



# Regional Data Snapshot

*Target Industry Clusters*

*SET Session 2*

**Uwharrie Region, North Carolina**

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# 01 overview

**Stanly**

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**Montgomery**

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**Anson**

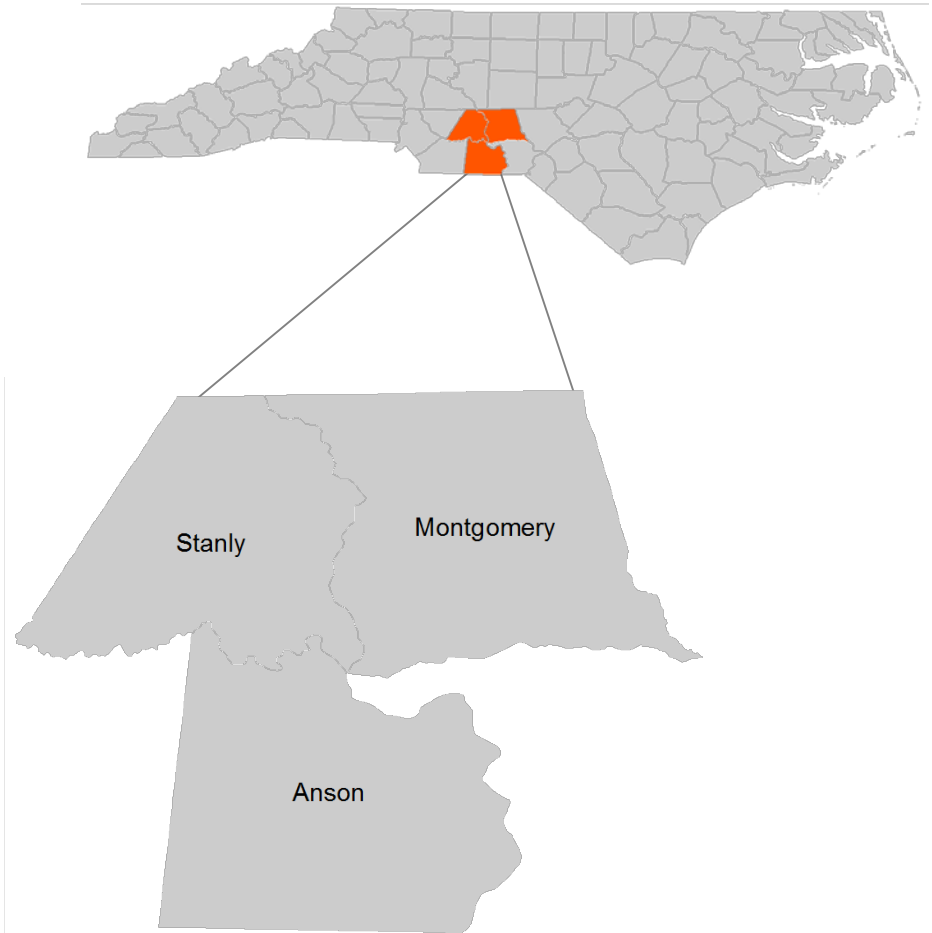
## Overview

# Uwharrie Region, NC

The Uwharrie Region is comprised of 3 North Carolina counties. Interstate 74 crosses the eastern part of the region connecting it to Winston-Salem and Greensboro. Several state highways connect the region to Charlotte.

Charlotte International Airport is the major airport serving more than 40 million passengers annually.

- Stanly
- Montgomery
- Anson



# 02

## target industry clusters

**Apparel and Textiles**

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**Forest and Wood Products**

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**Fabricated Metal Manufacturing.**

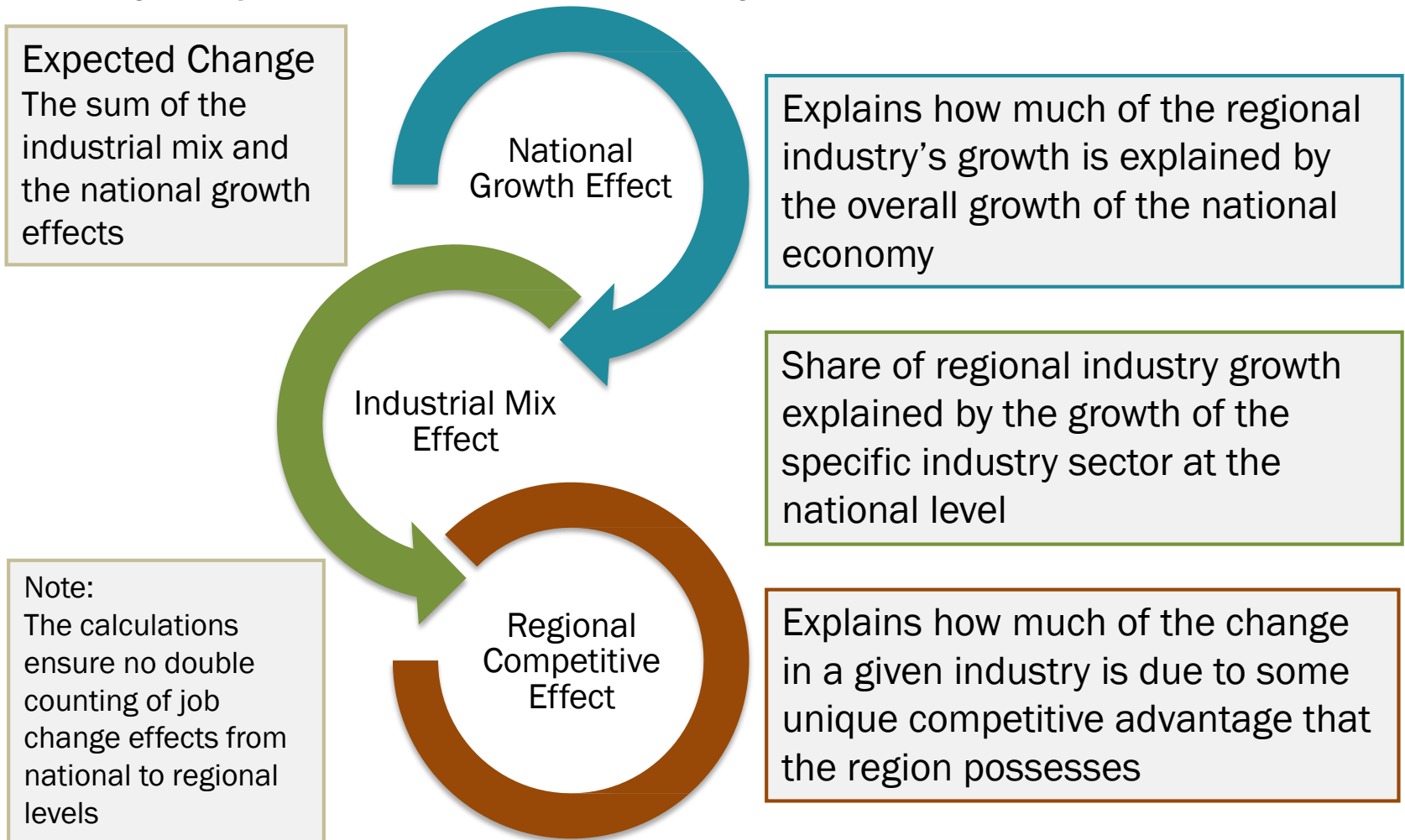
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**Agriculture and Food Processing**

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# Regional Job Growth:

## Three Key Components of the Shift-Share Analysis



## Shift-Share Analysis (Regional Performance) by Top Industry Sectors

# Apparel and Textiles

Industries	Jobs 2016	National Trend, 2010-2016	Industry Trend, 2010-2016	Cumulative Expected Growth	Actual Job Growth, 2010-2016	Regional Performance, 2010-2016
		A	B	C=A+B	D	D-C
Carpet and Rug Mills	630	60	-101	-41	119	↑ 161
Upholstered Household Furniture Manufacturing	514	51	44	95	80	-15
Artificial and Synthetic Fibers and Filaments Manufacturing	292	14	-17	-3	171	↑ 173
Broadwoven Fabric Mills	291	25	-30	-5	78	↑ 83
Fiber, Yarn, and Thread Mills	239	17	-14	3	92	↑ 89
Knit Fabric Mills	146	31	-50	-19	-118	-99
Hosiery and Sock Mills	92	12	-43	-31	-15	↑ 16
Men's and Boys' Cut and Sew Apparel Manufacturing	84	17	-25	-8	-63	-56
Textile and Fabric Finishing Mills	63	19	-37	-18	-102	-84
Cut and Sew Apparel Contractors	41	3	-3	0	19	↑ 20
Graphic Design Services	23	1	-1	0	11	↑ 10
All Other Miscellaneous Textile Product Mills	20	5	3	8	-21	-28
Women's, Children's, and Infants' Clothing and Accessories Merchant Wholesalers	20	1	3	4	8	↑ 3
Other Cut and Sew Apparel Manufacturing	19	3	-5	-2	-8	-6
Commercial Screen Printing	15	1	1	2	Insf. Data	↑ 8

-Note: Upward arrow  indicates regional competitiveness.

