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AGC Comments Addendum (Copies of Studies) -- Vol. 22

Florida

POPULATION (THOUSANDS) 22,611

GDP (BILLIONS \$) 1,584

EMPLOYMENT (THOUSANDS) 14,578

LABOR INCOME (BILLIONS \$) 905

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

52.1

LABOR INCOME
(MILLIONS \$)

6,907.0

VALUE ADDED
(MILLIONS \$)

10,143.1

OUTPUT
(MILLIONS \$)

29,562.2

Direct Share of GDP
0.6%

Total Share of GDP
1.4%

Average Labor Income
\$132,521

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	52.1	51.7	54.4	158.2
LABOR INCOME (MILLIONS \$)	6,907.0	4,108.3	3,189.4	14,204.8
VALUE ADDED (MILLIONS \$)	10,143.1	6,614.1	6,194.1	22,951.3
OUTPUT (MILLIONS \$)	29,562.2	12,274.5	10,259.4	52,096.1

EMPLOYMENT
Multiplier

3.0

LABOR INCOME
Multiplier

2.1

VALUE ADDED
Multiplier

2.3

OUTPUT
Multiplier

1.8

Georgia

POPULATION (THOUSANDS) 11,029

GDP (BILLIONS \$) 826

EMPLOYMENT (THOUSANDS) 7,063

LABOR INCOME (BILLIONS \$) 464

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

24.2

LABOR INCOME
(MILLIONS \$)

3,015.3

VALUE ADDED
(MILLIONS \$)

4,713.0

OUTPUT
(MILLIONS \$)

12,953.1

Direct Share of GDP
0.6%

Total Share of GDP
1.2%

Average Labor Income
\$124,754

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	24.2	18.7	21.1	63.9
LABOR INCOME (MILLIONS \$)	3,015.3	1,561.0	1,213.7	5,790.0
VALUE ADDED (MILLIONS \$)	4,713.0	2,757.0	2,410.3	9,880.3
OUTPUT (MILLIONS \$)	12,953.1	4,961.0	3,889.5	21,803.5

EMPLOYMENT
Multiplier

2.6

LABOR INCOME
Multiplier

1.9

VALUE ADDED
Multiplier

2.1

OUTPUT
Multiplier

1.7

Hawaii

POPULATION (THOUSANDS) 1,435

GDP (BILLIONS \$) 112

EMPLOYMENT (THOUSANDS) 923

LABOR INCOME (BILLIONS \$) 66



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

0.3

LABOR INCOME
(MILLIONS \$)

25.8

VALUE ADDED
(MILLIONS \$)

51.1

OUTPUT
(MILLIONS \$)

151.6

Direct Share of GDP
0.05%

Total Share of GDP
0.08%

Average Labor Income
\$92,143

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	0.3	0.2	0.1	0.6
LABOR INCOME (MILLIONS \$)	25.8	12.3	9.0	47.1
VALUE ADDED (MILLIONS \$)	51.1	18.3	18.5	88.0
OUTPUT (MILLIONS \$)	151.6	34.1	28.6	214.3

EMPLOYMENT
Multiplier

2.0

LABOR INCOME
Multiplier

1.8

VALUE ADDED
Multiplier

1.7

OUTPUT
Multiplier

1.4

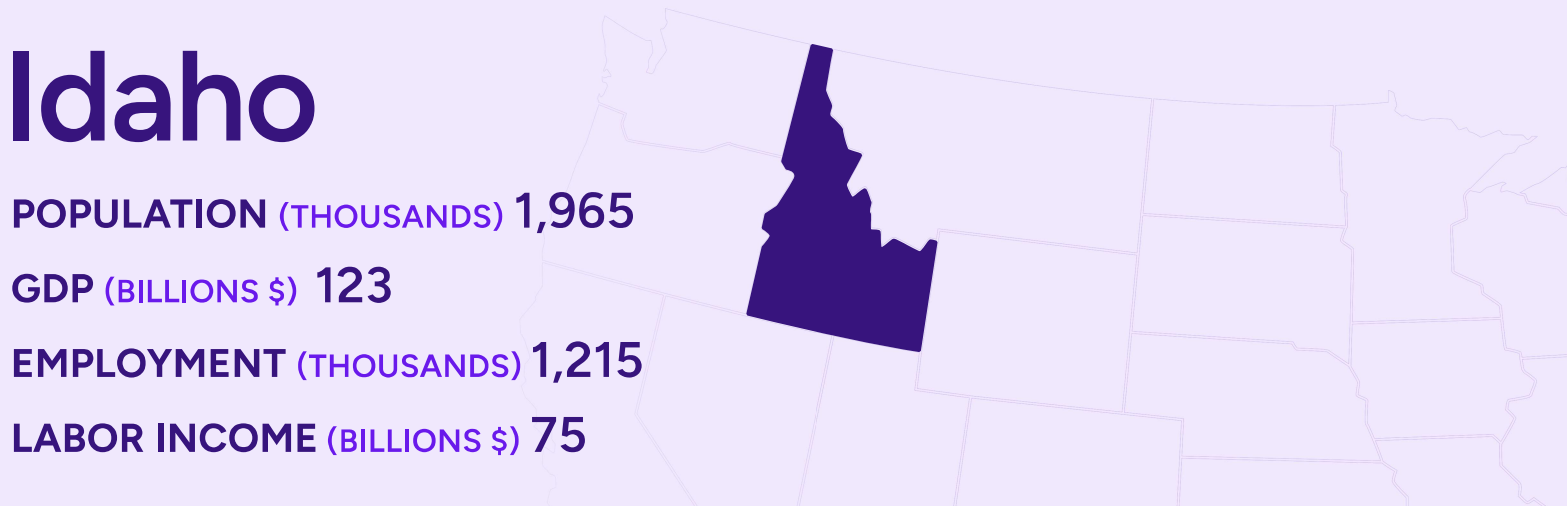
Idaho

POPULATION (THOUSANDS) 1,965

GDP (BILLIONS \$) 123

EMPLOYMENT (THOUSANDS) 1,215

LABOR INCOME (BILLIONS \$) 75



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

10.8

LABOR INCOME
(MILLIONS \$)

1,664.0

VALUE ADDED
(MILLIONS \$)

2,081.8

OUTPUT
(MILLIONS \$)

7,226.3

Direct Share of GDP
1.7%

Total Share of GDP
3.4%

Average Labor Income
\$153,932

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	10.8	7.9	8.8	27.5
LABOR INCOME (MILLIONS \$)	1,664.0	635.4	497.5	2,796.9
VALUE ADDED (MILLIONS \$)	2,081.8	1,092.4	959.5	4,133.6
OUTPUT (MILLIONS \$)	7,226.3	2,126.0	1,592.2	10,944.5

EMPLOYMENT
Multiplier

2.5

LABOR INCOME
Multiplier

1.7

VALUE ADDED
Multiplier

2.0

OUTPUT
Multiplier

1.5

Illinois

POPULATION (THOUSANDS) 12,550

GDP (BILLIONS \$) 1,087

EMPLOYMENT (THOUSANDS) 8,222

LABOR INCOME (BILLIONS \$) 635



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

47.2

LABOR INCOME
(MILLIONS \$)

