

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Arizona

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Arizona Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	4	Not disclosable	Not disclosable
Wire Fabricators	10	222	\$ 8,376,592
Spring Manufacturers	6	75	\$ 3,027,092
Steel Mills	12	295	\$16,002,688
TOTAL	32	592	\$27,406,372

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

California

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The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

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Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the California Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	24	569	\$ 34,660,760
Wire Fabricators	82	1,334	\$ 59,897,512
Spring Manufacturers	48	1,690	\$ 80,637,996
Steel Mills	111	3,136	\$208,479,744
TOTAL	265	6,729	\$383,676,012

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Connecticut

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Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Connecticut Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	5	356	\$ 19,511,712
Wire Fabricators	12	221	\$ 11,307,724
Spring Manufacturers	27	938	\$ 79,405,932
Steel Mills	3	<i>Not disclosable</i>	<i>Not disclosable</i>
TOTAL	47	1,515	\$110,225,368

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Florida

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Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Florida Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	9	159	\$ 6,635,604
Wire Fabricators	42	512	\$23,671,020
Spring Manufacturers	6	106	\$ 6,884,144
Steel Mills	26	472	\$29,783,536
TOTAL	83	1,249	\$66,974,304

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

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NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Georgia

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Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Georgia Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	5	Not disclosable	Not disclosable
Wire Fabricators	20	367	\$17,725,204
Spring Manufacturers	5	133	\$ 6,093,016
Steel Mills	28	820	\$53,377,444
TOTAL	58	1,320	\$77,195,664

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Illinois

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Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Illinois Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	23	459	\$ 26,194,312
Wire Fabricators	88	2,208	\$113,270,292
Spring Manufacturers	59	2,166	\$129,960,852
Steel Mills	71	4,975	\$337,028,808
TOTAL	241	9,808	\$606,454,264

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

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NAICS industry code #331111, Iron and Steel Mills.

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AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Indiana

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Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Indiana Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	8	995	\$ 53,982,264
Wire Fabricators	33	1,207	\$ 49,217,624
Spring Manufacturers	17	980	\$ 52,551,380
Steel Mills	21	19,146	\$1,780,378,348
TOTAL	79	22,328	\$1,936,129,616

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

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AMERICAN WIRE PRODUCERS ASSOCIATION

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September 2015

Kentucky

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Contribution of the Wire and Wire Products Industry to the Kentucky Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	4	177	\$ 7,141,864
Wire Fabricators	15	915	\$ 46,744,100
Spring Manufacturers	13	1,430	\$ 79,292,032
Steel Mills	28	1,300	\$ 79,665,352
TOTAL	60	3,822	\$212,843,348

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Maryland

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Maryland Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	2	Not disclosable	Not disclosable
Wire Fabricators	12	278	\$14,832,776
Spring Manufacturers	3	170	\$ 7,005,380
Steel Mills	11	201	\$10,231,180
TOTAL	28	649	\$32,069,336

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Massachusetts

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Massachusetts Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	5	541	\$37,395,116
Wire Fabricators	15	470	\$19,961,132
Spring Manufacturers	6	80	\$ 6,242,352
Steel Mills	6	33	\$ 1,223,940
TOTAL	37	1,171	\$64,822,540

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Michigan

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Michigan Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	12	262	\$ 15,435,072
Wire Fabricators	44	1,296	\$ 60,487,340
Spring Manufacturers	37	1,936	\$ 89,808,160
Steel Mills	48	5,438	\$443,344,364
TOTAL	141	8,932	\$609,074,936

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Missouri

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Missouri Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	10	967	\$ 40,068,668
Wire Fabricators	19	1,303	\$ 50,656,608
Spring Manufacturers	8	77	\$ 5,666,880
Steel Mills	18	136	\$ 5,194,136
TOTAL	55	2,483	\$101,586,292

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

New York

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the New York Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	4	48	\$ 2,239,264
Wire Fabricators	32	562	\$22,657,716
Spring Manufacturers	15	403	\$19,367,100
Steel Mills	28	897	\$46,984,844
TOTAL	79	1,910	\$91,248,924

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

North Carolina

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the North Carolina Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	13	883	\$ 41,990,868
Wire Fabricators	20	513	\$ 19,319,688
Spring Manufacturers	14	274	\$ 9,120,580
Steel Mills	23	1,232	\$ 86,564,928
TOTAL	70	2,902	\$156,996,064

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Ohio

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Ohio Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	16	781	\$ 35,341,684
Wire Fabricators	43	1,451	\$ 70,475,868
Spring Manufacturers	40	1,167	\$ 49,554,580
Steel Mills	60	8,393	\$633,509,272
TOTAL	159	11,792	\$788,881,404

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Oklahoma

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Oklahoma Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	5	Not disclosable	Not disclosable
Wire Fabricators	13	556	\$25,641,364
Spring Manufacturers	10	369	\$13,815,264
Steel Mills	16	723	\$32,636,348
TOTAL	44	1,648	\$72,092,976

