

Nevada's Natural Resource Technologies Sector Overview



Nevada Governor's Office of

ECONOMIC DEVELOPMENT

Nevada Governor's Office of

ECONOMIC DEVELOPMENT

Industry and Workforce Overview of Combining Agriculture, Clean Energy, and Water Technologies

- **Agriculture**
 - 65 Industries
 - 8,620 Workers
 - Annual Earnings: \$42,277
 - Jobs Location Quotient: .29
- **Clean Energy**
 - 59 Industries
 - 26,872 Workers
 - Annual Earnings: \$74,797
 - Jobs Location Quotient: .80
- **Water Technologies**
 - 43 Industries
 - 33,805 Workers
 - Annual Earnings: \$75,175
 - Jobs Location Quotient: .72
- **Natural Resources/Combined**
 - 149 Industries
 - 51,125 Workers
 - Annual Earnings: \$72,439
 - Jobs Location Quotient: .61

Duplicated Industries

- There were 163 industries represented in the three separate sectors
- Eighteen industries and 18,000 jobs were duplicated across the three sectors

Industry Description	2015 Jobs	2014 Establishments	Current Total Earnings
Plumbing, Heating, and Air-Conditioning Contractors	9,775	820	\$60,733
Engineering Services	7,012	657	\$94,096
Site Preparation Contractors	3,383	240	\$52,527
Research and Development in the Physical, Engineering, and Life Sciences	2,326	151	\$115,861
Testing Laboratories	2,032	115	\$66,930
Power and Communication Line and Related Structures Construction	1,975	152	\$73,325
Water and Sewer Line and Related Structures Construction	1,973	136	\$69,443
Electric Power Distribution	1,689	37	\$134,966
Animal Production and Aquaculture	1,448	137	\$30,583
Crop Production	1,243	118	\$38,301
Natural Gas Distribution	1,223	12	\$126,463
Industrial Launderers	1,031	24	\$40,167
Nursery, Garden Center, and Farm Supply Stores	823	61	\$29,910
Instruments and Related Products Manufacturing	798	11	\$96,407
Environmental Consulting Services	764	153	\$75,156
Frozen Specialty Food Manufacturing	740	3	\$35,490
Oil and Gas Pipeline and Related Structures Construction	665	38	\$53,584
Fossil Fuel Electric Power Generation	597	20	\$168,770
Plumbing and Heating Equipment and Supplies Merchant Wholesalers	548	78	\$71,313
Ice Cream and Frozen Dessert Manufacturing	537	3	\$65,827

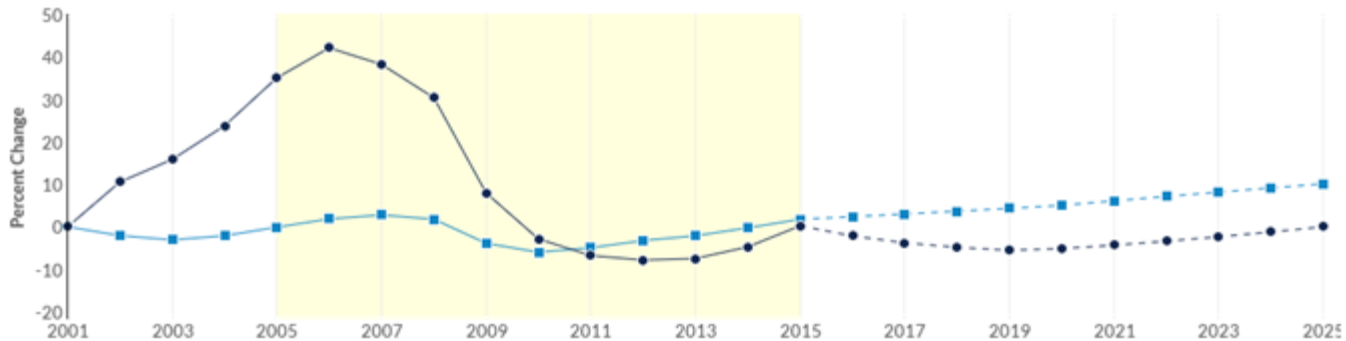
Duplicated Occupations

- There were 163 industries represented in the three separate sectors
- Eighteen industries and 18,000 jobs were duplicated across the three sectors

