

NAICS Subsector 331 – Primary Metal Manufacturing

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331111	IRON AND STEEL MILLS				
33111111	COKE OVEN AND BLAST FURNACE PRODUCTS, MADE IN STEEL MILLS				
33111111	Coke oven and blast furnace products, made in steel mills				
3311111101	Coke oven products, coke (excluding screenings and breeze), made in steel mills	1,000 s tons	P,S		See Appendix D
3311111103	Coke oven products, screenings and breeze, made in steel mills	1,000 s tons	P,S		See Appendix D
3311111105	Coke oven products, crude tar, made in steel mills	mil gal	P,S		See Appendix D
3311111107	Coke oven products, crude light oil, made in steel mills	mil gal	P,S		See Appendix D
3311111109	Coke oven products, other (including tar derivatives, ammonia, light oil derivations, and coke oven gas), made in steel mills		SV		See Appendix D
3311111111	Blast furnace pig iron (excluding ferroalloys), including pig iron with silicon content up to and including 6 percent silicon, made in steel mills	1,000 s tons	P,S		
3311111113	Blast furnace slag, excluding ferroalloys, made in steel mills	1,000 s tons	P,S		
3311111115	Blast furnace sinter from ore, flue dust, blast furnace gas and other materials (excluding ferroalloys), made in steel mills		SV		
3311111117	Other blast furnace products, excluding ferroalloys, made in steel mills		SV		
33111113	STEEL INGOTS AND SEMIFINISHED SHAPES AND FORMS, MADE IN STEEL MILLS				
33111131	Steel ingots and semifinished shapes and forms, made in steel mills				
3311113100	Steel ingots and semifinished shapes and forms, made in steel mills		SV	MA331B	
3311113110	Carbon steel ingots	metric tons	C,R,Q,S	MA331B	
3311113120	Alloy steel ingots	metric tons	C,R,Q,S	MA331B	
3311113130	Stainless steel ingots	metric tons	C,R,Q,S	MA331B	
3311113140	Carbon steel blooms, billets, sheet bars, tin mill bars, tube rounds, and skelp	metric tons	C,R,Q,S	MA331B	
3311113150	Carbon steel slabs	metric tons	C,R,Q,S	MA331B	
3311113160	Alloy steel blooms, billets, sheet bars, tube rounds, and skelp	metric tons	C,R,Q,S	MA331B	
3311113170	Alloy steel slabs	metric tons	C,R,Q,S	MA331B	
3311113180	Stainless steel blooms, billets, slabs, sheet bars, tube rounds, and skelp	metric tons	C,R,Q,S	MA331B	
3311113190	Carbon steel wire rods	metric tons	C,R,Q,S	MA331B	
33111131A0	Alloy steel wire rods	metric tons	C,R,Q,S	MA331B	
33111131B0	Stainless steel wire rods	metric tons	C,R,Q,S	MA331B	
33111115	HOT ROLLED STEEL SHEET AND STRIP (INCLUDING TIN MILL PRODUCTS, TINPLATE, BLACKPLATE, TERNEPLATE, AND TIN-FREE STEEL), MADE IN STEEL MILLS				
33111151	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills				
3311115100	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills		SV	MA331B	
3311115110	Carbon steel sheet, hot rolled, including hot rolled bands	metric tons	C,R,Q,S	MA331B	
3311115120	Carbon steel sheet and strip, galvanized, hot dipped	metric tons	C,R,Q,S	MA331B	
3311115130	Carbon steel sheet and strip, galvanized, electrolytic	metric tons	C,R,Q,S	MA331B	
3311115140	Carbon steel sheet and strip, electrical	metric tons	C,R,Q,S	MA331B	
3311115150	Carbon steel sheet and strip, all other metallic coated, including long ternes	metric tons	C,R,Q,S	MA331B	
