

Nevada Governor's Office of
ECONOMIC DEVELOPMENT

Empowering Success

Economic Impact of WaterStart on Clark County: 2015-2018



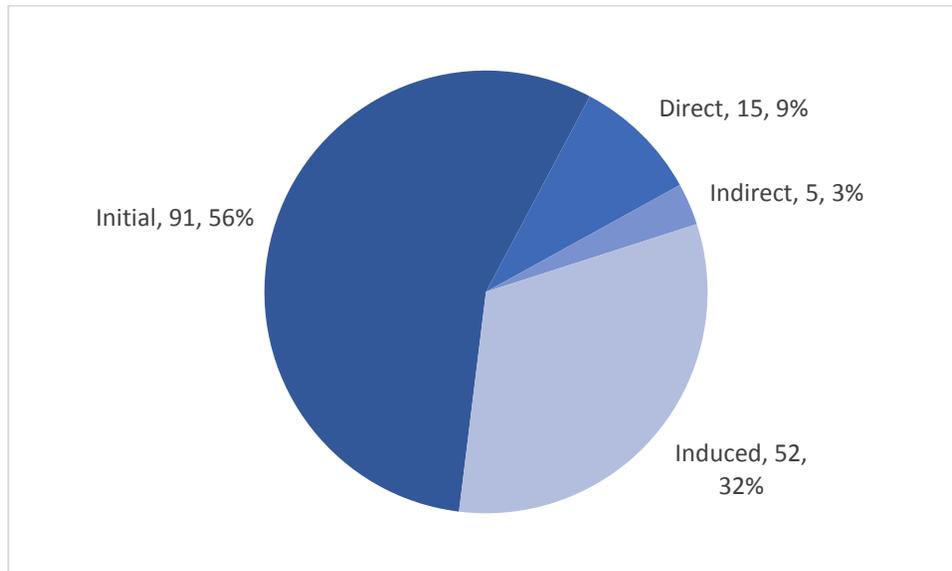
February 13, 2019

Aggregate Changes

163 Change in Jobs 1.79 Multiplier	\$8,296,314 Change in Earnings 1.74 Multiplier	\$21,976,874 Change in Output 1.72 Multiplier
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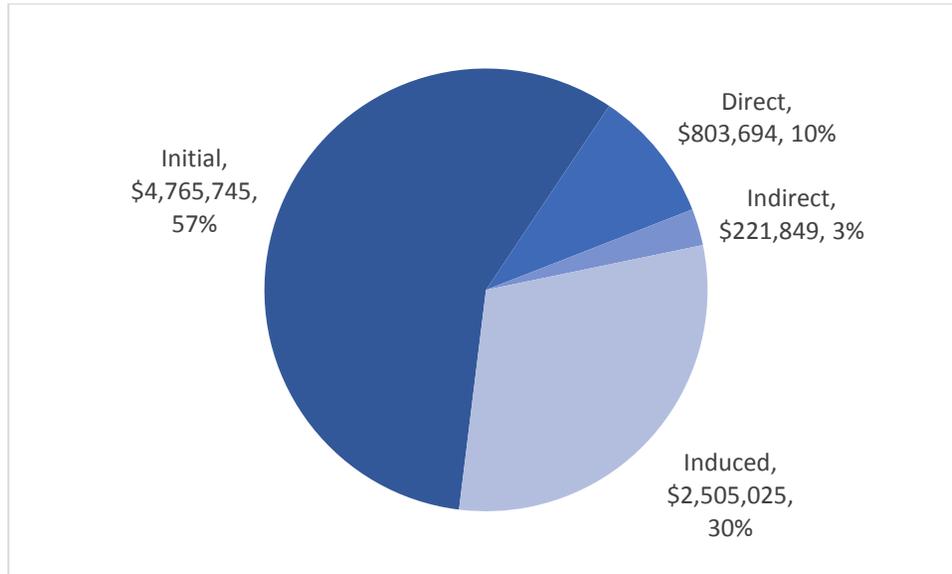
Aggregate Effect on Jobs

