

Economy Overview

Southwest Sub-Area

(San Juan, Dolores, Montezuma, La Plata and Archuleta Counties)

Emsi Q4 2016 Data Set

December 2016

Colorado Workforce Centers



Durango Workforce Center
331 S. Camino Del Rio, #C
Durango, Colorado 80303
970.247.0308

Parameters

Regions

Code	Description
8007	Archuleta County, CO
8033	Dolores County, CO
8067	La Plata County, CO
8083	Montezuma County, CO
8111	San Juan County, CO

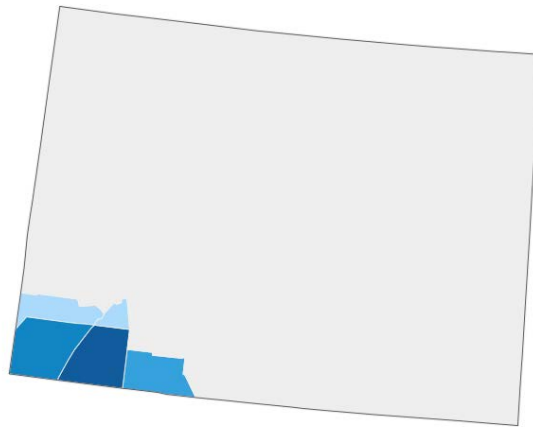
Timeframe

2006 - 2016

Datarun

2016.4 – QCEW Employees, Non-QCEW Employees, and Self-Employed



















Economy Overview



Population (2016)	96,579
Jobs (2016)	44,764
Average Earnings (2016)	\$46,127
Unemployed (8/2016)	1,736
Completions (2015)	667
GRP (2015)	\$3,947,524,596
Exports (2015)	\$5,297,813,379
Imports (2015)	\$5,733,015,930

Population

96,579 2016 Population 1.7% of State	5.0% Population Growth for the Last 5 Years State Growth 8.0%
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Age Group	2016 Population	% of Population	
Under 5 years	5,183	5.4%	
5 to 9 years	5,444	5.6%	
10 to 14 years	5,514	5.7%	
15 to 19 years	5,794	6.0%	
20 to 24 years	5,621	5.8%	
25 to 29 years	5,851	6.1%	
30 to 34 years	6,288	6.5%	
35 to 39 years	5,783	6.0%	
40 to 44 years	5,650	5.8%	
45 to 49 years	5,593	5.8%	
50 to 54 years	6,449	6.7%	
55 to 59 years	7,735	8.0%	
60 to 64 years	8,029	8.3%	
65 to 69 years	6,965	7.2%	
70 to 74 years	4,566	4.7%	
75 to 79 years	2,697	2.8%	
80 to 84 years	1,710	1.8%	
85 years and over	1,708	1.8%	

Jobs by Industry






















44,764 Total Jobs (2016)		51.9% Male (National: 51.5%)		48.1% Female (National: 48.5%)	
NAICS	Industry	2016 Jobs			
11	Crop and Animal Production	377			
21	Mining, Quarrying, and Oil and Gas Extraction	678			
22	Utilities	242			
23	Construction	4,283			
31	Manufacturing	1,331			
42	Wholesale Trade	869			
44	Retail Trade	5,691			
48	Transportation and Warehousing	813			
51	Information	579			
52	Finance and Insurance	1,266			
53	Real Estate and Rental and Leasing	1,159			
54	Professional, Scientific, and Technical Services	1,999			
55	Management of Companies and Enterprises	107			
56	Administrative and Support and Waste Management and Remediation Services	1,497			
61	Educational Services	478			
62	Health Care and Social Assistance	5,574			
71	Arts, Entertainment, and Recreation	997			
72	Accommodation and Food Services	5,390			
81	Other Services (except Public Administration)	1,905			
90	Government	9,528			
99	Unclassified Industry	<10			

Average Earnings by Industry

\$46,127

Avg. Earnings (2016)




















75% of Nation Avg.