3311115160	Carbon steel strip, hot rolled	metric tons	C,R,Q,S	MA331B	
3311115170	Alloy steel sheet, hot rolled	metric tons	C,R,Q,S	MA331B	
3311115180	Alloy steel sheet and strip, galvanized hot dipped	metric tons	C,R,Q,S	MA331B	
3311115190	Alloy steel sheet and strip, all other metallic coated (including electrolytic)	metric tons	C,R,Q,S	MA331B	
33111151A0	Alloy steel strip, hot rolled	metric tons	C,R,Q,S	MA331B	
33111151B0	Stainless steel sheet and strip, hot rolled	metric tons	C,R,Q,S	MA331B	
33111151C0	Carbon steel tin mill products, black plate	metric tons	C,R,Q,S	MA331B	
33111151D0	Carbon steel tin mill products, electrolytic and hot dipped tin plate	metric tons	C,R,Q,S	MA331B	
33111151E0	Carbon steel tin mill products, tin free steel	metric tons	C,R,Q,S	MA331B	
33111151F0	Carbon steel tin mill products, all other tin mill products, including short ternes and foil	metric tons	C,R,Q,S	MA331B	
33111117	HOT ROLLED STEEL BARS AND BAR SHAPES, PLATES, STRUCTURAL SHAPES, AND PILING (INCLUDING CONCRETE REINFORCING AND TOOL STEEL BARS), MADE IN STEEL MILLS				
33111171	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills				
3311117100	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills		SV	MA331B	
3311117110	Carbon steel plates, cut lengths	metric tons	C,R,Q,S	MA331B	
3311117120	Carbon steel plates, in coils	metric tons	C,R,Q,S	MA331B	
3311117130	Carbon steel structural shapes (heavy), wide flange	metric tons	C,R,Q,S	MA331B	
3311117140	Carbon steel structural shapes (heavy), standard	metric tons	C,R,Q,S	MA331B	
3311117150	Alloy steel plates, cut lengths	metric tons	C,R,Q,S	MA331B	
3311117160	Alloy steel plates, in coils	metric tons	C,R,Q,S	MA331B	
3311117170	Alloy steel structural shapes (3 in. and under)	metric tons	C,R,Q,S	MA331B	
3311117180	Stainless steel plates and structurals	metric tons	C,R,Q,S	MA331B	
3311117190	Carbon steel bars, hot rolled, except concrete reinforcing	metric tons	C,R,Q,S	MA331B	
33111171A0	Carbon steel bars, light structurals (under 3 in.)	metric tons	C,R,Q,S	MA331B	
33111171B0	Carbon steel bars, concrete reinforcing	metric tons	C,R,Q,S	MA331B	
33111171C0	Alloy steel bars, hot rolled, including structural shapes under 3 in.	metric tons	C,R,Q,S	MA331B	
33111171D0	Stainless steel bars, hot rolled	metric tons	C,R,Q,S	MA331B	
33111171E0	Carbon steel sheet piling and bearing piles	metric tons	C,R,Q,S	MA331B	
33111171F0	Alloy tool steel, high speed	metric tons	C,R,Q,S	MA331B	
33111171G0	Alloy tool steel, other (excluding high speed)	metric tons	C,R,Q,S	MA331B	
33111119	STEEL WIRE, INCLUDING GALVANIZED AND OTHER COATED WIRE, MADE IN STEEL MILLS PRODUCING WIRE RODS OR HOT ROLLED BARS				
33111191	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars				
3311119100	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars		SV	MA331B	See Appendix D
3311111B	STEEL PIPES AND TUBES, MADE IN STEEL MILLS PRODUCING SEMIFINISHED SHAPES OR PLATE				

See footnotes at end of subsector.

NAICS Subsector 331 — Primary Metal Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331111	IRON AND STEEL MILLS—Con.				
331111B	STEEL PIPES AND TUBES, MADE IN STEEL MILLS PRODUCING SEMIFINISHED SHAPES OR PLATE—Con.				