5,692.4

VALUE ADDED
(MILLIONS \$)

9,473.9

OUTPUT
(MILLIONS \$)

25,125.1

Direct Share of GDP
0.9%

Total Share of GDP
1.8%

Average Labor Income
\$120,551

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	47.2	33.7	39.2	120.2
LABOR INCOME (MILLIONS \$)	5,692.4	3,331.0	2,631.2	11,654.5
VALUE ADDED (MILLIONS \$)	9,473.9	5,406.6	4,856.5	19,737.0
OUTPUT (MILLIONS \$)	25,125.1	9,501.5	7,678.4	42,305.0

EMPLOYMENT
Multiplier

2.5

LABOR INCOME
Multiplier

2.0

VALUE ADDED
Multiplier

2.1

OUTPUT
Multiplier

1.7

Indiana

POPULATION (THOUSANDS) 6,862

GDP (BILLIONS \$) 510

EMPLOYMENT (THOUSANDS) 4,176

LABOR INCOME (BILLIONS \$) 288

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

20.6

LABOR INCOME
(MILLIONS \$)

2,052.8

VALUE ADDED
(MILLIONS \$)

3,318.4

OUTPUT
(MILLIONS \$)

10,163.1

Direct Share of GDP
0.7%

Total Share of GDP
1.2%

Average Labor Income
\$99,699

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	20.6	13.0	12.3	45.9
LABOR INCOME (MILLIONS \$)	2,052.8	1,052.4	739.1	3,844.3
VALUE ADDED (MILLIONS \$)	3,318.4	1,643.1	1,353.5	6,315.0
OUTPUT (MILLIONS \$)	10,163.1	3,199.1	2,194.6	15,556.8

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.9

VALUE ADDED
Multiplier

1.9

OUTPUT
Multiplier

1.5

Iowa

POPULATION (THOUSANDS) 3,207

GDP (BILLIONS \$) 258

EMPLOYMENT (THOUSANDS) 2,126

LABOR INCOME (BILLIONS \$) 142



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

14.8

LABOR INCOME
(MILLIONS \$)

1,818.7

VALUE ADDED
(MILLIONS \$)

2,838.2

OUTPUT
(MILLIONS \$)

7,874.8

Direct Share of GDP
1.1%

Total Share of GDP
2.0%

Average Labor Income
\$122,637

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	14.8	9.6	9.3	33.8
LABOR INCOME (MILLIONS \$)	1,818.7	769.3	492.0	3,079.9
VALUE ADDED (MILLIONS \$)	2,838.2	1,232.2	970.0	5,040.4
OUTPUT (MILLIONS \$)	7,874.8	2,291.3	1,595.0	11,761.0

EMPLOYMENT
Multiplier

2.3

LABOR INCOME
Multiplier

1.7

VALUE ADDED
Multiplier

1.8

OUTPUT
Multiplier

1.5

Kansas

POPULATION (THOUSANDS) 2,941

GDP (BILLIONS \$) 228

EMPLOYMENT (THOUSANDS) 1,998

LABOR INCOME (BILLIONS \$) 131



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

10.5

LABOR INCOME
(MILLIONS \$)

1,127.9

VALUE ADDED
(MILLIONS \$)

2,091.1

OUTPUT
(MILLIONS \$)

5,462.5

Direct Share of GDP
0.9%

Total Share of GDP
1.5%

Average Labor Income
\$107,215

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	10.5	5.6	5.6	21.6
LABOR INCOME (MILLIONS \$)	1,127.9	448.0	320.0	1,896.0
VALUE ADDED (MILLIONS \$)	2,091.1	759.4	605.6	3,456.2
OUTPUT (MILLIONS \$)	5,462.5	1,422.9	1,019.6	7,905.0

EMPLOYMENT
Multiplier

2.1

LABOR INCOME
Multiplier

1.7

VALUE ADDED
Multiplier

1.7

OUTPUT
Multiplier

1.4

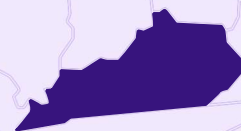
Kentucky

POPULATION (THOUSANDS) 4,526

GDP (BILLIONS \$) 286

EMPLOYMENT (THOUSANDS) 2,704

LABOR INCOME (BILLIONS \$) 172



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

8.5

LABOR INCOME
(MILLIONS \$)

914.4

VALUE ADDED
(MILLIONS \$)

1,330.8

OUTPUT
(MILLIONS \$)

4,453.1

Direct Share of GDP
0.5%

Total Share of GDP
0.9%

Average Labor Income
\$107,450

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	8.5	5.2	5.0	18.8
LABOR INCOME (MILLIONS \$)	914.4	408.6	290.9	1,613.8
VALUE ADDED (MILLIONS \$)	1,330.8	655.4	532.2	2,518.4
OUTPUT (MILLIONS \$)	4,453.1	1,285.9	889.5	6,628.4

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.8

VALUE ADDED
Multiplier

1.9

OUTPUT
Multiplier

1.5

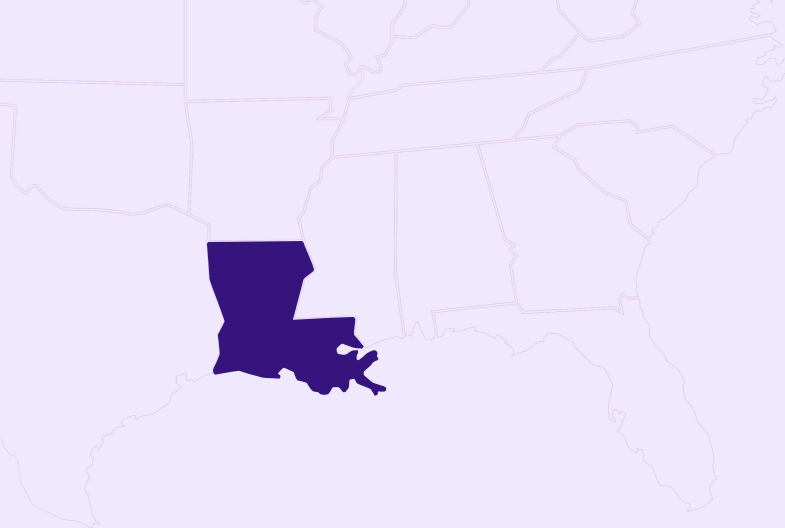
Louisiana

POPULATION (THOUSANDS) 4,574

GDP (BILLIONS \$) 323

EMPLOYMENT (THOUSANDS) 2,789

LABOR INCOME (BILLIONS \$) 168



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

3.9

LABOR INCOME
(MILLIONS \$)

430.6

VALUE ADDED
(MILLIONS \$)

580.1

OUTPUT
(MILLIONS \$)

1,774.1

Direct Share of GDP
0.2%

Total Share of GDP
0.3%

Average Labor Income
\$109,847

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	3.9	2.2	2.5	8.6
LABOR INCOME (MILLIONS \$)	430.6	153.6	128.0	712.2
VALUE ADDED (MILLIONS \$)	580.1	262.7	252.0	1,094.8
OUTPUT (MILLIONS \$)	1,774.1	512.4	423.9	2,710.3

