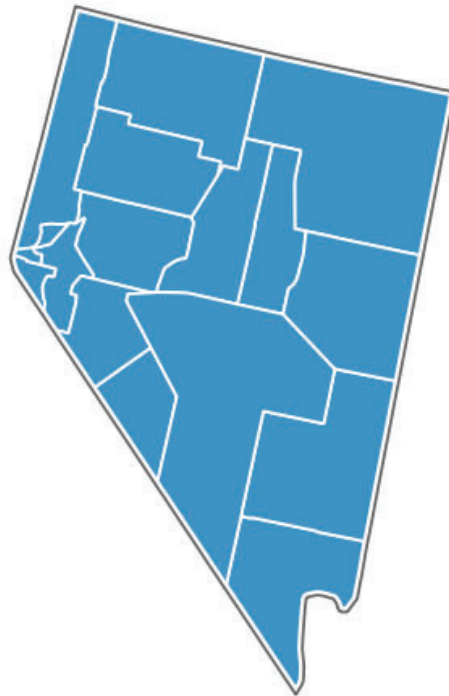


Nevada's Natural Resource Technologies Sector



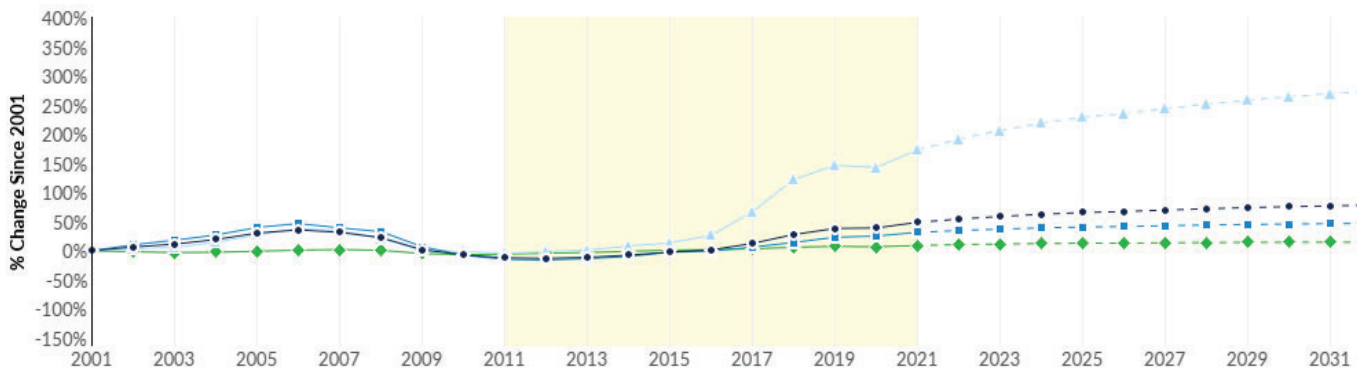
Industry Summary for Natural Resource Technologies

80,191 Jobs (2021) 19% below National average	69.2% % Change (2011-2021) Nation: 15.5%	\$94,388 Avg. Earnings Per Job (2021) Nation: \$88,361
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Industry Detail

Payrolled Business Locations (2021)	3,736
Jobs Multiplier	3
Unemployed	Only Available for 2-Digit

Regional Trends



	Region	2011 Jobs	2021 Jobs	Change	% Change
●	Nevada	47,400	80,191	32,791	69.2%
●	Las Vegas-Henderson-Paradise, NV	26,445	40,826	14,381	54.4%
●	Reno, NV	9,159	26,218	17,060	186.3%
●	United States	9,195,992	10,625,142	1,429,150	15.5%