331111B1	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate				
331111B100	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate		SV	MA331B	See Appendix D
331111D	COLD ROLLED STEEL SHEET AND STRIP, MADE IN STEEL MILLS PRODUCING HOT ROLLED SHEET OR STRIP				
331111D1	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip				
331111D100	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip		SV	MA331B	See Appendix D
331111F	COLD FINISHED STEEL BARS AND BAR SHAPES, MADE IN STEEL MILLS PRODUCING HOT ROLLED BARS AND BAR SHAPES				
331111F1	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes				
331111F100	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes		SV	MA331B	See Appendix D
331111H	SEAMLESS ROLLED RING FORGINGS, FERROUS, MADE IN STEEL MILLS				
331111H1	Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature), made in steel mills				
331111H101	Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature), made in steel mills		SV		See Appendix D
331111H2	Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings, made in steel mills				
331111H203	Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings, made in steel mills		SV		See Appendix D
331111J	OPEN DIE AND SMITH FORGINGS (HAMMER AND PRESS), FERROUS, MADE IN STEEL MILLS				
331111J1	Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature, made in steel mills				
331111J101	Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature, made in steel mills		SV		See Appendix D
331111J2	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press), made in steel mills				
331111J203	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press), made in steel mills		SV		See Appendix D
331111L	OTHER STEEL MILL PRODUCTS, INCLUDING STEEL RAILS, EXCEPT WIRE PRODUCTS				
331111L1	Other steel mill products, including steel rails, except wire products				
331111L100	Other steel mill products, including steel rails, except wire products		SV	MA331B	
331111L110	Carbon steel rails, standard tee (over 60 lb per yard)	metric tons	C,R,Q,S	MA331B	
331111L120	Carbon steel rails, all other, including light (60 lb per yd and under)	metric tons	C,R,Q,S	MA331B	
331111L130	Carbon steel joint bars	metric tons	C,R,Q,S	MA331B	
331111L140	Carbon steel tie plates	metric tons	C,R,Q,S	MA331B	
331111L150	Carbon steel wheels (rolled and forged)	metric tons	C,R,Q,S	MA331B	
331111L160	Carbon steel axles (rolled and forged)	metric tons	C,R,Q,S	MA331B	
331111L170	Carbon steel track spikes	metric tons	C,R,Q,S	MA331B	
331112	ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING				
3311121	FERROCHROMIUM, INCLUDING BRIQUETTES, FERROCHROMIUM SILICON, EXOTHERMIC CHROMIUM ADDITIVES, AND OTHER CHROMIUM ALLOYS				
33111211	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys				
3311121100	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys	1,000 s tons	P,S		
3311123	FERROSILICON, INCLUDING BRIQUETTES, AND OTHER SILICON ALLOYS				
33111231	Ferrosilicon, including briquettes, and other silicon alloys				
3311123100	Ferrosilicon, including briquettes, and other silicon alloys	1,000 s tons	P,S		
3311125	OTHER FERROALLOYS				
33111251	Ferrous superalloys				
3311125101	Ferrous superalloys	1,000 s tons	P,S		
33111252	Other ferroalloys, including silvery iron, ferromanganese, manganese metal, silicomanganese and ferrospegeleisen				
3311125203	Other ferroalloys, including silvery iron, ferromanganese, manganese metal, silicomanganese and ferrospegeleisen	1,000 s tons	P,S		
33111253	Other ferrous products made in electric and other furnaces				
3311125305	Other ferrous products made in electric and other furnaces		SV		

See footnotes at end of subsector.

NAICS Subsector 331 — Primary Metal Manufacturing — Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331210	IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL				
