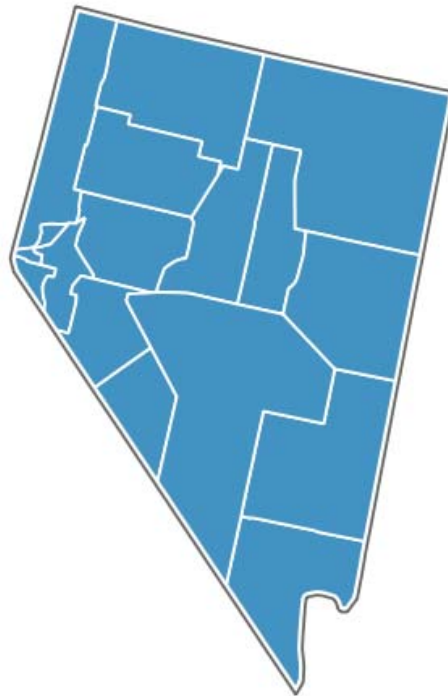


Nevada's Water Technologies Sector



Industry Summary for Water Technologies

41,404 Jobs (2019) 12% below National average	24.7% % Change (2010-2019) Nation: 19.4%	\$85,242 Avg. Earnings Per Job (2019) Nation: \$89,791
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Industry Detail

Payrolled Business Locations (2019)	2,771
Jobs Multiplier	4
Unemployed	Only Available for 2-Digit

Regional Trends



	Region	2010 Jobs	2019 Jobs	Change	% Change
●	Nevada	33,202	41,404	8,202	24.7%
●	Las Vegas-Henderson-Paradise, NV	20,904	26,137	5,233	25.0%
●	Reno, NV	6,420	8,828	2,408	37.5%
●	United States	4,293,045	5,124,089	831,044	19.4%

Regional Breakdown of Nevada's Water Technologies Sector

County Name	2010 Jobs	2019 Jobs	2010 - 2019 Change	2010 - 2019 % Change	Avg. Earnings Per Job	2019 Location Quotient
Clark County	20,904	26,137	5,233	25%	\$84,979	0.76
Washoe County	6,315	8,272	1,957	31%	\$81,902	1.09
Nye County	1,468	1,660	192	13%	\$102,115	3.90
Douglas County	1,348	1,395	47	3%	\$93,243	1.99
Elko County	854	798	(56)	(7%)	\$74,285	1.06
Carson City County	516	708	192	37%	\$62,451	0.69
Lyon County	638	631	(7)	(1%)	\$70,015	1.43
Storey County	104	556	452	435%	\$116,477	0.96
Churchill County	365	413	48	13%	\$86,556	1.35
Humboldt County	320	246	(74)	(23%)	\$99,723	0.94
County not reported	142	241	99	70%	\$112,892	1.10
Eureka County	70	111	41	59%	\$132,732	0.77
White Pine County	79	96	17	22%	\$49,432	0.67
Lincoln County	30	72	42	140%	\$58,208	1.56
Lander County	13	30	17	131%	\$140,740	0.26
Mineral County	14	27	13	93%	\$87,204	0.50
Esmeralda County	<10	<10	Insf. Data	Insf. Data	\$117,510	0.56
Pershing County	15	<10	Insf. Data	Insf. Data	\$41,210	0.06
	33,202	41,404	8,202	25%	\$85,242	

Top Occupations Employed in these Industries

Description	Employed in Industry Group (2019)	% of Total Jobs in Industry Group (2019)
Plumbers, Pipefitters, and Steamfitters	4,316	10.4%
Construction Laborers	2,425	5.9%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,662	4.0%
Office Clerks, General	1,521	3.7%
Civil Engineers	1,402	3.4%

Industry Requirements (Top Supply Chain)

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Corporate, Subsidiary, and Regional Managing Offices	\$43,949,914	\$63,426,051	\$107,375,965
Petroleum Refineries	\$11,014,015	\$94,052,449	\$105,066,464
Temporary Help Services	\$73,625,820	\$23,819,079	\$97,444,899
Engineering Services	\$71,492,152	\$18,837,799	\$90,329,952
Home Centers	\$44,021,349	\$30,526,529	\$74,547,877

Industry Gender Breakdown



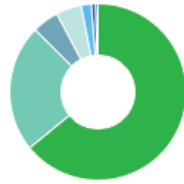
	Gender	2019 Jobs	2019 Percent
•	Males	32,225	77.8%
•	Females	9,179	22.2%

Industry Age Breakdown



	Age	2019 Jobs	2019 Percent
•	14-18	227	0.5%
•	19-24	2,767	6.7%
•	25-34	8,602	20.8%
•	35-44	10,072	24.3%
•	45-54	9,482	22.9%
•	55-64	7,623	18.4%
•	65+	2,630	6.4%