Regional Breakdown of Nevada's Natural Resource Technologies Sector

County Name	2011 Jobs	2021 Jobs	2011 - 2021 Change	2011 - 2021 % Change	Avg. Earnings Per Job	2021 Location Quotient
Clark County	26,445	40,826	14,381	54%	\$90,738	0.58
Washoe County	8,880	14,115	5,235	59%	\$84,359	0.88
Storey County	279	12,103	11,824	4242%	\$132,137	9.57
Nye County	2,022	2,465	443	22%	\$101,731	2.66
Douglas County	1,897	2,240	343	18%	\$83,853	1.57
Lyon County	1,676	1,790	114	7%	\$64,798	1.81
Elko County	2,011	1,483	(528)	(26%)	\$79,260	0.98
Carson City County	936	1,443	507	54%	\$76,962	0.68
Churchill County	877	1,183	306	35%	\$67,174	1.68
Humboldt County	1,295	815	(481)	(37%)	\$78,446	1.48
County not reported	166	494	328	198%	\$133,812	0.34
White Pine County	271	289	18	7%	\$67,195	0.94
Lander County	145	276	131	90%	\$73,901	1.14
Lincoln County	118	246	128	108%	\$53,097	2.35
Eureka County	106	187	80	75%	\$86,567	0.67
Pershing County	201	153	(48)	(24%)	\$54,608	1.07
Esmeralda County	33	57	24	72%	\$44,573	2.05
Mineral County	41	26	(15)	(36%)	\$75,736	0.22
	47,400	80,191	32,791	69%	\$94,388	

Top Occupations Employed in these Industries

Description	Employed in Industry Group (2021)	% of Total Jobs in Industry Group (2021)
Plumbers, Pipefitters, and Steamfitters	5,335	6.7%
Construction Laborers	3,076	3.8%
General and Operations Managers	2,581	3.2%
Miscellaneous Assemblers and Fabricators	2,421	3.0%
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	2,207	2.8%

Industry Requirements (Top Supply Chain)

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Nonferrous Metal (except Aluminum) Smelting and Refining	\$41,443,834	\$260,753,305	\$302,197,139
Animal Production	\$34,864,539	\$265,673,056	\$300,537,595
Corporate, Subsidiary, and Regional Managing Offices	\$212,877,157	\$82,933,553	\$295,810,710
Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding	\$21,263,797	\$177,131,307	\$198,395,104
Crop Production	\$69,651,162	\$124,462,892	\$194,114,054

Industry Gender Breakdown



	Gender	2021 Jobs	2021 Percent	
•	Males	58,656	73.1%	<div style="width: 73.1%;"></div>
•	Females	21,535	26.9%	<div style="width: 26.9%;"></div>

Industry Age Breakdown



	Age	2021 Jobs	2021 Percent	
•	14-18	633	0.8%	<div style="width: 0.8%;"></div>
•	19-24	7,045	8.8%	<div style="width: 8.8%;"></div>
•	25-34	19,185	23.9%	<div style="width: 23.9%;"></div>
•	35-44	18,472	23.0%	<div style="width: 23.0%;"></div>
•	45-54	16,047	20.0%	<div style="width: 20.0%;"></div>
•	55-64	13,659	17.0%	<div style="width: 17.0%;"></div>
•	65+	5,150	6.4%	<div style="width: 6.4%;"></div>

Industry Race/Ethnicity Breakdown



	Race/Ethnicity	2021 Jobs	2021 Percent	
•	White	47,545	59.3%	<div style="width: 59.3%;"></div>
•	Hispanic or Latino	20,188	25.2%	<div style="width: 25.2%;"></div>
•	Asian	4,859	6.1%	<div style="width: 6.1%;"></div>
•	Black or African American	4,400	5.5%	<div style="width: 5.5%;"></div>
•	Two or More Races	1,970	2.5%	<div style="width: 2.5%;"></div>
•	American Indian or Alaska Native	761	0.9%	<div style="width: 0.9%;"></div>
•	Native Hawaiian or Other Pacific Islander	467	0.6%	<div style="width: 0.6%;"></div>