3312100	IRON AND STEEL PIPES AND TUBES, MADE FROM PURCHASED IRON AND STEEL				
33121001	Iron and steel pipes and tubes, made from purchased iron and steel				
3312100100	Iron and steel pipes and tubes, made from purchased iron and steel		SV	MA331B	See Appendix D
3312100110	Carbon steel pipe and tubes, line pipe, 16 in. O.D. and under	metric tons	C,R,Q,S	MA331B	
3312100120	Carbon steel pipe and tubes, line pipe, over 16 in O.D.	metric tons	C,R,Q,S	MA331B	
3312100130	Carbon steel pipe and tubes, oil country goods	metric tons	C,R,Q,S	MA331B	
3312100140	Alloy steel pipe and tubes, oil country goods and line pipe	metric tons	C,R,Q,S	MA331B	
3312100150	Carbon steel pipe and tubes, pressure tubing, seamless	metric tons	C,R,Q,S	MA331B	
3312100160	Carbon steel pipe and tubes, pressure tubing, welded	metric tons	C,R,Q,S	MA331B	
3312100170	Alloy steel pipe and tubes, pressure tubing	metric tons	C,R,Q,S	MA331B	
3312100180	Stainless steel pipe and tubes, pressure tubing, seamless	metric tons	C,R,Q,S	MA331B	
3312100190	Stainless steel pipe and tubes, pressure tubing, welded	metric tons	C,R,Q,S	MA331B	
33121001A0	Carbon steel pipe and tubes, mechanical tubing, seamless	metric tons	C,R,Q,S	MA331B	
33121001B0	Carbon steel pipe and tubes, mechanical tubing, welded	metric tons	C,R,Q,S	MA331B	
33121001C0	Alloy steel pipe and tubes, mechanical tubing	metric tons	C,R,Q,S	MA331B	
33121001D0	Stainless steel pipe and tubes, mechanical tubing, seamless	metric tons	C,R,Q,S	MA331B	
33121001E0	Stainless steel pipe and tubes, mechanical tubing, welded	metric tons	C,R,Q,S	MA331B	
33121001F0	Carbon steel pipe and tubes, structurals	metric tons	C,R,Q,S	MA331B	
33121001G0	Carbon steel pipe and tubes, miscellaneous (including standard pipe)	metric tons	C,R,Q,S	MA331B	
33121001H0	Alloy steel pipe and tubes, miscellaneous (including standard and structural)	metric tons	C,R,Q,S	MA331B	
33121001J0	Stainless steel pipe and tubes, other	metric tons	C,R,Q,S	MA331B	
331221	ROLLED STEEL SHAPE MANUFACTURING				
3312211	COLD ROLLED STEEL SHEET AND STRIP, MADE FROM PURCHASED STEEL				
33122111	Cold rolled steel sheet and strip, made from purchased steel				
3312211100	Cold rolled steel sheet and strip, made from purchased steel		SV	MA331B	See Appendix D
3312211110	Carbon steel sheet, cold rolled	metric tons	C,R,Q,S	MA331B	
3312211120	Carbon steel strip, cold rolled	metric tons	C,R,Q,S	MA331B	
3312211130	Alloy steel sheet, cold rolled	metric tons	C,R,Q,S	MA331B	
3312211140	Alloy steel strip, cold rolled	metric tons	C,R,Q,S	MA331B	
3312211150	Stainless steel sheet and strip, cold rolled	metric tons	C,R,Q,S	MA331B	
3312213	COLD FINISHED STEEL BARS AND BAR SHAPES, MADE FROM PURCHASED STEEL				
33122131	Cold finished steel bars and bar shapes, made from purchased steel				
3312213100	Cold finished steel bars and bar shapes, made from purchased steel		SV	MA331B	See Appendix D
3312213110	Carbon steel bars, cold finished	metric tons	C,R,Q,S	MA331B	
3312213120	Alloy steel bars, cold finished	metric tons	C,R,Q,S	MA331B	
3312213130	Stainless steel bars, cold finished	metric tons	C,R,Q,S	MA331B	
3312215	IRON AND STEEL POWDERS, PASTE, AND FLAKES, MADE FROM PURCHASED STEEL				
33122151	Iron and steel powders, paste, and flakes, made from purchased steel				
3312215100	Iron and steel powders, paste, and flakes, made from purchased steel	mil lb	S		
331222	STEEL WIRE DRAWING				
3312221	NONINSULATED FERROUS WIRE ROPE, CABLE, FORMS, AND STRAND, MADE IN PLANTS THAT DRAW WIRE				
33122211	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire				
3312221101	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire		SV	MA331B	See Appendix D
3312221110	Carbon steel wire rope and cable	metric tons	C,R,Q,S	MA331B	
