



# Target Industry Cluster Analysis

SET FOREVER Region, Louisiana

## Table of contents

**01** Overview

**02** Industry Cluster Analysis

**03** Target Industry Clusters

# 01 overview

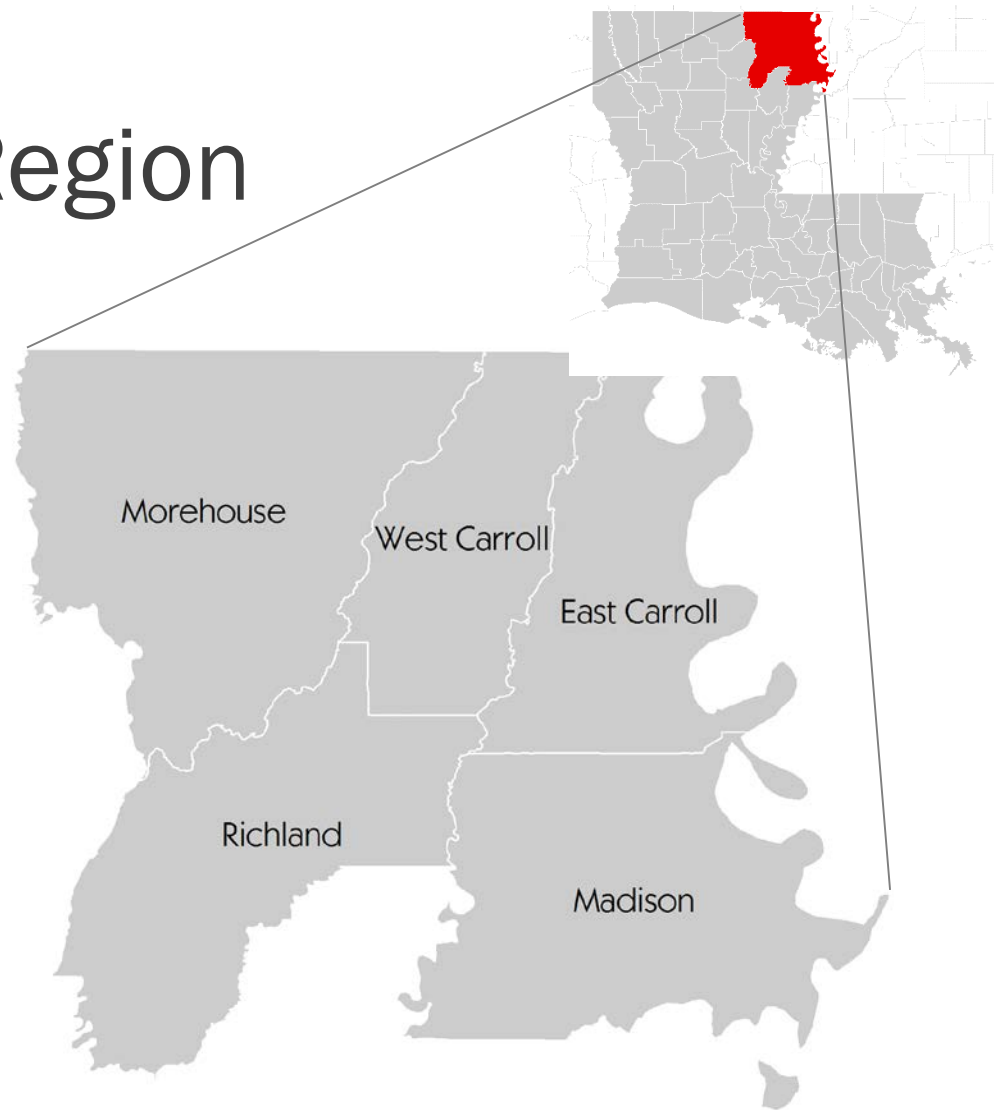
SET FOREVER Region, LA

## Overview

# SET FOREVER Region

The SET FOREVER Region is comprised of five Louisiana counties. I-20 passes through the southern part of the region and connects to I-55 to the east.

- East Carroll
- Madison
- Morehouse
- Richland
- West Carroll



# 02 target industry clusters

**Agribusiness, Food Processing  
and Technology**

---

**Arts, Entertainment,  
Recreation And Visitor  
Industries**

---

**Primary Metal Manufacturing**

---

**Biomedical/Biotechnical (Life  
Sciences)**

---

**Energy (Fossil And Renewable)**

---

**Transportation and Logistics**

## Shift-Share Analysis by Top Industry Sectors

### Agribusiness, Food Processing and Technology Cluster

Industries	Jobs 2014	National Trend, 2009-2014	Industry Trend, 2009-2014	Cumulative Expected Growth	Actual Job Growth, 2009-2014	Regional Performance, 2009-2014
		A	B	C=A+B	D	D-C
Crop Production	2,738	201	-180	21	90	↑ 69
Farm Labor Contractors and Crew Leaders	332	21	18	39	54	↑ 15
Farm and Garden Machinery and Equipment Merchant Wholesalers	301	15	-1	14	100	↑ 86
Dried and Dehydrated Food Manufacturing	249	5	-6	-1	179	↑ 180
Other Animal Food Manufacturing	229	1	-1	0	215	↑ 215
Farm Supplies Merchant Wholesalers	201	18	0	18	-43	-61
Soil Preparation, Planting, and Cultivating	150	10	17	27	16	-11
Grain and Field Bean Merchant Wholesalers	91	5	2	7	22	↑ 15
Poultry Processing	87	0	0	0	87	↑ 87
Animal (except Poultry) Slaughtering	81	1	-1	0	71	↑ 71
Cotton Ginning	81	7	-4	3	-7	-10
Postharvest Crop Activities (except Cotton Ginning)	64	7	1	8	-24	-32
Farm Management Services	35	2	2	4	12	↑ 8
Rice Milling	34	0	0	0	34	↑ 34
Crop Harvesting, Primarily by Machine	27	0	0	0	23	↑ 23

Note: Upward arrow (↑) indicates regional competitiveness.

#### section 02

Source: EMSI Class of Worker 2014.4 (QCEW, non-QCEW, self-employed and extended proprietors).

