The National-Level Economic Impact of the Manufacturing Extension Partnership (MEP)

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National Institute of
Standards and Technology
U.S. Department of Commerce

March 3, 2017

















MEP Economic Impact Analysis

APPENDIX TO TECHNICAL REPORT

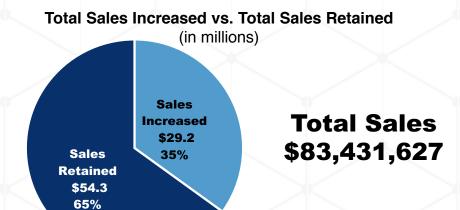
State-Based Summary of Survey Responses

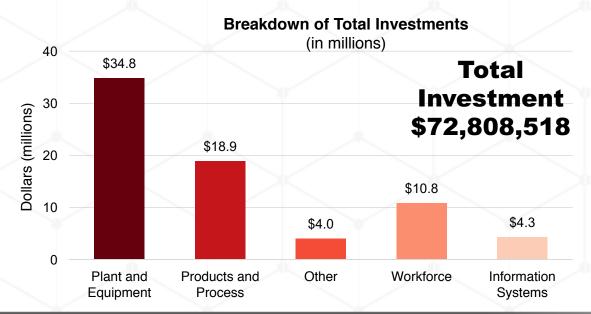
As a means to better understand the effect that the MEP Centers have on the economy, the centers administer a common survey to their clients on how the companies have benefited through increased sales, employment, and investment as well as reduced production costs.

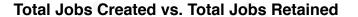
When the survey was administered in federal fiscal 2016, slightly more than 6,500 companies responded. Their responses were aggregated and used as inputs into the Regional Economic Models, Inc. (REMI) economic impact model to estimate the impacts from the collective centers on the U.S. economy.

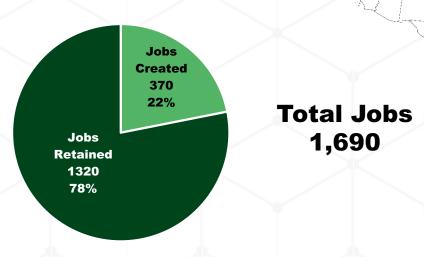
This Appendix contains the state-by-state summaries of survey responses to the MEP Centers.

Alabama

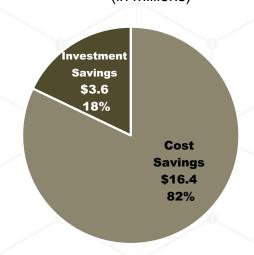






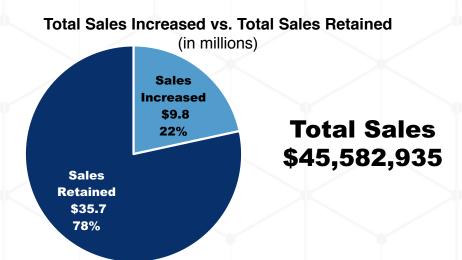


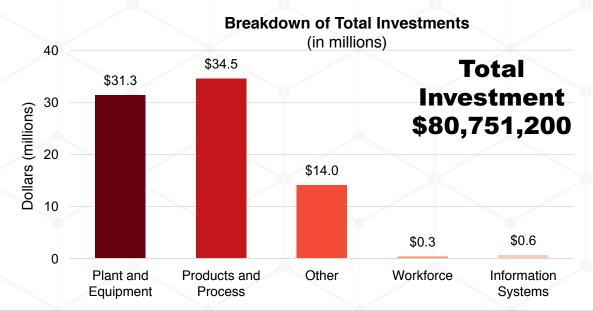
Total Cost Savings vs. Total Investment Savings (in millions)

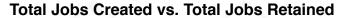


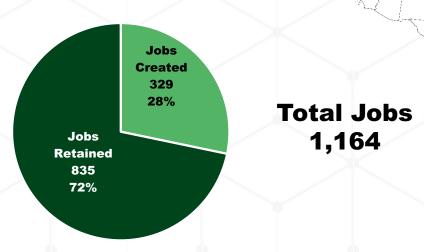
Total Savings \$19,927,712

Arkansas

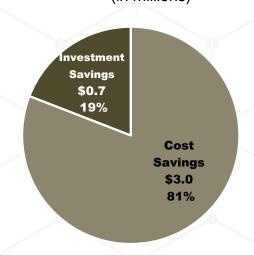






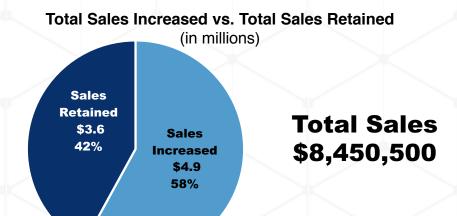


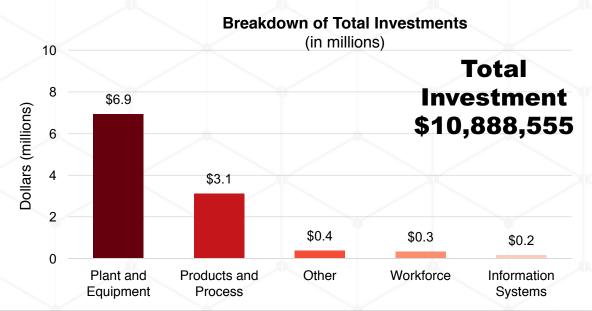
Total Cost Savings vs. Total Investment Savings (in millions)

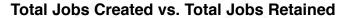


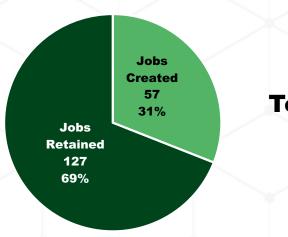
Total Savings \$3,651,572

Arizona



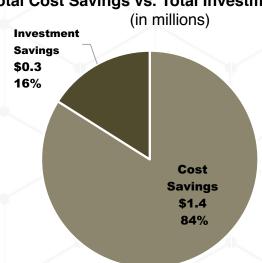






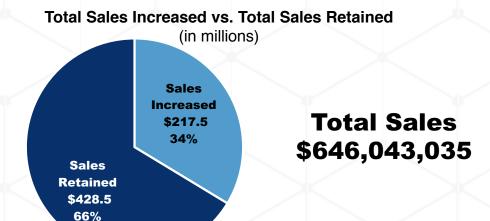
Total Jobs 184

Total Cost Savings vs. Total Investment Savings

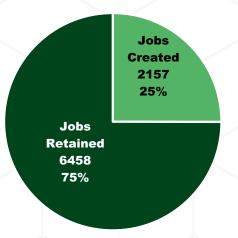


Total Savings \$1,717,560

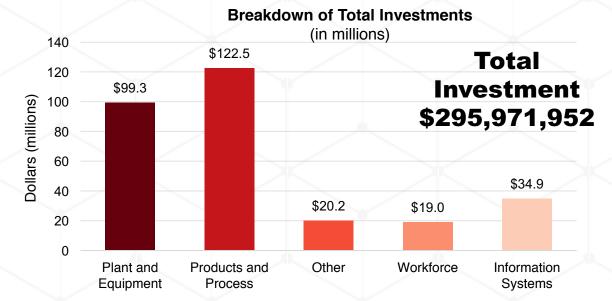
California



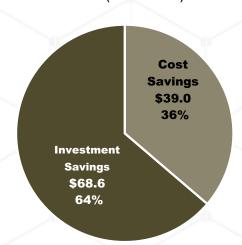




Total Jobs 8,615

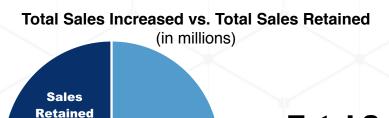






Total Savings \$107,649,798

Colorado



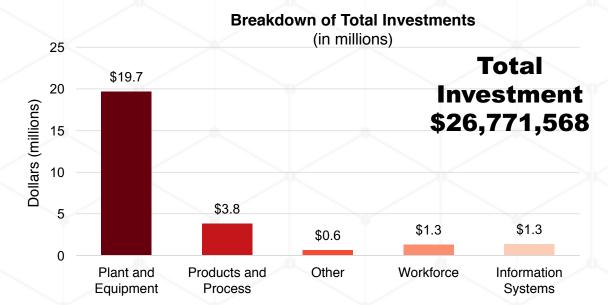
Sales

Increased

\$24.1

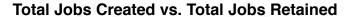
53%

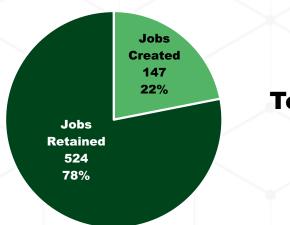
Total Sales \$45,302,600



\$21.2

47%





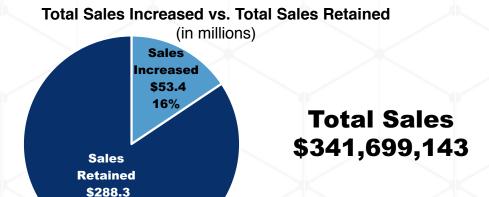
Total Jobs 671

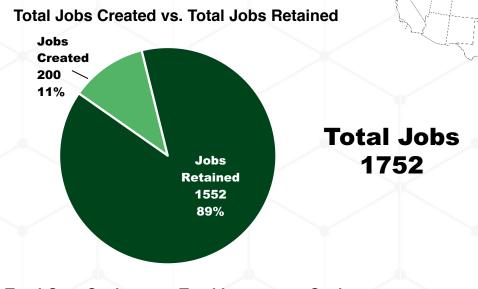
Total Cost Savings vs. Total Investment Savings (in millions)

