

# Mississippi River Regional Planning Commission



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## Input/Output Scenario

### Vernon County



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## Report Info

|                    |                        |
|--------------------|------------------------|
| Dataset Version    | 2013.3 Class of Worker |
| Timeframe          | 2012                   |
| Dataset Category   | EMSI Complete          |
| Region Name        | Vernon County          |
| Counties           |                        |
| Vernon, WI (55123) |                        |

## Changes to Animal Production (112000)

|   |   |  |
|---|---|--|
| <b>\$5,482,491</b><br>Change in Earnings<br>1.29 Multiplier | <b>238</b><br>Change in Jobs<br>1.23 Multiplier | <b>\$22,998</b><br>Average Earnings Per Job (2012) |
|---|---|--|

## Scenario Results - Industry

| NAICS | Industry   | Change in Jobs |
|-------|--|----------------|
| 11    | Agriculture, Forestry, Fishing and Hunting                               | 202            |
| 21    | Mining, Quarrying, and Oil and Gas Extraction                            | 0              |
| 22    | Utilities  | 0              |
| 23    | Construction   | 2              |
| 31    | Manufacturing  | 0              |
| 42    | Wholesale Trade  | 1              |
| 44    | Retail Trade   | 4              |
| 48    | Transportation and Warehousing   | 1              |
| 51    | Information  | 0              |
| 52    | Finance and Insurance  | 3              |
| 53    | Real Estate and Rental and Leasing                                       | 2              |
| 54    | Professional, Scientific, and Technical Services                         | 1              |
| 55    | Management of Companies and Enterprises                                  | 0              |
| 56    | Administrative and Support and Waste Management and Remediation Services | 1              |
| 61    | Educational Services (Private)   | 0              |
| 62    | Health Care and Social Assistance  | 6              |
| 71    | Arts, Entertainment, and Recreation                                      | 1              |
| 72    | Accommodation and Food Services  | 3              |
| 81    | Other Services (except Public Administration)                            | 2              |
| 90    | Government   | 6              |

## Scenario Results - Occupation

| <b>SOC</b> | <b>Occupation</b>  | <b>Change in Jobs</b> |
|------------|--|-----------------------|
| 11-0000    | Management Occupations                                     | 178                   |
| 13-0000    | Business and Financial Operations Occupations              | 2                     |
| 15-0000    | Computer and Mathematical Occupations                      | 0                     |
| 17-0000    | Architecture and Engineering Occupations                   | 0                     |
| 19-0000    | Life, Physical, and Social Science Occupations             | 0                     |
| 21-0000    | Community and Social Service Occupations                   | 1                     |
| 23-0000    | Legal Occupations  | 0                     |
| 25-0000    | Education, Training, and Library Occupations               | 3                     |
| 27-0000    | Arts, Design, Entertainment, Sports, and Media Occupations | 1                     |
| 29-0000    | Healthcare Practitioners and Technical Occupations         | 3                     |
| 31-0000    | Healthcare Support Occupations                             | 2                     |
| 33-0000    | Protective Service Occupations                             | 1                     |
| 35-0000    | Food Preparation and Serving Related Occupations           | 3                     |
| 37-0000    | Building and Grounds Cleaning and Maintenance Occupations  | 2                     |
| 39-0000    | Personal Care and Service Occupations                      | 7                     |
| 41-0000    | Sales and Related Occupations                              | 5                     |
| 43-0000    | Office and Administrative Support Occupations              | 8                     |
| 45-0000    | Farming, Fishing, and Forestry Occupations                 | 14                    |
| 47-0000    | Construction and Extraction Occupations                    | 2                     |
| 49-0000    | Installation, Maintenance, and Repair Occupations          | 1                     |
| 51-0000    | Production Occupations                                     | 1                     |
| 53-0000    | Transportation and Material Moving Occupations             | 3                     |
| 55-0000    | Military occupations                                       | 0                     |
| 99-0000    | Unclassified Occupation                                    | 0                     |

## Scenario Results - Demographic

| Demographic  | Change in Jobs |
|--------------|----------------|
| Male 14-18   | 7              |
| Female 14-18 | 3              |
| Male 19-21   | 6              |
| Female 19-21 | 3              |
| Male 22-24   | 8              |
| Female 22-24 | 1              |
| Male 25-34   | 21             |
| Female 25-34 | 6              |
| Male 35-44   | 34             |
| Female 35-44 | 12             |
| Male 45-54   | 48             |
| Female 45-54 | 17             |
| Male 55-64   | 30             |
| Female 55-64 | 12             |
| Male 65-99   | 25             |
| Female 65-99 | 5              |

## Data Sources and Calculations

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### Input-Output Data

The input-output model in this report is created using the national Input-Output matrix provided by the federal Bureau of Economic Analysis. This is combined with the national Total Gross Output, the regional Total Gross Output, the land area of the subject region, regional DIRT data and regional in/out commuter patterns in order to calculate regional requirements, imports and exports. After using matrix algebra to calculate the regional multiplier, the resulting matrix is multiplied by the sales vector and converted back to jobs or earnings. Specifically, this data comes from the U.S. Department of Commerce, Bureau of Economic Analysis, Industry Economic Accounts: Benchmark & Annual Input-Output (I-O) Accounts.

### State Data Sources

This report uses state data from the following agencies: Wisconsin Department of Workforce Development, Bureau of Workforce Information