### section 02

## Shift-Share Analysis

# Apparel and Textiles

### Industries that Outperformed

- 
- Artificial and Synthetic Fibers and Filaments Manufacturing
  - Carpet and Rug Mills
  - Fiber, Yarn, and Thread Mills
  - Broadwoven Fabric Mills
  - Cut and Sew Apparel Contractors
  - Hosiery and Sock Mills
  - Graphic Design Services
  - Commercial Screen Printing
  - Women's, Children's, and Infants' Clothing and Accessories Merchant Wholesalers

### Industries that Underperformed

- 
- Other Cut and Sew Apparel Manufacturing
  - Upholstered Household Furniture Manufacturing
  - All Other Miscellaneous Textile Product Mills
  - Men's and Boys' Cut and Sew Apparel Manufacturing
  - Textile and Fabric Finishing Mills
  - Knit Fabric Mills



## Top Industry Sectors

# Apparel and Textiles

Industries	Exports 2016 (\$ Millions)	Jobs 2016	Export per Job 2016 (\$)	LQ 2016
Carpet and Rug Mills	132.63	630	210,444	76.96
Upholstered Household Furniture Manufacturing	67.77	514	131,862	31.11
Artificial and Synthetic Fibers and Filaments Manufacturing	59.24	292	203,132	44.46
Broadwoven Fabric Mills	61.12	291	209,956	40.49
Fiber, Yarn, and Thread Mills	33.40	239	139,933	31.10
Knit Fabric Mills	20.81	146	142,155	81.62
Hosiery and Sock Mills	9.33	92	101,629	41.74
Men's and Boys' Cut and Sew Apparel Manufacturing	6.19	84	73,921	10.88
Textile and Fabric Finishing Mills	8.33	63	133,262	8.74
Cut and Sew Apparel Contractors	2.74	41	66,376	2.43
Graphic Design Services	0.14	23	6,022	0.41
All Other Miscellaneous Textile Product Mills	1.05	20	52,688	1.89
Women's, Children's, and Infants' Clothing and Accessories Merchant Wholesalers	1.14	20	58,597	0.76
Other Cut and Sew Apparel Manufacturing	3.95	19	202,871	4.53
Commercial Screen Printing	0.81	15	54,577	0.64

Note: Sorted similarly as the shift-share analysis slide.

### section 02

## Top 15 Inputs by Dollars

# Apparel and Textiles

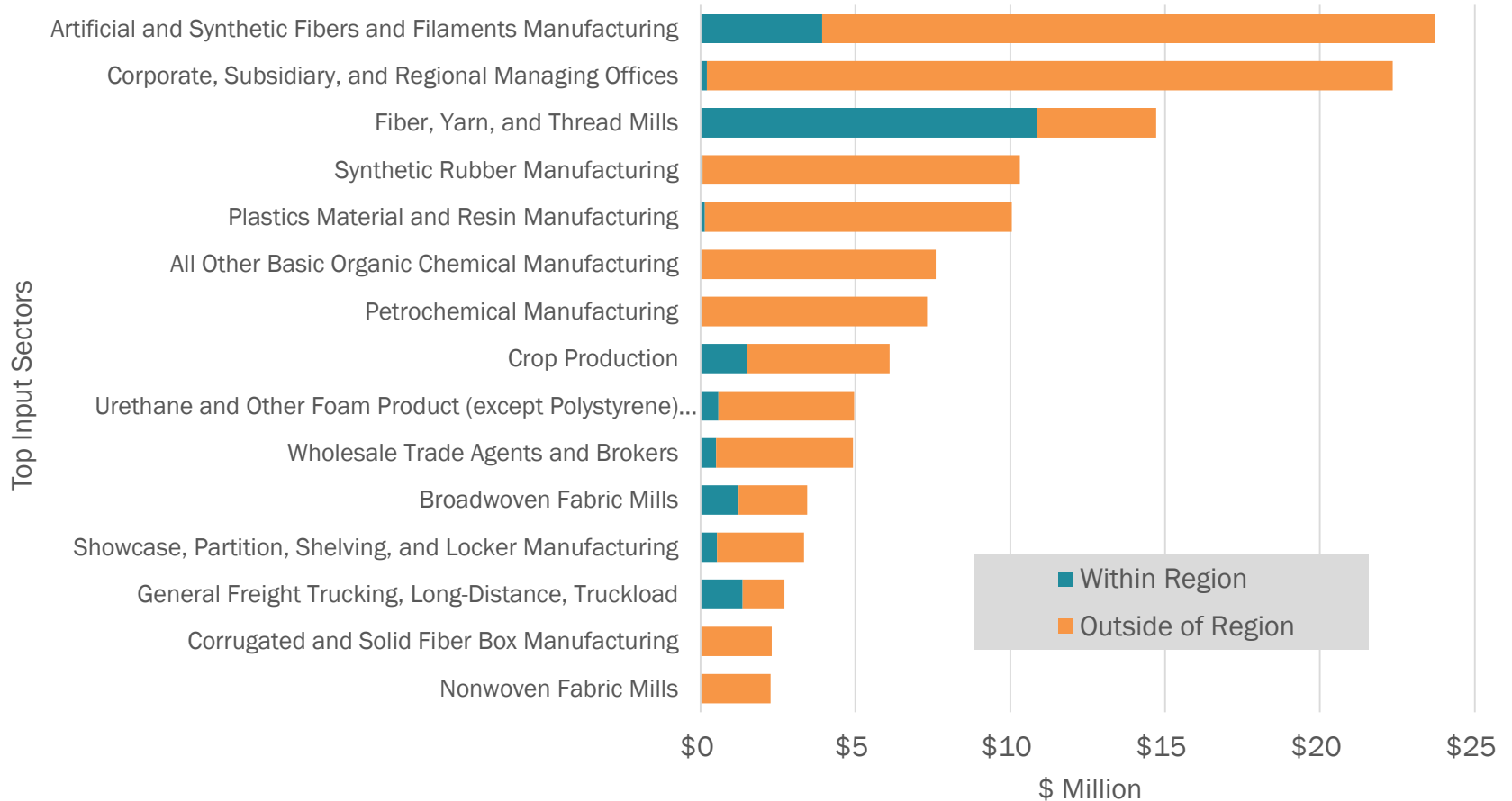
Industries	Estimated Input (\$ Millions), 2016	% In-Region	% Out of Region
Artificial and Synthetic Fibers and Filaments Manufacturing	\$23.71	16.6%	83.4%
Corporate, Subsidiary, and Regional Managing Offices	\$22.35	0.9%	99.1%
Fiber, Yarn, and Thread Mills	\$14.71	74.0%	26.0%
Synthetic Rubber Manufacturing	\$10.31	0.7%	99.3%
Plastics Material and Resin Manufacturing	\$10.05	1.4%	98.6%
All Other Basic Organic Chemical Manufacturing	\$7.60	0.0%	100.0%
Petrochemical Manufacturing	\$7.31	0.0%	100.0%
Crop Production	\$6.10	24.6%	75.4%
Urethane and Other Foam Product (except Polystyrene) Manufacturing	\$4.96	11.7%	88.3%
Wholesale Trade Agents and Brokers	\$4.93	10.2%	89.8%
Broadwoven Fabric Mills	\$3.45	35.6%	64.4%
Showcase, Partition, Shelving, and Locker Manufacturing	\$3.34	15.8%	84.2%
General Freight Trucking, Long-Distance, Truckload	\$2.71	50.2%	49.8%
Corrugated and Solid Fiber Box Manufacturing	\$2.30	0.0%	100.0%
Nonwoven Fabric Mills	\$2.27	0.0%	100.0%