NAICS	Industry	Avg. Earnings (2016)	
11	Crop and Animal Production	\$25,605	
21	Mining, Quarrying, and Oil and Gas Extraction	\$108,797	
22	Utilities	\$98,844	
23	Construction	\$51,003	
31	Manufacturing	\$45,755	
42	Wholesale Trade	\$59,858	
44	Retail Trade	\$32,638	
48	Transportation and Warehousing	\$59,617	
51	Information	\$70,564	
52	Finance and Insurance	\$86,971	
53	Real Estate and Rental and Leasing	\$42,074	
54	Professional, Scientific, and Technical Services	\$59,640	
55	Management of Companies and Enterprises	\$122,967	
56	Administrative and Support and Waste Management and Remediation Services	\$31,792	
61	Educational Services	\$35,661	
62	Health Care and Social Assistance	\$51,041	
71	Arts, Entertainment, and Recreation	\$23,265	
72	Accommodation and Food Services	\$20,660	
81	Other Services (except Public Administration)	\$25,220	
90	Government	\$55,410	
99	Unclassified Industry	\$98,540	

Unemployment by Industry

1,736

Total Unemployment (8/2016)

NAICS	Industry	Unemployed (8/2016)	% of Regional Unemployment	
11	Crop and Animal Production	3	0%	
21	Mining, Quarrying, and Oil and Gas Extraction	90	5%	
22	Utilities	10	1%	
23	Construction	128	7%	
31	Manufacturing	59	3%	
42	Wholesale Trade	24	1%	
44	Retail Trade	262	15%	
48	Transportation and Warehousing	39	2%	
51	Information	16	1%	
52	Finance and Insurance	41	2%	
53	Real Estate and Rental and Leasing	40	2%	
54	Professional, Scientific, and Technical Services	53	3%	
55	Management of Companies and Enterprises	1	0%	
56	Administrative and Support and Waste Management and Remediation Services	42	2%	
61	Educational Services	33	2%	
62	Health Care and Social Assistance	142	8%	
71	Arts, Entertainment, and Recreation	29	2%	
72	Accommodation and Food Services	200	12%	
81	Other Services (except Public Administration)	51	3%	
90	Government	192	11%	
99	No Previous Work Experience/Unspecified	280	16%	















NAICS	Industry	Unemployed (8/2016)	% of Regional Unemployment
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Top Program Completions

CIP	Program	Completions (2015)	
52	Business, management, marketing, and related support services	128	
45	Social sciences	90	
31	Parks, recreation, leisure, and fitness studies	59	
26	Biological and biomedical sciences	54	
40	Physical sciences	53	
42	Psychology	50	
50	Visual and performing arts	48	
03	Natural resources and conservation	35	
23	English language and literature/letters	31	
24	Liberal arts and sciences, general studies and humanities	25	

Gross Regional Product (GRP)

\$2,562,781,048	\$1,133,009,859	\$251,733,688	\$3,947,524,596
Earnings (2015)	Property Income (2015)	Taxes on Production (2015)	Total GRP (2015)

NAICS	Industry	GRP (2015)	% of Total
11	Crop and Animal Production	\$117,704,114.76	3% 
21	Mining, Quarrying, and Oil and Gas Extraction	\$470,429,016.58	12% 
22	Utilities	\$72,690,926.11	2% 
23	Construction	\$344,982,605.07	9% 
31	Manufacturing	\$127,556,262.18	3% 
42	Wholesale Trade	\$108,950,800.79	3% 
44	Retail Trade	\$270,948,837.77	7% 
48	Transportation and Warehousing	\$75,137,470.84	2% 
51	Information	\$89,771,212.91	2% 
52	Finance and Insurance	\$230,334,426.53	6% 
53	Real Estate and Rental and Leasing	\$155,883,877.51	4% 
54	Professional, Scientific, and Technical Services	\$182,006,296.96	5% 
55	Management of Companies and Enterprises	\$15,119,461.10	0% 
56	Administrative and Support and Waste Management and Remediation Services	\$71,386,707.35	2% 