## Top 15 Inputs by Dollars

# Agribusiness, Food Processing and Technology Cluster

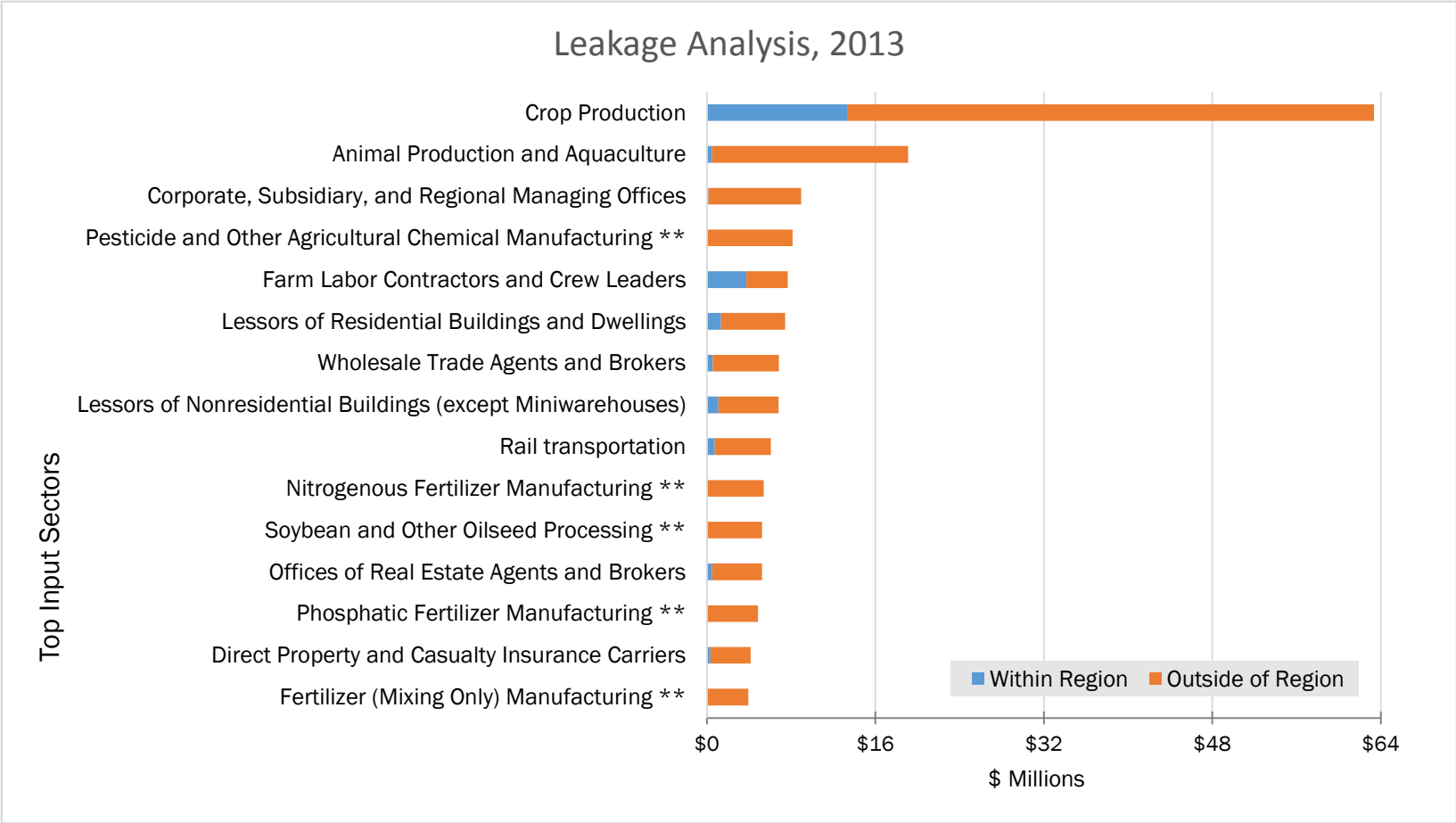
Industries	Estimated Input (\$ Millions), 2013	% In-Region	% Out of Region
Crop Production	\$63.36	21%	79%
Animal Production and Aquaculture	\$19.10	3%	97%
Corporate, Subsidiary, and Regional Managing Offices	\$8.95	1%	99%
Pesticide and Other Agricultural Chemical Mfg. **	\$8.12	0%	100%
Farm Labor Contractors and Crew Leaders	\$7.66	49%	51%
Lessors of Residential Buildings and Dwellings	\$7.41	18%	82%
Wholesale Trade Agents and Brokers	\$6.83	8%	92%
Lessors of Nonresidential Buildings (except Miniwarehouses)	\$6.80	16%	84%
Rail transportation	\$6.06	12%	88%
Nitrogenous Fertilizer Manufacturing **	\$5.40	0%	100%
Soybean and Other Oilseed Processing **	\$5.23	0%	100%
Offices of Real Estate Agents and Brokers	\$5.22	9%	91%
Phosphatic Fertilizer Manufacturing **	\$4.86	0%	100%
Direct Property and Casualty Insurance Carriers	\$4.14	8%	92%
Fertilizer (Mixing Only) Manufacturing **	\$3.93	0%	100%

Note: \*\* industry sector is not present in the region.

### section 02

# Top 15 Inputs by Dollars

## Agribusiness, Food Processing and Technology Cluster



Note: \*\* industry sector is not present in the region.

**section 02**

Source: EMSI Class of Worker 2014.4 (QCEW, non-QCEW, self-employed and extended proprietors).



## Top Occupations

# Agribusiness, Food Processing and Technology Cluster

Occupations	Jobs 2014	% Change, 2009-2014	Median Hourly Earnings, 2014	Entry Level Education
Farmers, Ranchers, and Other Agricultural Managers	2,221	-1%	\$11.1	High school diploma or equivalent
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	471	-3%	\$15.3	Less than high school
Laborers and Freight, Stock, and Material Movers, Hand	137	46%	\$9.9	Less than high school
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	101	17%	\$21.4	High school diploma or equivalent
Graders and Sorters, Agricultural Products	87	21%	\$12.7	Less than high school
Packaging and Filling Machine Operators and Tenders	83	196%	\$11.9	High school diploma or equivalent
Industrial Truck and Tractor Operators	72	106%	\$12.9	Less than high school
Agricultural Equipment Operators	70	3%	\$10.4	Less than high school
Farm Equipment Mechanics and Service Technicians	69	44%	\$15.8	High school diploma or equivalent
Maintenance and Repair Workers, General	68	113%	\$12.5	High school diploma or equivalent
Bookkeeping, Accounting, and Auditing Clerks	63	19%	\$14.0	High school diploma or equivalent
Meat, Poultry, and Fish Cutters and Trimmers	58	1,350%	\$8.5	Less than high school
Heavy and Tractor-Trailer Truck Drivers	58	32%	\$17.1	Postsecondary non-degree award
Nonfarm Animal Caretakers	53	56%	\$10.5	Less than high school
General and Operations Managers	49	40%	\$31.8	Bachelor's degree

Note: SOC (Standard Occupation Classification) 5-digit occupations are included by jobs in 2014. Extended proprietors include estimates for underreported self employment, proprietorships, trusts, partnerships and cooperatives.