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Pennsylvania

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Pennsylvania Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	24	1,414	\$ 67,586,656
Wire Fabricators	43	1,958	\$ 94,998,748
Spring Manufacturers	25	991	\$ 53,030,012
Steel Mills	57	12,743	\$ 926,107,716
TOTAL	149	17,106	\$1,141,723,132

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

South Carolina

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the South Carolina Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	16	308	\$ 15,485,976
Wire Fabricators	11	491	\$ 22,920,024
Spring Manufacturers	8	182	\$ 9,967,588
Steel Mills	28	1,399	\$111,560,024
TOTAL	63	2,380	\$159,933,612

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Tennessee

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Tennessee Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	6	225	\$ 9,891,184
Wire Fabricators	31	1,445	\$ 54,756,044
Spring Manufacturers	9	285	\$ 13,775,356
Steel Mills	20	1,485	\$ 88,761,204
TOTAL	66	3,440	\$167,183,788

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Texas

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Texas Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	21	Not disclosable	Not disclosable
Wire Fabricators	69	2,083	\$100,751,316
Spring Manufacturers	28	1,017	\$ 53,019,896
Steel Mills	108	5,241	\$304,959,076
TOTAL	226	8,341	\$458,730,288

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Washington

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Washington Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	1	Not disclosable	Not disclosable
Wire Fabricators	20	224	\$ 8,068,628
Spring Manufacturers	3	37	\$ 1,557,064
Steel Mills	7	12	\$ 380,256
TOTAL	31	273	\$10,005,948

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

Wisconsin

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Contribution of the Wire and Wire Products Industry to the Wisconsin Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	3	<i>Not disclosable</i>	<i>Not disclosable</i>
Wire Fabricators	21	868	\$42,383,172
Spring Manufacturers	14	817	\$37,693,860
Steel Mills	6	261	\$18,084,228
TOTAL	44	1,946	\$98,161,228

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, and Occupational Employment Statistics Survey

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

AMERICAN WIRE PRODUCERS ASSOCIATION

The State of the United States Wire and Wire Products Industry

September 2015

The United States Wire and Wire Products Industry includes the companies that manufacture carbon, alloy and stainless steel wire and wire products; the US rod mills that manufacture the primary raw material used in making wire – wire rod; and wire customers who buy wire and manufacture wire products. All of these companies make significant contributions to the economies of the states in which they are located. They provide jobs for US workers and the payroll which supports their workers. The companies spend money on the products and services required to run their operations.

The following is a summary of key indicators of the importance of the Wire and Wire products industry to the US economy. The Wire Industry Supply Chain includes wire drawers, manufacturers of wire products and springs fabricated from wire, and steel mills, some of which supply wire rod, the raw material for wire and wire products.

Contribution of the Wire and Wire Products Industry to Overall Economy

Manufacturers	Plants	Employees	Annual Wages
Wire Drawers	245	10,886	\$ 554,493,560
Wire Fabricators	917	26,158	\$1,215,059,308
Spring Manufacturers	446	16,799	\$ 875,104,328
Steel Mills	890	86,951	\$6,705,671,340
TOTAL	2,498	140,794	\$9,350,328,536

Description of Industry by NAICS Code

NAICS industry code #331222, Steel Wire Drawing.

This category includes steel wire drawing; barbed and twisted wire made in wire drawing plants; iron or steel baskets; iron or steel cable; iron or steel chain link fencing; drawing iron or steel wire from purchased steel wire or wire fabricating wire products; iron or steel fence gates and fittings; form ties made in wire drawing plants; iron or steel horseshoe nails; mesh wire made in wire drawing mills; iron or steel nails; iron or steel paper clips; iron or steel spikes; iron or steel staples; iron or steel tacks; tie wires made in wire drawing plants; welded iron steel wire fabric made in wire drawing plants; iron or steel wire cages; iron or steel wire carts made in wire drawing plants; iron or steel wire cloth; iron or steel wire garment hangers; iron or steel wire products made in wire drawing plants; and other iron or steel wire products.

NAICS industry code #332618, Other Fabricated Wire Product Manufacturing.

This category includes the following products made from purchased wire: automobile skid chains; bale ties; barbed wire; metal baskets; conveyor belts; brackets; noninsulated wire cable; cages; chain link fencing; chain; chicken netting; woven wire cloth; coat hangers; concrete reinforcing mesh; crab traps; cylinder wire cloth; delivery cases; grilles and grillwork; insect screening; key rings; lamp frames; nails; staples; paper clips; paper machine wire cloth; poultry netting; racks, wire rope; slings; spikes, stranded wire; tacks; tire chains; wire trays and woven window screening.

NAICS industry code #332613, Spring Manufacturing.

This category includes establishments primarily engaged in manufacturing springs from purchased wire, strip or rod.

NAICS industry code #331111, Iron and Steel Mills.

This category includes establishments primarily engaged in one or more of the following: (1) direct reduction of iron ore; (2) manufacturing pig iron in molten or solid form; (3) converting pig iron into steel; (4) making steel; (5) making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); (6) making steel and forming pipe and tube; and (7) manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.