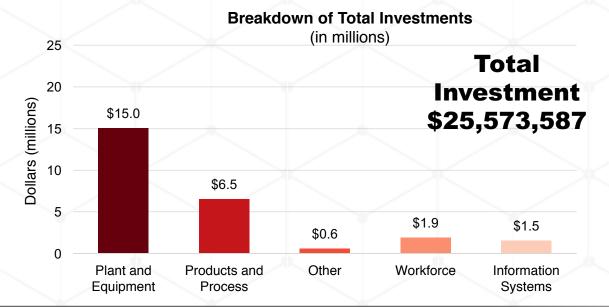


Total Savings \$8,163,270

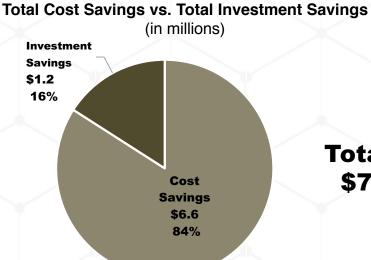
Connecticut







84%

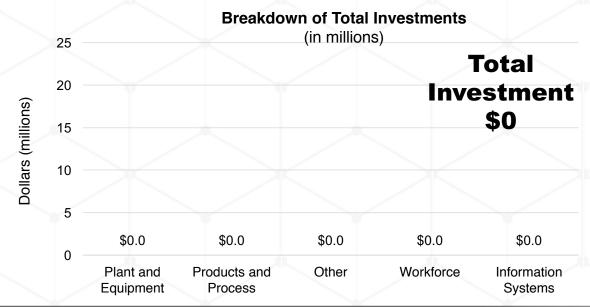


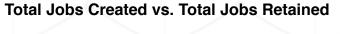
Total Savings \$7,807,610

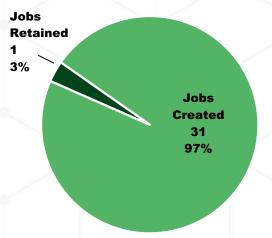
District of Columbia

Total Sales Increased vs. Total Sales Retained (in millions)

Total Sales \$0







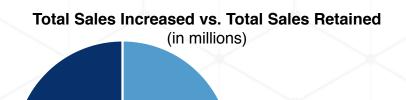
Total Jobs 32

Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$49,500,000

Delaware

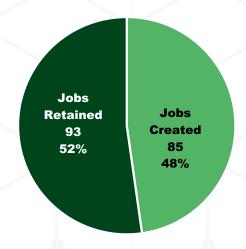


Sales
Retained
\$6.5
\$5.7
\$53%
Sales
Increased
\$47%

Total Sales \$12,135,000

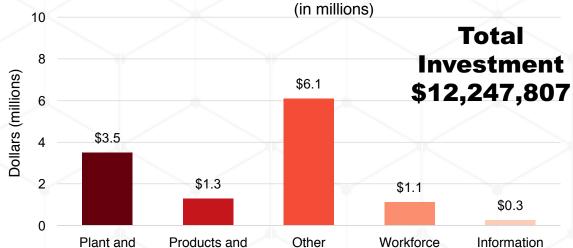
Systems

Total Jobs Created vs. Total Jobs Retained



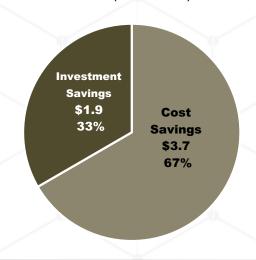
Total Jobs 178





Process

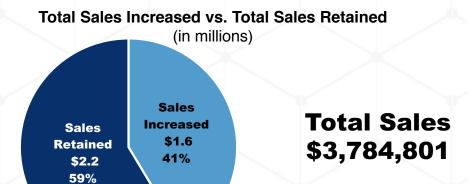
Total Cost Savings vs. Total Investment Savings (in millions)

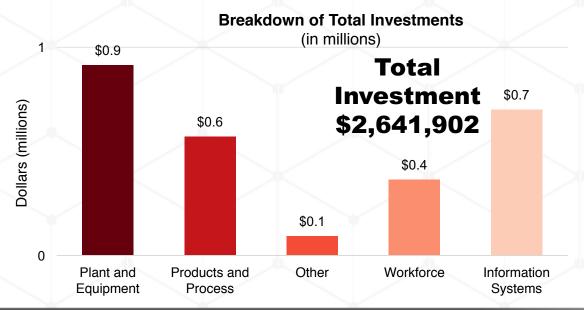


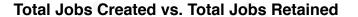
Total Savings \$5,548,270

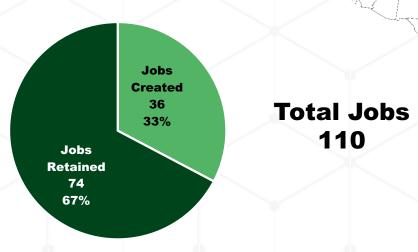
Equipment

Florida

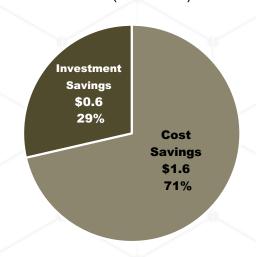






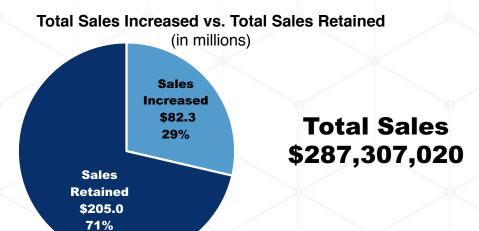


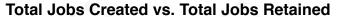
Total Cost Savings vs. Total Investment Savings (in millions)

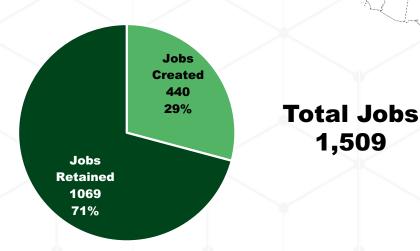


Total Savings \$2,250,101

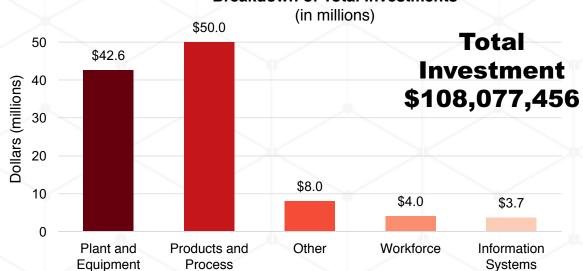
Georgia



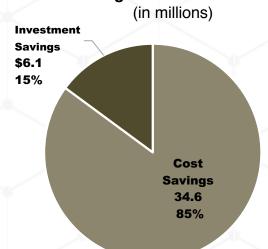






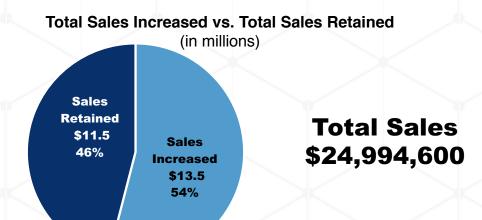


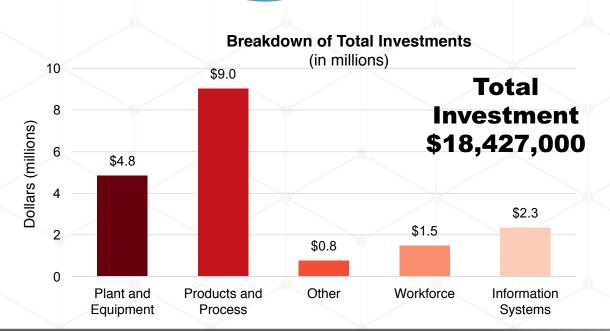
Total Cost Savings vs. Total Investment Savings

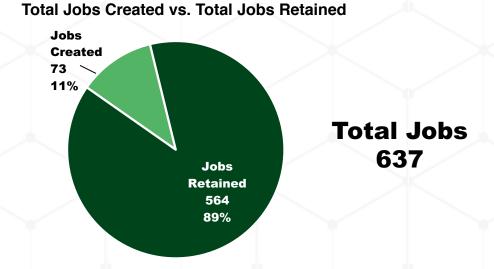


Total Savings \$40,697,134

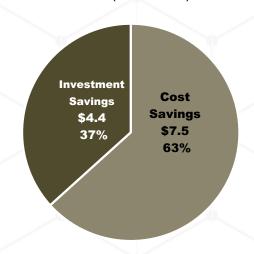
Hawaii





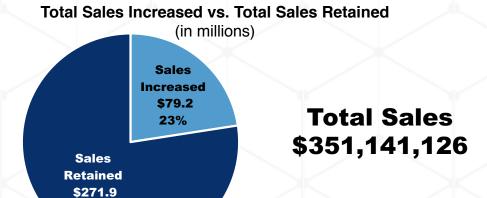


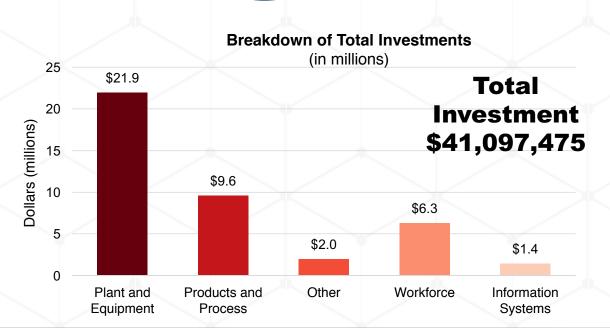




Total Savings \$11,880,301

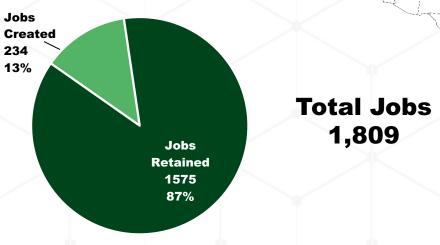
Iowa



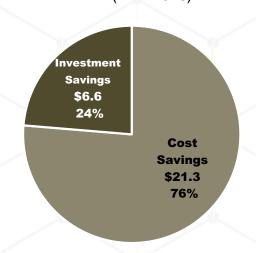


77%



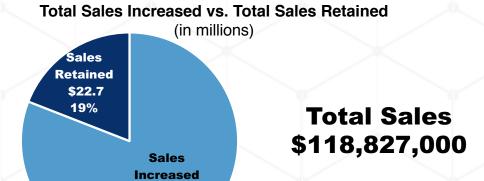


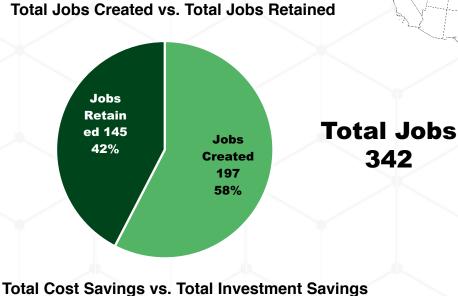
Total Cost Savings vs. Total Investment Savings (in millions)