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.7

VALUE ADDED
Multiplier

1.9

OUTPUT
Multiplier

1.5

Maine

POPULATION (THOUSANDS) **1,396**

GDP (BILLIONS \$) **95**

EMPLOYMENT (THOUSANDS) **884**

LABOR INCOME (BILLIONS \$) **56**

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

2.3

LABOR INCOME
(MILLIONS \$)

252.2

VALUE ADDED
(MILLIONS \$)

488.1

OUTPUT
(MILLIONS \$)

1,322.4

Direct Share of GDP
0.5%

Total Share of GDP
0.9%

Average Labor Income
\$109,652

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	2.3	1.3	1.6	5.1
LABOR INCOME (MILLIONS \$)	252.2	104.6	94.3	451.1
VALUE ADDED (MILLIONS \$)	488.1	169.2	183.5	840.8
OUTPUT (MILLIONS \$)	1,322.4	322.1	292.3	1,936.8

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.8

VALUE ADDED
Multiplier

1.7

OUTPUT
Multiplier

1.5

Maryland

POPULATION (THOUSANDS) 6,180

GDP (BILLIONS \$) 533

EMPLOYMENT (THOUSANDS) 3,968

LABOR INCOME (BILLIONS \$) 306

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

22.3

LABOR INCOME
(MILLIONS \$)

3,705.9

VALUE ADDED
(MILLIONS \$)

5,472.4

OUTPUT
(MILLIONS \$)

13,143.9

Direct Share of GDP
1.0%

Total Share of GDP
1.9%

Average Labor Income
\$165,961

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	22.3	16.7	17.6	56.5
LABOR INCOME (MILLIONS \$)	3,705.9	1,443.6	1,094.6	6,244.1
VALUE ADDED (MILLIONS \$)	5,472.4	2,323.9	2,155.4	9,951.8
OUTPUT (MILLIONS \$)	13,143.9	3,960.1	3,338.4	20,442.4

EMPLOYMENT
Multiplier

2.5

LABOR INCOME
Multiplier

1.7

VALUE ADDED
Multiplier

1.8

OUTPUT
Multiplier

1.6

Massachusetts

POPULATION (THOUSANDS) 7,001

GDP (BILLIONS \$) 757

EMPLOYMENT (THOUSANDS) 5,034

LABOR INCOME (BILLIONS \$) 468

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

50.5

LABOR INCOME
(MILLIONS \$)

8,451.8

VALUE ADDED
(MILLIONS \$)

13,276.9

OUTPUT
(MILLIONS \$)

33,218.8

Direct Share of GDP
1.8%

Total Share of GDP
3.6%

Average Labor Income
\$167,362

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	50.5	38.4	49.5	138.4
LABOR INCOME (MILLIONS \$)	8,451.8	4,825.7	4,016.3	17,293.8
VALUE ADDED (MILLIONS \$)	13,276.9	7,139.0	6,915.8	27,331.7
OUTPUT (MILLIONS \$)	33,218.8	11,803.8	10,429.7	55,452.2

EMPLOYMENT
Multiplier

2.7

LABOR INCOME
Multiplier

2.0

VALUE ADDED
Multiplier

2.1

OUTPUT
Multiplier

1.7

Michigan

POPULATION (THOUSANDS) 10,037

GDP (BILLIONS \$) 694

EMPLOYMENT (THOUSANDS) 5,952

LABOR INCOME (BILLIONS \$) 414

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

38.0

LABOR INCOME
(MILLIONS \$)

4,538.4

VALUE ADDED
(MILLIONS \$)

5,439.8

OUTPUT
(MILLIONS \$)

18,810.9

Direct Share of GDP
0.8%

Total Share of GDP
1.8%

Average Labor Income
\$119,306

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	38.0	25.5	30.4	93.9
LABOR INCOME (MILLIONS \$)	4,538.4	2,203.0	1,824.5	8,566.0
VALUE ADDED (MILLIONS \$)	5,439.8	3,508.9	3,373.2	12,321.9
OUTPUT (MILLIONS \$)	18,810.9	6,560.8	5,575.1	30,946.8

EMPLOYMENT
Multiplier

2.5

LABOR INCOME
Multiplier

1.9

VALUE ADDED
Multiplier

2.3

OUTPUT
Multiplier

1.6

Minnesota

POPULATION (THOUSANDS) 5,738

GDP (BILLIONS \$) 490

EMPLOYMENT (THOUSANDS) 3,920

LABOR INCOME (BILLIONS \$) 301



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

45.6

LABOR INCOME
(MILLIONS \$)

6,105.3

VALUE ADDED
(MILLIONS \$)

9,369.1

OUTPUT
(MILLIONS \$)

25,505.7

Direct Share of GDP
1.9%

Total Share of GDP
4.2%

Average Labor Income
\$133,771

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	45.6	37.5	43.8	127.0
LABOR INCOME (MILLIONS \$)	6,105.3	3,944.5	2,945.0	12,994.8
VALUE ADDED (MILLIONS \$)	9,369.1	5,968.5	5,277.9	20,615.5
OUTPUT (MILLIONS \$)	25,505.7	10,737.6	8,495.0	44,738.4

EMPLOYMENT
Multiplier

2.8

LABOR INCOME
Multiplier

2.1

VALUE ADDED
Multiplier

2.2

OUTPUT
Multiplier

1.8

Mississippi

POPULATION (THOUSANDS) 2,940

GDP (BILLIONS \$) 154

EMPLOYMENT (THOUSANDS) 1,680

LABOR INCOME (BILLIONS \$) 87



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

8.4

LABOR INCOME
(MILLIONS \$)

695.2

VALUE ADDED
(MILLIONS \$)

919.5

OUTPUT
(MILLIONS \$)

3,372.1

Direct Share of GDP
0.6%

Total Share of GDP
1.1%

Average Labor Income
\$82,467

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	8.4	3.9	3.5	15.8
LABOR INCOME (MILLIONS \$)	695.2	228.6	156.3	1,080.1
VALUE ADDED (MILLIONS \$)	919.5	395.0	332.8	1,647.4
OUTPUT (MILLIONS \$)	3,372.1	863.2	578.4	4,813.8

EMPLOYMENT
Multiplier

1.9

LABOR INCOME
Multiplier

1.6

VALUE ADDED
Multiplier

1.8

OUTPUT
Multiplier

1.4

Missouri

POPULATION (THOUSANDS) 6,196

GDP (BILLIONS \$) 432

EMPLOYMENT (THOUSANDS) 3,957

LABOR INCOME (BILLIONS \$) 258

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

23.5

LABOR INCOME
(MILLIONS \$)

2,502.4

VALUE ADDED
(MILLIONS \$)

3,910.2

OUTPUT
(MILLIONS \$)

10,667.7

Direct Share of GDP
0.9%

Total Share of GDP
1.7%

Average Labor Income
\$106,576

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	23.5	12.6	14.7	50.7
LABOR INCOME (MILLIONS \$)	2,502.4	1,060.9	856.5	4,419.8
VALUE ADDED (MILLIONS \$)	3,910.2	1,721.5	1,606.7	7,238.4
OUTPUT (MILLIONS \$)	10,667.7	3,244.4	2,653.8	16,565.9

