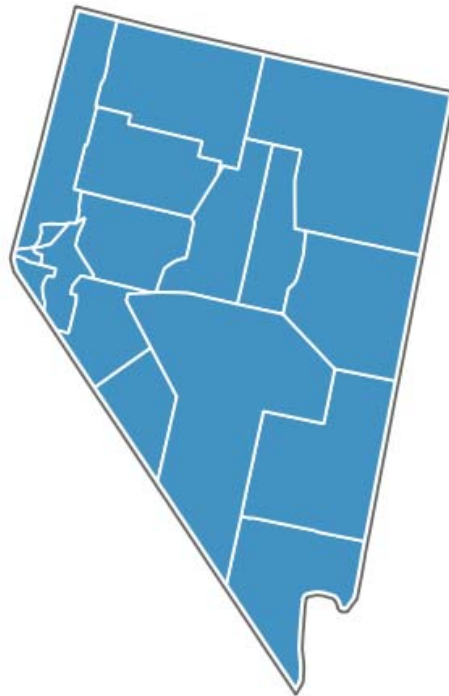


## **Nevada's Natural Resource Technologies Sector**



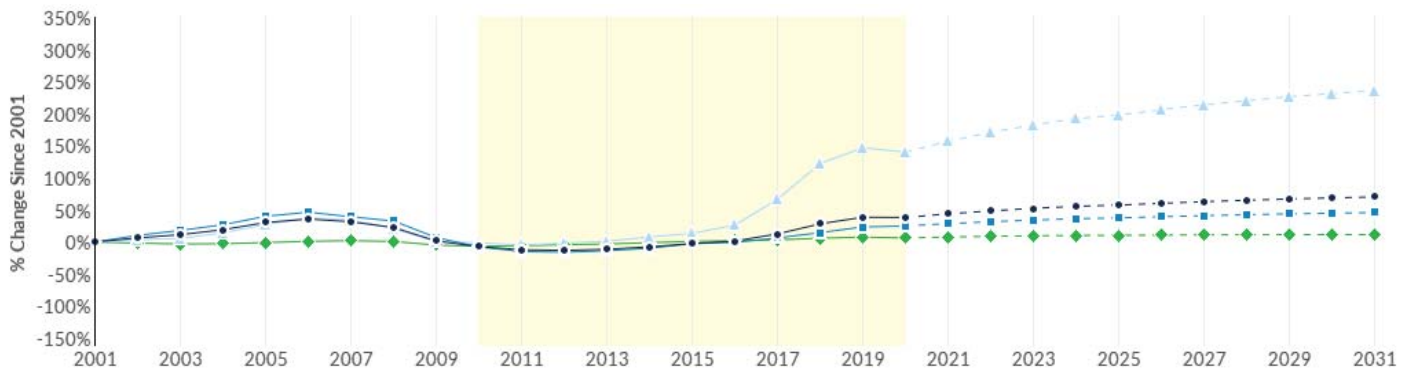
## Industry Summary for Natural Resource Technologies

<b>74,537</b> <b>Jobs (2020)</b> 20% below National average	<b>49.0%</b> <b>% Change (2010-2020)</b> Nation: 13.8%	<b>\$86,888</b> <b>Avg. Earnings Per Job (2020)</b> Nation: \$83,588
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## Industry Detail

Payrolled Business Locations (2020)	3,790
Jobs Multiplier	3
Unemployed	Only Available for 2-Digit

## Regional Trends



Region	2010 Jobs	2020 Jobs	Change	% Change
● Nevada	50,040	74,537	24,497	49.0%
● Las Vegas-Henderson-Paradise, NV	28,663	38,798	10,135	35.4%
● Reno, NV	9,497	23,074	13,578	143.0%
● United States	9,109,921	10,367,080	1,257,160	13.8%