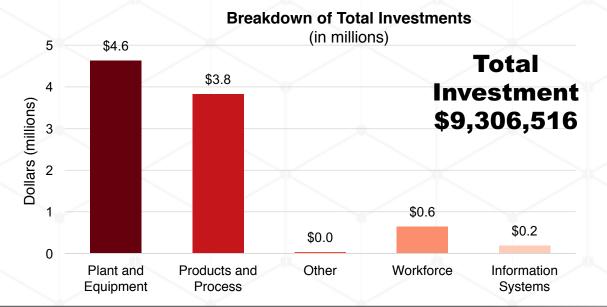


Total Savings \$27,864,904

Idaho

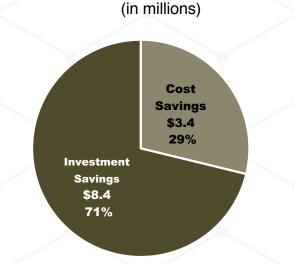






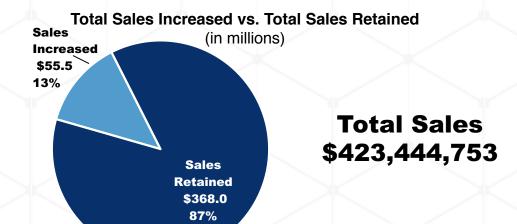
\$96.2

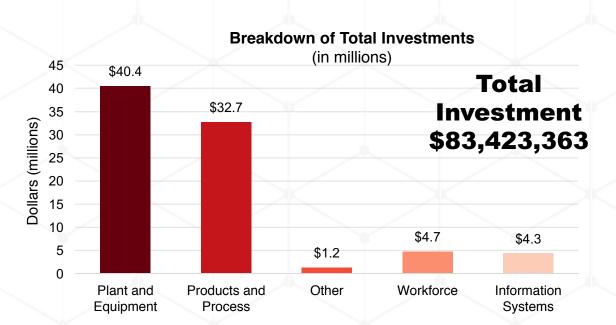
81%



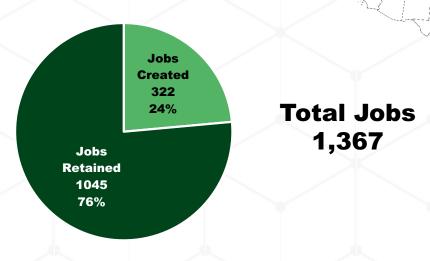
Total Savings \$11,844,000

Illinois

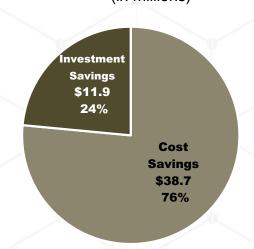






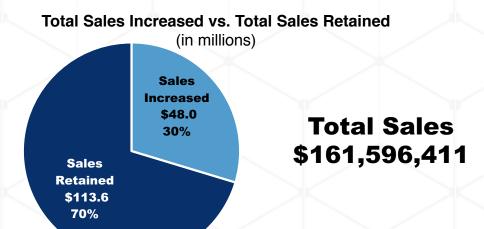


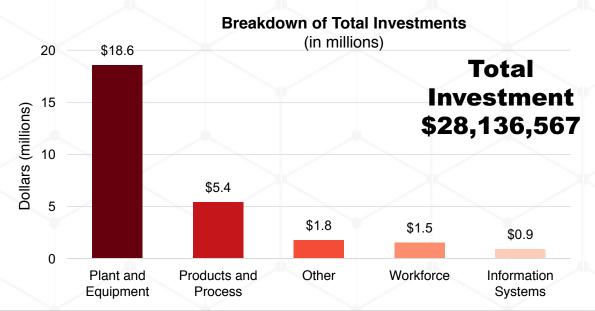
Total Cost Savings vs. Total Investment Savings (in millions)

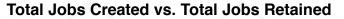


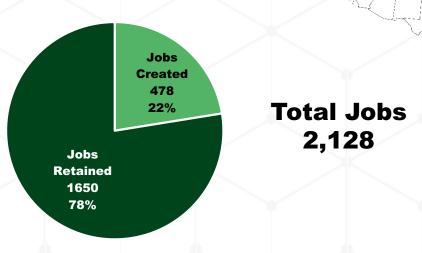
Total Savings \$50,578,480

Indiana

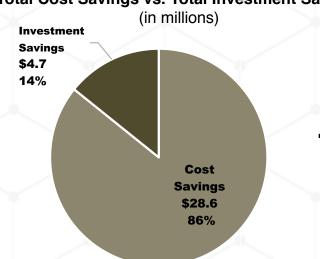








Total Cost Savings vs. Total Investment Savings



Total Savings \$33,382,419

Kansas



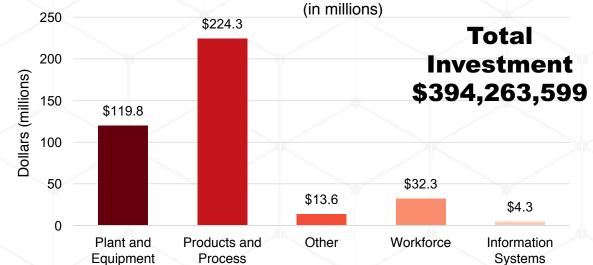
\$92.5 25% Sales Retained

\$283.1

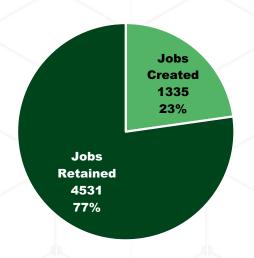
75%

Total Sales \$375,652,500

Breakdown of Total Investments

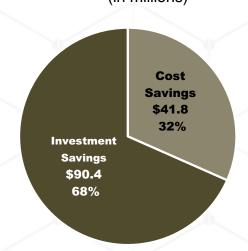


Total Jobs Created vs. Total Jobs Retained



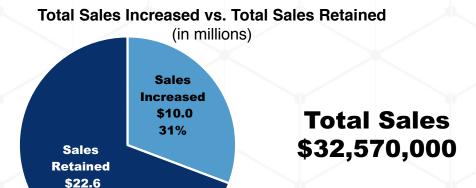
Total Jobs 5,866

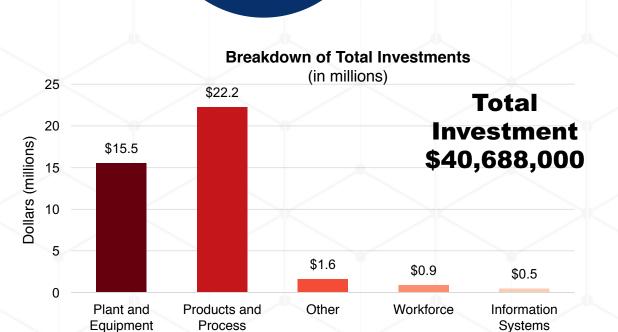
Total Cost Savings vs. Total Investment Savings (in millions)



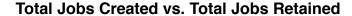
Total Savings \$132,184,310

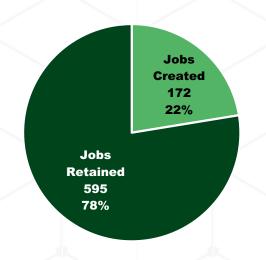
Kentucky





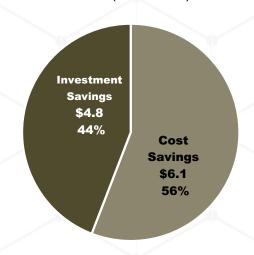
69%





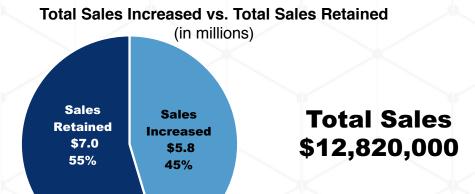
Total Jobs 767

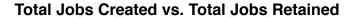
Total Cost Savings vs. Total Investment Savings (in millions)

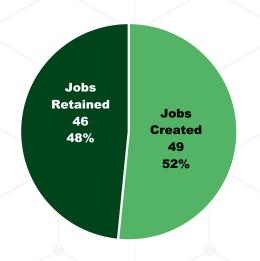


Total Savings \$10,909,800

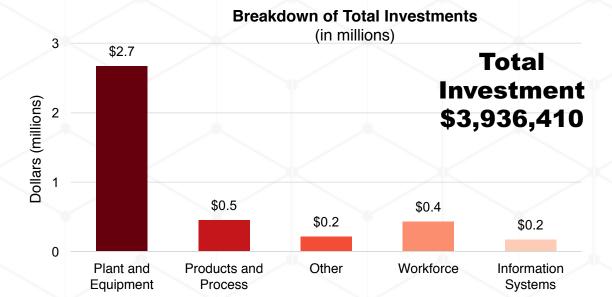
Louisiana



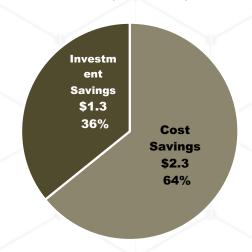




Total Jobs 95

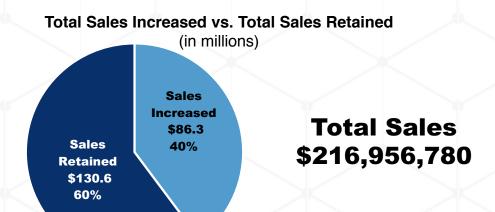


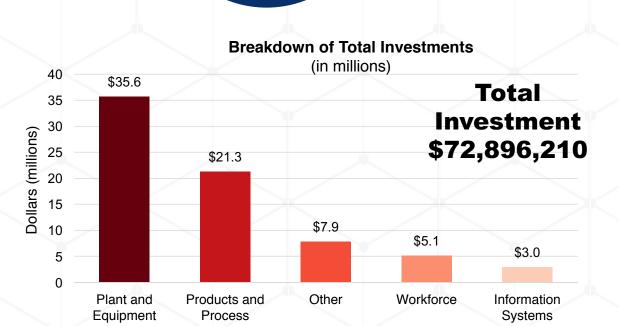
Total Cost Savings vs. Total Investment Savings (in millions)

