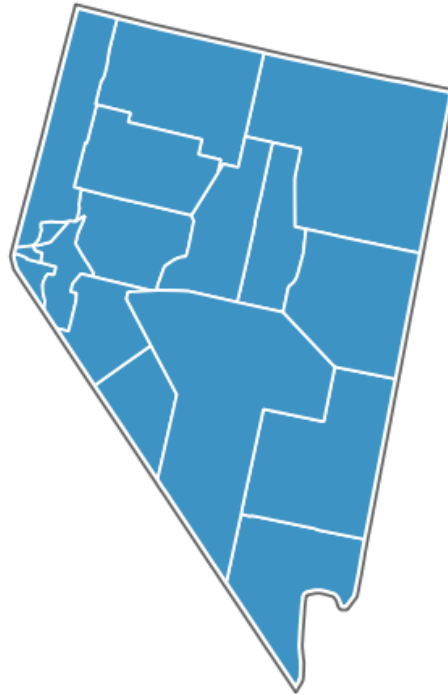


Nevada's Natural Resource Technologies Sector



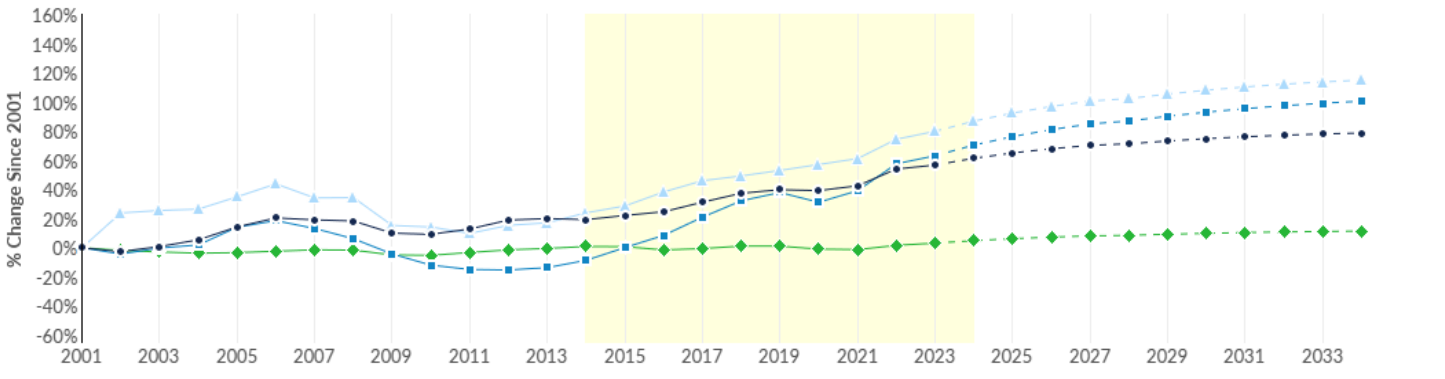
Industry Summary for Natural Resource Technologies

43,488 Jobs (2024) 26% below National average	+36.3% % Change (2014-2024) Nation: +4.5%	\$104,438 Avg. Earnings Per Job (2024) Nation: \$88,842
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Industry Detail

Payrolled Business Locations (2024)	1,425
Jobs Multiplier	4

Regional Trends



Region	2014 Jobs	2024 Jobs	Change	% Change
● Nevada	31,905	43,488	11,584	36.3%
● Las Vegas, NV Metro	8,228	15,528	7,299	88.7%
● Reno, NV Metro	5,606	7,852	2,247	40.1%
● United States	5,659,305	5,911,786	252,481	4.5%

Regional Breakdown of Nevada's Natural Resource Technologies Sector

County	Jobs (2014)	Jobs (2024)	Job Change (2014-2024)	Job Change %	Earnings (2023)	Jobs LQ (2023)
Carson City	438	1,199	761	174%	\$103,554	0.95
Churchill	666	778	112	17%	\$71,322	2.02
Clark	8,228	15,528	7,299	89%	\$91,815	0.36
Douglas	567	666	99	17%	\$73,430	0.84
Elko	2,726	2,772	46	2%	\$115,650	3.38
Esmeralda	249	223	(26)	(10%)	\$103,043	15.53
Eureka	4,093	4,184	91	2%	\$129,555	26.65
Humboldt	2,860	2,606	(254)	(9%)	\$125,755	9.11
Lander	2,168	2,599	432	20%	\$135,475	18.57
Lincoln	92	114	22	23%	\$48,596	2.11
Lyon	1,570	1,677	106	7%	\$94,330	3.11
Mineral	152	66	(86)	(57%)	\$106,478	1.57
Nye	1,658	2,037	379	23%	\$109,242	3.90
Pershing	805	1,020	215	27%	\$111,985	13.78
Storey	329	432	104	32%	\$120,669	0.63
Washoe	3,707	5,743	2,036	55%	\$92,252	0.62
White Pine	1,355	1,786	430	32%	\$120,749	10.39