## Regional Breakdown of Nevada's Natural Resource Technologies Sector

County Name	2010 Jobs	2020 Jobs	2010 - 2020 Change	2010 - 2020 % Change	Avg. Earnings Per Job	2020 Location Quotient
Clark County	28,663	38,798	10,135	35%	\$87,373	0.58
Washoe County	9,240	13,031	3,791	41%	\$80,045	0.84
Storey County	257	10,044	9,787	3811%	\$105,611	8.75
Nye County	1,950	2,475	524	27%	\$96,223	2.74
Douglas County	1,968	2,180	212	11%	\$85,564	1.58
Lyon County	1,736	1,670	(66)	(4%)	\$60,736	1.81
Carson City County	950	1,466	515	54%	\$70,729	0.70
Elko County	1,907	1,410	(497)	(26%)	\$71,399	0.94
Churchill County	991	1,167	177	18%	\$62,586	1.85
Humboldt County	1,229	832	(397)	(32%)	\$73,902	1.57
County not reported	194	346	151	78%	\$132,617	0.52
White Pine County	266	273	7	3%	\$62,534	0.94
Lincoln County	99	237	139	140%	\$55,030	2.39
Eureka County	115	215	100	87%	\$89,126	0.75
Lander County	138	165	28	20%	\$63,071	0.70
Pershing County	257	150	(107)	(42%)	\$49,156	1.09
Esmeralda County	38	50	12	32%	\$56,529	2.03
Mineral County	42	29	(13)	(32%)	\$71,030	0.24
	50,040	74,537	24,497	49%	\$86,888	

## Top Occupations Employed in these Industries

Description	Employed in Industry Group (2020)	% of Total Jobs in Industry Group (2020)
Plumbers, Pipefitters, and Steamfitters	4,034	5.4%
Construction Laborers	2,794	3.7%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,488	3.3%
Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	2,083	2.8%
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	2,075	2.8%

## Industry Requirements (Top Supply Chain)

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Animal Production	\$35,234,185	\$261,957,396	\$297,191,581
Corporate, Subsidiary, and Regional Managing Offices	\$179,715,614	\$82,252,035	\$261,967,648
Nonferrous Metal (except Aluminum) Smelting and Refining	\$33,440,608	\$209,392,337	\$242,832,945
Crop Production	\$83,106,661	\$134,590,429	\$217,697,090
Petroleum Refineries	\$17,543,578	\$177,429,147	\$194,972,725

## Industry Gender Breakdown



	Gender	2020 Jobs	2020 Percent
•	Males	55,413	74.3%
•	Females	19,124	25.7%

## Industry Age Breakdown



	Age	2020 Jobs	2020 Percent
•	14-18	540	0.7%
•	19-24	6,583	8.8%
•	25-34	17,472	23.4%
•	35-44	16,986	22.8%
•	45-54	15,480	20.8%
•	55-64	12,832	17.2%
•	65+	4,645	6.2%

## Industry Race/Ethnicity Breakdown



	Race/Ethnicity	2020 Jobs	2020 Percent	
•	White	45,388	60.9%	<div style="width: 60.9%;"></div>
•	Hispanic or Latino	18,244	24.5%	<div style="width: 24.5%;"></div>
•	Asian	4,283	5.7%	<div style="width: 5.7%;"></div>
•	Black or African American	3,987	5.3%	<div style="width: 5.3%;"></div>
•	Two or More Races	1,659	2.2%	<div style="width: 2.2%;"></div>
•	American Indian or Alaska Native	579	0.8%	<div style="width: 0.8%;"></div>
•	Native Hawaiian or Other Pacific Islander	397	0.5%	<div style="width: 0.5%;"></div>