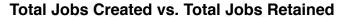


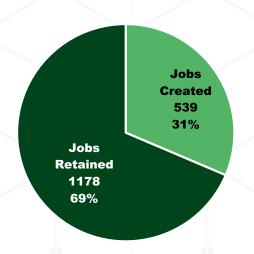
Total Savings \$3,626,500

Massachusetts



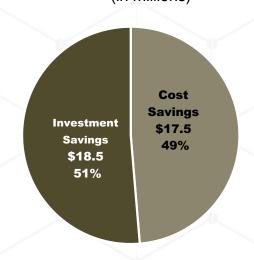






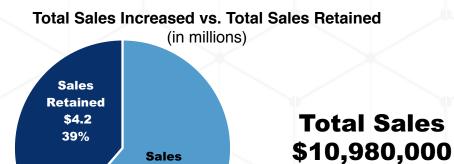
Total Jobs 1,717

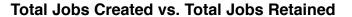
Total Cost Savings vs. Total Investment Savings (in millions)

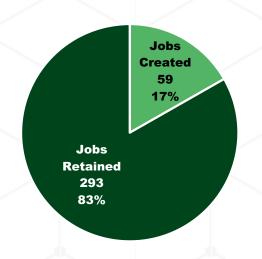


Total Savings \$35,946,369

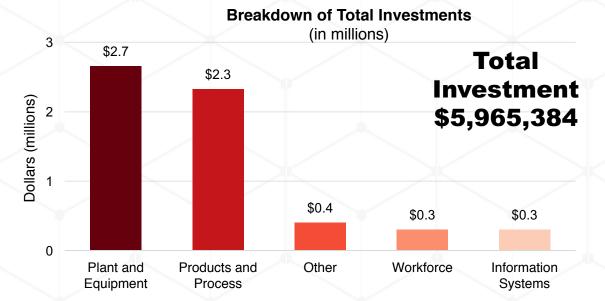
Maryland







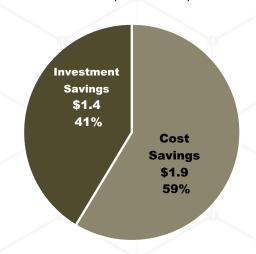
Total Jobs 352



Increased \$6.7

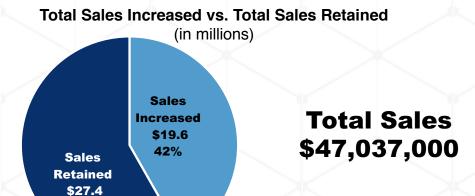
61%

Total Cost Savings vs. Total Investment Savings (in millions)



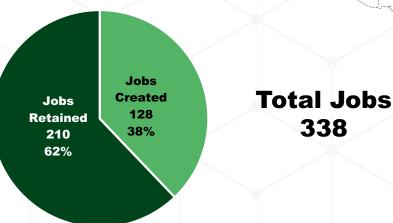
Total Savings \$3,317,749

Maine

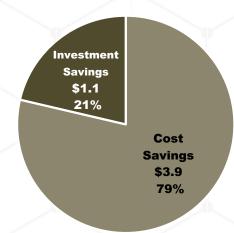




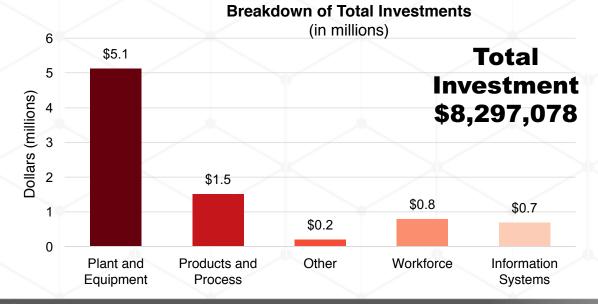




Total Cost Savings vs. Total Investment Savings (in millions)

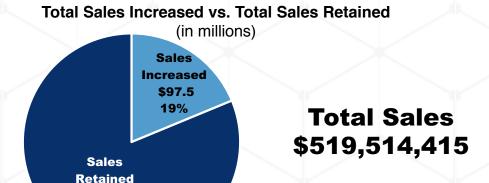


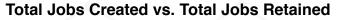
Total Savings \$4,977,345

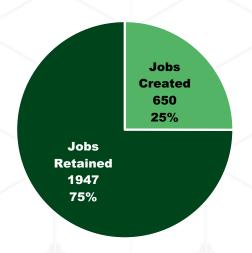


58%

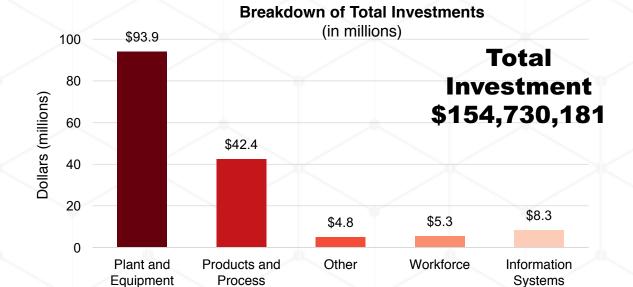
Michigan







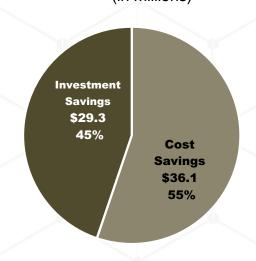
Total Jobs 2,597



\$422.0

81%

Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$65,392,567

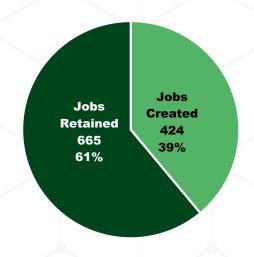
Minnesota





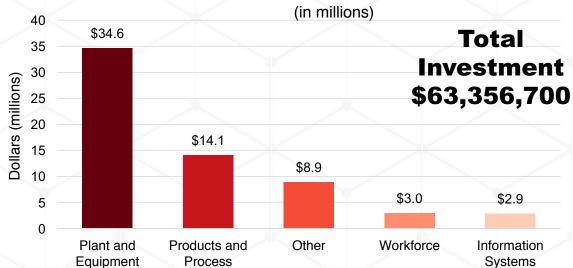
Total Sales \$120,100,000

Total Jobs Created vs. Total Jobs Retained

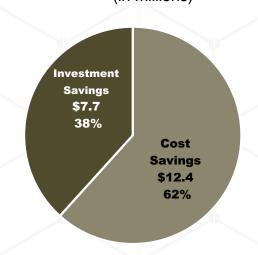


Total Jobs 1,089

Breakdown of Total Investments

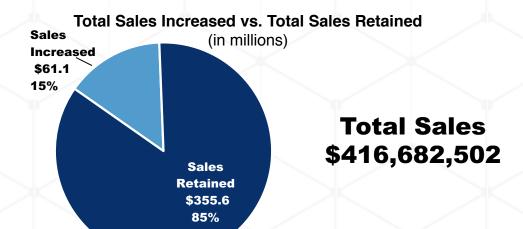


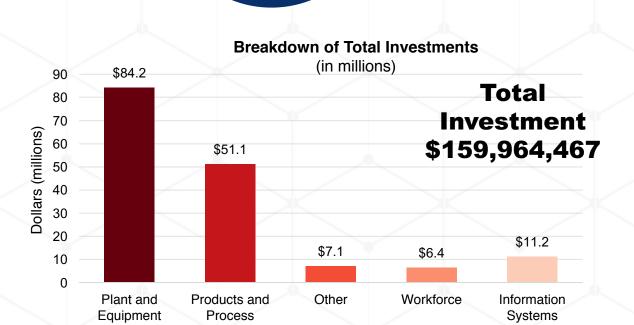
Total Cost Savings vs. Total Investment Savings (in millions)



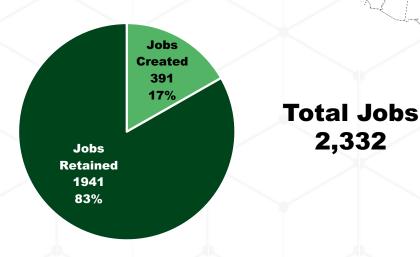
Total Savings \$20,168,904

Missouri

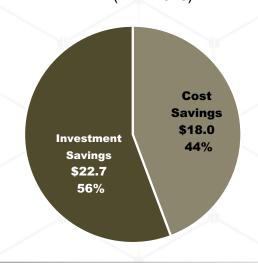






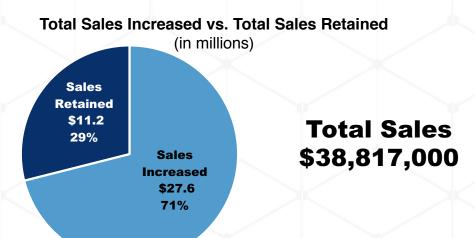


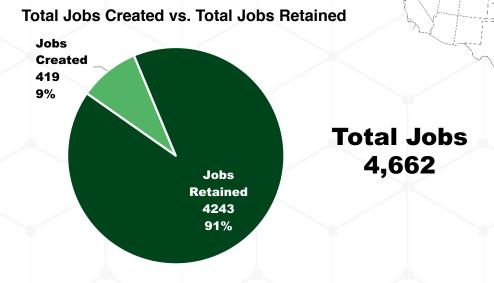
Total Cost Savings vs. Total Investment Savings (in millions)