### section 02

## Shift-Share Analysis by Top Industry Sectors

### Arts, Entertainment, Recreation and Visitor Industries Cluster

Industries	Jobs 2014	National Trend, 2009-2014	Industry Trend, 2009-2014	Cumulative Expected Growth	Actual Job Growth, 2009-2014	Regional Performance, 2009-2014
		A	B	C=A+B	D	D-C
Hotels (except Casino Hotels) and Motels	117	9	0	9	-7	-16
Golf Courses and Country Clubs	50	4	-2	2	2	0
Independent Artists, Writers, and Performers	46	2	1	3	17	↑ 14
Fitness and Recreational Sports Centers	41	2	1	3	21	↑ 18
Other Gambling Industries	34	4	-4	0	-22	-22
Sporting and Athletic Goods Manufacturing	28	0	0	0	28	↑ 28
RV (Recreational Vehicle) Parks and Campgrounds	19	1	1	2	8	↑ 6
Other Spectator Sports	17	1	1	2	1	-1
All Other Amusement and Recreation Industries	12	1	2	3	1	-2
Recreational and Vacation Camps (except Campgrounds)	11	0	0	0	4	↑ 4
Sports Teams and Clubs	10	0	1	1	8	↑ 7

Note: Upward arrow (↑) indicates regional competitiveness. EMSI does not show sufficient jobs for Promoters of Performing Arts, Sports, and Similar Events with Facilities; Other Performing Arts Companies; Racetracks; and Casinos (except Casino Hotels).

#### section 02

## Top 15 Inputs by Dollars

# Arts, Entertainment, Recreation and Visitor Industries Cluster

Industries	Estimated Input (\$ Millions), 2013	% In-Region	% Out of Region
Corporate, Subsidiary, and Regional Managing Offices	\$0.77	1%	99%
Lessors of Residential Buildings and Dwellings	\$0.42	19%	81%
Lessors of Nonresidential Buildings (except Miniwarehouses)	\$0.39	20%	80%
Offices of Lawyers	\$0.31	9%	91%
Offices of Real Estate Agents and Brokers	\$0.30	8%	92%
Other Activities Related to Real Estate	\$0.21	14%	86%
Independent Artists, Writers, and Performers	\$0.21	11%	89%
Lessors of Nonfinancial Intangible Assets (except Copyrighted Works) **	\$0.17	0%	100%
Advertising Agencies *	\$0.15	5%	95%
Residential Property Managers	\$0.14	8%	92%
Internet Publishing and Broadcasting and Web Search Portals **	\$0.12	0%	100%
Janitorial Services	\$0.11	51%	49%
Offices of Certified Public Accountants	\$0.11	24%	76%
Cheese Manufacturing **	\$0.11	0%	100%
Iron and Steel Mills and Ferroalloy Manufacturing *	\$0.10	0%	100%

Note: \* industry sector has less than 10 jobs as calculated by EMSI; \*\* industry sector is not present in the region.

### section 02

## Top 15 Inputs by Dollars

# Arts, Entertainment, Recreation and Visitor Industries Cluster



Note: \*\* industry sector is not present in the region.

### section 02

## Top Occupations

# Arts, Entertainment, Recreation and Visitor Industries Cluster

Occupations	Jobs 2014	% Change, 2009-2014	Median Hourly Earnings, 2014	Entry Level Education
Maids and Housekeeping Cleaners	38	-5%	\$7.9	Less than high school
Hotel, Motel, and Resort Desk Clerks	32	0%	\$9.0	High school diploma or equivalent
Recreation Workers	26	63%	\$9.7	Bachelor's degree
Musicians and Singers	19	36%	\$16.6	High school diploma or equivalent
Lodging Managers	18	29%	\$12.4	High school diploma or equivalent
Writers and Authors	14	27%	\$15.1	Bachelor's degree
Maintenance and Repair Workers, General	12	0%	\$12.5	High school diploma or equivalent

Note: SOC (Standard Occupation Classification) 5-digit occupations are included by jobs in 2014. Extended proprietors include estimates for underreported self employment, proprietorships, trusts, partnerships and cooperatives. EMSI does not show sufficient jobs for Counter Attendants, Cafeteria, Food Concession, and Coffee Shop; Combined Food Preparation and Serving Workers, Including Fast Food; Chefs and Head Cooks; Food Servers, Non restaurant; Waiters and Waitresses First-Line Supervisors of Food Preparation and Serving Workers; Cooks, Institution and Cafeteria; and Food Preparation Workers.

### section 02

## Shift-Share Analysis by Top Industry Sectors

### Primary Metal Manufacturing Cluster

Industries	Jobs 2014	National Trend, 2009-2014	Industry Trend, 2009-2014	Cumulative Expected Growth	Actual Job Growth, 2009-2014	Regional Performance, 2009-2014
		A	B	C=A+B	D	D-C
Secondary Smelting and Alloying of Aluminum	376	14	22	36	187	↑ 151

Note: Upward arrow (↑) indicates regional competitiveness. Only two types of Industry sectors exist in Primary Metal Manufacturing Cluster in the region. EMSI does not show sufficient jobs for Iron and Steel Mills and Ferroalloy Manufacturing.