## Industry Breakdown of Nevada's Natural Resource Technologies Sector

NAICS	Description	2010 Jobs	2020 Jobs	2010 - 2020 Change	Avg. Earnings Per Job	2020 Location Quotient
238220	Plumbing, Heating, and Air-Conditioning Contractors	8,095	13,733	5,639	\$77,954	1.21
335911	Storage Battery Manufacturing	0	9,493	9,493	\$105,203	39.69
541330	Engineering Services	6,925	8,174	1,249	\$106,246	0.86
238910	Site Preparation Contractors	3,715	4,871	1,156	\$68,864	1.00
111000	Crop Production	1,438	3,755	2,317	\$49,536	0.50
541715	Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	3,160	3,066	(94)	\$132,789	0.74
237110	Water and Sewer Line and Related Structures Construction	1,951	2,706	755	\$77,715	1.50
541380	Testing Laboratories	1,690	2,513	823	\$79,084	1.58
237130	Power and Communication Line and Related Structures Construction	1,486	1,946	460	\$85,984	0.98
221122	Electric Power Distribution	2,021	1,784	(237)	\$164,062	0.92
112000	Animal Production	1,855	1,756	(99)	\$39,768	0.42
221210	Natural Gas Distribution	1,290	1,246	(44)	\$153,811	1.25
444220	Nursery, Garden Center, and Farm Supply Stores	750	1,009	259	\$40,723	0.81
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers	555	999	444	\$80,659	1.02
541620	Environmental Consulting Services	753	904	151	\$88,380	0.95
237120	Oil and Gas Pipeline and Related Structures Construction	981	801	(180)	\$71,493	0.57
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	869	721	(148)	\$120,007	1.28
813312	Environment, Conservation and Wildlife Organizations	358	607	249	\$46,656	0.95
237990	Other Heavy and Civil Engineering Construction	1,227	584	(643)	\$105,878	0.49
541370	Surveying and Mapping (except Geophysical) Services	268	580	311	\$94,549	1.14
562212	Solid Waste Landfill	442	554	112	\$80,682	1.53
812332	Industrial Launderers	934	546	(388)	\$65,511	0.93

115115	Farm Labor Contractors and Crew Leaders	438	525	86	\$28,776	0.18
221112	Fossil Fuel Electric Power Generation	615	520	(95)	\$194,812	0.71
423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers	407	502	94	\$95,712	0.76
311412	Frozen Specialty Food Manufacturing	261	476	215	\$52,537	0.86
312112	Bottled Water Manufacturing	59	450	391	\$88,821	2.93
311991	Perishable Prepared Food Manufacturing	247	431	184	\$35,619	0.82
311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing	103	344	241	\$66,356	2.02
335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing	258	342	83	\$117,670	1.26
311942	Spice and Extract Manufacturing	208	320	112	\$77,689	1.42
311511	Fluid Milk Manufacturing	433	298	(135)	\$81,626	0.61
115210	Support Activities for Animal Production	202	291	89	\$23,368	0.72
311520	Ice Cream and Frozen Dessert Manufacturing	427	285	(143)	\$73,548	1.46
311612	Meat Processed from Carcasses	118	281	163	\$51,283	0.23
311920	Coffee and Tea Manufacturing	207	274	67	\$63,983	1.22
562991	Septic Tank and Related Services	200	267	67	\$60,073	0.92
311352	Confectionery Manufacturing from Purchased Chocolate	191	266	75	\$43,658	0.98
333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing	191	228	37	\$54,101	0.85
311919	Other Snack Food Manufacturing	30	228	197	\$50,711	0.58
221116	Geothermal Electric Power Generation	108	220	112	\$144,256	21.92
326122	Plastics Pipe and Pipe Fitting Manufacturing	298	213	(85)	\$64,734	0.84
423330	Roofing, Siding, and Insulation Material Merchant Wholesalers	114	208	94	\$85,165	0.58
332911	Industrial Valve Manufacturing	260	206	(55)	\$69,553	0.86
312111	Soft Drink Manufacturing	93	195	102	\$63,888	0.28
311421	Fruit and Vegetable Canning	162	191	29	\$85,325	0.38
334419	Other Electronic Component Manufacturing	128	175	47	\$56,177	0.32