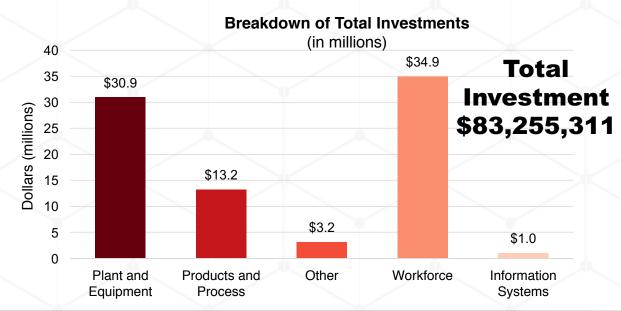


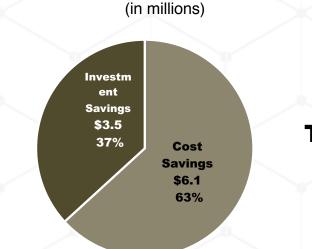
Total Savings \$40,719,100

Mississippi





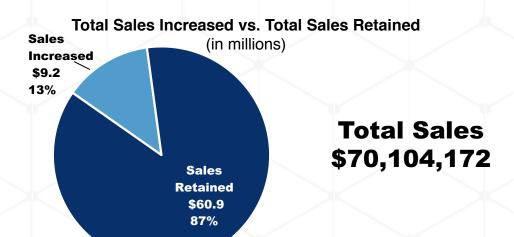


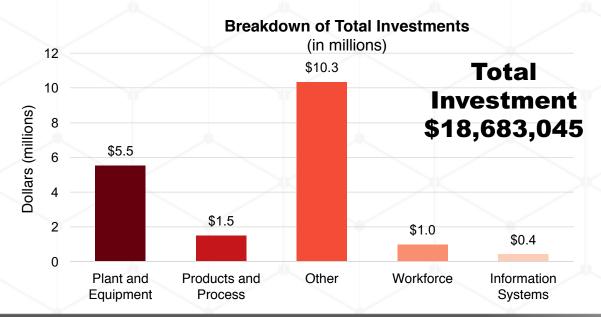


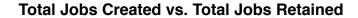
Total Cost Savings vs. Total Investment Savings

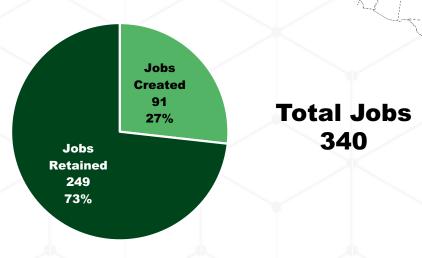
Total Savings \$9,613,853

Montana

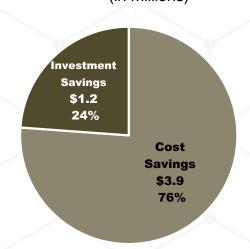






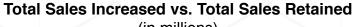


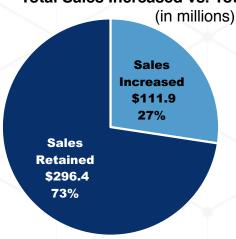
Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$5,161,224

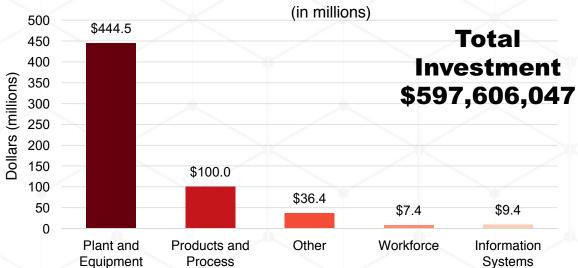
North Carolina



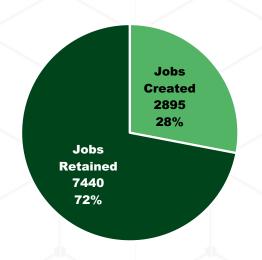


Total Sales \$408,211,777

Breakdown of Total Investments

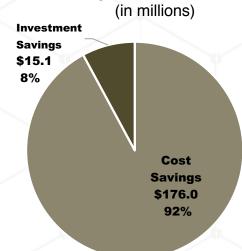


Total Jobs Created vs. Total Jobs Retained



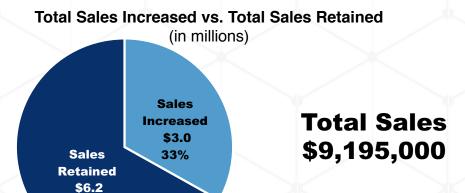
Total Jobs 10,335

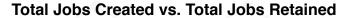
Total Cost Savings vs. Total Investment Savings

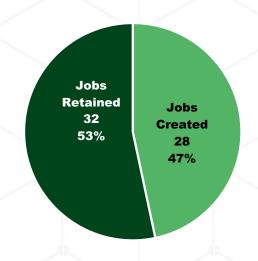


Total Savings \$191,023,970

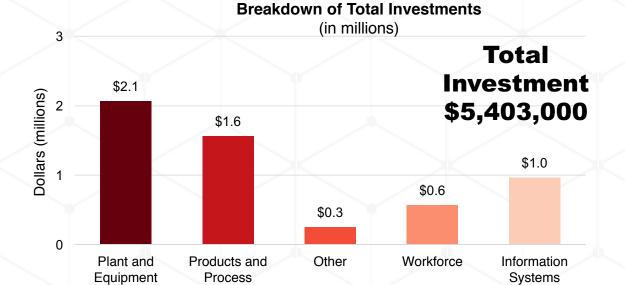
North Dakota





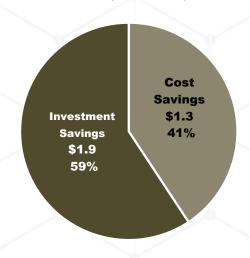


Total Jobs 60



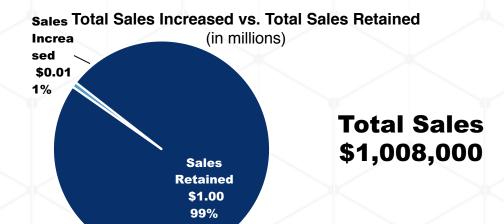
67%

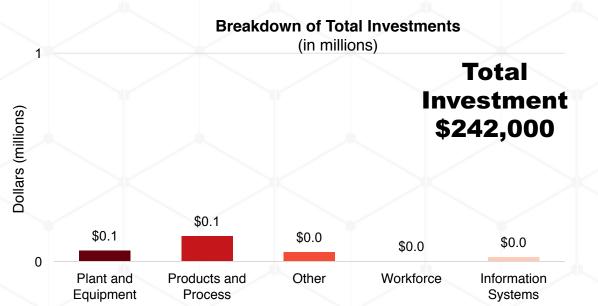
Total Cost Savings vs. Total Investment Savings (in millions)

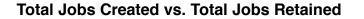


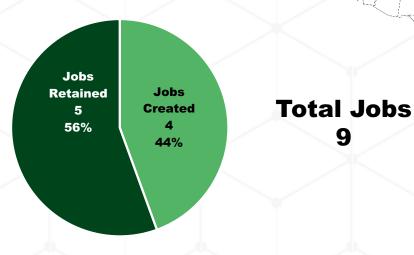
Total Savings \$3,163,000

Nebraska

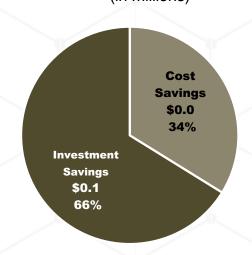






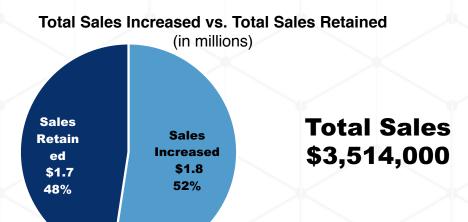


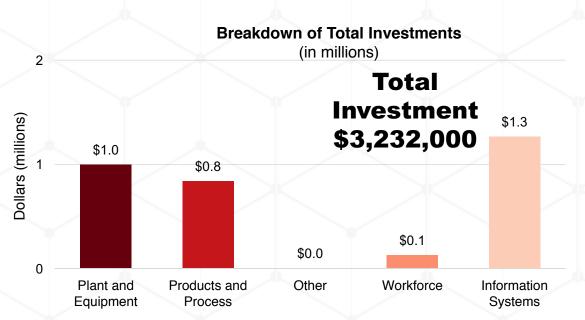
Total Cost Savings vs. Total Investment Savings (in millions)



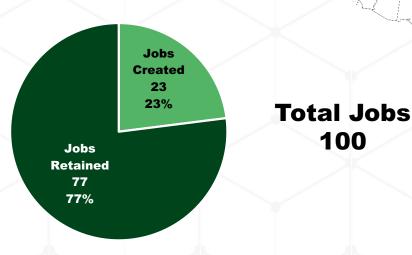
Total Savings \$102,000

New Hampshire

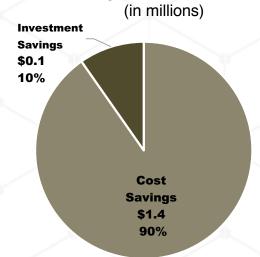






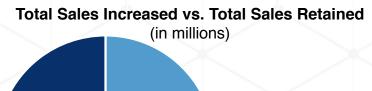


Total Cost Savings vs. Total Investment Savings



Total Savings \$1,533,000

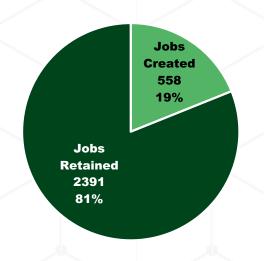
New Jersey





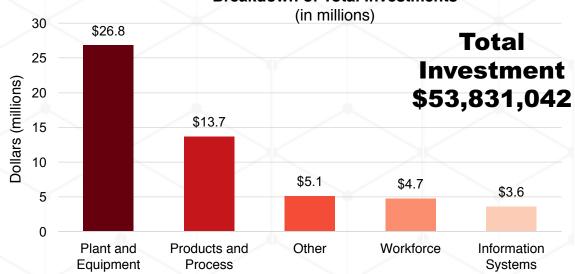
Total Sales \$213,279,700

Total Jobs Created vs. Total Jobs Retained

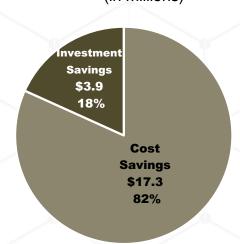


Total Jobs 2,949

Breakdown of Total Investments



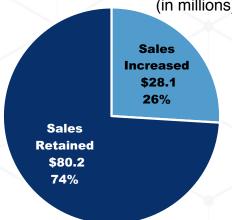
Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$21,197,250