## Top 15 Inputs by Dollars

### Primary Metal Manufacturing Cluster

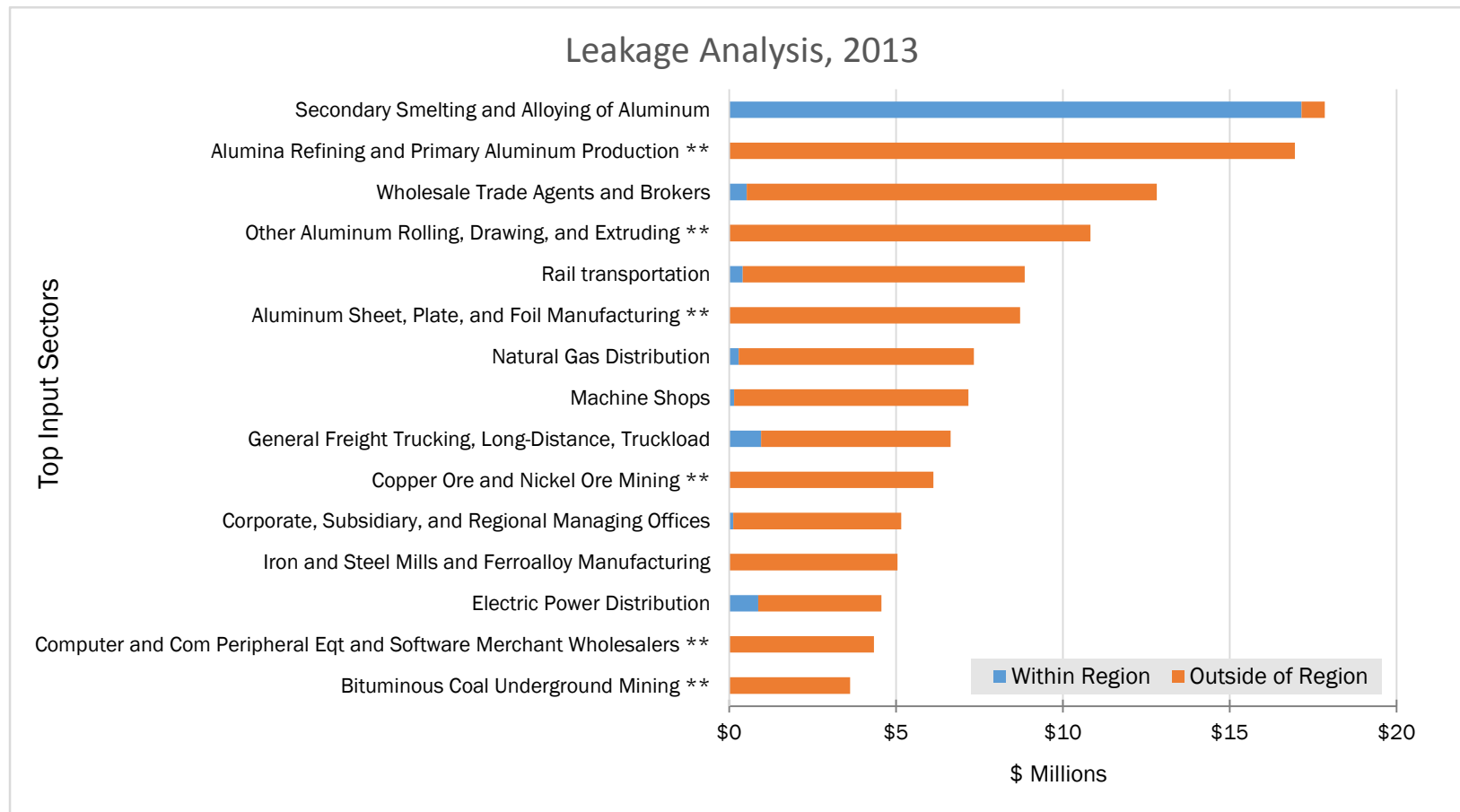
Industries	Estimated Input (\$ Millions), 2013	% In-Region	% Out of Region
Secondary Smelting and Alloying of Aluminum	\$17.84	96%	4%
Alumina Refining and Primary Aluminum Production **	\$16.95	0%	100%
Wholesale Trade Agents and Brokers	\$12.82	4%	96%
Other Aluminum Rolling, Drawing, and Extruding **	\$10.83	0%	100%
Rail transportation	\$8.85	5%	95%
Aluminum Sheet, Plate, and Foil Manufacturing **	\$8.72	0%	100%
Natural Gas Distribution	\$7.33	4%	96%
Machine Shops *	\$7.17	2%	98%
General Freight Trucking, Long-Distance, Truckload	\$6.64	14%	86%
Copper Ore and Nickel Ore Mining **	\$6.12	0%	100%
Corporate, Subsidiary, and Regional Managing Offices	\$5.15	2%	98%
Iron and Steel Mills and Ferroalloy Manufacturing *	\$5.04	0%	100%
Electric Power Distribution	\$4.56	19%	81%
Computer and Computer Peripheral Equipment and Software Merchant Wholesalers **	\$4.34	0%	100%
Bituminous Coal Underground Mining **	\$3.62	0%	100%

Note: \* industry sector has less than 10 jobs as calculated by EMSI; \*\* industry sector is not present in the region .

#### section 02

## Top 15 Inputs by Dollars

# Primary Metal Manufacturing Cluster



Note: \*\* industry sector is not present in the region.

### section 02



## Top Occupations

### Primary Metal Manufacturing Cluster

Occupations	Jobs 2014	% Change, 2009-2014	Median Hourly Earnings, 2014	Entry Level Education
Crane and Tower Operators	52	189%	\$21.2	High school diploma or equivalent
Metal-Refining Furnace Operators and Tenders	46	130%	\$14.5	High school diploma or equivalent
Maintenance and Repair Workers, General	30	131%	\$12.5	High school diploma or equivalent
First-Line Supervisors of Production and Operating Workers	19	90%	\$21.5	Postsecondary non-degree award
Industrial Truck and Tractor Operators	17	113%	\$12.9	Less than high school
Industrial Machinery Mechanics	17	143%	\$21.7	High school diploma or equivalent
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	15	88%	\$14.2	High school diploma or equivalent
Laborers and Freight, Stock, and Material Movers, Hand	13	117%	\$9.9	Less than high school
Production Workers, All Other	12	100%	\$14.8	High school diploma or equivalent
Helpers--Production Workers	11	83%	\$11.1	Less than high school

Note: SOC (Standard Occupation Classification) 5-digit occupations are included by jobs in 2014. Extended proprietors include estimates for underreported self employment, proprietorships, trusts, partnerships and cooperatives. EMSI does not show sufficient jobs for occupations such as Water and Wastewater Treatment Plant and System Operators; Chemical Plant and System Operators; Engineers, All Other; Network and Computer Systems Administrators; and Electro-Mechanical Technicians.