91 Initial 1.00 Multiplier	15 Direct 0.16 Multiplier	5 Indirect 0.05 Multiplier	52 Induced 0.57 Multiplier
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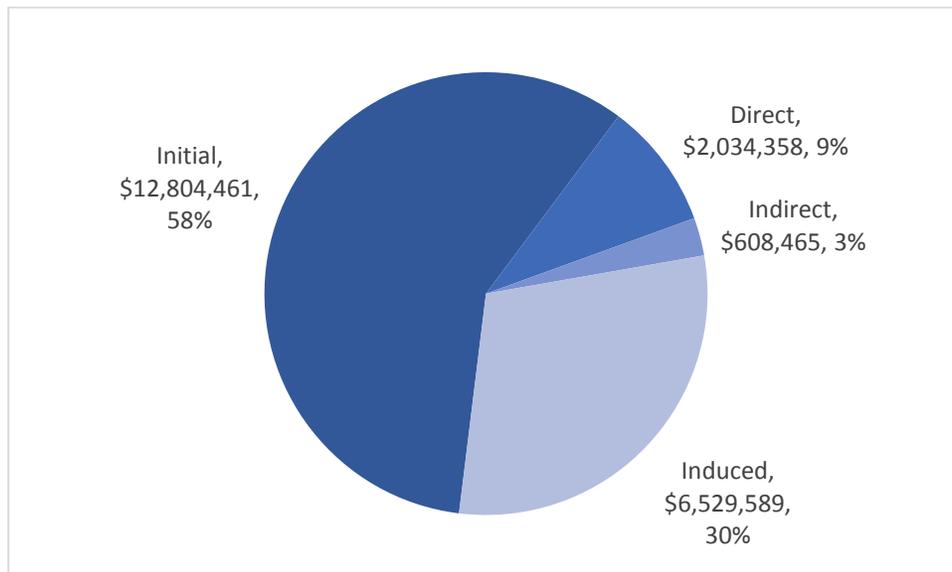
Aggregate Effect on Earnings

\$4.8M Initial 1.00 Multiplier	\$803,694 Direct 0.17 Multiplier	\$221,849 Indirect 0.05 Multiplier	\$2.5M Induced 0.53 Multiplier
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Aggregate Effect on Output

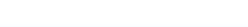
\$12.8M Initial 1.00 Multiplier	\$2.0M Direct 0.17 Multiplier	\$608,465 Indirect 0.05 Multiplier	\$6.5M Induced 0.53 Multiplier
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Scenario Results - Industry

NAICS	Industry	Change in Jobs
11	Agriculture, Forestry, Fishing and Hunting	0
21	Mining, Quarrying, and Oil and Gas Extraction	0
22	Utilities	12 
23	Construction	3 
31	Manufacturing	39 
42	Wholesale Trade	2 
44	Retail Trade	9 
48	Transportation and Warehousing	4 
51	Information	4 
52	Finance and Insurance	4 
53	Real Estate and Rental and Leasing	5 
54	Professional, Scientific, and Technical Services	24 
55	Management of Companies and Enterprises	2 
56	Administrative and Support and Waste Management and Remediation Services	7 
61	Educational Services	1 
62	Health Care and Social Assistance	9 
71	Arts, Entertainment, and Recreation	2 
72	Accommodation and Food Services	7 
81	Other Services (except Public Administration)	28 
90	Government	3 

Scenario Results – Occupation

SOC	Occupation	Change in Jobs
11-0000	Management Occupations	15 
13-0000	Business and Financial Operations Occupations	9 
15-0000	Computer and Mathematical Occupations	5 
17-0000	Architecture and Engineering Occupations	11 
19-0000	Life, Physical, and Social Science Occupations	1 
21-0000	Community and Social Service Occupations	1 
23-0000	Legal Occupations	1 
25-0000	Education, Training, and Library Occupations	2 
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	6 
29-0000	Healthcare Practitioners and Technical Occupations	4 
31-0000	Healthcare Support Occupations	2 
33-0000	Protective Service Occupations	1 
35-0000	Food Preparation and Serving Related Occupations	7 
37-0000	Building and Grounds Cleaning and Maintenance Occupations	4 
39-0000	Personal Care and Service Occupations	4 
41-0000	Sales and Related Occupations	18 
43-0000	Office and Administrative Support Occupations	22 
45-0000	Farming, Fishing, and Forestry Occupations	0 
47-0000	Construction and Extraction Occupations	4 
49-0000	Installation, Maintenance, and Repair Occupations	17 
51-0000	Production Occupations	19 
53-0000	Transportation and Material Moving Occupations	10 
55-0000	Military-only occupations	0 
99-0000	Unclassified Occupation	1 

Scenario Results - Demographics

Demographics	Change in Jobs
Female 14-18	1 
Male 14-18	1 
Female 19-21	2 
Male 19-21	4 
Female 22-24	3 
Male 22-24	5 
Female 25-34	12 
Male 25-34	19 
Female 35-44	11 
Male 35-44	20 
Female 45-54	13 
Male 45-54	26 
Female 55-64	10 
Male 55-64	22 
Female 65-99	4 
Male 65-99	11 

Parameters

Regions

Code	Description
29820	Las Vegas-Henderson-Paradise, NV

Industry Scenario

Code	Description	Change Type	Change Value
221310	Water Supply and Irrigation Systems	Jobs	12
333318	Other Commercial and Service Industry Machinery Manufacturing	Jobs	37
511210	Software Publishers	Jobs	2
518210	Data Processing, Hosting, and Related Services	Jobs	1
541330	Engineering Services	Jobs	1
541340	Drafting Services	Jobs	2
541360	Geophysical Surveying and Mapping Services	Jobs	10
541620	Environmental Consulting Services	Jobs	4
541990	All Other Professional, Scientific, and Technical Services	Jobs	1
811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	Jobs	23

Input-Output Year

2018

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: Nevada Department of Employment, Training and Rehabilitation, Information Development and Processing Division, Research and Analysis Bureau