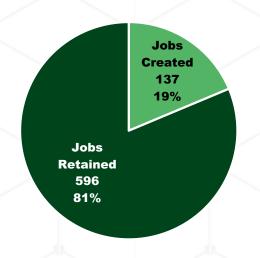
New Mexico





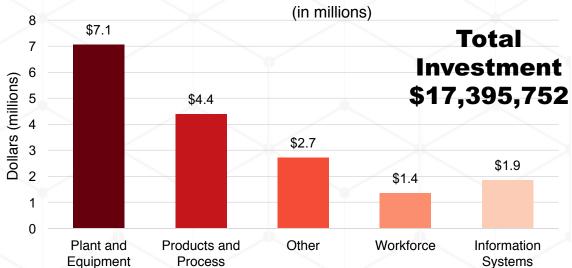
Total Sales \$108,382,852

Total Jobs Created vs. Total Jobs Retained

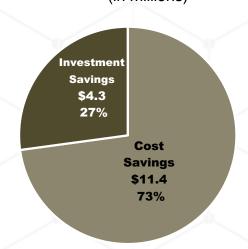


Total Jobs 733

Breakdown of Total Investments



Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$15,661,723

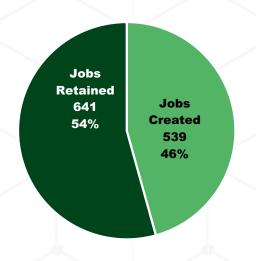
Nevada





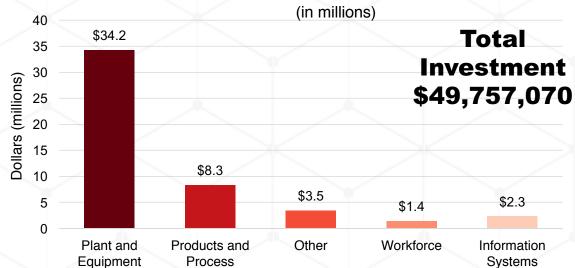
Total Sales \$139,274,000

Total Jobs Created vs. Total Jobs Retained

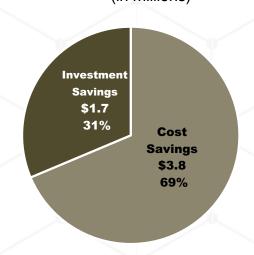


Total Jobs 1,180

Breakdown of Total Investments



Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$5,518,350

New York



Increased

\$147.6

30%

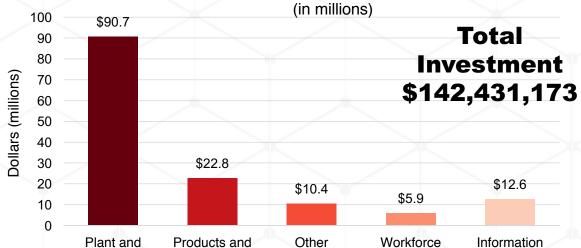


Process

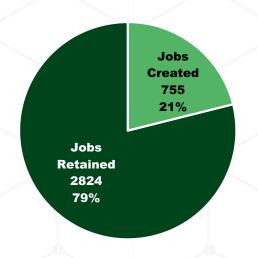
Total Sales \$490,016,486

Systems

Breakdown of Total Investments

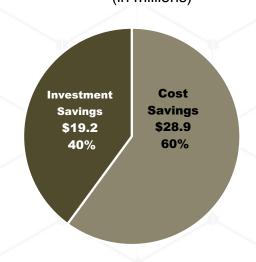


Total Jobs Created vs. Total Jobs Retained



Total Jobs 3,579

Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings **\$48,112,917**

Equipment

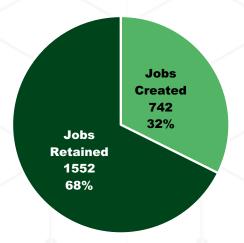
Ohio





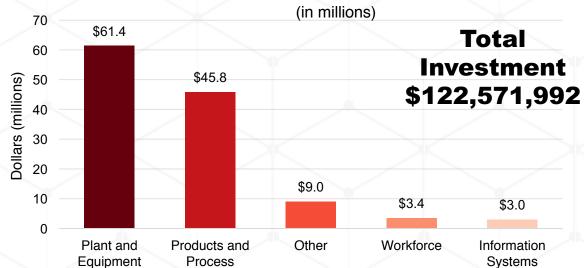
Total Sales \$235,126,365

Total Jobs Created vs. Total Jobs Retained

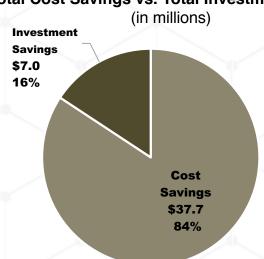


Total Jobs 2,294

Breakdown of Total Investments

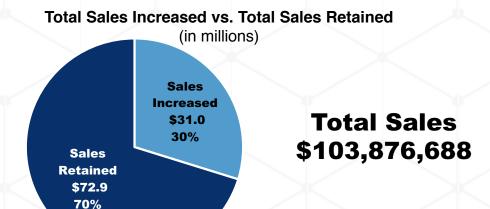


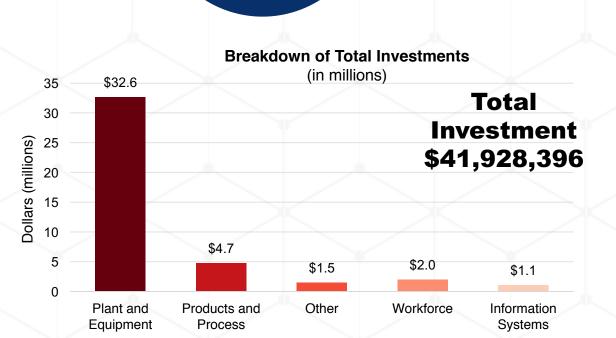
Total Cost Savings vs. Total Investment Savings



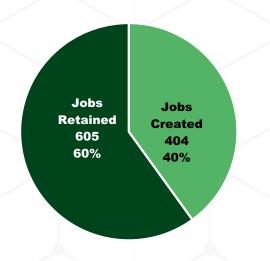
Total Savings \$44,729,192

Oklahoma



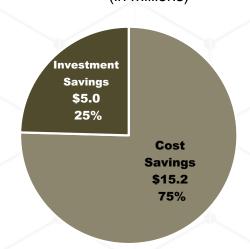






Total Jobs 1,009

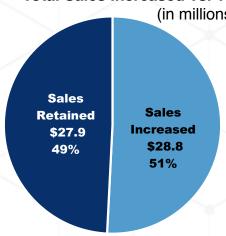
Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$20,169,963

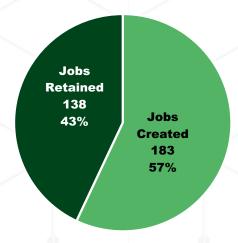
Oregon





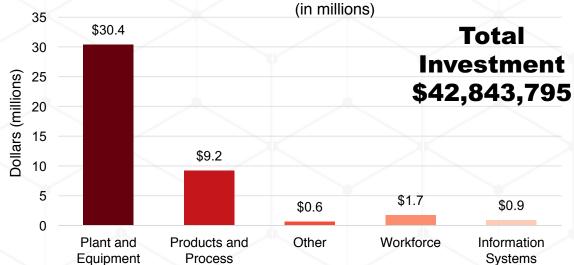
Total Sales \$56,676,600

Total Jobs Created vs. Total Jobs Retained

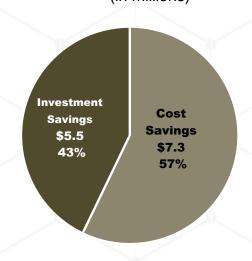


Total Jobs 321

Breakdown of Total Investments

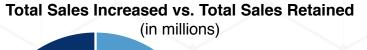


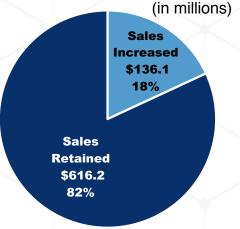
Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$12,842,000