#### section 02

## Shift-Share Analysis by Top Industry Sectors

### Biomedical/Biotechnical (Life Sciences) Cluster

Industries	Jobs 2014	National Trend, 2009-2014	Industry Trend, 2009-2014	Cumulative Expected Growth	Actual Job Growth, 2009-2014	Regional Performance, 2009-2014
		A	B	C=A+B	D	D-C
Nursing Care Facilities (Skilled Nursing Facilities)	992	66	-61	5	124	↑ 119
Home Health Care Services	974	74	193	267	-6	-273
General Medical and Surgical Hospitals	751	51	-32	19	83	↑ 64
Residential Intellectual and Developmental Disability Facilities	426	32	4	36	8	-28
Pharmacies and Drug Stores	239	19	-24	-5	-8	-3
Other Residential Care Facilities	131	7	-10	-3	40	↑ 43
Specialty (except Psychiatric and Substance Abuse) Hospitals	116	2	1	3	86	↑ 83
Continuing Care Retirement Communities	98	14	17	31	-83	-114
Residential Mental Health and Substance Abuse Facilities	92	6	5	11	11	0
Assisted Living Facilities for the Elderly	78	3	3	6	33	↑ 27
Kidney Dialysis Centers	65	4	9	13	8	-5
Ambulance Services	40	3	1	4	-6	-10
Cosmetics, Beauty Supplies, and Perfume Stores	37	2	2	4	5	↑ 1
All Other Health and Personal Care Stores	16	0	0	0	10	↑ 10
All Other Miscellaneous Ambulatory Health Care Services	14	1	2	3	0	-3

Note: Upward arrow (↑) indicates regional competitiveness.

#### section 02

## Top 15 Inputs by Dollars

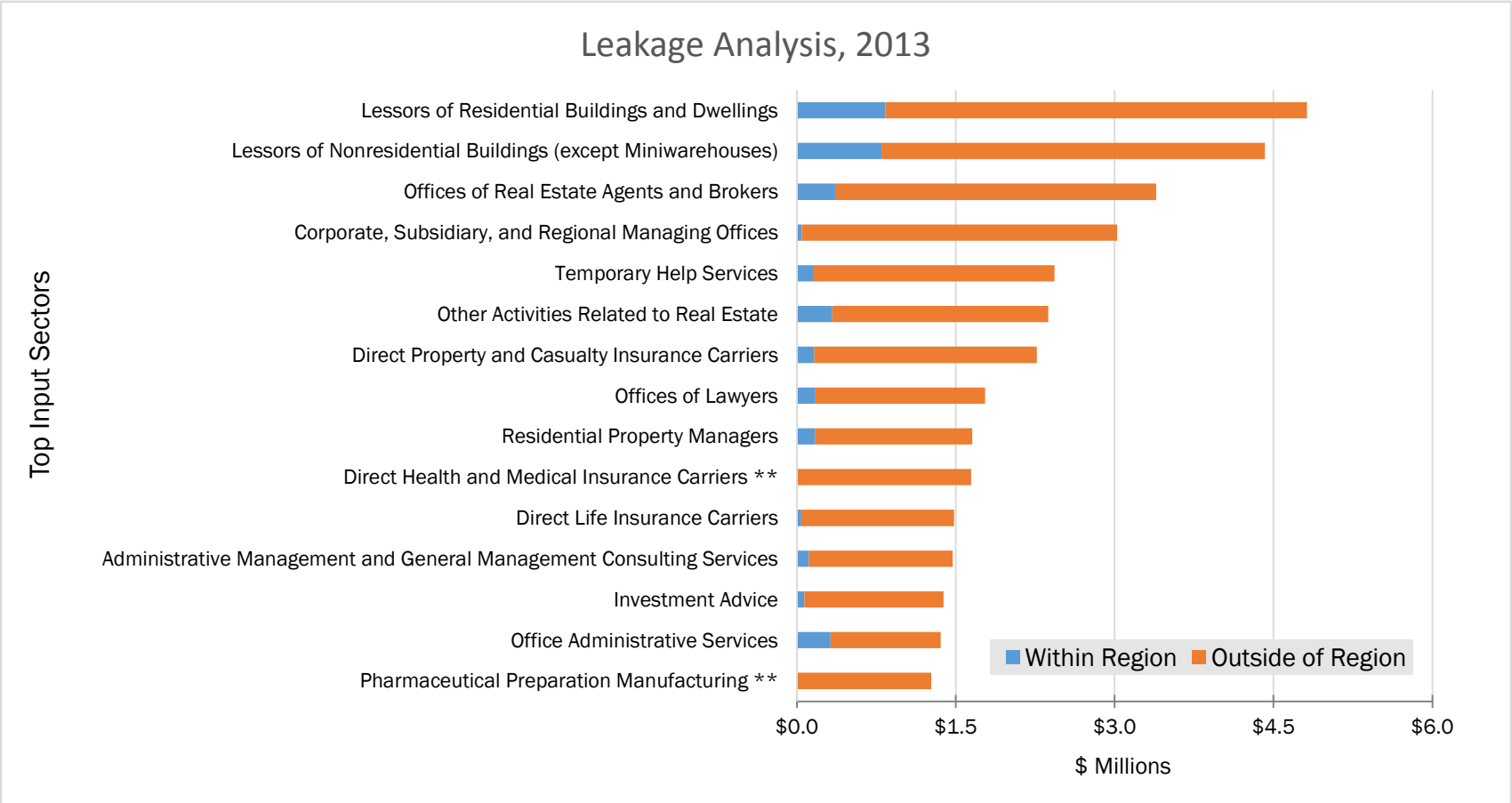
### Biomedical/Biotechnical (Life Sciences) Cluster

Industries	Estimated Input (\$ Millions), 2013	% In-Region	% Out of Region
Lessors of Residential Buildings and Dwellings	\$4.81	17%	83%
Lessors of Nonresidential Buildings (except Miniwarehouses)	\$4.42	18%	82%
Offices of Real Estate Agents and Brokers	\$3.39	11%	89%
Corporate, Subsidiary, and Regional Managing Offices	\$3.02	1%	99%
Temporary Help Services	\$2.43	7%	93%
Other Activities Related to Real Estate	\$2.37	14%	86%
Direct Property and Casualty Insurance Carriers	\$2.26	7%	93%
Offices of Lawyers	\$1.78	10%	90%
Residential Property Managers	\$1.66	10%	90%
Direct Health and Medical Insurance Carriers **	\$1.65	0%	100%
Direct Life Insurance Carriers	\$1.48	3%	97%
Administrative Management and General Management Consulting Services	\$1.47	8%	92%
Investment Advice	\$1.38	5%	95%
Office Administrative Services	\$1.36	23%	77%
Pharmaceutical Preparation Manufacturing **	\$1.27	0%	100%

Note: \* industry sector has less than 10 jobs as calculated by EMSI; \*\* industry sector is not present in the region .

# Top 15 Inputs by Dollars

## Biomedical/Biotechnical (Life Sciences) Cluster



Note: \*\* industry sector is not present in the region.