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.8

VALUE ADDED
Multiplier

1.9

OUTPUT
Multiplier

1.6

Montana

POPULATION (THOUSANDS) 1,133

GDP (BILLIONS \$) 75

EMPLOYMENT (THOUSANDS) 758

LABOR INCOME (BILLIONS \$) 46



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

1.0

LABOR INCOME
(MILLIONS \$)

95.0

VALUE ADDED
(MILLIONS \$)

138.0

OUTPUT
(MILLIONS \$)

460.4

Direct Share of GDP
0.2%

Total Share of GDP
0.4%

Average Labor Income
\$95,960

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	1.0	0.6	0.6	2.2
LABOR INCOME (MILLIONS \$)	95.0	45.6	33.0	173.6
VALUE ADDED (MILLIONS \$)	138.0	69.4	58.8	266.2
OUTPUT (MILLIONS \$)	460.4	134.0	100.0	694.5

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.8

VALUE ADDED
Multiplier

1.9

OUTPUT
Multiplier

1.5

Nebraska

POPULATION (THOUSANDS) 1,978

GDP (BILLIONS \$) 182

EMPLOYMENT (THOUSANDS) 1,384

LABOR INCOME (BILLIONS \$) 94

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

4.7

LABOR INCOME
(MILLIONS \$)

444.7

VALUE ADDED
(MILLIONS \$)

655.1

OUTPUT
(MILLIONS \$)

2,143.2

Direct Share of GDP
0.4%

Total Share of GDP
0.7%

Average Labor Income
\$94,416

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	4.7	2.8	2.6	10.2
LABOR INCOME (MILLIONS \$)	444.7	245.8	149.0	839.5
VALUE ADDED (MILLIONS \$)	655.1	413.1	293.1	1,361.3
OUTPUT (MILLIONS \$)	2,143.2	733.2	478.2	3,354.6

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.9

VALUE ADDED
Multiplier

2.1

OUTPUT
Multiplier

1.6

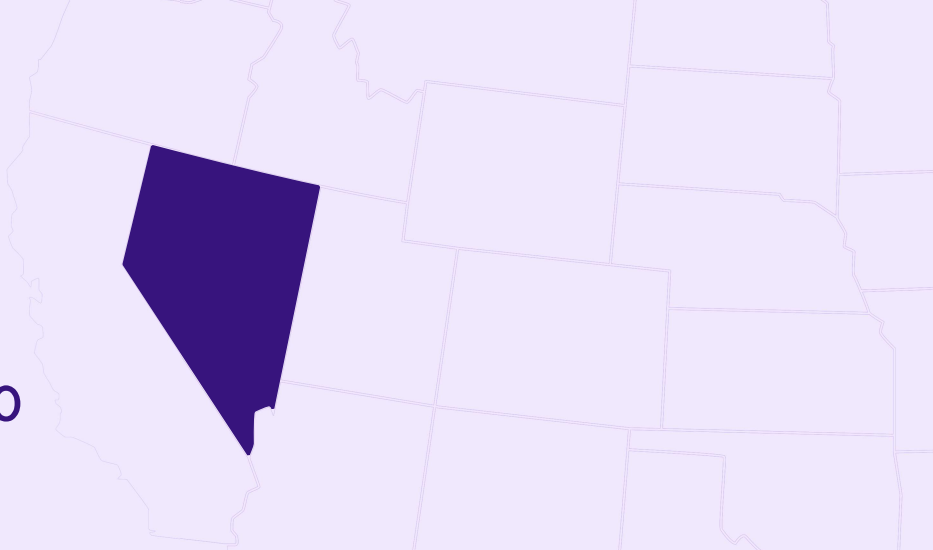
Nevada

POPULATION (THOUSANDS) 3,194

GDP (BILLIONS \$) 246

EMPLOYMENT (THOUSANDS) 2,100

LABOR INCOME (BILLIONS \$) 138



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

16.5

LABOR INCOME
(MILLIONS \$)

1,798.8

VALUE ADDED
(MILLIONS \$)

2,006.8

OUTPUT
(MILLIONS \$)

7,231.9

Direct Share of GDP
0.8%

Total Share of GDP
1.8%

Average Labor Income
\$108,755

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	16.5	9.8	9.5	35.9
LABOR INCOME (MILLIONS \$)	1,798.8	763.8	566.8	3,129.4
VALUE ADDED (MILLIONS \$)	2,006.8	1,308.8	1,161.2	4,476.9
OUTPUT (MILLIONS \$)	7,231.9	2,444.1	1,835.2	11,511.2

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.7

VALUE ADDED
Multiplier

2.2

OUTPUT
Multiplier

1.6

New Hampshire

POPULATION (THOUSANDS) 1,402

GDP (BILLIONS \$) 119

EMPLOYMENT (THOUSANDS) 939

LABOR INCOME (BILLIONS \$) 75

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

18.3

LABOR INCOME
(MILLIONS \$)

2,629.1

VALUE ADDED
(MILLIONS \$)

2,550.0

OUTPUT
(MILLIONS \$)

9,064.6

Direct Share of GDP
2.1%

Total Share of GDP
5.2%

Average Labor Income
\$143,903

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	18.3	11.5	13.2	43.0
LABOR INCOME (MILLIONS \$)	2,629.1	1,217.0	939.0	4,785.0
VALUE ADDED (MILLIONS \$)	2,550.0	1,870.1	1,711.5	6,131.5
OUTPUT (MILLIONS \$)	9,064.6	3,129.6	2,615.1	14,809.3

EMPLOYMENT
Multiplier

2.4

LABOR INCOME
Multiplier

1.8

VALUE ADDED
Multiplier

2.4

OUTPUT
Multiplier

1.6

New Jersey

POPULATION (THOUSANDS) 9,291

GDP (BILLIONS \$) 808

EMPLOYMENT (THOUSANDS) 5,972

LABOR INCOME (BILLIONS \$) 488

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

28.0

LABOR INCOME
(MILLIONS \$)

3,921.5

VALUE ADDED
(MILLIONS \$)

6,136.1

OUTPUT
(MILLIONS \$)

15,868.1

Direct Share of GDP
0.8%

Total Share of GDP
1.6%

Average Labor Income
\$140,304

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	28.0	22.2	21.8	71.9
LABOR INCOME (MILLIONS \$)	3,921.5	2,360.0	1,592.3	7,873.8
VALUE ADDED (MILLIONS \$)	6,136.1	3,630.8	2,895.4	12,662.2
OUTPUT (MILLIONS \$)	15,868.1	6,107.3	4,423.3	26,398.7

EMPLOYMENT
Multiplier

2.6

LABOR INCOME
Multiplier

2.0

VALUE ADDED
Multiplier

2.1

OUTPUT
Multiplier

1.7

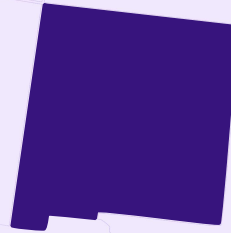
New Mexico

POPULATION (THOUSANDS) 2,114

GDP (BILLIONS \$) 148

EMPLOYMENT (THOUSANDS) 1,171

LABOR INCOME (BILLIONS \$) 74



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

5.1

LABOR INCOME
(MILLIONS \$)