NAICS	Industry	GRP (2015)	% of Total
61	Educational Services	\$19,858,263.87	1% 
62	Health Care and Social Assistance	\$316,248,634.05	8% 
71	Arts, Entertainment, and Recreation	\$45,301,332.66	1% 
72	Accommodation and Food Services	\$172,632,412.76	4% 
81	Other Services (except Public Administration)	\$69,709,986.24	2% 
90	Government	\$597,862,888.92	15% 
	Other Non-Industries	\$393,009,060.63	10% 

Region Exports

\$5,297,813,379




















Exports (2015)

67% of Supply

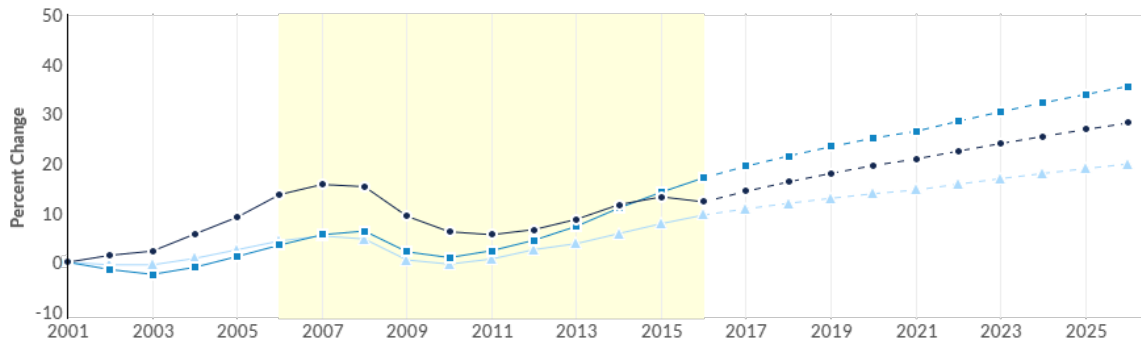
NAICS	Industry	Exports (2015)
11	Crop and Animal Production	\$325,729,620
21	Mining, Quarrying, and Oil and Gas Extraction	\$727,961,313
22	Utilities	\$70,759,020
23	Construction	\$378,463,508
31	Manufacturing	\$303,522,988
42	Wholesale Trade	\$106,736,048
44	Retail Trade	\$198,013,951
48	Transportation and Warehousing	\$113,103,525
51	Information	\$100,268,465
52	Finance and Insurance	\$224,398,758
53	Real Estate and Rental and Leasing	\$165,384,848
54	Professional, Scientific, and Technical Services	\$114,559,449
55	Management of Companies and Enterprises	\$12,799,430
56	Administrative and Support and Waste Management and Remediation Services	\$47,358,596
61	Educational Services	\$18,814,112
62	Health Care and Social Assistance	\$203,211,200
71	Arts, Entertainment, and Recreation	\$62,656,903
72	Accommodation and Food Services	\$158,169,158
81	Other Services (except Public Administration)	\$48,568,274
90	Government	\$1,917,334,213

Region Imports

\$5,733,015,930 Imports (2015) 67% of Demand	\$2,797,297,203 Locally Produced & Consumed (2015) 33% of Demand
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NAICS	Industry	Imports (2015)
11	Crop and Animal Production	\$100,788,975 
21	Mining, Quarrying, and Oil and Gas Extraction	\$102,651,079 
22	Utilities	\$58,784,509 
23	Construction	\$224,454,030 
31	Manufacturing	\$1,185,144,287 
42	Wholesale Trade	\$291,679,267 
44	Retail Trade	\$144,925,599 
48	Transportation and Warehousing	\$172,374,554 
51	Information	\$240,845,661 
52	Finance and Insurance	\$319,939,449 
53	Real Estate and Rental and Leasing	\$142,788,426 
54	Professional, Scientific, and Technical Services	\$284,492,125 
55	Management of Companies and Enterprises	\$112,328,547 
56	Administrative and Support and Waste Management and Remediation Services	\$104,519,044 
61	Educational Services	\$67,911,605 
62	Health Care and Social Assistance	\$199,344,729 
71	Arts, Entertainment, and Recreation	\$46,266,578 
72	Accommodation and Food Services	\$35,534,865 
81	Other Services (except Public Administration)	\$56,486,362 
90	Government	\$1,841,756,239 