Industry Race/Ethnicity Breakdown



	Age	2019 Jobs	2019 Percent	
•	White	26,525	64.1%	<div style="width: 64.1%;"></div>
•	Hispanic or Latino	9,643	23.3%	<div style="width: 23.3%;"></div>
•	Black or African American	2,028	4.9%	<div style="width: 4.9%;"></div>
•	Asian	1,919	4.6%	<div style="width: 4.6%;"></div>
•	Two or More Races	773	1.9%	<div style="width: 1.9%;"></div>
•	American Indian or Alaska Native	316	0.8%	<div style="width: 0.8%;"></div>
•	Native Hawaiian or Other Pacific Islander	200	0.5%	<div style="width: 0.5%;"></div>

Industry Breakdown of Nevada's Water Technologies Sector

NAICS	Description	2010 Jobs	2019 Jobs	2010 - 2019 Change	Avg. Earnings Per Job	2019 Location Quotient
238220	Plumbing, Heating, and Air-Conditioning Contractors	8,099	13,127	5,028	\$73,397	1.13
541330	Engineering Services	6,852	7,728	876	\$103,415	0.81
238910	Site Preparation Contractors	3,717	4,966	1,249	\$65,327	1.00
541715	Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	2,986	2,821	(165)	\$125,609	0.71
541380	Testing Laboratories	1,677	2,425	748	\$76,469	1.49
237110	Water and Sewer Line and Related Structures Construction	1,952	2,391	439	\$74,824	1.31
541620	Environmental Consulting Services	768	870	102	\$86,086	0.89
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers	554	857	303	\$77,115	0.85
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	869	715	(154)	\$112,213	1.22
237990	Other Heavy and Civil Engineering Construction	1,228	631	(597)	\$100,917	0.52
562212	Solid Waste Landfill	440	561	121	\$87,069	1.51
812332	Industrial Launderers	891	558	(333)	\$58,667	0.91
221112	Fossil Fuel Electric Power Generation	615	555	(60)	\$188,652	0.70
541370	Surveying and Mapping (except Geophysical) Services	266	486	220	\$87,954	0.95
312112	Bottled Water Manufacturing	53	380	327	\$88,517	2.48
562991	Septic Tank and Related Services	199	271	72	\$57,582	0.93
221116	Geothermal Electric Power Generation	163	218	55	\$158,180	21.04
332911	Industrial Valve Manufacturing	259	216	(43)	\$74,602	0.87
312111	Soft Drink Manufacturing	99	160	61	\$60,011	0.22
326122	Plastics Pipe and Pipe Fitting Manufacturing	298	156	(142)	\$57,457	0.59
221310	Water Supply and Irrigation Systems	98	153	55	\$57,052	0.35
562211	Hazardous Waste Treatment and Disposal	142	149	7	\$68,677	0.43

333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	153	142	(11)	\$105,348	0.17
332420	Metal Tank (Heavy Gauge) Manufacturing	88	111	23	\$69,069	0.31
312120	Breweries	17	101	84	\$52,346	0.13
333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing	136	97	(39)	\$78,291	0.36
326191	Plastics Plumbing Fixture Manufacturing	52	97	45	\$53,544	0.74
541360	Geophysical Surveying and Mapping Services	126	95	(31)	\$66,200	0.61
312113	Ice Manufacturing	60	70	10	\$53,593	1.03
562998	All Other Miscellaneous Waste Management Services	39	69	30	\$55,008	0.36
312140	Distilleries	<10	56	Insf. Data	\$85,603	0.35
562219	Other Nonhazardous Waste Treatment and Disposal	22	49	27	\$58,456	0.29
221320	Sewage Treatment Facilities	<10	42	Insf. Data	\$95,933	0.70
221330	Steam and Air-Conditioning Supply	73	35	(38)	\$118,004	2.44
312130	Wineries	16	16	0	\$18,816	0.02
332913	Plumbing Fixture Fitting and Trim Manufacturing	<10	15	Insf. Data	\$54,059	0.14
334514	Totalizing Fluid Meter and Counting Device Manufacturing	103	<10	Insf. Data	Insf. Data	0.05
332996	Fabricated Pipe and Pipe Fitting Manufacturing	38	<10	Insf. Data	Insf. Data	0.01
332919	Other Metal Valve and Pipe Fitting Manufacturing	34	<10	Insf. Data	Insf. Data	0.03
332410	Power Boiler and Heat Exchanger Manufacturing	<10	0	Insf. Data	\$0	0.00
562213	Solid Waste Combustors and Incinerators	0	0	0	\$0	0.00
221113	Nuclear Electric Power Generation	0	0	0	\$0	0.00
221111	Hydroelectric Power Generation	0	0	0	\$0	0.00
		33,202	41,404	8,202	\$85,242	

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