611.9

VALUE ADDED
(MILLIONS \$)

1,209.1

OUTPUT
(MILLIONS \$)

3,652.9

Direct Share of GDP
0.8%

Total Share of GDP
1.3%

Average Labor Income
\$121,168

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	5.1	2.8	2.9	10.8
LABOR INCOME (MILLIONS \$)	611.9	194.4	151.9	958.3
VALUE ADDED (MILLIONS \$)	1,209.1	342.7	308.4	1,860.2
OUTPUT (MILLIONS \$)	3,652.9	726.7	510.7	4,890.3

EMPLOYMENT
Multiplier

2.1

LABOR INCOME
Multiplier

1.6

VALUE ADDED
Multiplier

1.5

OUTPUT
Multiplier

1.3

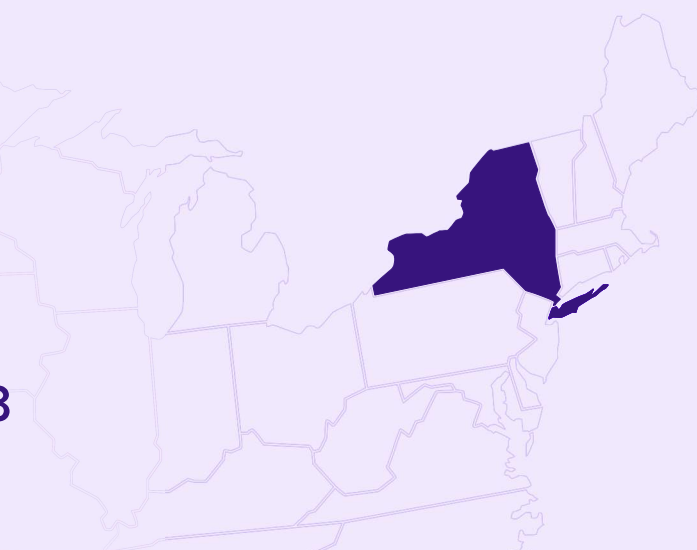
New York

POPULATION (THOUSANDS) 19,571

GDP (BILLIONS \$) 2,119

EMPLOYMENT (THOUSANDS) 13,113

LABOR INCOME (BILLIONS \$) 1,232



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

59.5

LABOR INCOME
(MILLIONS \$)

8,072.1

VALUE ADDED
(MILLIONS \$)

6,375.0

OUTPUT
(MILLIONS \$)

28,501.0

Direct Share of GDP
0.3%

Total Share of GDP
0.9%

Average Labor Income
\$135,597

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	59.5	39.8	39.4	138.7
LABOR INCOME (MILLIONS \$)	8,072.1	4,506.9	3,159.8	15,738.9
VALUE ADDED (MILLIONS \$)	6,375.0	7,398.2	5,867.4	19,640.6
OUTPUT (MILLIONS \$)	28,501.0	12,315.6	8,503.7	49,320.4

EMPLOYMENT
Multiplier

2.3

LABOR INCOME
Multiplier

1.9

VALUE ADDED
Multiplier

3.1

OUTPUT
Multiplier

1.7

North Carolina

POPULATION (THOUSANDS) 10,836

GDP (BILLIONS \$) 789

EMPLOYMENT (THOUSANDS) 6,759

LABOR INCOME (BILLIONS \$) 465



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

43.0

LABOR INCOME
(MILLIONS \$)

5,681.1

VALUE ADDED
(MILLIONS \$)

9,234.0

OUTPUT
(MILLIONS \$)

25,720.7

Direct Share of GDP

1.2%

Total Share of GDP

2.4%

Average Labor Income

\$132,088

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	43.0	37.9	37.0	117.9
LABOR INCOME (MILLIONS \$)	5,681.1	3,382.3	2,218.0	11,281.4
VALUE ADDED (MILLIONS \$)	9,234.0	5,354.7	4,240.7	18,829.4
OUTPUT (MILLIONS \$)	25,720.7	9,795.8	6,906.1	42,422.5

EMPLOYMENT
Multiplier

2.7

LABOR INCOME
Multiplier

2.0

VALUE ADDED
Multiplier

2.0

OUTPUT
Multiplier

1.6

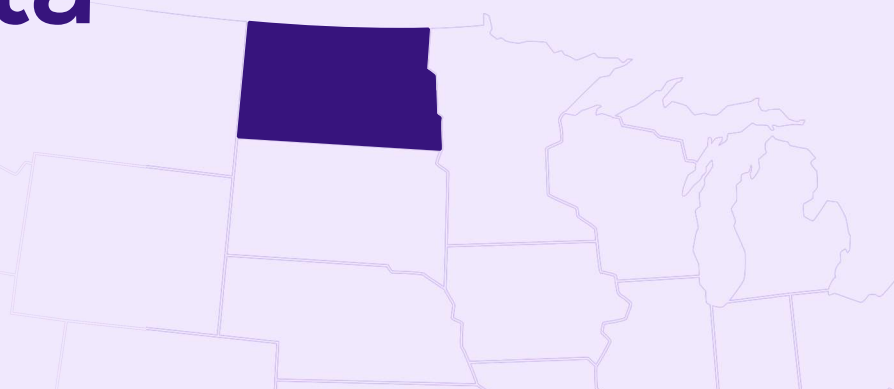
North Dakota

POPULATION (THOUSANDS) 784

GDP (BILLIONS \$) 77

EMPLOYMENT (THOUSANDS) 597

LABOR INCOME (BILLIONS \$) 44



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

1.4

LABOR INCOME
(MILLIONS \$)

145.9

VALUE ADDED
(MILLIONS \$)

109.1

OUTPUT
(MILLIONS \$)

607.3

Direct Share of GDP
0.1%

Total Share of GDP
0.3%

Average Labor Income
\$104,964

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	1.4	0.6	0.6	2.7
LABOR INCOME (MILLIONS \$)	145.9	54.7	38.0	238.6
VALUE ADDED (MILLIONS \$)	109.1	87.0	64.2	260.3
OUTPUT (MILLIONS \$)	607.3	173.3	111.2	891.7

EMPLOYMENT
Multiplier

1.9

LABOR INCOME
Multiplier

1.6

VALUE ADDED
Multiplier

2.4

OUTPUT
Multiplier

1.5

Ohio

POPULATION (THOUSANDS) 11,786

GDP (BILLIONS \$) 893

EMPLOYMENT (THOUSANDS) 7,429

LABOR INCOME (BILLIONS \$) 495



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

39.9

LABOR INCOME
(MILLIONS \$)

4,097.8

VALUE ADDED
(MILLIONS \$)

5,195.1

OUTPUT
(MILLIONS \$)

19,151.6

Direct Share of GDP
0.6%

Total Share of GDP
1.4%

Average Labor Income
\$102,753

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	39.9	30.5	30.3	100.7
LABOR INCOME (MILLIONS \$)	4,097.8	2,511.7	1,764.8	8,374.3
VALUE ADDED (MILLIONS \$)	5,195.1	4,181.7	3,375.2	12,752.0
OUTPUT (MILLIONS \$)	19,151.6	7,977.6	5,502.4	32,631.6