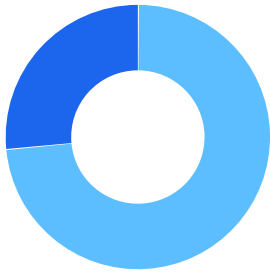
Top Occupations Employed in these Industries

Description	Employed in Industry Group (2023)	% of Total Jobs in Industry Group (2023)
Continuous Mining Machine Operators	2,115	5.0%
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,994	4.7%
Farmers, Ranchers, and Other Agricultural Managers	1,711	4.1%
Operating Engineers and Other Construction Equipment Operators	1,707	4.1%
General and Operations Managers	1,345	3.2%

Industry Requirements (Top Supply Chain)

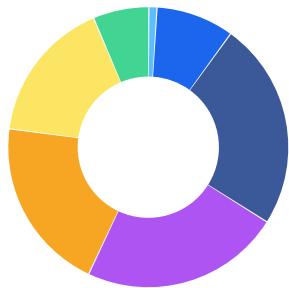
Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Corporate, Subsidiary, and Regional Managing Offices	\$249,137,632	\$361,986,401	\$611,124,034
Petroleum Refineries	\$34,914,360	\$478,738,688	\$513,653,048
Animal Production	\$47,546,694	\$405,886,414	\$453,433,109
Electric Power Distribution	\$217,868,573	\$221,992,861	\$439,861,434
Gold Ore and Silver Ore Mining	\$434,626,629	\$32,994	\$434,659,623

Industry Gender Breakdown



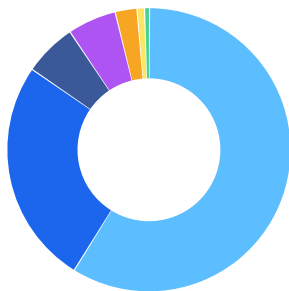
Gender	2024 Jobs	2024 Percent
● Males	31,811	73.1%
● Females	11,677	26.9%

Industry Age Breakdown



Age	2024 Jobs	2024 Percent
● 14-18	406	0.9%
● 19-24	3,389	7.8%
● 25-34	10,205	23.5%
● 35-44	10,504	24.2%
● 45-54	8,853	20.4%
● 55-64	7,273	16.7%
● 65+	2,858	6.6%

Industry Race/Ethnicity Breakdown



Race/Ethnicity	2024 Jobs	2024 Percent
● White	26,409	60.7%
● Hispanic or Latino	11,177	25.7%
● Black or African American	2,378	5.5%
● Asian	1,715	3.9%
● Two or More Races	1,007	2.3%
● American Indian or Alaska Native	586	1.3%
● Native Hawaiian or Other Pacific Islander	217	0.5%

Industry Breakdown of Nevada's Natural Resource Technologies Sector

NAICS	Description	2014 Jobs	2023 Jobs	2014 - 2024 Change	Avg. Earnings Per Job	2023 Location Quotient
111000	Crop Production	1,486	4,302	2,816	\$57,773	0.49
112000	Animal Production	1,540	1,623	83	\$55,969	0.36
113110	Timber Tract Operations	0	0	0	\$0	0.00
113210	Forest Nurseries and Gathering of Forest Products	<10	0	Insf. Data	\$0	0.00
113310	Logging	<10	<10	Insf. Data	Insf. Data	0.01
114111	Finfish Fishing	75	24	(51)	\$110,410	0.19
114112	Shellfish Fishing	<10	<10	Insf. Data	Insf. Data	0.01
114119	Other Marine Fishing	0	0	0	\$0	0.00
114210	Hunting and Trapping	42	21	(21)	\$50,147	0.31
115111	Cotton Ginning	0	0	0	\$0	0.00
115112	Soil Preparation, Planting, and Cultivating	62	73	12	\$62,225	0.21
115113	Crop Harvesting, Primarily by Machine	<10	<10	Insf. Data	Insf. Data	0.06
115114	Postharvest Crop Activities (except Cotton Ginning)	43	55	11	\$48,134	0.06
115115	Farm Labor Contractors and Crew Leaders	482	491	9	\$27,130	0.14
115116	Farm Management Services	32	31	(1)	\$49,551	0.13
115210	Support Activities for Animal Production	162	206	44	\$28,126	0.46
115310	Support Activities for Forestry	30	236	206	\$130,736	0.97
211120	Crude Petroleum Extraction	49	13	(36)	\$91,797	0.02
211130	Natural Gas Extraction	13	0	(13)	\$0	0.00
212114	Surface Coal Mining	0	0	0	\$0	0.00
212115	Underground Coal Mining	0	0	0	\$0	0.00
212210	Iron Ore Mining	<10	0	Insf. Data	\$0	0.00
212220	Gold Ore and Silver Ore Mining	10,602	10,623	22	\$136,530	64.17
212230	Copper, Nickel, Lead, and Zinc Mining	557	895	338	\$124,834	4.53
212290	Other Metal Ore Mining	110	10	(100)	\$109,016	0.21
212311	Dimension Stone Mining and Quarrying	23	23	0	\$107,971	0.28
212312	Crushed and Broken Limestone Mining and Quarrying	101	97	(5)	\$104,132	0.40
212313	Crushed and Broken Granite Mining and Quarrying	<10	<10	Insf. Data	Insf. Data	0.10