Industry Breakdown of Nevada's Natural Resource Technologies Sector

NAICS	Description	2011 Jobs	2021 Jobs	2011 - 2021 Change	Avg. Earnings Per Job	2021 Location Quotient
238220	Plumbing, Heating, and Air-Conditioning Contractors	7,077	13,870	6,794	\$79,937	1.15
335911	Storage Battery Manufacturing	0	11,603	11,603	\$132,216	33.67
541330	Engineering Services	6,531	8,408	1,877	\$109,631	0.84
238910	Site Preparation Contractors	3,551	5,129	1,578	\$73,231	0.99
111000	Crop Production	1,347	4,156	2,809	\$54,042	0.52
541715	Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	3,078	3,344	266	\$140,234	0.73
237110	Water and Sewer Line and Related Structures Construction	1,692	2,942	1,250	\$84,483	1.58
541380	Testing Laboratories	1,786	2,693	907	\$80,976	1.65
237130	Power and Communication Line and Related Structures Construction	1,476	2,511	1,035	\$89,663	1.18
112000	Animal Production	1,593	1,857	264	\$42,061	0.39
221122	Electric Power Distribution	1,927	1,715	(213)	\$177,229	0.86
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers	535	1,222	687	\$84,836	1.19
221210	Natural Gas Distribution	1,182	1,218	36	\$166,095	1.17
444220	Nursery, Garden Center, and Farm Supply Stores	759	1,155	396	\$43,126	0.81
541620	Environmental Consulting Services	718	890	172	\$95,397	0.87
237120	Oil and Gas Pipeline and Related Structures Construction	1,225	882	(343)	\$87,984	0.71
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	807	694	(113)	\$109,696	1.25
813312	Environment, Conservation and Wildlife Organizations	384	651	266	\$48,861	0.97
237990	Other Heavy and Civil Engineering Construction	638	615	(24)	\$103,724	0.50
423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers	357	606	249	\$101,506	0.86
541370	Surveying and Mapping (except Geophysical) Services	265	601	336	\$100,374	1.12
312112	Bottled Water Manufacturing	73	549	476	\$89,435	3.36

562212	Solid Waste Landfill	417	539	122	\$99,529	1.48
812332	Industrial Launderers	1,262	517	(745)	\$77,229	0.89
115115	Farm Labor Contractors and Crew Leaders	432	482	50	\$30,855	0.16
221112	Fossil Fuel Electric Power Generation	655	463	(192)	\$214,945	0.64
311412	Frozen Specialty Food Manufacturing	265	459	195	\$56,267	0.77
311991	Perishable Prepared Food Manufacturing	307	426	119	\$40,830	0.78
311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing	96	384	288	\$69,924	2.04
311520	Ice Cream and Frozen Dessert Manufacturing	638	354	(283)	\$66,940	1.63
311942	Spice and Extract Manufacturing	248	350	102	\$79,686	1.42
311612	Meat Processed from Carcasses	47	347	300	\$47,811	0.27
115210	Support Activities for Animal Production	140	322	182	\$23,807	0.76
311920	Coffee and Tea Manufacturing	222	289	67	\$65,100	1.23
562991	Septic Tank and Related Services	184	285	101	\$69,946	0.89
333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing	163	281	118	\$55,541	1.00
311919	Other Snack Food Manufacturing	40	281	241	\$53,398	0.67
311511	Fluid Milk Manufacturing	198	270	72	\$80,922	0.55
311352	Confectionery Manufacturing from Purchased Chocolate	186	264	78	\$51,924	0.91
312111	Soft Drink Manufacturing	95	247	152	\$76,039	0.33
311421	Fruit and Vegetable Canning	141	245	104	\$82,879	0.45
423330	Roofing, Siding, and Insulation Material Merchant Wholesalers	100	237	137	\$92,794	0.60
221116	Geothermal Electric Power Generation	156	230	74	\$149,571	21.47
335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing	289	213	(76)	\$158,848	0.76
332911	Industrial Valve Manufacturing	265	213	(52)	\$78,052	0.90
334417	Electronic Connector Manufacturing	48	197	148	\$51,025	0.96
326122	Plastics Pipe and Pipe Fitting Manufacturing	255	196	(59)	\$74,960	0.72
333912	Air and Gas Compressor Manufacturing	61	191	130	\$102,882	1.13

