	845	284	(561)	(66%)	\$41,833	0.32
Humboldt County	197	179	(18)	(9%)	\$52,136	0.33
Lincoln County	26	31	5	19%	\$56,765	0.33
White Pine County	75	21	(54)	(72%)	\$79,173	0.07
Lander County	16	18	2	13%	\$39,764	0.08
Eureka County	<10	<10	Insf. Data	Insf. Data	Insf. Data	0.00
Pershing County	14	<10	Insf. Data	Insf. Data	Insf. Data	0.03
Esmeralda County	<10	0	Insf. Data	Insf. Data	\$0	0.00
	48,753	68,469	19,716	40%	\$57,122	

## Top Occupations Employed by these Industries

Description	Employed in Industry Group (2018)	% of Total Jobs in Industry Group (2018)
Customer Service Representatives	8,513	12.4%
Laborers and Freight, Stock, and Material Movers, Hand	5,344	7.8%
Sales Representatives, Services, All Other	2,338	3.4%
Office Clerks, General	2,194	3.2%
Telemarketers	1,969	2.9%

## Industry Requirements (Top Supply Chain)

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Wired Telecommunications Carriers	\$173,427,939	\$211,810,395	\$385,238,334
Corporate, Subsidiary, and Regional Managing Offices	\$104,016,130	\$71,026,314	\$175,042,444
Temporary Help Services	\$86,777,338	\$43,403,205	\$130,180,543
Motion Picture and Video Production	\$61,093,987	\$60,345,130	\$121,439,117
Cable and Other Subscription Programming	\$9,644,629	\$109,045,590	\$118,690,219

## Industry Gender Breakdown



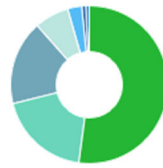
	Gender	2018 Jobs	2018 Percent
•	Males	36,587	53.4%
•	Females	31,882	46.6%

## Industry Age Breakdown



	Age	2018 Jobs	2018 Percent
•	14-18	471	0.7%
•	19-24	8,188	12.0%
•	25-34	18,609	27.2%
•	35-44	15,655	22.9%
•	45-54	13,266	19.4%
•	55-64	9,111	13.3%
•	65+	3,170	4.6%

# Industry Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent	
●	White	35,691	52.1%	<div style="width: 52.1%;"></div>
●	Hispanic or Latino	13,009	19.0%	<div style="width: 19.0%;"></div>
●	Black or African American	11,853	17.3%	<div style="width: 17.3%;"></div>
●	Asian	4,868	7.1%	<div style="width: 7.1%;"></div>
●	Two or More Races	1,996	2.9%	<div style="width: 2.9%;"></div>
●	American Indian or Alaska Native	560	0.8%	<div style="width: 0.8%;"></div>
●	Native Hawaiian or Other Pacific Islander	492	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	16,063	21,679	5,616	\$31,476	0.83
Telemarketing Bureaus and Other Contact Centers	4,984	14,287	9,303	\$37,316	3.22
Electronic Shopping and Mail-Order Houses	5,409	4,977	(432)	\$51,646	1.18
Custom Computer Programming Services	3,148	4,346	1,198	\$98,759	0.49
Computer Systems Design Services	2,234	3,594	1,360	\$103,074	0.38
Wired Telecommunications Carriers	3,344	3,303	(41)	\$91,484	0.64
Data Processing, Hosting, and Related Services	632	2,132	1,500	\$107,688	0.73
Facilities Support Services	1,318	1,417	99	\$75,373	1.04
Document Preparation Services	855	1,358	503	\$50,587	1.93
Software Publishers	644	1,202	558	\$143,541	0.35
Collection Agencies	1,457	1,111	(346)	\$54,074	0.95
Internet Publishing and Broadcasting and Web Search Portals	465	1,062	597	\$89,315	0.49
Payroll Services	826	950	124	\$85,211	0.61
Office Administrative Services	793	947	154	\$75,894	0.20
Analytical Laboratory Instrument Manufacturing	351	616	265	\$115,481	1.90
Professional Employer Organizations	747	503	(244)	\$78,166	0.15
Private Mail Centers	421	493	72	\$29,066	1.88
Other Business Service Centers (including Copy Shops)	500	491	(9)	\$42,865	0.99
Computer Facilities Management Services	360	414	54	\$102,305	0.59
Other Computer Related Services	725	362	(363)	\$95,197	0.32
Telecommunications Resellers	519	344	(175)	\$89,115	0.72
Employment Placement Agencies	218	340	122	\$77,799	0.15
Wireless Telecommunications Carriers (except Satellite)	344	339	(5)	\$107,935	0.30
Printed Circuit Assembly (Electronic Assembly) Manufacturing	548	334	(214)	\$56,765	0.65
Court Reporting and Stenotype Services	313	330	17	\$55,018	1.60
Telephone Answering Services	205	296	91	\$31,957	0.87
All Other Business Support Services	320	221	(99)	\$38,956	0.26
Repossession Services	156	174	18	\$44,763	1.87
Electronic Computer Manufacturing	78	161	83	\$51,422	0.18
Credit Bureaus	61	117	56	\$135,683	0.60
Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	108	103	(5)	\$71,981	0.24
Bare Printed Circuit Board Manufacturing	<10	75	Insf. Data	\$52,637	0.30
Other Communications Equipment Manufacturing	56	71	15	\$61,926	0.42
Executive Search Services	108	63	(45)	\$90,791	0.15
All Other Telecommunications	148	49	(99)	\$97,437	0.17
Semiconductor and Related Device Manufacturing	50	47	(3)	\$112,460	0.03
Audio and Video Equipment Manufacturing	26	38	12	\$107,695	0.21
Relay and Industrial Control Manufacturing	10	32	22	\$73,708	0.08
Switchgear and Switchboard Apparatus Manufacturing	53	26	(27)	\$146,955	0.09

Electromedical and Electrotherapeutic Apparatus Manufacturing	22	22	0	\$115,395	0.04
Blank Magnetic and Optical Recording Media Manufacturing	23	22	(1)	\$44,680	0.61
Software and Other Prerecorded Compact Disc, Tape, and Record Reproducing	<10	17	Insf. Data	\$128,588	0.17
Telephone Apparatus Manufacturing	18	<10	Insf. Data	Insf. Data	0.01
Computer Terminal and Other Computer Peripheral Equipment Manufacturing	86	<10	Insf. Data	Insf. Data	0.00
Irradiation Apparatus Manufacturing	0	<10	Insf. Data	Insf. Data	0.01
Computer Storage Device Manufacturing	0	0	0	\$0	0.00
Fiber Optic Cable Manufacturing	0	0	0	\$0	0.00
	48,753	68,469	19,716	\$57,122	



# 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, Information Development and Processing Division, Research and Analysis Bureau.