EMPLOYMENT
Multiplier

2.5

LABOR INCOME
Multiplier

2.0

VALUE ADDED
Multiplier

2.5

OUTPUT
Multiplier

1.7

Oklahoma

POPULATION (THOUSANDS) 4,054

GDP (BILLIONS \$) 265

EMPLOYMENT (THOUSANDS) 2,452

LABOR INCOME (BILLIONS \$) 161

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

5.3

LABOR INCOME
(MILLIONS \$)

514.8

VALUE ADDED
(MILLIONS \$)

748.6

OUTPUT
(MILLIONS \$)

2,592.9

Direct Share of GDP
0.3%

Total Share of GDP
0.6%

Average Labor Income
\$97,500

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	5.3	3.5	3.0	11.8
LABOR INCOME (MILLIONS \$)	514.8	247.4	161.0	923.2
VALUE ADDED (MILLIONS \$)	748.6	410.7	311.9	1,471.2
OUTPUT (MILLIONS \$)	2,592.9	827.0	542.1	3,962.1

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.8

VALUE ADDED
Multiplier

2.0

OUTPUT
Multiplier

1.5

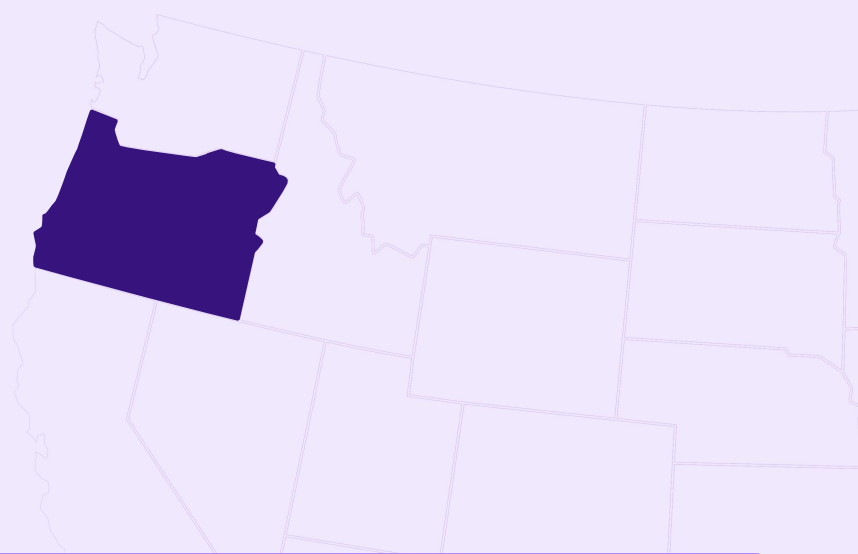
Oregon

POPULATION (THOUSANDS) 4,233

GDP (BILLIONS \$) 322

EMPLOYMENT (THOUSANDS) 2,705

LABOR INCOME (BILLIONS \$) 201



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

36.0

LABOR INCOME
(MILLIONS \$)

6,184.2

VALUE ADDED
(MILLIONS \$)

12,379.3

OUTPUT
(MILLIONS \$)

31,218.9

Direct Share of GDP
3.8%

Total Share of GDP
6.6%

Average Labor Income
\$171,593

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	36.0	30.3	35.2	101.6
LABOR INCOME (MILLIONS \$)	6,184.2	2,921.2	2,286.6	11,392.0
VALUE ADDED (MILLIONS \$)	12,379.3	4,673.3	4,112.6	21,165.3
OUTPUT (MILLIONS \$)	31,218.9	8,813.3	6,517.6	46,549.8

EMPLOYMENT
Multiplier

2.8

LABOR INCOME
Multiplier

1.8

VALUE ADDED
Multiplier

1.7

OUTPUT
Multiplier

1.5

Pennsylvania

POPULATION (THOUSANDS) 12,962

GDP (BILLIONS \$) 991

EMPLOYMENT (THOUSANDS) 8,132

LABOR INCOME (BILLIONS \$) 605



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

50.4

LABOR INCOME
(MILLIONS \$)

5,494.7

VALUE ADDED
(MILLIONS \$)

8,524.0

OUTPUT
(MILLIONS \$)

24,970.6

Direct Share of GDP
0.9%

Total Share of GDP
1.8%

Average Labor Income
\$109,108

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	50.4	33.2	37.5	121.0
LABOR INCOME (MILLIONS \$)	5,494.7	3,084.9	2,467.3	11,046.9
VALUE ADDED (MILLIONS \$)	8,524.0	5,017.1	4,393.1	17,934.2
OUTPUT (MILLIONS \$)	24,970.6	9,532.7	6,997.8	41,501.1

EMPLOYMENT
Multiplier

2.4

LABOR INCOME
Multiplier

2.0

VALUE ADDED
Multiplier

2.1

OUTPUT
Multiplier

1.7

Rhode Island

POPULATION (THOUSANDS) 1,096

GDP (BILLIONS \$) 80

EMPLOYMENT (THOUSANDS) 677

LABOR INCOME (BILLIONS \$) 48

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

4.2

LABOR INCOME
(MILLIONS \$)

483.2

VALUE ADDED
(MILLIONS \$)

436.1

OUTPUT
(MILLIONS \$)

1,859.2

Direct Share of GDP
0.5%

Total Share of GDP
1.5%

Average Labor Income
\$113,962

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	4.2	3.0	2.7	10.0
LABOR INCOME (MILLIONS \$)	483.2	265.0	172.3	920.5
VALUE ADDED (MILLIONS \$)	436.1	413.2	327.7	1,177.0
OUTPUT (MILLIONS \$)	1,859.2	724.4	508.6	3,092.2

EMPLOYMENT
Multiplier

2.3

LABOR INCOME
Multiplier

1.9

VALUE ADDED
Multiplier

2.7

OUTPUT
Multiplier

1.7

South Carolina

POPULATION (THOUSANDS) 5,374

GDP (BILLIONS \$) 331

EMPLOYMENT (THOUSANDS) 3,117

LABOR INCOME (BILLIONS \$) 188



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

19.7

LABOR INCOME
(MILLIONS \$)

2,057.6

VALUE ADDED
(MILLIONS \$)

3,231.1

OUTPUT
(MILLIONS \$)

9,785.2

Direct Share of GDP
1.0%

Total Share of GDP
1.8%

Average Labor Income
\$104,659

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	19.7	12.4	11.4	43.4
LABOR INCOME (MILLIONS \$)	2,057.6	899.3	580.5	3,537.4
VALUE ADDED (MILLIONS \$)	3,231.1	1,500.3	1,225.0	5,956.4
OUTPUT (MILLIONS \$)	9,785.2	2,997.7	2,002.5	14,785.4

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.7

VALUE ADDED
Multiplier

1.8

OUTPUT
Multiplier

1.5

South Dakota

POPULATION (THOUSANDS) 919

GDP (BILLIONS \$) 75

EMPLOYMENT (THOUSANDS) 657

LABOR INCOME (BILLIONS \$) 45

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

2.5

LABOR INCOME
(MILLIONS \$)

190.5

VALUE ADDED
(MILLIONS \$)