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## Top 15 Inputs by Dollars

# Apparel and Textiles

Leakage Analysis 2016



### section 02

## Top Occupations








# Apparel and Textiles

Occupations	Jobs 2016	% Change, 2010-2016	Median Hr. Earnings	Entry Level Education
Sewing Machine Operators	329	9%	\$9.73	No formal educational credential
Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	268	31%	\$10.85	High school diploma or equivalent
Textile Knitting and Weaving Machine Setters, Operators, and Tenders	237	0%	\$10.94	High school diploma or equivalent
First-Line Supervisors of Production and Operating Workers	77	8%	\$24.12	High school diploma or equivalent
Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	74	42%	\$13.13	High school diploma or equivalent
Inspectors, Testers, Sorters, Samplers, and Weighers	67	5%	\$13.12	High school diploma or equivalent
Laborers and Freight, Stock, and Material Movers, Hand	62	13%	\$11.00	No formal educational credential
Upholsterers	61	22%	\$14.47	High school diploma or equivalent
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	60	25%	\$13.63	High school diploma or equivalent
Team Assemblers	59	20%	\$12.99	High school diploma or equivalent
Textile, Apparel, and Furnishings Workers, All Other	58	14%	\$8.95	High school diploma or equivalent
Helpers--Production Workers	53	2%	\$11.15	No formal educational credential
Industrial Machinery Mechanics	50	28%	\$17.70	High school diploma or equivalent
Cabinetmakers and Bench Carpenters	48	20%	\$14.84	High school diploma or equivalent
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	42	8%	\$23.22	High school diploma or equivalent

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## Shift-Share Analysis (Regional Performance) by Top Industry Sectors

# Forest and Wood Products

Industries	Jobs 2016	National Trend, 2010-2016	Industry Trend, 2010-2016	Cumulative Expected Growth	Actual Job Growth, 2010-2016	Regional Performance, 2010-2016
		A	B	C=A+B	D	D-C
Sawmills	709	64	-18	46	165	 118
Upholstered Household Furniture Manufacturing	514	51	44	95	80	-15
Logging	382	30	32	62	123	 61
Manufactured Home (Mobile Home) Manufacturing	292	45	34	79	-95	-175
Saw Blade and Handtool Manufacturing	218	22	-35	-13	31	 44
Wood Kitchen Cabinet and Countertop Manufacturing	204	11	5	16	109	 93
Truss Manufacturing	179	13	36	49	68	 19
Reconstituted Wood Product Manufacturing	157	12	1	13	54	 41
Wood Container and Pallet Manufacturing	128	27	7	34	-105	-139
All Other Converted Paper Product Manufacturing	127	14	-7	7	5	-3
Finish Carpentry Contractors	111	16	2	18	-29	-48
Showcase, Partition, Shelving, and Locker Manufacturing	71	25	-17	8	-140	-148
Flooring Contractors	55	6	2	8	0	-9
Framing Contractors	53	6	6	12	-2	-14
Cut Stock, Resawing Lumber, and Planing	51	0	0	0	Insf. Data	 50


Note: Upward arrow  indicates regional competitiveness.

### section 02

## Shift-Share Analysis

# Forest and Wood Products

### Industries that Outperformed

- 
- Sawmills
  - Wood Kitchen Cabinet and Countertop Manufacturing
  - Logging
  - Cut Stock, Resawing Lumber, and Planing
  - Saw Blade and Handtool Manufacturing
  - Reconstituted Wood Product Manufacturing
  - Truss Manufacturing

### Industries that Underperformed

- 
- All Other Converted Paper Product Manufacturing
  - Flooring Contractors
  - Framing Contractors
  - Upholstered Household Furniture Manufacturing
  - Finish Carpentry Contractors
  - Wood Container and Pallet Manufacturing
  - Showcase, Partition, Shelving, and Locker Manufacturing
  - Manufactured Home (Mobile Home) Manufacturing

## Top Industry Sectors

# Forest and Wood Products

Industries	Exports 2016 (\$ Millions)	Jobs 2016	Export per job 2016 (\$)	LQ 2016
Sawmills	206.29	709	291,116	30.79
Upholstered Household Furniture Manufacturing	67.77	514	131,862	31.11
Logging	23.13	382	60,518	12.34
Manufactured Home (Mobile Home) Manufacturing	56.39	292	193,230	48.31
Saw Blade and Handtool Manufacturing	45.73	218	210,111	29.12
Wood Kitchen Cabinet and Countertop Manufacturing	24.82	204	121,561	5.89
Truss Manufacturing	39.68	179	221,515	24.00
Reconstituted Wood Product Manufacturing	50.90	157	324,369	43.77
Wood Container and Pallet Manufacturing	15.01	128	117,524	7.34
All Other Converted Paper Product Manufacturing	23.22	127	183,224	29.35
Finish Carpentry Contractors	5.90	111	53,265	1.12
Showcase, Partition, Shelving, and Locker Manufacturing	6.18	71	87,498	5.83
Flooring Contractors	0.36	55	6,538	1.03
Framing Contractors	2.63	53	49,493	1.64
Cut Stock, Resawing Lumber, and Planing	4.77	51	93,001	12.27

Note: Sorted similarly as the shift-share analysis slide.

### section 02

## Top 15 Inputs by Dollars

# Forest and Wood Products

Industries	Estimated Input (\$ Millions), 2016	% In-Region	% Out of Region
Sawmills	\$53.87	100.0%	0.0%
Logging	\$48.64	38.9%	61.1%
Corporate, Subsidiary, and Regional Managing Offices	\$24.80	1.7%	98.3%
Wholesale Trade Agents and Brokers	\$9.83	9.3%	90.7%
Wood Preservation	\$6.27	61.9%	38.1%
Timber Tract Operations	\$5.87	5.2%	94.8%
General Freight Trucking, Long-Distance, Truckload	\$5.64	27.9%	72.1%
Rail transportation	\$4.97	56.7%	43.3%
Farm Labor Contractors and Crew Leaders	\$4.79	46.2%	53.8%
Wood Window and Door Manufacturing	\$4.52	14.8%	85.2%
Crop Production	\$4.39	35.2%	64.8%
Iron and Steel Mills and Ferroalloy Manufacturing	\$4.32	0.0%	100.0%
Urethane and Other Foam Product (except Polystyrene) Manufacturing	\$4.30	12.6%	87.4%
Truss Manufacturing	\$4.22	89.6%	10.4%
Showcase, Partition, Shelving, and Locker Manufacturing	\$3.93	15.5%	84.5%

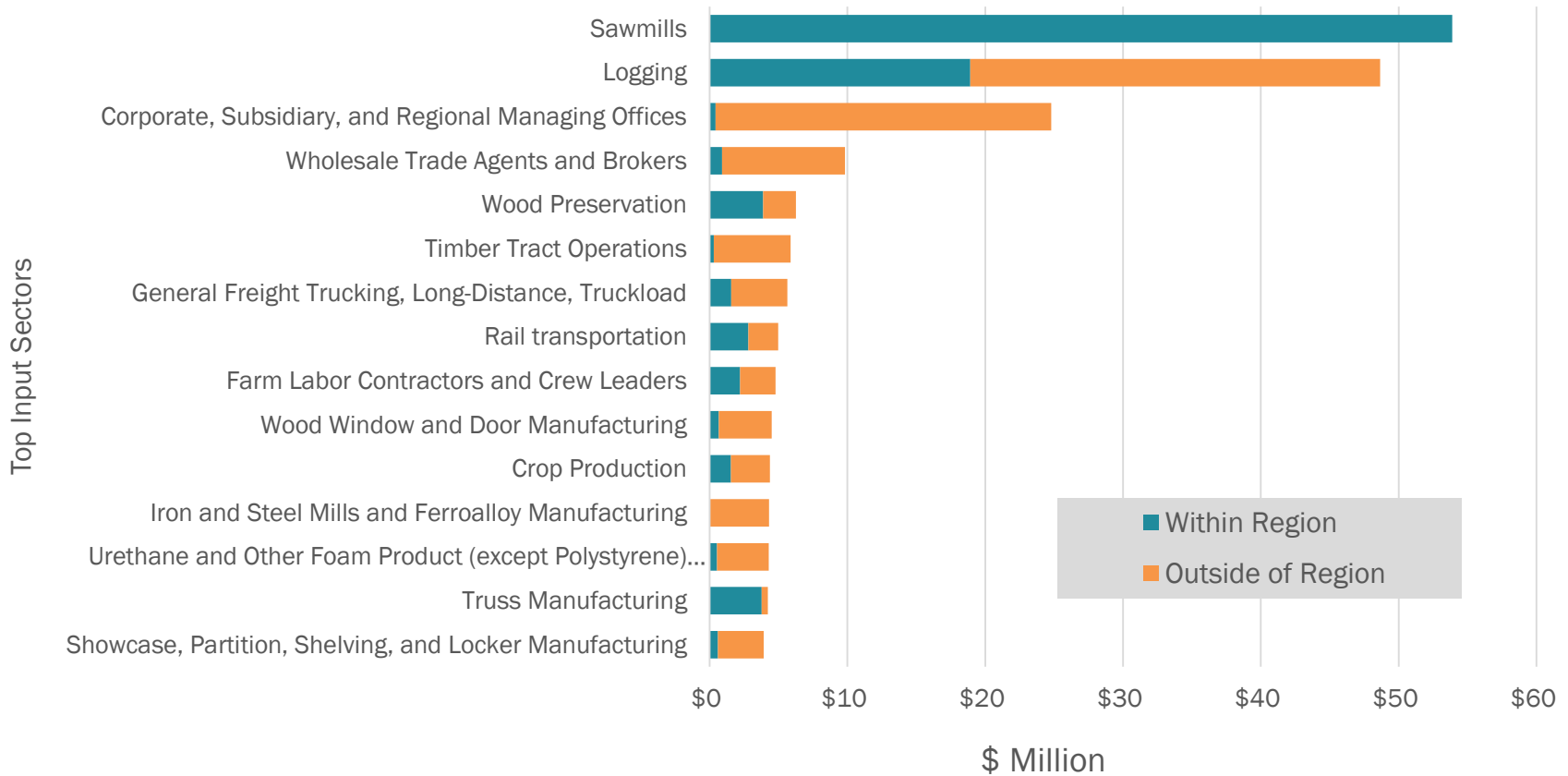
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## Top 15 Inputs by Dollars