**section 02**

Source: EMSI Class of Worker 2014.4 (QCEW, non -QCEW, self-employed and extended proprietors).

## Top Occupations

### Biomedical/Biotechnical (Life Sciences) Cluster











Occupations	Jobs 2014	% Change, 2009-2014	Median Hourly Earnings, 2014	Entry Level Education
Nursing Assistants	599	10%	\$8.1	Postsecondary non-degree award
Personal Care Aides	537	0%	\$8.1	Less than high school
Home Health Aides	534	9%	\$8.1	Less than high school
Licensed Practical and Licensed Vocational Nurses	382	7%	\$15.2	Postsecondary non-degree award
Registered Nurses	369	9%	\$25.2	Associate's degree
Maids and Housekeeping Cleaners	107	10%	\$7.9	Less than high school
Cashiers	70	-5%	\$8.9	Less than high school
Pharmacists	58	4%	\$45.9	Doctoral or professional degree
Pharmacy Technicians	56	2%	\$13.4	High school diploma or equivalent
Cooks, Institution and Cafeteria	49	9%	\$8.5	Less than high school
Childcare Workers	46	31%	\$7.6	High school diploma or equivalent
Maintenance and Repair Workers, General	44	10%	\$12.5	High school diploma or equivalent
First-Line Supervisors of Retail Sales Workers	40	14%	\$14.2	High school diploma or equivalent
Food Preparation Workers	40	0%	\$9.0	Less than high school
Medical and Health Services Managers	39	11%	\$29.2	Bachelor's degree

Note: SOC (Standard Occupation Classification) 5-digit occupations are included by jobs in 2014. Extended proprietors include estimates for underreported self employment, proprietorships, trusts, partnerships and cooperatives.

#### section 02

## Shift-Share Analysis by Top Industry Sectors

### Energy (Fossil and Renewable) Cluster

Industries	Jobs 2014	National Trend, 2009-2014	Industry Trend, 2009-2014	Cumulative Expected Growth	Actual Job Growth, 2009-2014	Regional Performance, 2009-2014
		A	B	C=A+B	D	D-C
Gasoline Stations with Convenience Stores	401	25	-10	15	78	 63
Other Gasoline Stations	152	11	-8	3	10	 7
Other Heavy and Civil Engineering Construction	103	5	-8	-3	43	 46
Electrical Contractors and Other Wiring Installation Contractors	103	8	-7	1	-10	-11
Support Activities for Oil and Gas Operations	97	5	40	45	24	-21
Miscellaneous Intermediation	96	5	18	23	36	 13
Plumbing, Heating, and Air-Conditioning Contractors	82	5	-2	3	14	 11
Pipeline Transportation of Natural Gas	62	3	0	3	17	 14
Electric Power Distribution	61	3	15	18	17	-1
Fuel Dealers	49	3	-4	-1	14	 15
Other Scientific and Technical Consulting Services	47	5	4	9	-15	-24
Water and Sewer Line and Related Structures Construction	43	3	-4	-1	6	 7
Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing	32	1	3	4	14	 10
Miscellaneous Financial Investment Activities	32	1	4	5	21	 16
Crude Petroleum and Natural Gas Extraction	27	3	3	6	-10	-16

Note: Upward arrow () indicates regional competitiveness.

#### section 02

## Top 15 Inputs by Dollars

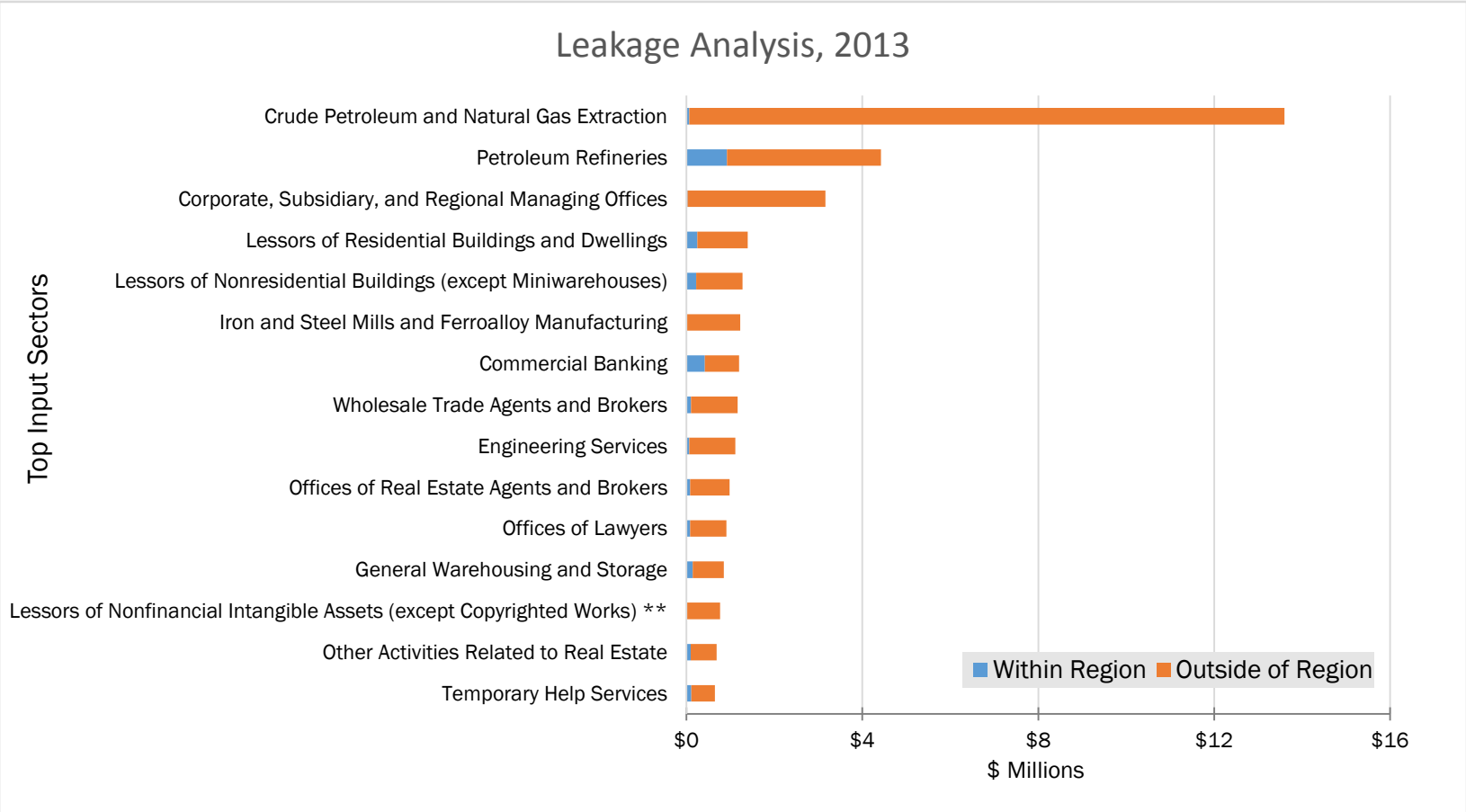
### Energy (Fossil and Renewable) Cluster