192.7

OUTPUT
(MILLIONS \$)

1,155.6

Direct Share of GDP
0.3%

Total Share of GDP
0.6%

Average Labor Income
\$75,896

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	2.5	1.3	1.1	4.9
LABOR INCOME (MILLIONS \$)	190.5	103.9	64.1	358.5
VALUE ADDED (MILLIONS \$)	192.7	178.8	115.3	486.8
OUTPUT (MILLIONS \$)	1,155.6	351.3	195.1	1,701.9

EMPLOYMENT
Multiplier

1.9

LABOR INCOME
Multiplier

1.9

VALUE ADDED
Multiplier

2.5

OUTPUT
Multiplier

1.5

Tennessee

POPULATION (THOUSANDS) 7,127

GDP (BILLIONS \$) 531

EMPLOYMENT (THOUSANDS) 4,573

LABOR INCOME (BILLIONS \$) 328

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

22.0

LABOR INCOME
(MILLIONS \$)

2,308.9

VALUE ADDED
(MILLIONS \$)

3,588.8

OUTPUT
(MILLIONS \$)

11,385.7

Direct Share of GDP
0.7%

Total Share of GDP
1.4%

Average Labor Income
\$105,141

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	22.0	15.4	14.9	52.2
LABOR INCOME (MILLIONS \$)	2,308.9	1,332.3	998.0	4,639.3
VALUE ADDED (MILLIONS \$)	3,588.8	2,080.8	1,795.6	7,465.2
OUTPUT (MILLIONS \$)	11,385.7	3,920.6	2,874.1	18,180.4

EMPLOYMENT
Multiplier

2.4

LABOR INCOME
Multiplier

2.0

VALUE ADDED
Multiplier

2.1

OUTPUT
Multiplier

1.6

Texas

POPULATION (THOUSANDS) 30,503

GDP (BILLIONS \$) 2,587

EMPLOYMENT (THOUSANDS) 20,086

LABOR INCOME (BILLIONS \$) 1,475



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

107.1

LABOR INCOME
(MILLIONS \$)

16,911.2

VALUE ADDED
(MILLIONS \$)

25,772.7

OUTPUT
(MILLIONS \$)

71,914.0

Direct Share of GDP
1.0%

Total Share of GDP
2.2%

Average Labor Income
\$157,901

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	107.1	103.3	120.5	331.0
LABOR INCOME (MILLIONS \$)	16,911.2	9,328.8	7,402.0	33,642.0
VALUE ADDED (MILLIONS \$)	25,772.7	16,008.5	14,011.2	55,792.3
OUTPUT (MILLIONS \$)	71,914.0	29,965.6	23,369.9	125,249.5

EMPLOYMENT
Multiplier

3.1

LABOR INCOME
Multiplier

2.0

VALUE ADDED
Multiplier

2.2

OUTPUT
Multiplier

1.7

Utah

POPULATION (THOUSANDS) 3,418

GDP (BILLIONS \$) 283

EMPLOYMENT (THOUSANDS) 2,395

LABOR INCOME (BILLIONS \$) 155

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

14.4

LABOR INCOME
(MILLIONS \$)

1,783.9

VALUE ADDED
(MILLIONS \$)

2,845.7

OUTPUT
(MILLIONS \$)

8,201.9

Direct Share of GDP
1.0%

Total Share of GDP
2.2%

Average Labor Income
\$123,710

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	14.4	13.9	12.8	41.2
LABOR INCOME (MILLIONS \$)	1,783.9	1,132.9	724.5	3,641.2
VALUE ADDED (MILLIONS \$)	2,845.7	1,864.2	1,502.8	6,212.7
OUTPUT (MILLIONS \$)	8,201.9	3,474.7	2,476.7	14,153.4

EMPLOYMENT
Multiplier

2.9

LABOR INCOME
Multiplier

2.0

VALUE ADDED
Multiplier

2.2

OUTPUT
Multiplier

1.7

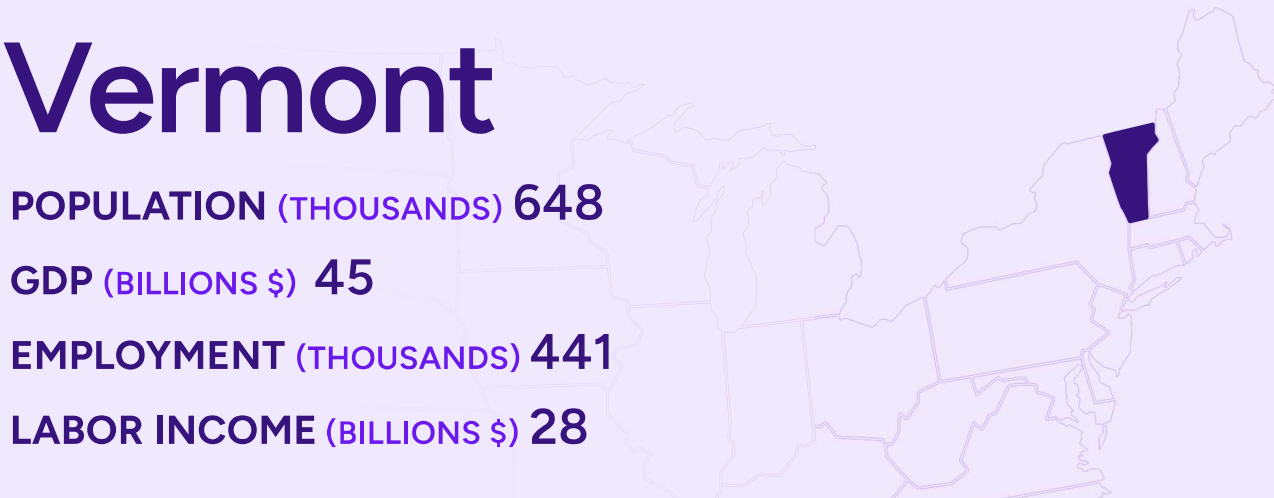
Vermont

POPULATION (THOUSANDS) **648**

GDP (BILLIONS \$) **45**

EMPLOYMENT (THOUSANDS) **441**

LABOR INCOME (BILLIONS \$) **28**



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

3.9

LABOR INCOME
(MILLIONS \$)

497.9

VALUE ADDED
(MILLIONS \$)

602.5

OUTPUT
(MILLIONS \$)

2,344.8

Direct Share of GDP
1.3%

Total Share of GDP
2.8%

Average Labor Income
\$127,667

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	3.9	2.7	2.9	9.4
LABOR INCOME (MILLIONS \$)	497.9	229.0	169.6	896.5
VALUE ADDED (MILLIONS \$)	602.5	340.7	323.3	1,266.5
OUTPUT (MILLIONS \$)	2,344.8	655.0	514.4	3,514.1

EMPLOYMENT
Multiplier

2.4

LABOR INCOME
Multiplier

1.8

VALUE ADDED
Multiplier

2.1

OUTPUT
Multiplier

1.5

Virginia

POPULATION (THOUSANDS) 8,716

GDP (BILLIONS \$) 721

EMPLOYMENT (THOUSANDS) 5,707

LABOR INCOME (BILLIONS \$) 441

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

18.8

LABOR INCOME
(MILLIONS \$)