# Forest and Wood Products

Leakage Analysis 2016



### section 02

## Top Occupations

# Forest and Wood Products

Occupations	Jobs 2016	% Change, 2010-2016	Median Hr. Earnings	Entry Level Education
Sawing Machine Setters, Operators, and Tenders, Wood	354	28%	\$14.16	High school diploma or equivalent
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	351	15%	\$13.63	High school diploma or equivalent
Team Assemblers	246	5%	\$12.99	High school diploma or equivalent
Logging Equipment Operators	215	44%	\$14.11	High school diploma or equivalent
Laborers and Freight, Stock, and Material Movers, Hand	170	12%	\$11.00	No formal educational credential
Cabinetmakers and Bench Carpenters	117	3%	\$14.84	High school diploma or equivalent
Heavy and Tractor-Trailer Truck Drivers	101	23%	\$17.93	Postsecondary nondegree award
Carpenters	96	-5%	\$14.32	High school diploma or equivalent
First-Line Supervisors of Production and Operating Workers	94	9%	\$24.12	High school diploma or equivalent
Industrial Truck and Tractor Operators	86	18%	\$13.37	No formal educational credential
Helpers--Production Workers	83	15%	\$11.15	No formal educational credential
Paper Goods Machine Setters, Operators, and Tenders	67	5%	\$11.43	High school diploma or equivalent
Construction Laborers	63	21%	\$13.22	No formal educational credential
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	59	-2%	\$23.22	High school diploma or equivalent
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	55	51%	\$13.51	High school diploma or equivalent

**section 02**

## Shift-Share Analysis (Regional Performance) by Top Industry Sectors

# Fabricated Metal Product Manufacturing

Industries	Jobs 2016	National Trend, 2010-2016	Industry Trend, 2010-2016	Cumulative Expected Growth	Actual Job Growth, 2010-2016	Regional Performance, 2010-2016
		A	B	C=A+B	D	D-C
Saw Blade and Handtool Manufacturing	218	22	-35	-13	31	↑ 44
Machine Shops	155	12	3	15	53	↑ 38
Fabricated Pipe and Pipe Fitting Manufacturing	90	8	10	18	22	↑ 3
Other Metal Container Manufacturing	89	6	-5	1	38	↑ 37
Sheet Metal Work Manufacturing	81	14	6	20	-40	-61
Bolt, Nut, Screw, Rivet, and Washer Manufacturing	74	7	1	8	11	↑ 3
Prefabricated Metal Building and Component Manufacturing	72	4	0	4	42	↑ 38
Nonferrous Forging	49	0	0	0	49	↑ 49
Industrial Valve Manufacturing	42	0	0	0	Insf. Data	↑ 38
Plate Work Manufacturing	22	5	-3	2	-18	-20
All Other Miscellaneous Fabricated Metal Product Manufacturing	11	0	0	0	Insf. Data	↑ 9


Note: Upward arrow (↑) indicates regional competitiveness.

### section 02

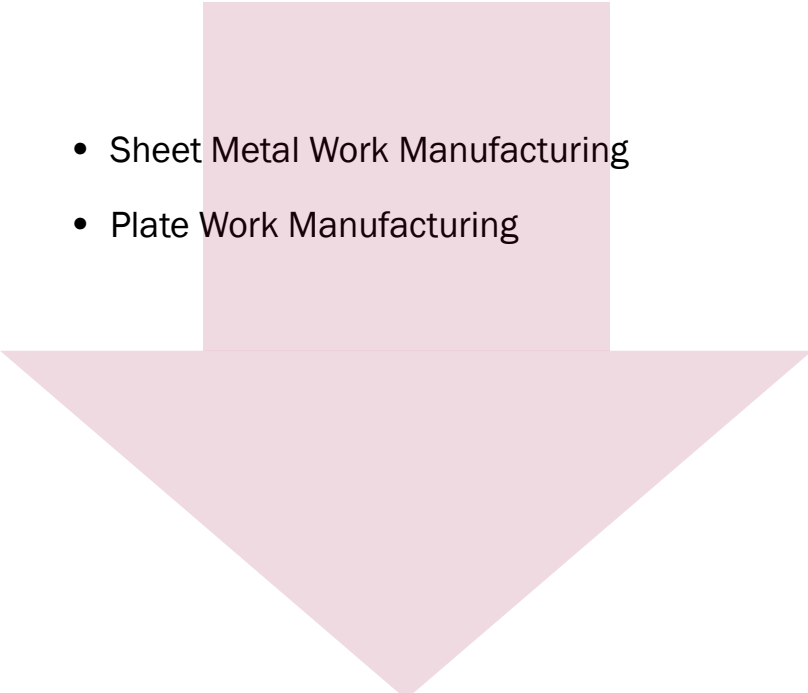
## Shift-Share Analysis

# Fabricated Metal Product Manufacturing

### Industries that Outperformed

- 
- Nonferrous Forging
  - Saw Blade and Handtool Manufacturing
  - Industrial Valve Manufacturing
  - Machine Shops
  - Prefabricated Metal Building and Component Manufacturing
  - Other Metal Container Manufacturing
  - All Other Miscellaneous Fabricated Metal Product Manufacturing
  - Fabricated Pipe and Pipe Fitting Manufacturing
  - Bolt, Nut, Screw, Rivet, and Washer Manufacturing

### Industries that Underperformed

- 
- Sheet Metal Work Manufacturing
  - Plate Work Manufacturing

## Top Industry Sectors

# Fabricated Metal Product Manufacturing

Industries	Exports 2016 (\$ Millions)	Jobs 2016	Export per job 2016 (\$)	LQ 2016
Saw Blade and Handtool Manufacturing	45.73	218	210,111	29.12
Machine Shops	17.77	155	114,960	2.02
Fabricated Pipe and Pipe Fitting Manufacturing	16.54	90	183,407	10.01
Other Metal Container Manufacturing	24.46	89	274,425	22.57
Sheet Metal Work Manufacturing	11.07	81	137,398	2.88
Bolt, Nut, Screw, Rivet, and Washer Manufacturing	24.72	74	332,237	7.29
Prefabricated Metal Building and Component Manufacturing	17.47	72	243,555	9.25
Nonferrous Forging	14.68	49	298,076	25.89
Industrial Valve Manufacturing	6.40	42	150,848	6.47
Plate Work Manufacturing	4.03	22	182,370	1.91
All Other Miscellaneous Fabricated Metal Product Manufacturing	1.23	11	107,716	0.54

Note: Sorted similarly as the shift-share analysis slide.