334419	Other Electronic Component Manufacturing	170	186	16	\$55,142	0.33
221310	Water Supply and Irrigation Systems	97	181	84	\$82,178	0.40
562211	Hazardous Waste Treatment and Disposal	142	165	23	\$80,668	0.46
335912	Primary Battery Manufacturing	<10	163	Insf. Data	\$116,858	3.60
312230	Tobacco Manufacturing	<10	160	Insf. Data	\$26,675	1.54
312120	Breweries	21	152	132	\$51,442	0.17
221114	Solar Electric Power Generation	35	142	107	\$172,243	2.50
335311	Power, Distribution, and Specialty Transformer Manufacturing	<10	139	Insf. Data	\$123,669	0.58
325180	Other Basic Inorganic Chemical Manufacturing	235	138	(97)	\$129,617	0.38
311230	Breakfast Cereal Manufacturing	110	137	26	\$94,135	1.22
312140	Distilleries	<10	129	Insf. Data	\$75,332	0.62
311513	Cheese Manufacturing	0	118	118	\$81,557	0.22
541360	Geophysical Surveying and Mapping Services	126	114	(11)	\$74,869	0.85
311111	Dog and Cat Food Manufacturing	43	111	68	\$75,362	0.36
311340	Nonchocolate Confectionery Manufacturing	98	108	10	\$51,172	0.50
311119	Other Animal Food Manufacturing	101	105	4	\$68,244	0.31
311830	Tortilla Manufacturing	54	104	49	\$40,187	0.57
115114	Postharvest Crop Activities (except Cotton Ginning)	94	102	8	\$38,360	0.13
115112	Soil Preparation, Planting, and Cultivating	42	97	55	\$40,117	0.28
334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	82	87	5	\$65,784	0.25
326191	Plastics Plumbing Fixture Manufacturing	68	83	15	\$73,393	0.55
562998	All Other Miscellaneous Waste Management Services	39	78	39	\$68,485	0.38
311999	All Other Miscellaneous Food Manufacturing	55	77	22	\$70,762	0.22
335929	Other Communication and Energy Wire Manufacturing	50	70	19	\$94,510	0.64
311351	Chocolate and Confectionery Manufacturing from Cacao Beans	0	68	68	\$86,201	0.75

311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing	0	64	64	\$74,537	0.37
312113	Ice Manufacturing	66	64	(2)	\$59,194	0.92
332420	Metal Tank (Heavy Gauge) Manufacturing	78	63	(14)	\$65,488	0.20
334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing	69	60	(8)	\$40,473	0.40
325199	All Other Basic Organic Chemical Manufacturing	23	60	37	\$122,560	0.16
333241	Food Product Machinery Manufacturing	10	60	50	\$73,865	0.33
311710	Seafood Product Preparation and Packaging	115	60	(55)	\$47,672	0.19
115116	Farm Management Services	35	57	22	\$32,224	0.28
334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use	<10	55	Insf. Data	\$65,338	0.45
316998	All Other Leather Good and Allied Product Manufacturing	37	54	17	\$38,020	0.48
335122	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing	42	53	11	\$79,998	0.29
332912	Fluid Power Valve and Hose Fitting Manufacturing	64	52	(12)	\$69,154	0.17
562219	Other Nonhazardous Waste Treatment and Disposal	13	51	39	\$72,345	0.29
113310	Logging	15	50	36	\$94,325	0.08
311423	Dried and Dehydrated Food Manufacturing	98	49	(49)	\$61,704	0.42
325314	Fertilizer (Mixing Only) Manufacturing	23	48	24	\$65,254	0.54
221320	Sewage Treatment Facilities	66	47	(19)	\$103,524	0.78
334519	Other Measuring and Controlling Device Manufacturing	62	45	(17)	\$64,398	0.14
311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour	<10	40	Insf. Data	\$36,910	0.21
115310	Support Activities for Forestry	28	40	12	\$35,969	0.19
333996	Fluid Power Pump and Motor Manufacturing	15	39	25	\$87,798	0.24