2,354.6

VALUE ADDED
(MILLIONS \$)

2,701.9

OUTPUT
(MILLIONS \$)

9,310.1

Direct Share of GDP
0.4%

Total Share of GDP
0.8%

Average Labor Income
\$125,512

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	18.8	11.2	11.7	41.6
LABOR INCOME (MILLIONS \$)	2,354.6	1,052.1	708.7	4,115.4
VALUE ADDED (MILLIONS \$)	2,701.9	1,750.0	1,418.6	5,870.5
OUTPUT (MILLIONS \$)	9,310.1	3,017.6	2,208.9	14,536.7

EMPLOYMENT
Multiplier

2.2

LABOR INCOME
Multiplier

1.7

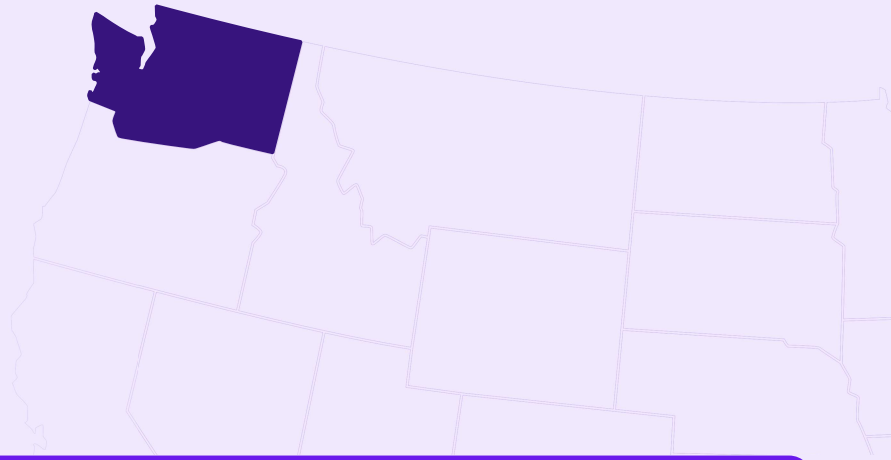
VALUE ADDED
Multiplier

2.2

OUTPUT
Multiplier

1.6

Washington



POPULATION (THOUSANDS) **7,813**

GDP (BILLIONS \$) **803**

EMPLOYMENT (THOUSANDS) **4,871**

LABOR INCOME (BILLIONS \$) **453**

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT (THOUSAND PERSONS)	LABOR INCOME (MILLIONS \$)	VALUE ADDED (MILLIONS \$)	OUTPUT (MILLIONS \$)
21.3	2,878.5	4,931.2	12,647.4

Direct Share of GDP
0.6%

Total Share of GDP
1.2%

Average Labor Income
\$135,141

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	21.3	14.6	14.3	50.1
LABOR INCOME (MILLIONS \$)	2,878.5	1,822.7	1,109.8	5,811.0
VALUE ADDED (MILLIONS \$)	4,931.2	2,530.6	2,255.5	9,717.4
OUTPUT (MILLIONS \$)	12,647.4	4,382.0	3,377.9	20,407.2

EMPLOYMENT
Multiplier
2.4

LABOR INCOME
Multiplier
2.0

VALUE ADDED
Multiplier
2.0

OUTPUT
Multiplier
1.6

West Virginia

POPULATION (THOUSANDS) 1,770

GDP (BILLIONS \$) 106

EMPLOYMENT (THOUSANDS) 907

LABOR INCOME (BILLIONS \$) 56

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

1.9

LABOR INCOME
(MILLIONS \$)

160.0

VALUE ADDED
(MILLIONS \$)

217.2

OUTPUT
(MILLIONS \$)

864.6

Direct Share of GDP
0.2%

Total Share of GDP
0.4%

Average Labor Income
\$83,333

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	1.9	0.8	0.7	3.5
LABOR INCOME (MILLIONS \$)	160.0	56.1	39.9	255.9
VALUE ADDED (MILLIONS \$)	217.2	91.8	75.1	384.1
OUTPUT (MILLIONS \$)	864.6	180.7	123.4	1,168.7

EMPLOYMENT
Multiplier

1.8

LABOR INCOME
Multiplier

1.6

VALUE ADDED
Multiplier

1.8

OUTPUT
Multiplier

1.4

Wisconsin

POPULATION (THOUSANDS) 5,911

GDP (BILLIONS \$) 434

EMPLOYMENT (THOUSANDS) 3,825

LABOR INCOME (BILLIONS \$) 257



Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

33.2

LABOR INCOME
(MILLIONS \$)

3,823.8

VALUE ADDED
(MILLIONS \$)

5,660.9

OUTPUT
(MILLIONS \$)

17,159.3

Direct Share of GDP
1.3%

Total Share of GDP
2.7%

Average Labor Income
\$115,105

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	33.2	24.1	24.8	82.1
LABOR INCOME (MILLIONS \$)	3,823.8	2,088.9	1,484.5	7,397.2
VALUE ADDED (MILLIONS \$)	5,660.9	3,331.4	2,800.9	11,793.2
OUTPUT (MILLIONS \$)	17,159.3	6,448.6	4,569.0	28,176.8

EMPLOYMENT
Multiplier

2.5

LABOR INCOME
Multiplier

1.9

VALUE ADDED
Multiplier

2.1

OUTPUT
Multiplier

1.6

Wyoming

POPULATION (THOUSANDS) 584

GDP (BILLIONS \$) 53

EMPLOYMENT (THOUSANDS) 443

LABOR INCOME (BILLIONS \$) 27

Electronics Manufacturing Direct Economic Contribution

EMPLOYMENT
(THOUSAND PERSONS)

0.8

LABOR INCOME
(MILLIONS \$)

68.6

VALUE ADDED
(MILLIONS \$)

86.2

OUTPUT
(MILLIONS \$)

338.8

Direct Share of GDP

0.2%

Total Share of GDP

0.3%

Average Labor Income

\$89,091

Direct, Indirect, Induced Impacts

	DIRECT	INDIRECT	INDUCED	TOTAL
EMPLOYMENT (THOUSAND PERSONS)	0.8	0.3	0.2	1.3
LABOR INCOME (MILLIONS \$)	68.6	20.8	10.4	99.7
VALUE ADDED (MILLIONS \$)	86.2	35.6	22.3	144.0
OUTPUT (MILLIONS \$)	338.8	73.6	39.6	452.0

EMPLOYMENT
Multiplier

1.7

LABOR INCOME
Multiplier

1.5

VALUE ADDED
Multiplier

1.7

OUTPUT
Multiplier

1.3

Endnotes

¹ IMPLAN, like other input-output (I-O) models, is built on the assumption of a static economic structure. It relies on fixed technical coefficients, meaning it assumes constant input-output relationships across industries, regardless of shifts in technology, behavior, or market conditions. The model does not account for price changes or how businesses and consumers might adjust in response to those changes. It also lacks dynamic features such as substitution effects, productivity improvements, or long-term structural evolution. As a result, IMPLAN provides a useful snapshot of economic impacts within a single year but is not designed for forecasting or capturing real-time economic shifts.