Industries	Estimated Input (\$ Millions), 2013	% In-Region	% Out of Region
Crude Petroleum and Natural Gas Extraction	\$13.60	0%	100%
Petroleum Refineries *	\$4.42	21%	79%
Corporate, Subsidiary, and Regional Managing Offices	\$3.16	1%	99%
Lessors of Residential Buildings and Dwellings	\$1.39	18%	82%
Lessors of Nonresidential Buildings (except Miniwarehouses)	\$1.27	17%	83%
Iron and Steel Mills and Ferroalloy Manufacturing *	\$1.22	0%	100%
Commercial Banking	\$1.19	35%	65%
Wholesale Trade Agents and Brokers	\$1.17	9%	91%
Engineering Services	\$1.11	6%	94%
Offices of Real Estate Agents and Brokers	\$0.98	9%	91%
Offices of Lawyers	\$0.91	9%	91%
General Warehousing and Storage	\$0.85	17%	83%
Lessors of Nonfinancial Intangible Assets (except Copyrighted Works) **	\$0.77	0%	100%
Other Activities Related to Real Estate	\$0.68	14%	86%
Temporary Help Services	\$0.65	17%	83%

Note: \* industry sector has less than 10 jobs as calculated by EMSI; \*\* industry sector is not present in the region .

# Top 15 Inputs by Dollars

## Energy (Fossil and Renewable) Cluster



Note: \*\* industry sector is not present in the region.

**section 02**

Source: EMSI Class of Worker 2014.4 (QCEW, non -QCEW, self-employed and extended proprietors).



## Top Occupations

### Energy (Fossil and Renewable) Cluster

Occupations	Jobs 2014	% Change, 2009-2014	Median Hourly Earnings, 2014	Entry Level Education
Cashiers	396	21%	\$8.9	Less than high school
First-Line Supervisors of Retail Sales Workers	64	7%	\$14.2	High school diploma or equivalent
Construction Laborers	57	-8%	\$11.1	Less than high school
Personal Financial Advisors	55	90%	\$24.0	Bachelor's degree
Carpenters	40	21%	\$12.8	High school diploma or equivalent
Securities, Commodities, and Financial Services Sales Agents	34	70%	\$19.5	Bachelor's degree
First-Line Supervisors of Construction Trades and Extraction Workers	32	-11%	\$16.0	High school diploma or equivalent
Managers, All Other	29	45%	\$21.1	High school diploma or equivalent
Electricians	27	-4%	\$14.6	High school diploma or equivalent
Management Analysts	26	-16%	\$25.4	Bachelor's degree
Heavy and Tractor-Trailer Truck Drivers	23	-12%	\$17.1	Postsecondary non-degree award
General and Operations Managers	22	-12%	\$31.8	Bachelor's degree
First-Line Supervisors of Non-Retail Sales Workers	22	83%	\$15.1	High school diploma or equivalent
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	19	0%	\$10.9	High school diploma or equivalent
Office Clerks, General	19	0%	\$9.3	High school diploma or equivalent

Note: SOC (Standard Occupation Classification) 5-digit occupations are included by jobs in 2014. Extended proprietors include estimates for underreported self employment, proprietorships, trusts, partnerships and cooperatives.

## Shift-Share Analysis by Top Industry Sectors

### Transportation and Logistics Cluster

Industries	Jobs 2014	National Trend, 2009-2014	Industry Trend, 2009-2014	Cumulative Expected Growth	Actual Job Growth, 2009-2014	Regional Performance, 2009-2014
		A	B	C=A+B	D	D-C
General Freight Trucking, Long-Distance, Truckload	149	11	-5	6	-3	-9
General Freight Trucking, Local	91	6	-3	3	17	↑ 14
Pipeline Transportation of Natural Gas	62	3	0	3	17	↑ 14
Specialized Freight (except Used Goods) Trucking, Local	61	7	3	10	-26	-36
Farm Product Warehousing and Storage	58	4	4	8	10	↑ 2
Couriers and Express Delivery Services	39	2	1	3	10	↑ 7
Rail transportation	33	3	2	5	-3	-8
Packaging and Labeling Services	32	0	0	0	27	↑ 27
General Warehousing and Storage	30	1	2	3	15	↑ 12
Port and Harbor Operations	26	1	-1	0	16	↑ 16
Other Support Activities for Air Transportation	21	2	0	2	-6	-8
General Freight Trucking, Long-Distance, Less Than Truckload	12	1	1	2	-3	-5
Specialized Freight (except Used Goods) Trucking, Long-Distance	11	1	1	2	3	↑ 1
Other Warehousing and Storage	11	0	1	1	5	↑ 4

Note: Upward arrow (↑) indicates regional competitiveness. EMSI does not show sufficient jobs for Motor Vehicle Towing.

#### section 02

## Top 15 Inputs by Dollars

# Transportation and Logistics Cluster

Industries	Estimated Input (\$ Millions), 2013	% In-Region	% Out of Region
Couriers and Express Delivery Services	\$2.45	13%	87%
General Warehousing and Storage	\$1.57	22%	78%
US Postal Service	\$1.11	46%	54%
Freight Transportation Arrangement *	\$1.02	3%	97%
Lessors of Residential Buildings and Dwellings	\$0.89	19%	81%
Lessors of Nonresidential Buildings (except Miniwarehouses)	\$0.81	17%	83%
Corporate, Subsidiary, and Regional Managing Offices	\$0.72	1%	99%
Crude Petroleum and Natural Gas Extraction	\$0.68	0%	100%
Offices of Real Estate Agents and Brokers	\$0.62	8%	92%
Wholesale Trade Agents and Brokers	\$0.60	9%	91%
Temporary Help Services	\$0.60	12%	88%
Other Support Activities for Air Transportation	\$0.47	16%	84%
Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing	\$0.44	39%	61%
Other Activities Related to Real Estate	\$0.44	15%	85%
Rail transportation	\$0.44	16%	84%