212319	Other Crushed and Broken Stone Mining and Quarrying	35	55	20	\$89,516	0.65
212321	Construction Sand and Gravel Mining	374	473	99	\$100,305	1.42
212322	Industrial Sand Mining	116	147	30	\$113,724	1.81
212323	Kaolin, Clay, and Ceramic and Refractory Minerals Mining	84	88	4	\$78,520	1.39
212390	Other Nonmetallic Mineral Mining and Quarrying	809	773	(35)	\$116,349	6.23
213111	Drilling Oil and Gas Wells	54	<10	Insf. Data	Insf. Data	0.01
213112	Support Activities for Oil and Gas Operations	124	102	(22)	\$98,895	0.04
213113	Support Activities for Coal Mining	<10	<10	Insf. Data	Insf. Data	0.01
213114	Support Activities for Metal Mining	1,541	2,378	837	\$118,731	44.10
213115	Support Activities for Nonmetallic Minerals (except Fuels) Mining	32	50	18	\$120,500	1.41
221111	Hydroelectric Power Generation	0	0	0	\$0	0.00
221112	Fossil Fuel Electric Power Generation	612	489	(123)	\$216,202	0.67
221113	Nuclear Electric Power Generation	0	0	0	\$0	0.00
221114	Solar Electric Power Generation	20	433	413	\$125,045	2.67
221115	Wind Electric Power Generation	<10	<10	Insf. Data	Insf. Data	0.09
221116	Geothermal Electric Power Generation	185	311	126	\$161,940	22.14
221117	Biomass Electric Power Generation	0	0	0	\$0	0.00
221118	Other Electric Power Generation	0	0	0	\$0	0.00
221121	Electric Bulk Power Transmission and Control	0	166	166	\$184,038	0.60
221122	Electric Power Distribution	1,695	1,798	103	\$175,065	0.78
221210	Natural Gas Distribution	1,176	1,297	121	\$169,891	1.12
221310	Water Supply and Irrigation Systems	113	222	109	\$99,228	0.41
221320	Sewage Treatment Facilities	<10	48	Insf. Data	\$129,244	0.65
221330	Steam and Air-Conditioning Supply	79	<10	Insf. Data	Insf. Data	0.52
237110	Water and Sewer Line and Related Structures Construction	1,797	3,686	1,889	\$92,325	1.70
311111	Dog and Cat Food Manufacturing	100	163	64	\$79,635	0.42
311119	Other Animal Food Manufacturing	85	60	(25)	\$80,818	0.16

311211	Flour Milling	<10	0	Insf. Data	\$0	0.00
311212	Rice Milling	0	0	0	\$0	0.00
311213	Malt Manufacturing	0	0	0	\$0	0.00
311221	Wet Corn Milling	0	0	0	\$0	0.00
311224	Soybean and Other Oilseed Processing	<10	<10	Insf. Data	Insf. Data	0.06
311225	Fats and Oils Refining and Blending	<10	15	Insf. Data	\$103,934	0.19
311230	Breakfast Cereal Manufacturing	140	215	75	\$106,992	1.67
311313	Beet Sugar Manufacturing	0	0	0	\$0	0.00
311314	Cane Sugar Manufacturing	0	0	0	\$0	0.00
311340	Nonchocolate Confectionery Manufacturing	81	224	143	\$57,786	0.83
311351	Chocolate and Confectionery Manufacturing from Cacao Beans	0	206	206	\$87,644	1.86
311352	Confectionery Manufacturing from Purchased Chocolate	201	223	22	\$49,833	0.68
311411	Frozen Fruit, Juice, and Vegetable Manufacturing	52	64	12	\$70,523	0.21
311412	Frozen Specialty Food Manufacturing	650	504	(145)	\$69,618	0.76
311421	Fruit and Vegetable Canning	155	143	(12)	\$88,833	0.25
311422	Specialty Canning	<10	0	Insf. Data	\$0	0.00
311423	Dried and Dehydrated Food Manufacturing	84	62	(22)	\$84,366	0.47
311511	Fluid Milk Manufacturing	336	272	(64)	\$89,842	0.48
311512	Creamery Butter Manufacturing	0	0	0	\$0	0.00
311513	Cheese Manufacturing	<10	182	Insf. Data	\$89,494	0.29
311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing	<10	71	Insf. Data	\$77,236	0.35
311520	Ice Cream and Frozen Dessert Manufacturing	535	502	(33)	\$78,734	1.89
311611	Animal (except Poultry) Slaughtering	<10	<10	Insf. Data	Insf. Data	0.00
311612	Meat Processed from Carcasses	176	296	120	\$62,392	0.19
311613	Rendering and Meat Byproduct Processing	29	42	14	\$102,362	0.48
311615	Poultry Processing	18	29	11	\$68,669	0.01
311710	Seafood Product Preparation and Packaging	57	39	(17)	\$54,065	0.12