334417	Electronic Connector Manufacturing	<10	172	Insf. Data	\$53,325	0.86
335931	Current-Carrying Wiring Device Manufacturing	<10	158	Insf. Data	\$87,816	0.57
311230	Breakfast Cereal Manufacturing	106	153	46	\$94,600	1.37
221310	Water Supply and Irrigation Systems	98	150	53	\$62,128	0.35
325180	Other Basic Inorganic Chemical Manufacturing	226	148	(78)	\$118,329	0.41
335311	Power, Distribution, and Specialty Transformer Manufacturing	<10	147	Insf. Data	\$108,132	0.61
311111	Dog and Cat Food Manufacturing	103	140	37	\$78,753	0.52
562211	Hazardous Waste Treatment and Disposal	150	132	(18)	\$78,375	0.39
312230	Tobacco Manufacturing	<10	124	Insf. Data	\$21,829	1.24
312120	Breweries	17	116	98	\$48,976	0.15
326191	Plastics Plumbing Fixture Manufacturing	74	112	37	\$61,561	0.89
311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing	0	105	105	\$74,406	0.64
311830	Tortilla Manufacturing	62	105	43	\$39,064	0.59
541360	Geophysical Surveying and Mapping Services	127	105	(23)	\$70,322	0.75
115114	Postharvest Crop Activities (except Cotton Ginning)	76	102	26	\$40,272	0.13
115112	Soil Preparation, Planting, and Cultivating	53	94	41	\$38,757	0.29
333912	Air and Gas Compressor Manufacturing	58	93	35	\$108,088	0.53
334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	85	90	5	\$66,624	0.26
333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing	136	87	(50)	\$101,542	0.35
312140	Distilleries	<10	86	Insf. Data	\$72,129	0.52
334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing	130	85	(44)	\$45,337	0.56
311119	Other Animal Food Manufacturing	46	83	36	\$75,796	0.26
221114	Solar Electric Power Generation	67	78	12	\$161,989	2.06

334519	Other Measuring and Controlling Device Manufacturing	71	74	3	\$75,360	0.23
311340	Nonchocolate Confectionery Manufacturing	82	73	(9)	\$58,008	0.38
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	161	67	(95)	\$79,716	0.08
335912	Primary Battery Manufacturing	<10	65	Insf. Data	\$96,963	0.58
312113	Ice Manufacturing	60	63	3	\$54,101	1.00
562998	All Other Miscellaneous Waste Management Services	39	62	23	\$62,103	0.32
562219	Other Nonhazardous Waste Treatment and Disposal	13	62	49	\$69,790	0.37
332420	Metal Tank (Heavy Gauge) Manufacturing	93	61	(32)	\$71,615	0.18
333241	Food Product Machinery Manufacturing	<10	61	Insf. Data	\$70,074	0.35
332912	Fluid Power Valve and Hose Fitting Manufacturing	63	58	(6)	\$75,926	0.18
311999	All Other Miscellaneous Food Manufacturing	30	57	27	\$64,478	0.17
311710	Seafood Product Preparation and Packaging	109	56	(52)	\$42,877	0.19
335122	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing	39	56	17	\$85,201	0.29
311411	Frozen Fruit, Juice, and Vegetable Manufacturing	<10	54	Insf. Data	\$51,086	0.20
115116	Farm Management Services	37	54	17	\$33,448	0.28
311423	Dried and Dehydrated Food Manufacturing	114	49	(65)	\$44,478	0.43
325314	Fertilizer (Mixing Only) Manufacturing	23	47	25	\$58,520	0.56
311513	Cheese Manufacturing	0	44	44	\$94,136	0.09
333111	Farm Machinery and Equipment Manufacturing	<10	44	Insf. Data	\$62,542	0.08
221320	Sewage Treatment Facilities	<10	43	Insf. Data	\$100,636	0.72
325199	All Other Basic Organic Chemical Manufacturing	22	43	21	\$108,074	0.12

221121	Electric Bulk Power Transmission and Control	0	39	39	\$175,512	0.16
114111	Finfish Fishing	70	37	(33)	\$151,680	0.33
311351	Chocolate and Confectionery Manufacturing from Cacao Beans	0	37	37	\$73,272	0.43
311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour	<10	35	Insf. Data	\$34,749	0.19
333996	Fluid Power Pump and Motor Manufacturing	49	34	(15)	\$81,567	0.20
486210	Pipeline Transportation of Natural Gas	69	33	(36)	\$130,287	0.12
311613	Rendering and Meat Byproduct Processing	<10	32	Insf. Data	\$80,600	0.45
115310	Support Activities for Forestry	41	32	(9)	\$21,620	0.17
113310	Logging	17	29	12	\$34,679	0.04
333995	Fluid Power Cylinder and Actuator Manufacturing	<10	29	Insf. Data	\$51,981	0.19
333994	Industrial Process Furnace and Oven Manufacturing	<10	27	Insf. Data	\$66,342	0.31
335929	Other Communication and Energy Wire Manufacturing	52	26	(26)	\$98,367	0.25
114210	Hunting and Trapping	46	23	(23)	\$19,991	0.47
316998	All Other Leather Good and Allied Product Manufacturing	42	23	(20)	\$13,976	0.23
115113	Crop Harvesting, Primarily by Machine	<10	22	Insf. Data	\$32,495	0.18
311615	Poultry Processing	0	22	22	\$50,980	0.01
332913	Plumbing Fixture Fitting and Trim Manufacturing	<10	21	Insf. Data	\$55,996	0.20
334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use	82	21	(61)	\$65,993	0.16
311930	Flavoring Syrup and Concentrate Manufacturing	14	18	3	\$118,787	0.25
311225	Fats and Oils Refining and Blending	0	10	10	\$57,293	0.16
221330	Steam and Air-Conditioning Supply	73	<10	Insf. Data	Insf. Data	0.36
311911	Roasted Nuts and Peanut Butter Manufacturing	0	<10	Insf. Data	Insf. Data	0.02