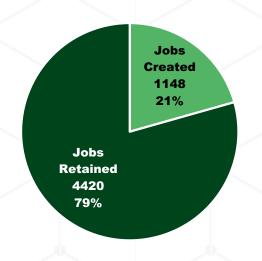
Pennsylvania





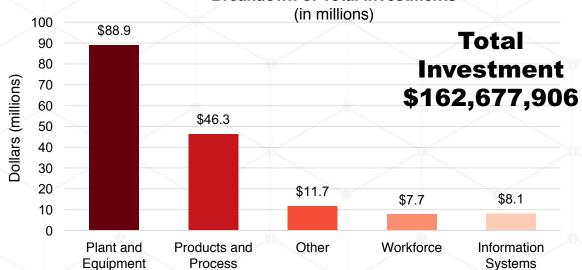
Total Sales \$752,272,148

Total Jobs Created vs. Total Jobs Retained

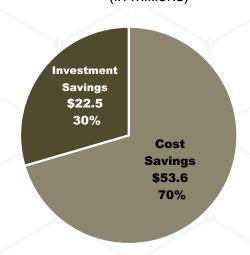


Total Jobs 5,568

Breakdown of Total Investments

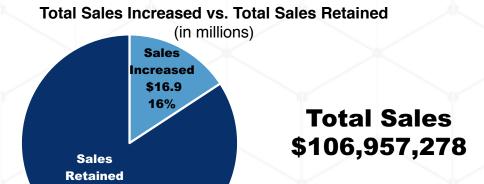


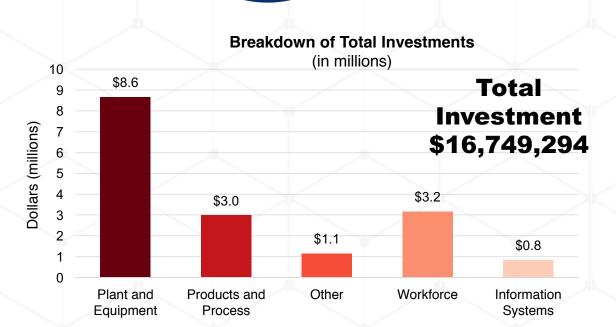
Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$76,092,825

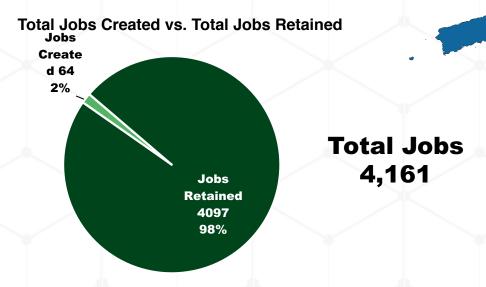
Puerto Rico



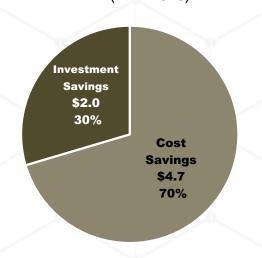


\$90.1

84%

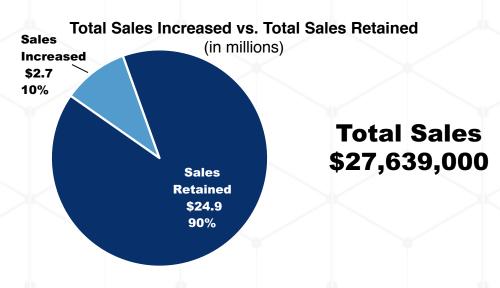


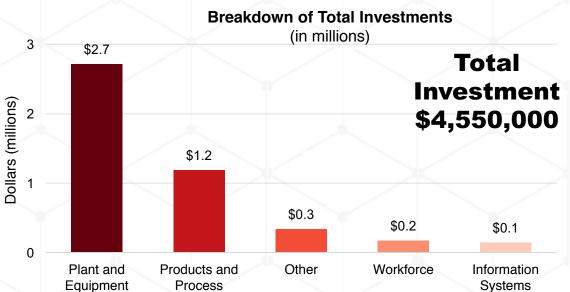
Total Cost Savings vs. Total Investment Savings (in millions)

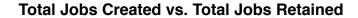


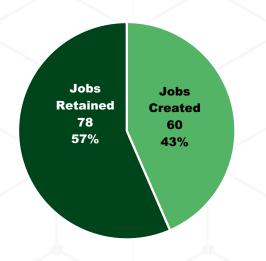
Total Savings **\$6,661,210**

Rhode Island



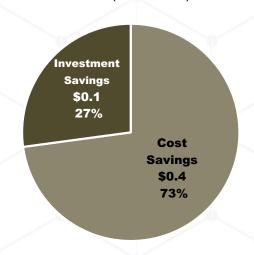






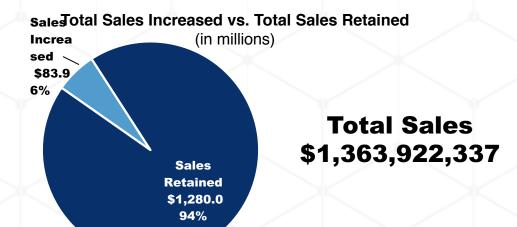
Total Jobs 138

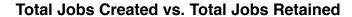
Total Cost Savings vs. Total Investment Savings (in millions)

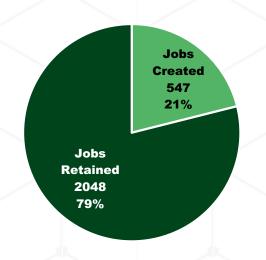


Total Savings \$551,600

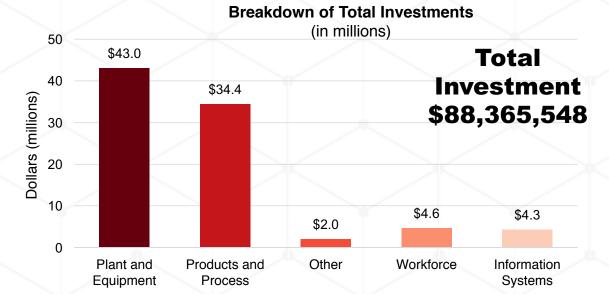
South Carolina



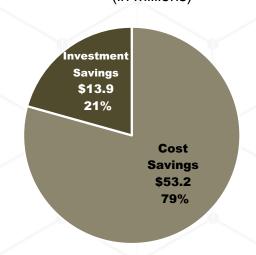




Total Jobs 2,595



Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$67,086,093

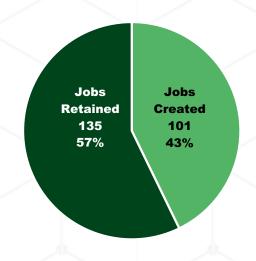
South Dakota





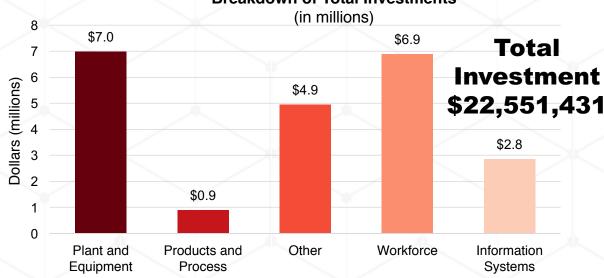
Total Sales \$57,540,095

Total Jobs Created vs. Total Jobs Retained

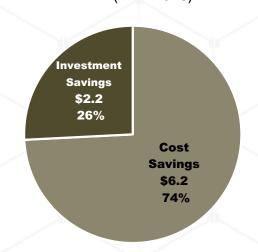


Total Jobs 236



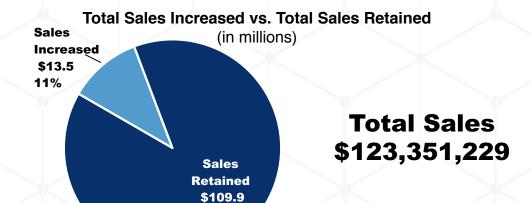


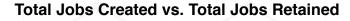
Total Cost Savings vs. Total Investment Savings (in millions)

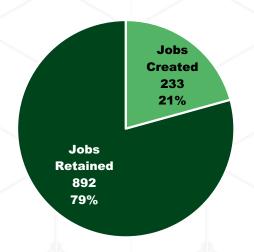


Total Savings \$8,388,726

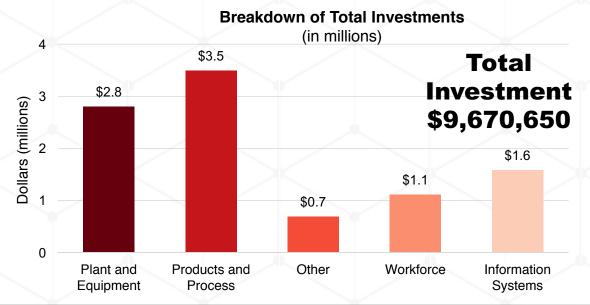
Tennessee





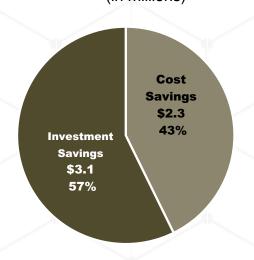


Total Jobs 1,125



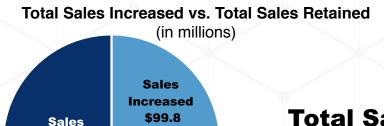
89%

Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$5,441,750

Texas



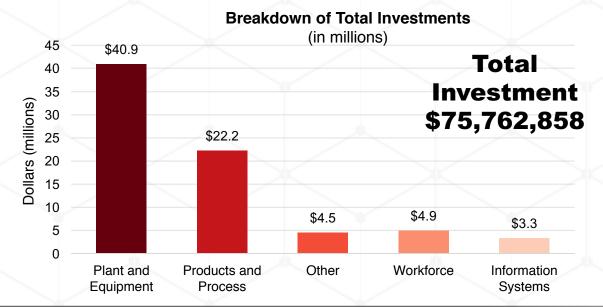
37%

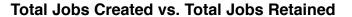
Retained

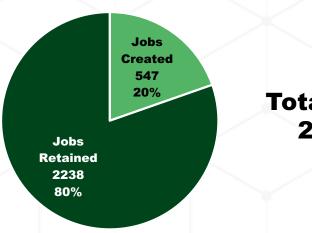
\$169.3

63%

Total Sales \$269,142,842







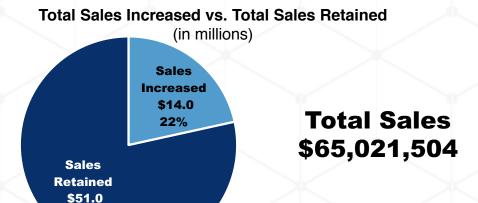
Total Jobs 2,785

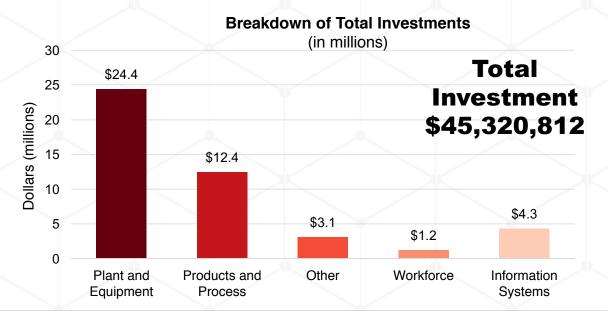
Total Cost Savings vs. Total Investment Savings (in millions)