311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour	58	52	(6)	\$41,745	0.23
311830	Tortilla Manufacturing	87	110	24	\$45,252	0.51
311911	Roasted Nuts and Peanut Butter Manufacturing	0	<10	Insf. Data	Insf. Data	0.01
311919	Other Snack Food Manufacturing	11	317	305	\$66,330	0.62
311920	Coffee and Tea Manufacturing	146	277	131	\$71,368	0.94
311930	Flavoring Syrup and Concentrate Manufacturing	26	162	137	\$63,616	1.66
311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing	175	615	440	\$81,299	2.68
311942	Spice and Extract Manufacturing	267	352	85	\$74,931	1.19
311991	Perishable Prepared Food Manufacturing	404	433	29	\$42,218	0.64
311999	All Other Miscellaneous Food Manufacturing	81	95	14	\$79,365	0.21
312111	Soft Drink Manufacturing	76	368	293	\$79,064	0.45
312112	Bottled Water Manufacturing	78	712	634	\$94,181	3.13
312113	Ice Manufacturing	63	33	(30)	\$60,870	0.39
312230	Tobacco Manufacturing	112	25	(87)	\$118,422	0.23
316990	Other Leather and Allied Product Manufacturing	62	43	(18)	\$49,135	0.30
325120	Industrial Gas Manufacturing	12	<10	Insf. Data	Insf. Data	0.02
325180	Other Basic Inorganic Chemical Manufacturing	222	124	(98)	\$139,854	0.30
325193	Ethyl Alcohol Manufacturing	0	0	0	\$0	0.00
325199	All Other Basic Organic Chemical Manufacturing	34	136	102	\$148,749	0.31
325311	Nitrogenous Fertilizer Manufacturing	0	0	0	\$0	0.00
325312	Phosphatic Fertilizer Manufacturing	0	0	0	\$0	0.00
325314	Fertilizer (Mixing Only) Manufacturing	21	22	1	\$75,277	0.29
325315	Compost Manufacturing	<10	13	Insf. Data	\$69,228	1.05
325320	Pesticide and Other Agricultural Chemical Manufacturing	<10	<10	Insf. Data	Insf. Data	0.01
333111	Farm Machinery and Equipment Manufacturing	<10	28	Insf. Data	\$67,759	0.04

333131	Mining Machinery and Equipment Manufacturing	11	0	(11)	\$0	0.00
333241	Food Product Machinery Manufacturing	37	58	21	\$102,791	0.26
333611	Turbine and Turbine Generator Set Units Manufacturing	70	0	(70)	\$0	0.00
333995	Fluid Power Cylinder and Actuator Manufacturing	<10	11	Insf. Data	\$87,702	0.07
333996	Fluid Power Pump and Motor Manufacturing	58	42	(16)	\$88,444	0.22
334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use	98	51	(47)	\$91,330	0.37
334514	Totalizing Fluid Meter and Counting Device Manufacturing	<10	<10	Insf. Data	Insf. Data	0.01
335311	Power, Distribution, and Specialty Transformer Manufacturing	77	188	111	\$103,931	0.58
444240	Nursery, Garden Center, and Farm Supply Retailers	852	1,214	362	\$46,393	0.71
486210	Pipeline Transportation of Natural Gas	65	35	(30)	\$167,529	0.10
541620	Environmental Consulting Services	712	1,059	347	\$104,660	0.89
562219	Other Nonhazardous Waste Treatment and Disposal	54	56	2	\$80,416	0.25
562920	Materials Recovery Facilities	491	1,536	1,045	\$71,098	5.51
813312	Environment, Conservation and Wildlife Organizations	402	705	303	\$61,404	0.85

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