

6 county aggregate impact report

Emsi Q2 2017 Data Set

May 2017

Emsi












Moscow, Idaho 83843

























Aggregate Changes

<p>\$-117,212,964</p> <p>Change in Earnings</p> <p>1.56 Multiplier</p>	<p>-1,586</p> <p>Change in Jobs</p> <p>2.42 Multiplier</p>	<p>\$-53,051,723</p> <p>Change in Taxes on Production and Imports (TPI)</p>
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Scenario Results - Industry

NAICS	Industry	Change in Jobs
11	Crop and Animal Production	-2
21	Mining, Quarrying, and Oil and Gas Extraction	-431 
22	Utilities	-294 
23	Construction	-77 
31	Manufacturing	-13
42	Wholesale Trade	-27 
44	Retail Trade	-101 
48	Transportation and Warehousing	-30 
51	Information	-6
52	Finance and Insurance	-33 
53	Real Estate and Rental and Leasing	-36 
54	Professional, Scientific, and Technical Services	-52 
55	Management of Companies and Enterprises	-9
56	Administrative and Support and Waste Management and Remediation Services	-33 
61	Educational Services	-13
62	Health Care and Social Assistance	-104 
71	Arts, Entertainment, and Recreation	-14
72	Accommodation and Food Services	-80 
81	Other Services (except Public Administration)	-44 
90	Government	-187 

Scenario Results - Occupation

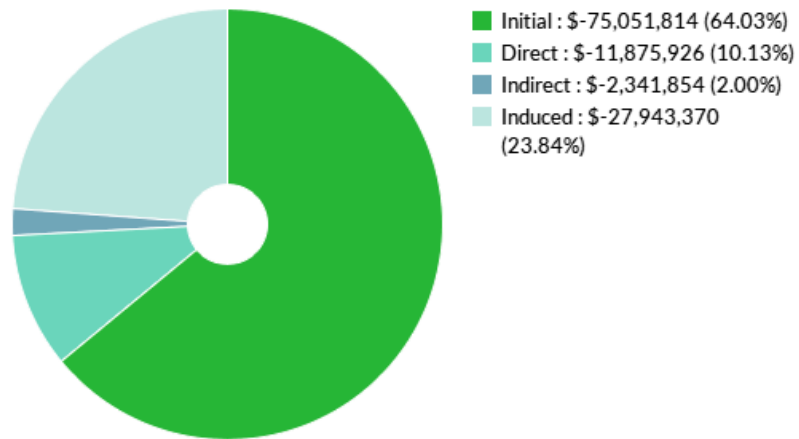
SOC	Occupation	Change in Jobs	
11-0000	Management Occupations	-102	
13-0000	Business and Financial Operations Occupations	-66	
15-0000	Computer and Mathematical Occupations	-18	
17-0000	Architecture and Engineering Occupations	-33	
19-0000	Life, Physical, and Social Science Occupations	-11	
21-0000	Community and Social Service Occupations	-17	
23-0000	Legal Occupations	-6	
25-0000	Education, Training, and Library Occupations	-59	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	-26	
29-0000	Healthcare Practitioners and Technical Occupations	-43	
31-0000	Healthcare Support Occupations	-20	
33-0000	Protective Service Occupations	-34	
35-0000	Food Preparation and Serving Related Occupations	-75	
37-0000	Building and Grounds Cleaning and Maintenance Occupations	-40	
39-0000	Personal Care and Service Occupations	-49	
41-0000	Sales and Related Occupations	-112	
43-0000	Office and Administrative Support Occupations	-178	
45-0000	Farming, Fishing, and Forestry Occupations	-2	
47-0000	Construction and Extraction Occupations	-299	
49-0000	Installation, Maintenance, and Repair Occupations	-173	
51-0000	Production Occupations	-102	
53-0000	Transportation and Material Moving Occupations	-121	
55-0000	Military occupations	0	
99-0000	Unclassified Occupation	-2	

Scenario Results - Demographics

Demographics	Change in Jobs
Female 14-18	-8 
Male 14-18	-6 
Female 19-21	-17 
Male 19-21	-24 
Female 22-24	-25 
Male 22-24	-43 
Female 25-34	-97 
Male 25-34	-233 
Female 35-44	-108 
Male 35-44	-231 
Female 45-54	-124 
Male 45-54	-251 
Female 55-64	-98 
Male 55-64	-243 
Female 65-99	-28 
Male 65-99	-52 

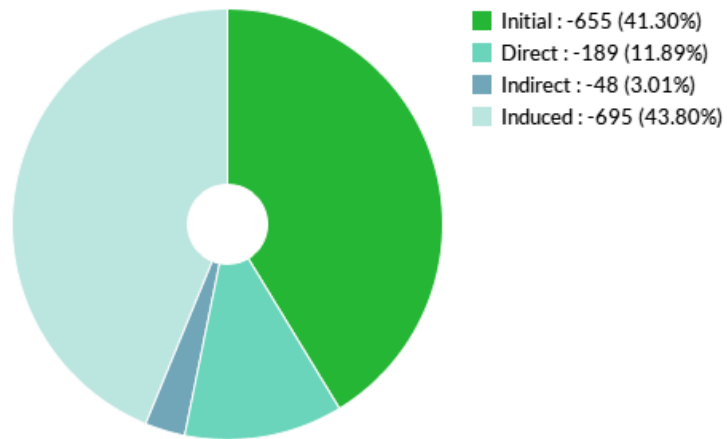
Aggregate Effect on Earnings

\$-75,051,814 Initial 1.00 Multiplier	\$-11,875,926 Direct 0.16 Multiplier	\$-2,341,854 Indirect 0.03 Multiplier	\$-27,943,370 Induced 0.37 Multiplier
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Aggregate Effect on Jobs

<p>-655 Initial 1.00 Multiplier</p>	<p>-189 Direct 0.29 Multiplier</p>	<p>-48 Indirect 0.07 Multiplier</p>	<p>-695 Induced 1.06 Multiplier</p>
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Aggregate Effect on Taxes on Production and Imports

<p>\$-24,011,489 Local</p>	<p>\$-20,855,790 State</p>	<p>\$-8,184,444 Federal</p>
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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.

State Data Sources

This report uses state data from the following agencies: Arizona Department of Administration, Office of Employment and Population Statistics; Colorado Department of Labor and Employment; New Mexico Department of Labor, Bureau of Economic Research and Analysis; Utah Department of Workforce Services