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## Top 15 Inputs by Dollars

# Fabricated Metal Product Manufacturing

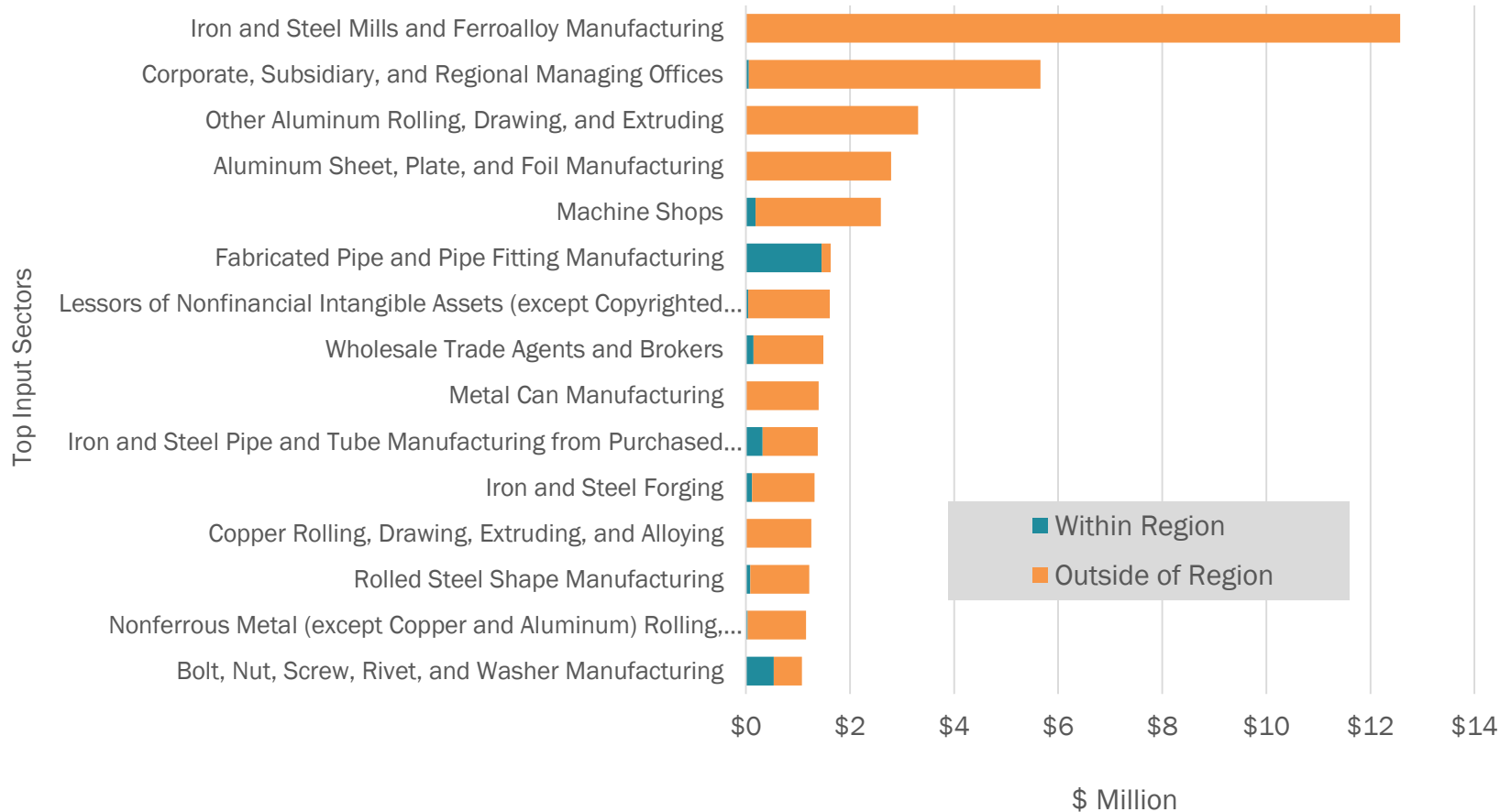
Industries	Estimated Input (\$ Millions), 2016	% In-Region	% Out of Region
Iron and Steel Mills and Ferroalloy Manufacturing	\$12.57	0.0%	100.0%
Corporate, Subsidiary, and Regional Managing Offices	\$5.66	1.0%	99.0%
Other Aluminum Rolling, Drawing, and Extruding	\$3.31	0.0%	100.0%
Aluminum Sheet, Plate, and Foil Manufacturing	\$2.79	0.0%	100.0%
Machine Shops	\$2.59	7.2%	92.8%
Fabricated Pipe and Pipe Fitting Manufacturing	\$1.63	89.2%	10.8%
Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	\$1.61	2.9%	97.1%
Wholesale Trade Agents and Brokers	\$1.49	9.6%	90.4%
Metal Can Manufacturing	\$1.40	0.0%	100.0%
Iron and Steel Pipe and Tube Manufacturing from Purchased Steel	\$1.38	23.3%	76.7%
Iron and Steel Forging	\$1.32	9.0%	91.0%
Copper Rolling, Drawing, Extruding, and Alloying	\$1.25	0.0%	100.0%
Rolled Steel Shape Manufacturing	\$1.22	7.0%	93.0%
Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding	\$1.16	2.6%	97.4%
Bolt, Nut, Screw, Rivet, and Washer Manufacturing	\$1.08	49.5%	50.5%

### section 02

## Top 15 Inputs by Dollars

# Fabricated Metal Product Manufacturing

Leakage Analysis 2016



### section 02

## Top Occupations

# Fabricated Metal Product Manufacturing

Occupations	Jobs 2016	% Change, 2010-2016	Median Hr. Earnings	Entry Level Education
Machinists	126	52%	\$18.21	High school diploma or equivalent
Team Assemblers	80	36%	\$12.99	High school diploma or equivalent
Welders, Cutters, Solderers, and Brazers	67	29%	\$17.39	High school diploma or equivalent
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	52	49%	\$12.50	High school diploma or equivalent
First-Line Supervisors of Production and Operating Workers	37	28%	\$24.12	High school diploma or equivalent
Computer-Controlled Machine Tool Operators, Metal and Plastic	30	50%	\$19.97	High school diploma or equivalent
Inspectors, Testers, Sorters, Samplers, and Weighers	25	47%	\$13.12	High school diploma or equivalent
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25	19%	\$12.44	High school diploma or equivalent
Helpers--Production Workers	22	29%	\$11.15	No formal educational credential
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	20	25%	\$14.14	High school diploma or equivalent
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	20	100%	\$19.04	High school diploma or equivalent
Laborers and Freight, Stock, and Material Movers, Hand	20	33%	\$11.00	No formal educational credential
Structural Metal Fabricators and Fitters	17	6%	\$16.92	High school diploma or equivalent
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	16	14%	\$23.22	High school diploma or equivalent
Shipping, Receiving, and Traffic Clerks	16	33%	\$13.05	High school diploma or equivalent

### section 02



## Shift-Share Analysis (Regional Performance) by Top Industry Sectors

# Agribusiness, Food Processing And Technology

Industries	Jobs 2016	National Trend, 2010-2016	Industry Trend, 2010-2016	Cumulative Expected Growth	Actual Job Growth, 2010-2016	Regional Performance, 2010-2016
		A	B	C=A+B	D	D-C
Animal Production and Aquaculture	1,032	122	-125	-3	-9	-7
Crop Production	381	53	-48	5	-69	-74
Farm Labor Contractors and Crew Leaders	148	15	5	20	24	↑ 5
Rendering and Meat Byproduct Processing	90	23	-24	-1	-106	-105
Soil Preparation, Planting, and Cultivating	64	2	1	3	50	↑ 48
Animal (except Poultry) Slaughtering	62	6	-8	-2	15	↑ 17
Farm and Garden Machinery and Equipment Merchant Wholesalers	41	1	-1	0	28	↑ 27
Other Animal Food Manufacturing	25	3	0	3	1	-1
Cotton Ginning	24	2	-4	-2	4	↑ 6
Fluid Milk Manufacturing	20	0	0	0	20	↑ 20
Dried and Dehydrated Food Manufacturing	15	1	0	1	3	↑ 2
Farm Supplies Merchant Wholesalers	15	2	0	2	-6	-8
Commercial Bakeries	13	0	0	0	Insf. Data	↑ 12

Note: Upward arrow  indicates regional competitiveness.


### section 02

Source: EMSI Class of Worker 2017.3 (QCEW, non -QCEW, self-employed and extended proprietors).