3312221112	Carbon steel wire rope assemblies, including lifting slings	metric tons	C,R,Q,S	MA331B	
33122212	Noninsulated ferrous wire forms and strand (including strand for prestressed concrete, composite wire strand (except ACSR), and guard rail cable), made in plants that draw wire				
3312221201	Noninsulated ferrous wire forms and strand (including strand for prestressed concrete, composite wire strand (except ACSR), and guard rail cable), made in plants that draw wire		SV	MA331B	See Appendix D
3312221214	Carbon steel wire forms and composite rope and cable	metric tons	C,R,Q,S	MA331B	
3312221230	Carbon steel wire strand, for prestressed concrete	metric tons	C,R,Q,S	MA331B	
3312221240	Carbon steel wire strand, other, including composite wire strand (except ACSR and guard rail cable)	metric tons	C,R,Q,S	MA331B	
3312223	STEEL NAILS, STAPLES, TACKS, SPIKES, AND BRADS, MADE IN PLANTS THAT DRAW WIRE				
33122231	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire				
3312223100	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire		SV	MA331B	See Appendix D
3312223101	Carbon steel round wire nails, collated, prepackaged	metric tons	C,R,Q,S	MA331B	
3312223103	Carbon steel round wire nails (excluding collated and prepackaged), smooth shank, galvanized	metric tons	C,R,Q,S	MA331B	
3312223105	Carbon steel round wire nails (excluding collated and prepackaged), smooth shank, vinyl, resin, or cement coated	metric tons	C,R,Q,S	MA331B	
3312223107	Carbon steel round wire nails (excluding collated and prepackaged), smooth shank, other coated, plated, or painted	metric tons	C,R,Q,S	MA331B	
3312223109	Carbon steel round wire nails (excluding collated and prepackaged), smooth shank (excluding coated, plated, or painted)	metric tons	C,R,Q,S	MA331B	
3312223111	Carbon steel round wire nails (excluding collated and smooth shank), coated, plated, or painted	metric tons	C,R,Q,S	MA331B	
3312223113	Carbon steel round wire nails (excluding collated and smooth shank), excluding coated, plated, or painted	metric tons	C,R,Q,S	MA331B	
3312223122	Carbon steel cut nails, including horseshoe	metric tons	C,R,Q,S	MA331B	
3312223124	Carbon steel wire staples	metric tons	C,R,Q,S	MA331B	
3312223126	Carbon steel tacks, wire and cut	metric tons	C,R,Q,S	MA331B	

See footnotes at end of subsector.

NAICS Subsector 331 — Primary Metal Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331222	STEEL WIRE DRAWING—Con.				
3312223	STEEL NAILS, STAPLES, TACKS, SPIKES, AND BRADS, MADE IN PLANTS THAT DRAW WIRE—Con.				
33122231	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire—Con.				
3312223128	Carbon steel spikes and brads, including track spikes	metric tons	C,R,Q,S	MA331B	
3312225	STEEL WIRE, INCLUDING GALVANIZED AND OTHER COATED WIRE, MADE IN PLANTS THAT DRAW WIRE				
33122251	Steel wire, including galvanized and other coated wire, made in plants that draw wire				
3312225100	Steel wire, including galvanized and other coated wire, made in plants that draw wire		SV	MA331B	See Appendix D
3312225110	Carbon steel wire, plain, flat wire	metric tons	C,R,Q,S	MA331B	
3312225120	Carbon steel wire, plain, round wire, thermally treated, under 1.55 mm in diameter	metric tons	C,R,Q,S	MA331B	
3312225130	Carbon steel wire, plain, round wire, thermally treated, 1.55 mm or larger in diameter	metric tons	C,R,Q,S	MA331B	
3312225140	Carbon steel wire, plain, round wire, other, under 1.55 mm in diameter	metric tons	C,R,Q,S	MA331B	
3312225150	Carbon steel wire, plain, round wire, other, 1.55 mm or larger in diameter	metric tons	C,R,Q,S	MA331B	
3312225160	Carbon steel wire, plain, other shapes	metric tons	C,R,Q,S	MA331B	
3312225170	Carbon steel wire, plated or coated with zinc, round wire, under 1.55 mm in diameter	metric tons	C,R,Q,S	MA331B	