333994	Industrial Process Furnace and Oven Manufacturing	<10	38	Insf. Data	\$70,403	0.46
312130	Wineries	<10	38	Insf. Data	\$31,084	0.06
311930	Flavoring Syrup and Concentrate Manufacturing	<10	36	Insf. Data	\$110,209	0.48
333111	Farm Machinery and Equipment Manufacturing	<10	34	Insf. Data	\$56,357	0.06
486210	Pipeline Transportation of Natural Gas	38	33	(5)	\$138,511	0.12
114111	Finfish Fishing	99	31	(67)	\$154,476	0.23
311411	Frozen Fruit, Juice, and Vegetable Manufacturing	42	31	(11)	\$59,556	0.11
311613	Rendering and Meat Byproduct Processing	75	30	(45)	\$74,249	0.41
221121	Electric Bulk Power Transmission and Control	0	27	27	\$189,414	0.11
311615	Poultry Processing	0	25	25	\$59,614	0.01
114210	Hunting and Trapping	65	21	(44)	\$18,959	0.34
335931	Current-Carrying Wiring Device Manufacturing	<10	19	Insf. Data	\$72,733	0.07
115113	Crop Harvesting, Primarily by Machine	<10	18	Insf. Data	\$33,552	0.15
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	163	16	(148)	\$69,785	0.02
332919	Other Metal Valve and Pipe Fitting Manufacturing	40	14	(26)	\$61,868	0.10
221115	Wind Electric Power Generation	0	12	12	\$143,437	0.17
325120	Industrial Gas Manufacturing	16	11	(5)	\$151,382	0.06
333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing	131	<10	Insf. Data	Insf. Data	0.03
334514	Totalizing Fluid Meter and Counting Device Manufacturing	38	<10	Insf. Data	Insf. Data	0.01
311911	Roasted Nuts and Peanut Butter Manufacturing	0	<10	Insf. Data	Insf. Data	0.03
311225	Fats and Oils Refining and Blending	0	<10	Insf. Data	Insf. Data	0.02

325320	Pesticide and Other Agricultural Chemical Manufacturing	0	<10	Insf. Data	Insf. Data	0.02
114112	Shellfish Fishing	0	<10	Insf. Data	Insf. Data	0.01
221330	Steam and Air-Conditioning Supply	67	<10	Insf. Data	Insf. Data	0.35
332913	Plumbing Fixture Fitting and Trim Manufacturing	<10	<10	Insf. Data	Insf. Data	0.07
332996	Fabricated Pipe and Pipe Fitting Manufacturing	37	<10	Insf. Data	Insf. Data	0.02
333414	Heating Equipment (except Warm Air Furnaces) Manufacturing	<10	<10	Insf. Data	Insf. Data	0.03
333995	Fluid Power Cylinder and Actuator Manufacturing	<10	<10	Insf. Data	Insf. Data	0.00
311422	Specialty Canning	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
221117	Biomass Electric Power Generation	0	0	0	\$0	0.00
113110	Timber Tract Operations	0	0	0	\$0	0.00
113210	Forest Nurseries and Gathering of Forest Products	0	0	0	\$0	0.00
311611	Animal (except Poultry) Slaughtering	<10	0	Insf. Data	\$0	0.00
221118	Other Electric Power Generation	0	0	0	\$0	0.00
311313	Beet Sugar Manufacturing	0	0	0	\$0	0.00
311314	Cane Sugar Manufacturing	0	0	0	\$0	0.00
311221	Wet Corn Milling	0	0	0	\$0	0.00
311224	Soybean and Other Oilseed Processing	<10	0	Insf. Data	\$0	0.00
114119	Other Marine Fishing	0	0	0	\$0	0.00
211130	Natural Gas Extraction	0	0	0	\$0	0.00
333611	Turbine and Turbine Generator Set Units Manufacturing	47	0	(47)	\$0	0.00
335991	Carbon and Graphite Product Manufacturing	0	0	0	\$0	0.00
311213	Malt Manufacturing	0	0	0	\$0	0.00
311212	Rice Milling	0	0	0	\$0	0.00
311211	Flour Milling	0	0	0	\$0	0.00
325193	Ethyl Alcohol Manufacturing	0	0	0	\$0	0.00

325311	Nitrogenous Fertilizer Manufacturing	<10	0	Insf. Data	\$0	0.00
325312	Phosphatic Fertilizer Manufacturing	<10	0	Insf. Data	\$0	0.00
115111	Cotton Ginning	0	0	0	\$0	0.00
332410	Power Boiler and Heat Exchanger Manufacturing	31	0	(31)	\$0	0.00
221111	Hydroelectric Power Generation	0	0	0	\$0	0.00
		47,400	80,191	32,791	\$94,388	

Data Sources and Calculations

Industry Data

Lightcast industry data have various sources depending on the class of worker. (1) For QCEW Employees, Lightcast 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 Lightcast'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 Lightcast 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