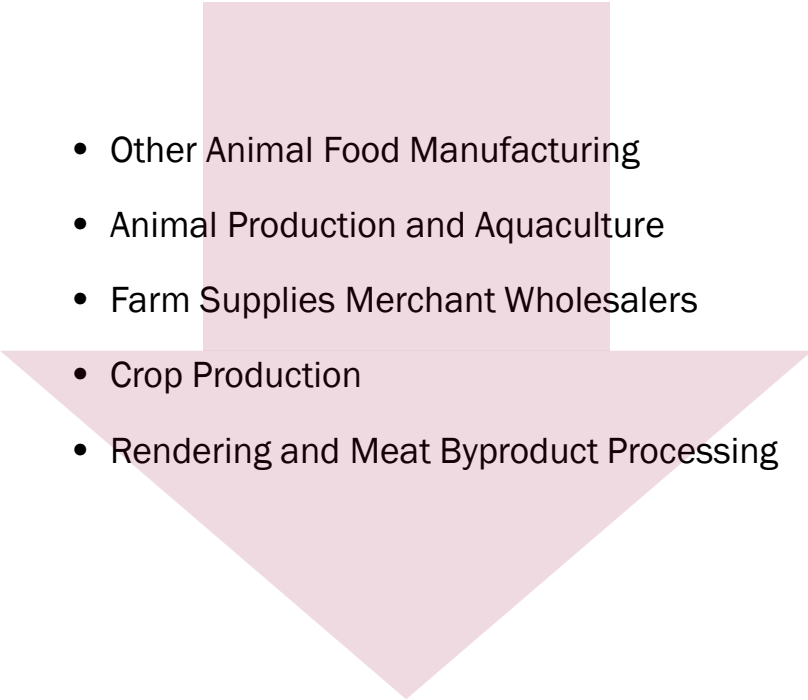
## Shift-Share Analysis

# Agribusiness, Food Processing And Technology

### Industries that Outperformed

- 
- A large, light blue upward-pointing arrow graphic that frames the list of industries that outperformed.
- Soil Preparation, Planting, and Cultivating
  - Farm and Garden Machinery and Equipment Merchant Wholesalers
  - Fluid Milk Manufacturing
  - Animal (except Poultry) Slaughtering
  - Commercial Bakeries
  - Cotton Ginning
  - Farm Labor Contractors and Crew Leaders
  - Dried and Dehydrated Food Manufacturing

### Industries that Underperformed

- 
- A large, light red downward-pointing arrow graphic that frames the list of industries that underperformed.
- Other Animal Food Manufacturing
  - Animal Production and Aquaculture
  - Farm Supplies Merchant Wholesalers
  - Crop Production
  - Rendering and Meat Byproduct Processing

## Top Industry Sectors

# Agribusiness, Food Processing And Technology

Industries	Exports 2016 (\$ Millions)	Jobs 2016	Export per job 2016 (\$)	LQ 2016
Animal Production and Aquaculture	149.79	1,032	\$145,212	3.50
Crop Production	32.04	381	\$84,183	1.00
Farm Labor Contractors and Crew Leaders	0.42	148	\$2,855	1.76
Rendering and Meat Byproduct Processing	45.60	90	\$505,520	41.68
Soil Preparation, Planting, and Cultivating	0.96	64	\$14,918	3.04
Animal (except Poultry) Slaughtering	8.58	62	\$138,958	1.77
Farm and Garden Machinery and Equipment Merchant Wholesalers	2.43	41	\$60,053	1.50
Other Animal Food Manufacturing	10.39	25	\$414,006	2.73
Cotton Ginning	0.25	24	\$10,159	9.58
Fluid Milk Manufacturing	23.29	20	\$1,176,745	1.42
Dried and Dehydrated Food Manufacturing	16.45	15	\$1,086,804	4.85
Farm Supplies Merchant Wholesalers	0.56	15	\$36,854	0.48
Commercial Bakeries	2.74	13	\$213,930	0.35

Note: Sorted similarly as the shift-share analysis slide.

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## Top 15 Inputs by Dollars

# Agribusiness, Food Processing And Technology

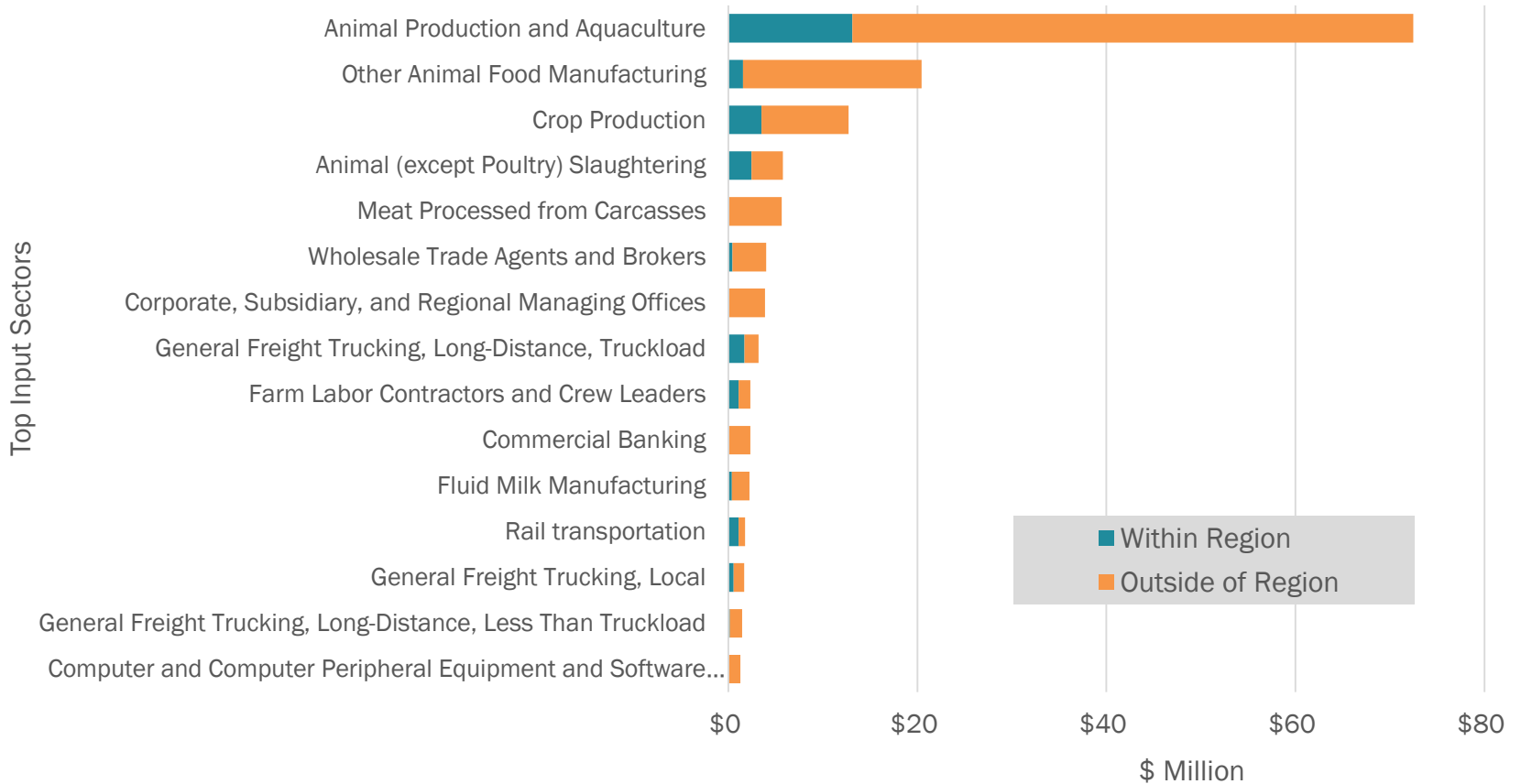
Industries	Estimated Input (\$ Millions), 2016	% In-Region	% Out of Region
Animal Production and Aquaculture	\$72.48	18.1%	81.9%
Other Animal Food Manufacturing	\$20.44	7.5%	92.5%
Crop Production	\$12.71	27.6%	72.4%
Animal (except Poultry) Slaughtering	\$5.77	42.2%	57.8%
Meat Processed from Carcasses	\$5.63	1.1%	98.9%
Wholesale Trade Agents and Brokers	\$4.00	10.3%	89.7%
Corporate, Subsidiary, and Regional Managing Offices	\$3.87	1.5%	98.5%
General Freight Trucking, Long-Distance, Truckload	\$3.18	53.4%	46.6%
Farm Labor Contractors and Crew Leaders	\$2.32	46.3%	53.7%
Commercial Banking	\$2.31	0.9%	99.1%
Fluid Milk Manufacturing	\$2.21	16.1%	83.9%
Rail transportation	\$1.76	61.5%	38.5%
General Freight Trucking, Local	\$1.66	33.9%	66.1%
General Freight Trucking, Long-Distance, Less Than Truckload	\$1.44	10.5%	89.5%
Computer and Computer Peripheral Equipment and Software Merchant Wholesalers	\$1.26	0.1%	99.9%