3312225180	Carbon steel wire, plated or coated with zinc, round wire, 1.55 mm or larger in diameter	metric tons	C,R,Q,S	MA331B	
3312225190	Carbon steel wire, plated or coated with zinc, other shapes (including flat)	metric tons	C,R,Q,S	MA331B	
33122251A0	Carbon steel wire, other coated wire, flat	metric tons	C,R,Q,S	MA331B	
33122251B0	Carbon steel wire, other coated wire, round	metric tons	C,R,Q,S	MA331B	
33122251C0	Carbon steel wire, other coated wire, other shapes	metric tons	C,R,Q,S	MA331B	
33122251D0	Alloy steel wire, plain or coated	metric tons	C,R,Q,S	MA331B	
33122251E0	Stainless steel wire, round wire, under 0.75 mm in diameter	metric tons	C,R,Q,S	MA331B	
33122251F0	Stainless steel wire, round wire, 0.75 mm to under 1.55 mm in diameter	metric tons	C,R,Q,S	MA331B	
33122251G0	Stainless steel wire, round wire, 1.55 mm and larger in diameter	metric tons	C,R,Q,S	MA331B	
33122251H0	Stainless steel wire, other shapes (including flat)	metric tons	C,R,Q,S	MA331B	
3312227	STEEL FENCING AND FENCE GATES, MADE IN PLANTS THAT DRAW WIRE				
33122271	Steel fencing and fence gates, made in plants that draw wire				
3312227101	Carbon steel chain link fencing, including galvanized and plastics coated	metric tons	C,R,Q,S	MA331B	See Appendix D
3312227102	Steel fencing and fence gates, made in plants that draw wire		SV	MA331B	
3312227110	Carbon steel wire fence, woven and welded, including galvanized and plastics coated	metric tons	C,R,Q,S	MA331B	
3312227112	Carbon steel fence gates, posts, and fittings and ornamental lawn fence	metric tons	C,R,Q,S	MA331B	
3312229	FERROUS WIRE CLOTH AND OTHER FERROUS WOVEN WIRE PRODUCTS, MADE IN PLANTS THAT DRAW WIRE				
33122291	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire				
3312229100	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire		SV	MA331B	See Appendix D
3312229110	Carbon steel woven wire netting	metric tons	C,R,Q,S	MA331B	
3312229112	Carbon steel woven wire products, other (excluding wire netting)	metric tons	C,R,Q,S	MA331B	
331222B	OTHER FERROUS WIRE PRODUCTS (EXCLUDING SPRINGS), MADE IN PLANTS THAT DRAW WIRE				
331222B1	Other ferrous wire products (excluding springs), made in plants that draw wire				
331222B100	Other ferrous wire products (excluding springs), made in plants that draw wire		SV	MA331B	See Appendix D
331222B110	Carbon steel barbed and twisted wire	metric tons	C,R,Q,S	MA331B	
331222B120	Carbon steel bale ties	metric tons	C,R,Q,S	MA331B	
331222B122	Carbon welded steel wire fabrics, including concrete reinforcing mesh	metric tons	C,R,Q,S	MA331B	
331222B124	Carbon steel garment hangers	metric tons	C,R,Q,S	MA331B	
331222B126	Carbon steel wire products, other (including guards, baskets, florists' designs, paperclips, kitchenware, shelving, racks, chain, carts, cages, etc.)	metric tons	C,R,Q,S	MA331B	
331311	ALUMINA REFINING				
3313110	ALUMINUM OXIDE, EXCEPT NATURAL ALUMINA				
33131101	Aluminum oxide, except natural alumina				
3313110100	Aluminum oxide, except natural alumina		SV	MQ325A	
331312	PRIMARY ALUMINUM PRODUCTION				
3313122	ALUMINUM INGOT, INCLUDING BILLET, MADE IN PRIMARY ALUMINUM REDUCTION PLANTS				
33131221	Aluminum ingot, including billet, made in primary aluminum reduction plants				
3313122100	Aluminum ingot, including billet, made in primary aluminum reduction plants	1,000 s tons	P,S		See Appendix D
331314	SECONDARY SMELTING AND ALLOYING OF ALUMINUM				
3313142	ALUMINUM INGOT, INCLUDING BILLET, MADE BY SECONDARY SMELTERS				
33131421	Aluminum ingot, including billet, made by secondary smelters				
3313142100	Aluminum ingot, including billet, made by secondary smelters	1,000 s tons	P,S		See Appendix D

See footnotes at end of subsector.

NAICS Subsector 331 — Primary Metal Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331314	SECONDARY SMELTING AND ALLOYING OF ALUMINUM—Con.				
