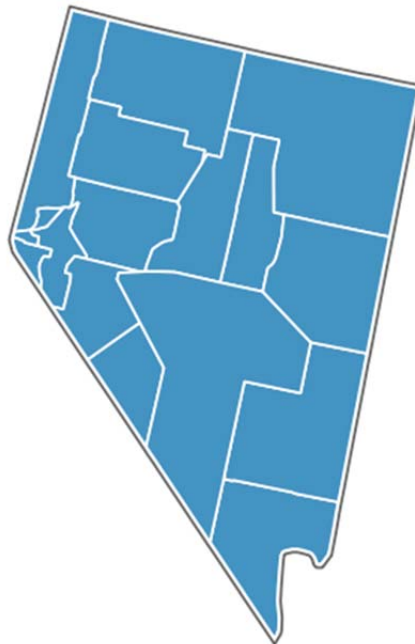


Nevada's Aerospace and Defense Sector



Industry Summary for Aerospace and Defense

13,240 Jobs (2016) 33% below National average	0.2% % Change (2010-2016) Nation: 4.9%	\$95,334 Avg. Earnings Per Job (2016) Nation: \$114,061
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Industry Detail

Establishments (2015)	992
Jobs Multiplier	2.04

Regional Trends



Region	2010 Jobs	2016 Jobs	Change	% Change
● Nevada	13,214	13,240	26	0.2%
● United States	2,173,283	2,279,927	106,644	4.9%

Regional Breakdown of Nevada's Aerospace and Defense Sector

County Name	2010 Jobs	2016 Jobs	2010 - 2016 Change	Current Total Earnings	2016 Location Quotient	2015 Establishments
Clark County	8,255	8,608	353	\$94,102	0.59	578
Washoe County	1,832	1,876	44	\$102,927	0.58	253
Nye County	1,160	1,005	(155)	\$118,463	5.67	11
Carson City	928	676	(252)	\$78,533	1.58	35
Churchill County	629	514	(115)	\$92,440	3.83	22
Douglas County	223	207	(16)	\$80,988	0.68	43
Storey County	52	125	73	\$60,368	1.41	5
Elko County	90	124	34	\$77,500	0.37	28
Lyon County	28	93	65	\$50,261	0.48	12
Esmeralda County	<10	<10	Insf. Data	Insf. Data	0.08	0
Lincoln County	<10	<10	Insf. Data	Insf. Data	0.03	1
Humboldt County	<10	<10	Insf. Data	Insf. Data	0.04	2
Lander County	<10	<10	Insf. Data	Insf. Data	0.02	1
White Pine County	<10	<10	Insf. Data	Insf. Data	0.04	1
Eureka County	0	<10	Insf. Data	Insf. Data	0.04	2
Mineral County	<10	0	Insf. Data	\$0	0.00	0
Pershing County	<10	0	Insf. Data	\$0	0.01	0
	13,214	13,240	26	\$95,334		992

Industry Breakdown of Nevada's Aerospace and Defense Sector

Description	2010 Jobs	2016 Jobs	2010 - 2016 Change	Current Total Earnings	2016 Location Quotient
Engineering Services	6,786	6,972	186	\$94,189	0.81
Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)	3,088	2,358	(730)	\$120,809	0.59
Other Support Activities for Air Transportation Bolt, Nut, Screw, Rivet, and Washer Manufacturing	1,916	2,267	351	\$86,115	2.33
Aircraft Engine and Engine Parts Manufacturing	497	259	(238)	\$87,002	0.37
Small Arms, Ordnance, and Ordnance Accessories Manufacturing	95	174	79	\$56,993	1.04
Flight Training	96	164	68	\$101,253	1.13
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing	11	155	144	\$131,206	0.14
Other Aircraft Parts and Auxiliary Equipment Manufacturing	123	134	11	\$59,045	0.14
Small Arms Ammunition Manufacturing	17	56	39	\$47,556	0.57
Guided Missile and Space Vehicle Manufacturing	23	22	(1)	\$133,367	0.04
Aircraft Manufacturing	44	15	(29)	\$40,868	0.01
Ammunition (except Small Arms) Manufacturing	0	0	0	\$0	0.00
Military Armored Vehicle, Tank, and Tank Component Manufacturing	0	0	0	\$0	0.00
Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing	0	0	0	\$0	0.00
Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing	0	0	0	\$0	0.00
Explosives Manufacturing	<u>0</u>	<u>0</u>	<u>0</u>	<u>\$0</u>	<u>0.00</u>
	13,214	13,240	26	\$95,334	

Top Occupations Employed by these Industries

Description	Employed in Industry Group (2016)	% of Total Jobs in Industry Group (2016)
Civil Engineers	854	6.5%
Aircraft Mechanics and Service Technicians	502	3.8%
Office Clerks, General	400	3.0%
General and Operations Managers	378	2.9%
Architectural and Engineering Managers	299	2.3%

Industry Requirements (Lead Supply Chain)

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Engineering Services	\$37,809,885	\$21,865,667	\$59,675,553
Corporate, Subsidiary, and Regional Managing Offices	\$21,592,252	\$27,878,221	\$49,470,473
Administrative Management and General Management Consulting Services	\$17,699,104	\$29,742,035	\$47,441,139
Offices of Lawyers	\$21,113,516	\$16,938,028	\$38,051,544
Temporary Help Services	\$21,133,460	\$16,417,430	\$37,550,891

Industry Gender Breakdown



	Gender	2016 Jobs	2016 Percent
•	Males	9,718	73.4%
•	Females	3,522	26.6%

Industry Age Breakdown



	Age	2016 Jobs	2016 Percent
•	14-18	45	0.3%
•	19-24	765	5.8%
•	25-34	2,692	20.3%
•	35-44	2,747	20.7%
•	45-54	3,558	26.9%
•	55-64	2,646	20.0%
•	65+	787	5.9%

Industry Race/Ethnicity Breakdown



	Race/Ethnicity	2016 Jobs	2016 Percent	
●	White	9,440	71.3%	<div style="width: 71.3%;"></div>
●	Hispanic or Latino	1,719	13.0%	<div style="width: 13.0%;"></div>
●	Asian	871	6.6%	<div style="width: 6.6%;"></div>
●	Black or African American	864	6.5%	<div style="width: 6.5%;"></div>
●	Two or More Races	193	1.5%	<div style="width: 1.5%;"></div>
●	American Indian or Alaska Native	80	0.6%	<div style="width: 0.6%;"></div>
●	Native Hawaiian or Other Pacific Islander	73	0.5%	<div style="width: 0.5%;"></div>

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 and Current Employment Statistics. (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, Information Development and Processing Division, Research and Analysis Bureau