### section 02

## Top 15 Inputs by Dollars

# Agribusiness, Food Processing And Technology

Leakage Analysis 2016



### section 02

## Top Occupations

# Agribusiness, Food Processing And Technology

Occupations	Jobs 2016	% Change, 2010-2016	Median Hr. Earnings	Entry Level Education
Farmers, Ranchers, and Other Agricultural Managers	982	-14%	\$10.97	High school diploma or equivalent
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	340	31%	\$9.78	No formal educational credential
Meat, Poultry, and Fish Cutters and Trimmers	48	-37%	\$12.15	No formal educational credential
Agricultural Equipment Operators	38	52%	\$13.14	No formal educational credential
Farmworkers, Farm, Ranch, and Aquacultural Animals	31	29%	\$10.64	No formal educational credential
Laborers and Freight, Stock, and Material Movers, Hand	23	-4%	\$11.00	No formal educational credential
Packaging and Filling Machine Operators and Tenders	23	-4%	\$9.16	High school diploma or equivalent
Animal Trainers	22	16%	\$10.37	High school diploma or equivalent
Nonfarm Animal Caretakers	22	57%	\$9.97	High school diploma or equivalent
Slaughterers and Meat Packers	19	-39%	\$13.89	No formal educational credential
Managers, All Other	18	50%	\$14.52	Bachelor's degree
Packers and Packagers, Hand	18	0%	\$10.15	No formal educational credential
Heavy and Tractor-Trailer Truck Drivers	18	20%	\$17.93	Postsecondary non degree award
Graders and Sorters, Agricultural Products	18	38%	\$12.74	No formal educational credential
First-Line Supervisors of Farming, Fishing, and Forestry Workers	15	15%	\$16.08	High school diploma or equivalent