3313145	ALUMINUM AND ALUMINUM-BASE ALLOY POWDERS, PASTE, AND FLAKES FROM PURCHASED ALUMINUM				
33131451	Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum				
3313145100	Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum	mil lb	P,S		
331315	ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING				
3313151	ALUMINUM PLATE (THICKNESS OF 0.25 IN. OR MORE), INCLUDING CONTINUOUS CAST				
33131511	Aluminum plate (thickness of 0.25 in. or more), including continuous cast				
3313151101	Heat-treatable aluminum plate (thickness of 0.25 in. or more), including continuous cast	1,000 s tons	P,S		
3313151106	Nonheat-treatable aluminum plate (thickness of 0.25 in. or more), including continuous cast	1,000 s tons	P,S		
3313153	ALUMINUM SHEET AND STRIP, INCLUDING CONTINUOUS CAST				
33131531	Flat aluminum sheet and strip, including continuous cast				
3313153101	Flat, heat-treatable aluminum sheet and strip, including continuous cast	1,000 s tons	P,S		
3313153106	Flat, nonheat-treatable, bare and precoated aluminum sheet and strip, including continuous cast	1,000 s tons	P,S		
33131532	Coiled aluminum sheet and strip, including continuous cast				
3313153211	Coiled, heat-treatable aluminum sheet and strip, including continuous cast ..	1,000 s tons	P,S		
3313153216	Coiled, nonheat-treatable, bare aluminum sheet and strip, including continuous cast	1,000 s tons	P,S		
3313153221	Coiled, nonheat-treatable, precoated, including only permanent finishes such as enameling and vinyl coatings aluminum sheet and strip, including continuous cast	1,000 s tons	P,S		
3313155	PLAIN ALUMINUM FOIL (LESS THAN .006 IN. THICK)				
33131551	Plain aluminum foil (less than .006 in. thick)				
3313155100	Plain aluminum foil (less than .006 in. thick)	1,000 s tons	P,S		
3313157	ALUMINUM WELDED TUBE				
33131571	Aluminum welded tube				
3313157100	Aluminum welded tube	1,000 s tons	P,S		
331316	ALUMINUM EXTRUDED PRODUCT MANUFACTURING				
3313161	EXTRUDED ALUMINUM ROD, BAR, AND OTHER EXTRUDED SHAPES				
33131611	Extruded aluminum rod and bar, alloys other than 2000 and 7000 series				
3313161101	Extruded aluminum rod and bar, alloys other than 2000 and 7000 series	1,000 s tons	P,S		
33131612	Extruded aluminum rod and bar, alloys in 2000 and 7000 series				
3313161206	Extruded aluminum rod and bar, alloys in 2000 and 7000 series	1,000 s tons	P,S		
33131613	Other extruded aluminum shapes (except tube), alloys other than 2000 and 7000 series				
3313161311	Other extruded aluminum shapes (except tube), alloys other than 2000 and 7000 series	1,000 s tons	P,S		
33131614	Other extruded aluminum shapes (except tube), alloys in 2000 and 7000 series				
3313161416	Other extruded aluminum shapes (except tube), alloys in 2000 and 7000 series	1,000 s tons	P,S		
3313163	EXTRUDED AND DRAWN ALUMINUM TUBE				
33131631	Extruded and drawn aluminum tube				
3313163101	Extruded and drawn aluminum tube, alloys other than 2000 and 7000 series ..	1,000 s tons	P,S		
3313163106	Extruded and drawn aluminum tube, alloys in 2000 and 7000 series	1,000 s tons	P,S		
331319	OTHER ALUMINUM ROLLING AND DRAWING				
3313192	ALUMINUM AND ALUMINUM-BASE ALLOY WIRE AND CABLE (EXCEPT COVERED OR INSULATED), INCLUDING ACSR, MADE IN ALUMINUM ROLLING MILLS AND PLANTS THAT DRAW WIRE FROM PURCHASED OR RECOVERED ALUMINUM				
33131921	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum				
3313192100	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum		SV		

See footnotes at end of subsector.

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Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331319	OTHER ALUMINUM ROLLING AND DRAWING—Con.				
3313193	ROLLED ALUMINUM ROD AND BAR (INCLUDING CONTINUOUS CAST), MADE IN ALUMINUM ROLLING MILLS AND PLANTS THAT DRAW WIRE FROM PURCHASED OR RECOVERED ALUMINUM				
33131931	Rolled aluminum rod and bar (including continuous cast), made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum				
3313193100	Rolled aluminum rod and bar (including continuous cast), made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	1,000 s tons	P,S		
331319D	ALUMINUM INGOT, INCLUDING BILLET, MADE IN ALUMINUM ROLLING MILLS AND PLANTS THAT DRAW WIRE FROM PURCHASED OR RECOVERED ALUMINUM				
331319D1	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum				
331319D100	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	1,000 s tons	P,S		See Appendix D
331319E	ALUMINUM INSULATED WIRE AND CABLE, MADE IN ALUMINUM ROLLING AND DRAWING PLANTS				
331319E1	Aluminum insulated wire and cable, including apparatus and magnet wire, made in aluminum rolling and drawing plants				
331319E101	Aluminum apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made in aluminum rolling and drawing plants ...		SV		See Appendix D
331319E102	Aluminum magnet wire (except fiber optic), made in aluminum rolling and drawing plants		SV		
331319E103	Aluminum insulated wire and cable for electrical transmission, made in aluminum rolling and drawing plants		SV		
331411	PRIMARY SMELTING AND REFINING OF COPPER				
3314110	PRIMARY SMELTING AND REFINING OF COPPER				
33141101	Refined primary copper and copper-base alloy and primary copper smelter products, not commercial grade, produced for further refining, including blister or anode copper, etc.				