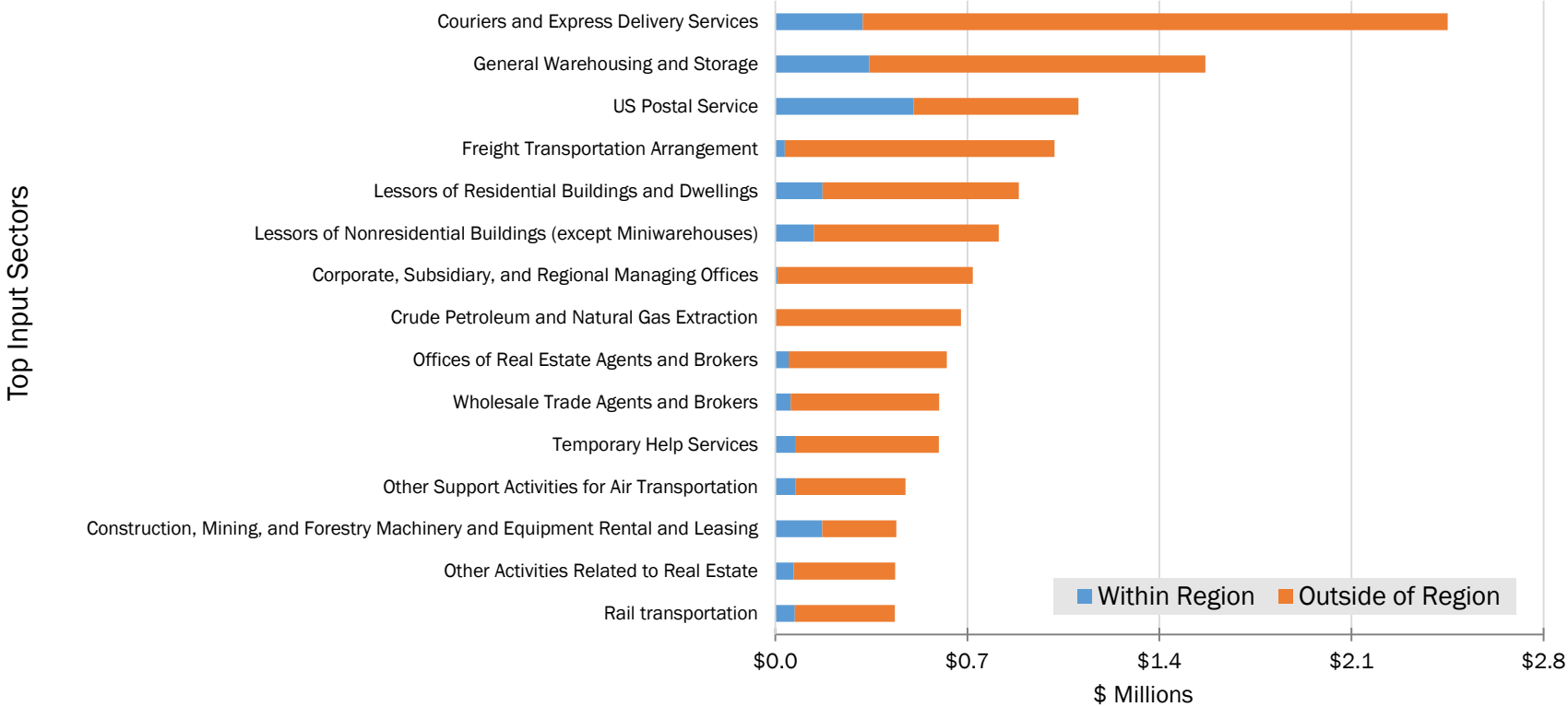
Note: \* industry sector has less than 10 jobs as calculated by EMSI; \*\* industry sector is not present in the region .

### section 02

# Top 15 Inputs by Dollars

## Transportation and Logistics Cluster

Leakage Analysis, 2013



Note: \*\* industry sector is not present in the region.

**section 02**

Source: EMSI Class of Worker 2014.4 (QCEW, non -QCEW, self-employed and extended proprietors).

## Top Occupations

# Transportation and Logistics Cluster

Occupations	Jobs 2014	% Change, 2009-2014	Median Hourly Earnings, 2014	Entry Level Education
Heavy and Tractor-Trailer Truck Drivers	246	-2%	\$17.1	Postsecondary non-degree award
Laborers and Freight, Stock, and Material Movers, Hand	58	14%	\$9.9	Less than high school
Light Truck or Delivery Services Drivers	36	9%	\$11.5	High school diploma or equivalent
Managers, All Other	30	76%	\$21.1	High school diploma or equivalent
Couriers and Messengers	17	42%	\$10.1	High school diploma or equivalent
Industrial Truck and Tractor Operators	14	17%	\$12.9	Less than high school

Note: SOC (Standard Occupation Classification) 5-digit occupations are included by jobs in 2014. Extended proprietors include estimates for underreported self employment, proprietorships, trusts, partnerships and cooperatives. EMSI does not show sufficient jobs for Court, Municipal, and License Clerks; Aircraft Mechanics and Service Technicians; Public Relations Specialists; Surveying and Mapping Technicians; Gas Plant Operators; Plant and System Operators, All Other; Petroleum Pump System Operators, Refinery Operators, and Gaugers; Electrical and Electronics Engineering Technicians; and Customer Service Representatives.

### section 02

# Report Contributors

This report was prepared by the Purdue Center for Regional Development, in partnership with the Southern Rural Development Center and USDA Rural Development, in support of the Stronger Economies Together program.



## Report Authors

Bo Beaulieu, PhD  
Indraneel Kumar, PhD  
Andrey Zhalnin, PhD



## Data Analysis

Ayoung Kim



## Report Design

Tyler Wright

This report was supported, in part, by grant from the USDA Rural Development through the auspices of the Southern Rural Development Center. It was produced in support of the Stronger Economies Together (SET) program.

**PURDUE**  
UNIVERSITY



**Center for Regional Development**  
Advancing Collaboration : Energizing Regions

The Purdue Center for Regional Development (PCRD) seeks to pioneer new ideas and strategies that contribute to regional collaboration, innovation and prosperity.

**For more information,**  
please contact:

Dr. Bo Beaulieu,  
PCRD Director:  
[ljb@purdue.edu](mailto:ljb@purdue.edu)

Or

765-494-7273

February 2016