### section 02

# 03 Cluster Comparisons

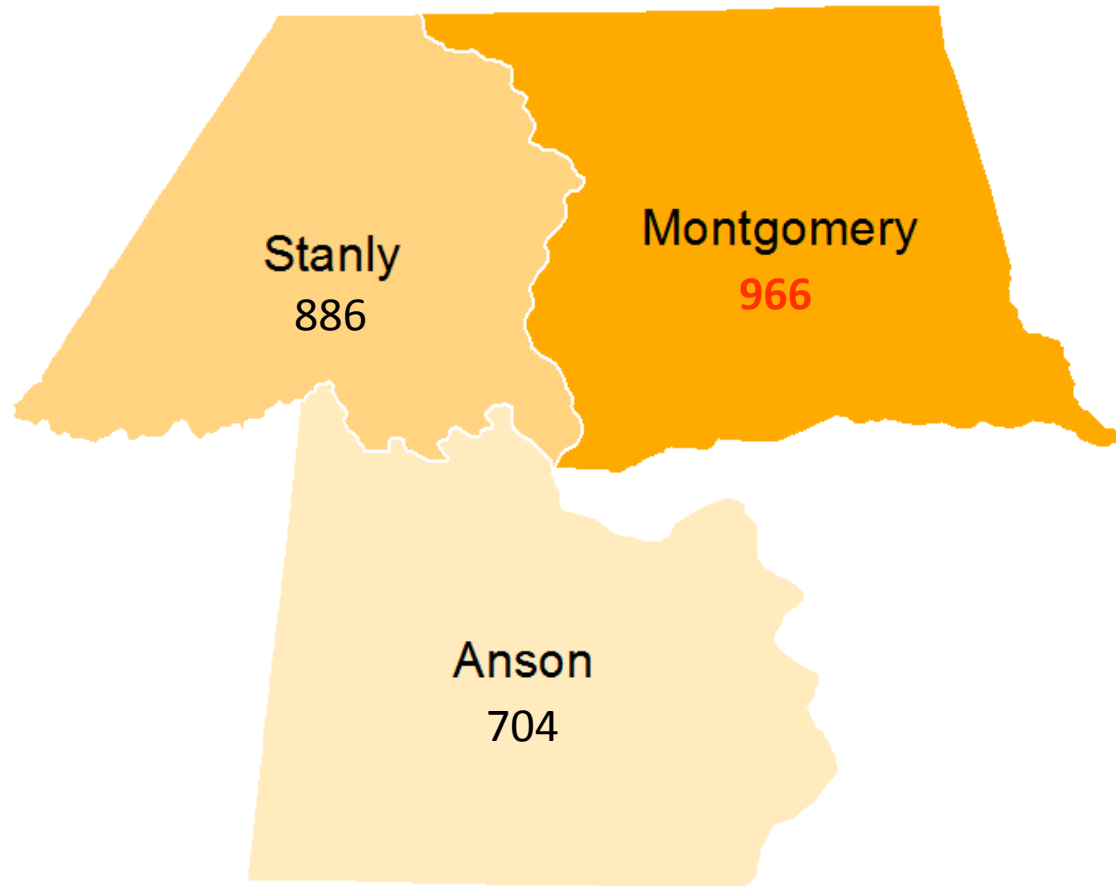
**Apparel and Textiles**

**Forest and Wood Products**

**Fabricated Metal Manufacturing**

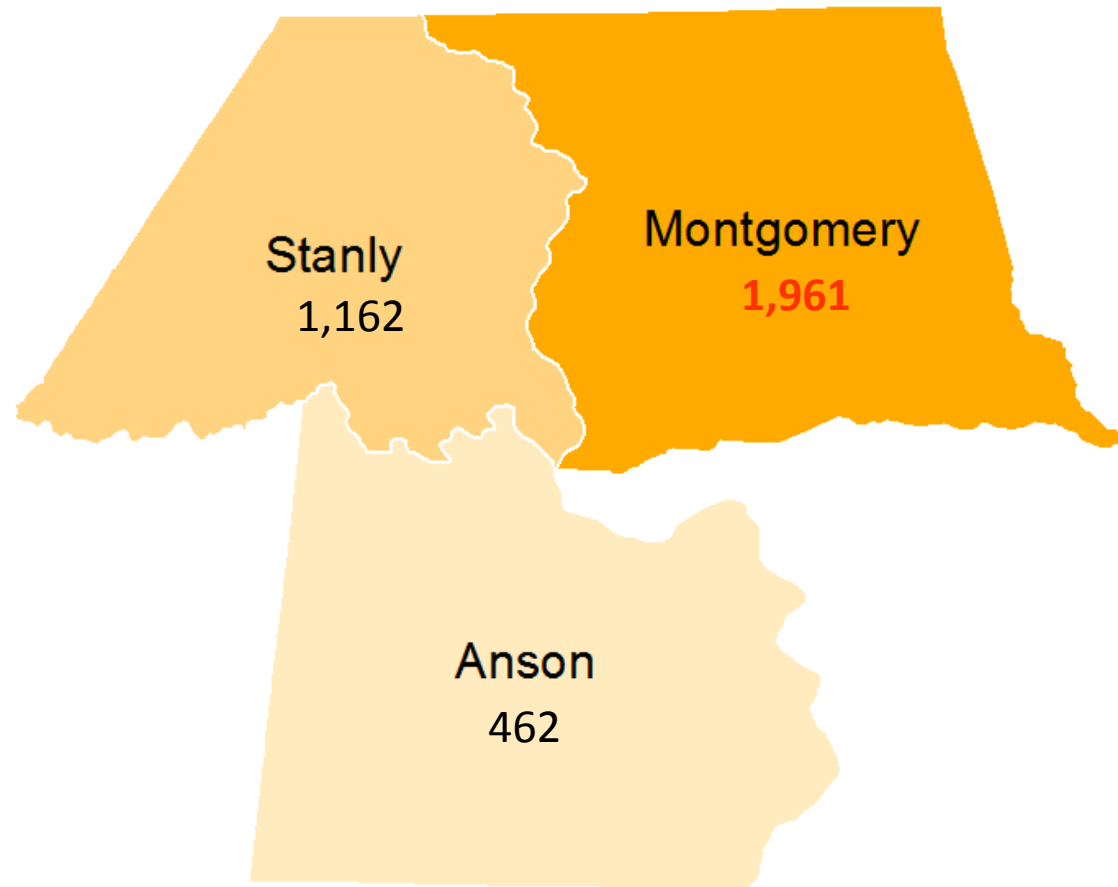
**Agriculture and Food Processing**

## Apparel And Textiles : Contribution by Counties (Jobs 2016)

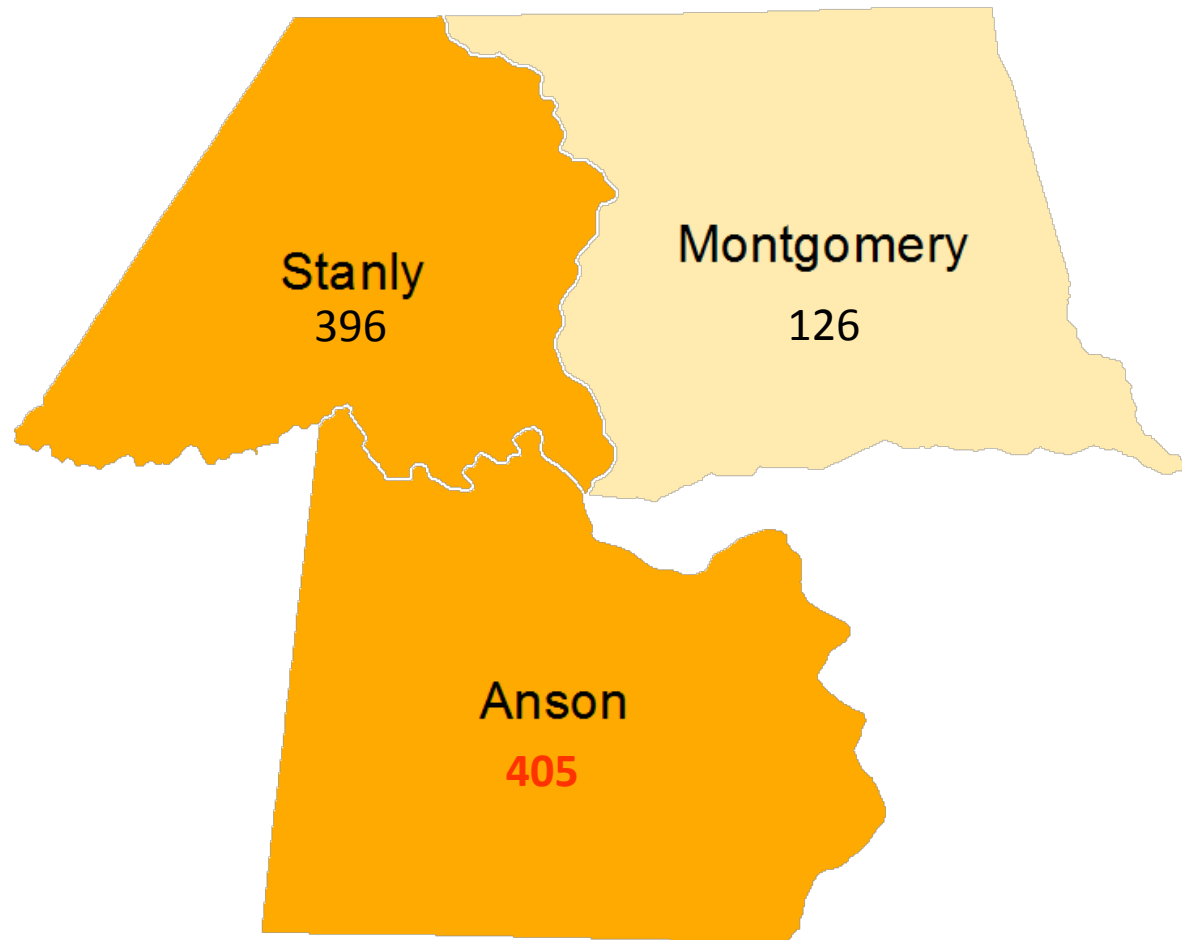




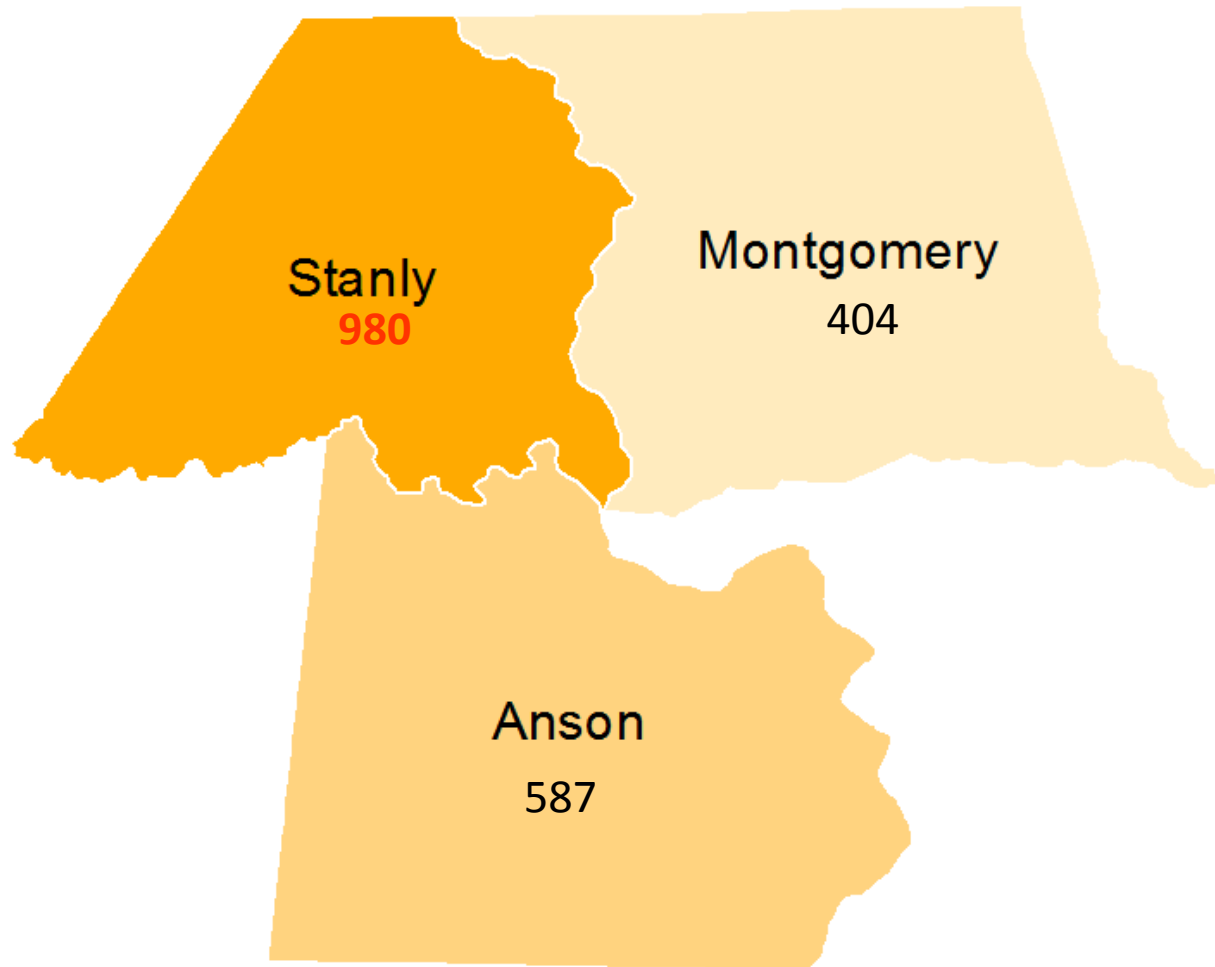
## Forest and Wood Product: Contribution by Counties (Jobs 2016)



## Fabricated Metal Product Manufacturing: Contribution by Counties (Jobs 2016)



## Agribusiness, Food Processing And Technology: Contribution by Counties (Jobs 2016)



## Industry Clusters: Components to Assess

	Apparel & Textiles	Forest & Wood Products	Fabricated Metal Manufacturing.	Agribusiness & Food Processing
Regional Performance, 2010-2016 (Shift share Analysis)	306	-116 (negative number)	166	-94 (negative number)
Export value, 2016	\$414,351,250	\$608,037,825	\$188,928,346	\$296,079,888
Leakage, 2016	\$198,425,041	\$287,282,521	\$90,298,363	\$181,946,541
Establishments, 2016	44	134	35	58
Contribution by counties	3	3	3	3

Business input

Seek input from businesses on how they can strengthen their connections to the key clusters, especially providing products and services now being imported from outside the region.

Resident's value

Review Civic Forum Input from Residents

### section 03