Top 20 Duplicated Occupations	2015 Jobs	Median Hourly Earnings	Typical Entry Level Education
Plumbers, Pipefitters, and Steamfitters	2,225	\$22.61	High school diploma or equivalent
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,168	\$26.39	Postsecondary non-degree award
Construction Laborers	1,483	\$16.63	Less than high school
Office Clerks, General	786	\$14.60	High school diploma or equivalent
Sheet Metal Workers	752	\$20.66	High school diploma or equivalent
First-Line Supervisors of Construction Trades and Extraction Workers	652	\$29.92	High school diploma or equivalent
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	534	\$13.12	High school diploma or equivalent
Operating Engineers and Other Construction Equipment Operators	493	\$25.72	High school diploma or equivalent
General and Operations Managers	492	\$39.77	Bachelor's degree
Carpenters	482	\$21.94	High school diploma or equivalent
Construction Managers	421	\$32.90	Bachelor's degree
Secretaries and Administrative Assistants	390	\$17.21	High school diploma or equivalent
Bookkeeping, Accounting, and Auditing Clerks	299	\$17.43	High school diploma or equivalent
Cost Estimators	265	\$26.19	Bachelor's degree
Heavy and Tractor-Trailer Truck Drivers	240	\$21.83	Postsecondary non-degree award
Sales Representatives, Services, All Other	207	\$19.53	High school diploma or equivalent
Painters, Construction and Maintenance	199	\$18.92	Less than high school
Welders, Cutters, Solderers, and Brazers	162	\$18.00	High school diploma or equivalent
Helpers--Installation, Maintenance, and Repair Workers	159	\$14.19	High school diploma or equivalent
First-Line Supervisors of Mechanics, Installers, and Repairers	149	\$33.15	High school diploma or equivalent

Natural Resource Technologies Industry and Workforce Overview

51,125 Jobs (2015) 39% below National average	-25.8% % Change (2005-2015) Nation: 1.9%	\$72,439 Avg. Earnings Per Job (2015) Wages and Salaries: \$60,115 Supplements: \$12,324 Nation: \$71,336
Establishments (2014)		3,696
Jobs Multiplier		2.69



	Region	2005 Jobs	2015 Jobs	Change	% Change
●	Nevada	68,910	51,125	-17,785	-25.8%
■	United States	9,534,381	9,712,119	177,738	1.9%

Natural Resource Technologies Industry and Workforce Overview

Top 20 Occupations Employed by these Industries	Employed in Industry Group (2015)	% of Total Jobs in Industry Group (2015)	Median Hourly Earnings	Typical Entry Level Education
Plumbers, Pipefitters, and Steamfitters	2,343	4.6%	\$22.61	High school diploma or equivalent
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,234	4.4%	\$26.39	Postsecondary non-degree award
Construction Laborers	2,142	4.2%	\$16.63	Less than high school
Office Clerks, General	1,699	3.3%	\$14.60	High school diploma or equivalent
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,376	2.7%	\$15.78	Less than high school
General and Operations Managers	1,349	2.6%	\$39.77	Bachelor's degree
Civil Engineers	957	1.9%	\$39.31	Bachelor's degree
First-Line Supervisors of Construction Trades and Extraction Workers	941	1.8%	\$29.92	High school diploma or equivalent
Secretaries and Administrative Assistants	896	1.8%	\$17.21	High school diploma or equivalent
Farmers, Ranchers, and Other Agricultural Managers	798	1.6%	\$18.47	High school diploma or equivalent
Laborers and Freight, Stock, and Material Movers, Hand	794	1.6%	\$12.74	Less than high school
Operating Engineers and Other Construction Equipment Operators	781	1.5%	\$25.72	High school diploma or equivalent
Sheet Metal Workers	768	1.5%	\$20.66	High school diploma or equivalent
Construction Managers	660	1.3%	\$32.90	Bachelor's degree
Bookkeeping, Accounting, and Auditing Clerks	644	1.3%	\$17.43	High school diploma or equivalent
Heavy and Tractor-Trailer Truck Drivers	609	1.2%	\$21.83	Postsecondary non-degree award
Carpenters	595	1.2%	\$21.94	High school diploma or equivalent
Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	553	1.1%	\$13.12	High school diploma or equivalent
Customer Service Representatives	544	1.1%	\$14.48	High school diploma or equivalent
Team Assemblers	537	1.1%	\$11.83	High school diploma or equivalent

Natural Resource Technologies Sector Demographics

Gender	2015 Jobs	2015 Percent	
Males	38,510	75.3%	
Females	12,615	24.7%	
Age			
14-18	466	0.9%	
19-24	3,188	6.2%	
25-34	10,745	21.0%	
35-44	12,001	23.5%	
45-54	13,222	25.9%	
55-64	8,812	17.2%	
65+	2,692	5.3%	
Race/Ethnicity			
White	34,887	68.2%	
Hispanic or Latino	10,701	20.9%	
Black or African American	2,241	4.4%	
Asian	2,189	4.3%	
Two or More Races	584	1.1%	
American Indian or Alaska Native	362	0.7%	
Native Hawaiian or Other Pacific Islander	163	0.3%	

Governors Office of Economic Development

Bob Potts

Research Director

775-687-9907

bpotts@diversifynevada.com