334514	Totalizing Fluid Meter and Counting Device Manufacturing	77	<10	Insf. Data	Insf. Data	0.03
325120	Industrial Gas Manufacturing	21	<10	Insf. Data	Insf. Data	0.03
325320	Pesticide and Other Agricultural Chemical Manufacturing	0	<10	Insf. Data	Insf. Data	0.02
312130	Wineries	16	<10	Insf. Data	Insf. Data	0.01
333414	Heating Equipment (except Warm Air Furnaces) Manufacturing	20	<10	Insf. Data	Insf. Data	0.02
221115	Wind Electric Power Generation	16	<10	Insf. Data	Insf. Data	0.04
311224	Soybean and Other Oilseed Processing	18	<10	Insf. Data	Insf. Data	0.04
332996	Fabricated Pipe and Pipe Fitting Manufacturing	38	<10	Insf. Data	Insf. Data	0.02
332919	Other Metal Valve and Pipe Fitting Manufacturing	34	<10	Insf. Data	Insf. Data	0.05
113210	Forest Nurseries and Gathering of Forest Products	0	0	0	\$0	0.00
221113	Nuclear Electric Power Generation	0	0	0	\$0	0.00
311512	Creamery Butter Manufacturing	0	0	0	\$0	0.00
562213	Solid Waste Combustors and Incinerators	0	0	0	\$0	0.00
311611	Animal (except Poultry) Slaughtering	0	0	0	\$0	0.00
221118	Other Electric Power Generation	24	0	(24)	\$0	0.00
221117	Biomass Electric Power Generation	<10	0	Insf. Data	\$0	0.00
113110	Timber Tract Operations	0	0	0	\$0	0.00
114112	Shellfish Fishing	0	0	0	\$0	0.00
325311	Nitrogenous Fertilizer Manufacturing	16	0	(16)	\$0	0.00
114119	Other Marine Fishing	0	0	0	\$0	0.00
211130	Natural Gas Extraction	0	0	0	\$0	0.00
335991	Carbon and Graphite Product Manufacturing	0	0	0	\$0	0.00
311314	Cane Sugar Manufacturing	0	0	0	\$0	0.00
325312	Phosphatic Fertilizer Manufacturing	<10	0	Insf. Data	\$0	0.00
115111	Cotton Ginning	0	0	0	\$0	0.00
311313	Beet Sugar Manufacturing	0	0	0	\$0	0.00
311221	Wet Corn Milling	0	0	0	\$0	0.00

333611	Turbine and Turbine Generator Set Units Manufacturing	28	0	(28)	\$0	0.00
311213	Malt Manufacturing	0	0	0	\$0	0.00
311422	Specialty Canning	0	0	0	\$0	0.00
311212	Rice Milling	0	0	0	\$0	0.00
332410	Power Boiler and Heat Exchanger Manufacturing	<10	0	Insf. Data	\$0	0.00
325193	Ethyl Alcohol Manufacturing	0	0	0	\$0	0.00
311211	Flour Milling	0	0	0	\$0	0.00
221111	Hydroelectric Power Generation	0	0	0	\$0	0.00
		50,040	74,537	24,497	\$86,888	

# 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