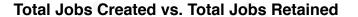
Total Savings \$66,516,301

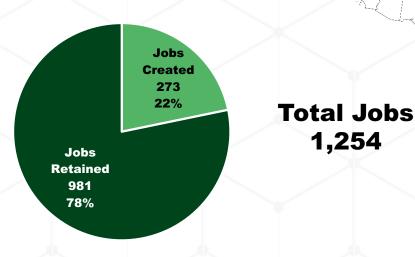
Utah



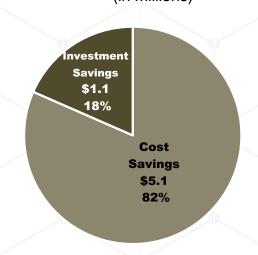


78%



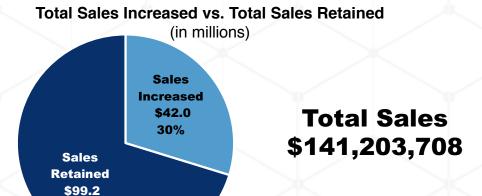


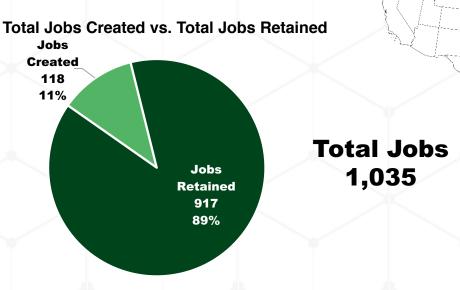
Total Cost Savings vs. Total Investment Savings (in millions)

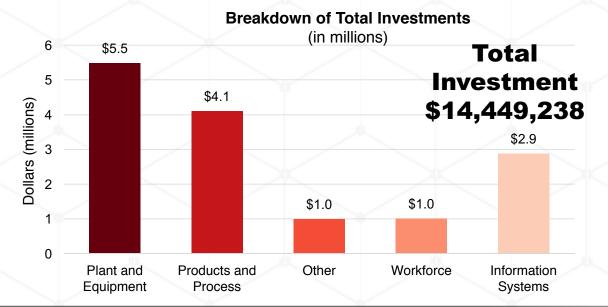


Total Savings \$6,199,302

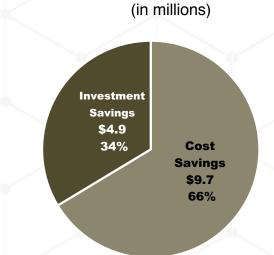
Virginia







70%

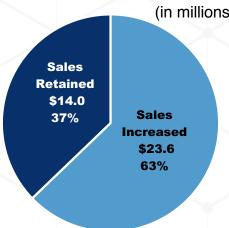


Total Cost Savings vs. Total Investment Savings

Total Savings \$14,657,876

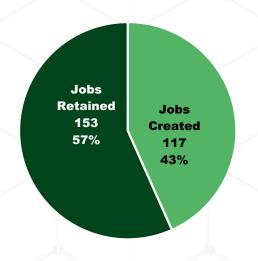
Vermont





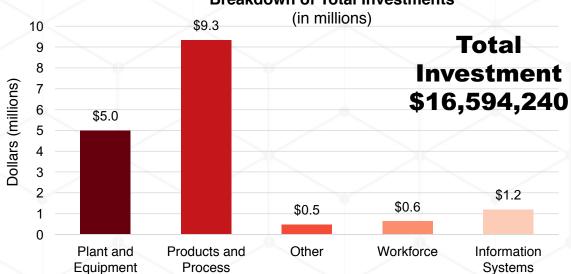
Total Sales \$37,530,630

Total Jobs Created vs. Total Jobs Retained

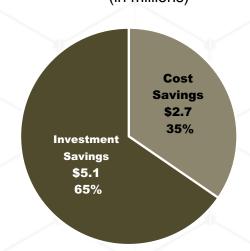


Total Jobs 270

Breakdown of Total Investments



Total Cost Savings vs. Total Investment Savings (in millions)



Total Savings \$7,802,505

Washington



\$15.0

30%



Process

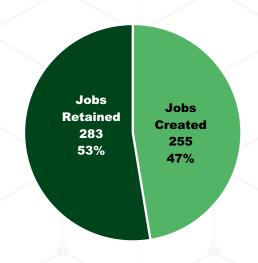
Total Sales \$49,293,887

Systems

Breakdown of Total Investments (in millions)



Total Jobs Created vs. Total Jobs Retained



Total Jobs 538

Total Cost Savings vs. Total Investment Savings (in millions)

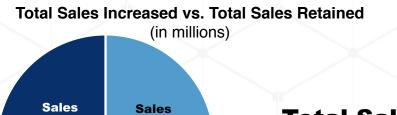


Total Savings \$15,569,227

60

Equipment

Wisconsin

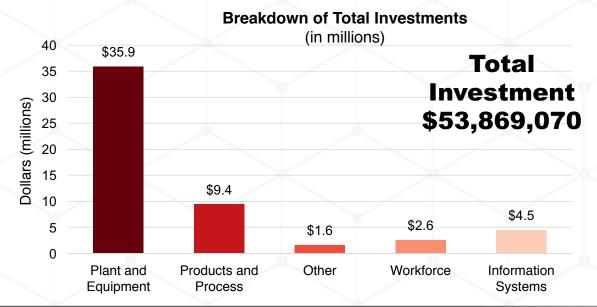


Increased

\$50.1

38%

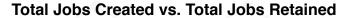
Total Sales \$133,532,497

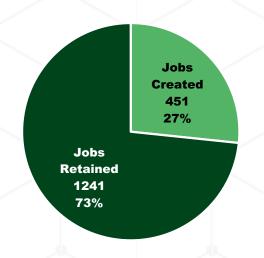


Retained

\$83.4

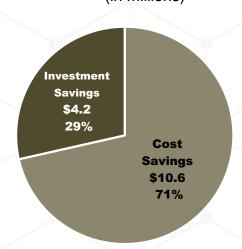
62%





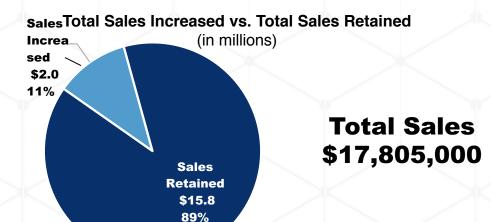
Total Jobs 1,692

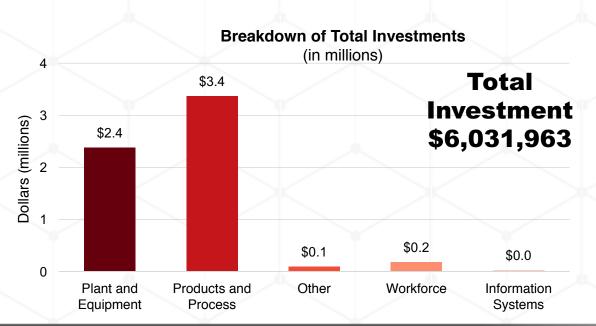
Total Cost Savings vs. Total Investment Savings (in millions)

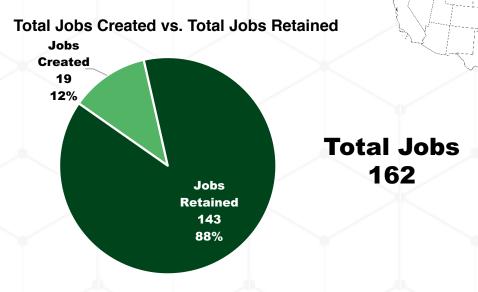


Total Savings \$14,783,556

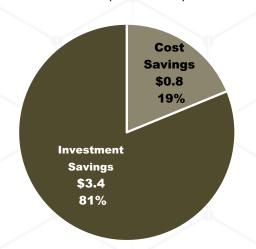
West Virginia





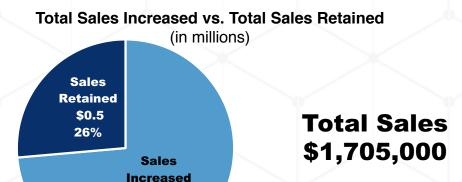






Total Savings \$4,223,602

Wyoming



\$0.5

Workforce

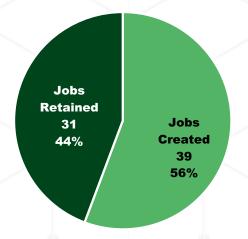
\$0.3

Information

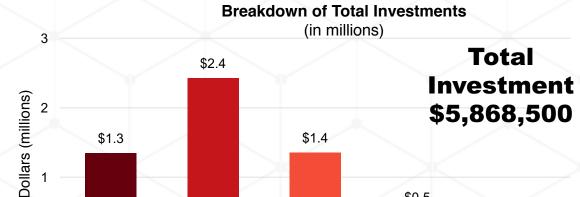
Systems



Total Jobs Created vs. Total Jobs Retained



Total Jobs

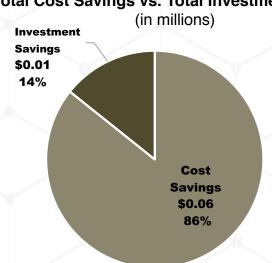


Other

\$1.3

74%

Total Cost Savings vs. Total Investment Savings



Total Savings \$70,050

0

Plant and

Equipment

Products and

Process