Regional Trends







	Region	2006 Jobs	2016 Jobs	Change	% Change
●	Region	45,353	44,764	-589	-1.3%
■	State	2,568,847	2,906,063	337,216	13.1%
▲	Nation	150,944,871	158,524,651	7,579,780	5.0%

Growing & Declining Occupations








Occupation	Change in Jobs (2006-2016)	
Personal Care Aides	308	
Combined Food Preparation and Serving Workers, Including Fast Food	160	
Registered Nurses	132	
First-Line Supervisors of Construction Trades and Extraction Workers	-165	
Construction Managers	-168	
Carpenters	-363	

Growing & Declining Industries

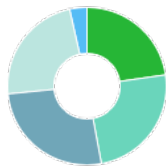
Industry	Change in Jobs (2006-2016)	
Oil and Gas Pipeline and Related Structures Construction	399	
General Medical and Surgical Hospitals	315	
Limited-Service Restaurants	278	
Site Preparation Contractors	-292	
Full-Service Restaurants	-337	
New Single-Family Housing Construction (except For-Sale Builders)	-387	






2016 Educational Attainment



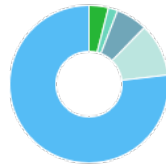
	Education Level	2016 Population	2016 Percent
●	Less Than 9th Grade	2,107	3.1% 
●	9th Grade to 12th Grade	3,483	5.0% 
●	High School Diploma	16,798	24.3% 
●	Some College	16,136	23.4% 
●	Associate's Degree	5,242	7.6% 
●	Bachelor's Degree	16,235	23.5% 
●	Graduate Degree and Higher	9,021	13.1% 

2016 Age Cohort Demographics



	Age Cohort	2016 Population	2016 Percent
●	Under 20 years	21,934	22.7% 
●	20 to 39 years	23,543	24.4% 
●	40 to 59 years	25,426	26.3% 
●	60 to 79 years	22,257	23.0% 
●	80 years and over	3,419	3.5% 

2016 Race/Ethnicity Demographics



	Race/Ethnicity	2016 Population	2016 Percent
●	All Other Race/Ethnicities	3,821	4.0% ■
●	Two or More Races, Non-Hispanic	1,846	1.9% ■
●	American Indian or Alaskan Native, Non-Hispanic	6,202	6.4% ■
●	White, Hispanic	10,482	10.9% ■
●	White, Non-Hispanic	74,227	76.9% ■

Top Regional Businesses

Business Name	Business Size
Ute Mountain Executive	Large (250+)
Mercy Regional Medical Ctr	Large (250+)
Durango School District 9-r	Large (250+)
Southern Ute Tribal Affairs	Large (250+)
La Plata County Information	Large (250+)

Appendix A - Data Sources and Calculations

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.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Demographic Data

The demographic data in this report is compiled from several sources using a specialized process. Sources include annual population estimates and population projections from the US Census Bureau, birth and mortality rates from the US Health Department, and projected regional job growth.

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.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Unemployment Data

The unemployment data in this report comes from the Bureau of Labor Statistics' Local Area Unemployment Statistics and is updated every two months.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

Educational Attainment Data

Emsi's educational attainment numbers are based on Emsi's demographic data and the American Community Survey. By combining these sources, Emsi interpolates for missing years and projects data at the county level. Educational attainment data cover only the population aged 25 years or more and indicate the highest level achieved.

Infogroup Business-Level Data

Data for individual businesses is provided by Infogroup, which maintains a database of more than 16 million U.S. business entities. Note that in aggregate it will not be consistent with Emsi labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

State Data Sources

This report uses state data from the following agencies: Colorado Department of Labor and Employment