3314110101	Primary copper smelter products, not of commercial grade, produced for further refining, including blister or anode copper, etc.	1,000 s tons	P,S		
3314110113	Other refined primary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.)	1,000 s tons	P,S		See Appendix D
331419	PRIMARY SMELTING AND REFINING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)				
3314193	PRIMARY SMELTING AND REFINING OF ZINC				
33141931	Refined primary unalloyed zinc slab and zinc-base alloy, including unalloyed dust				
3314193101	Refined primary unalloyed zinc, including all ASTM specification zinc		SV		See Appendix D
3314193111	Refined primary zinc-base alloys	1,000 s tons	P,S		See Appendix D
3314197	PRIMARY PRECIOUS METALS AND PRECIOUS METAL ALLOYS				
33141971	Primary gold and gold alloys				
3314197101	Primary gold and gold alloys		SV		See Appendix D
33141972	Primary silver and silver alloys				
3314197206	Primary silver and silver alloys		SV		See Appendix D
33141973	Primary platinum and platinum alloys, including platinum-group metals				
3314197311	Primary platinum and platinum alloys, including platinum-group metals		SV		See Appendix D
331419A	ALL OTHER MISCELLANEOUS PRIMARY NONFERROUS METALS				
331419A1	Primary lead smelter products not of commercial grade, produced for further refining				
331419A101	Primary lead and lead-base alloys		SV		See Appendix D
331419A103	Primary magnesium and magnesium-base alloys		SV		See Appendix D
331419A121	Primary unalloyed silicon		SV		See Appendix D
331419A127	Other primary unrefined nonferrous metals, including metal bearing furnace residues, zinc residues, zinc smelter products (base bullion, matte, speiss, etc.) and other metal products		SV		
331419A131	Other primary refined nonferrous metals and alloys (including nickel, tin, cadmium, antimony, cobalt, molybdenum, titanium sponge, etc.)		SV		See Appendix D
331421	COPPER ROLLING, DRAWING, AND EXTRUDING				
3314211	COPPER WIRE, BARE AND TINNED (NONELECTRICAL), MADE IN ROLLING MILLS				
33142111	Unalloyed copper wire, bare and tinned (nonelectrical), made in rolling mills				
3314211101	Unalloyed copper wire, bare and tinned (nonelectrical), made in rolling mills .	1,000 s tons	P,S		
33142112	Alloyed copper wire, bare and tinned (nonelectrical), made in rolling mills				
3314211206	Alloyed copper wire, bare and tinned (nonelectrical), made in rolling mills	1,000 s tons	P,S		

See footnotes at end of subsector.

NAICS Subsector 331 — Primary Metal Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331421	COPPER ROLLING, DRAWING, AND EXTRUDING—Con.				
3314213	COPPER AND COPPER-BASE ALLOY ROD, BAR, AND SHAPES				
33142131	Unalloyed copper and copper-base alloy rod, bar, and shapes (except electric rod)				
3314213101	Unalloyed copper and copper-base alloy rod, bar, and shapes (except electric rod)	1,000 s tons	P,S		
33142132	Alloyed copper and copper-base alloy rod, bar, and shapes (except electric rod)				
3314213206	Alloyed copper and copper-base alloy rod, bar, and shapes (except electric rod)	1,000 s tons	P,S		
3314217	COPPER AND COPPER-BASE ALLOY SHEET, STRIP, AND PLATE				
33142171	Unalloyed copper and copper-base alloy sheet, strip, and plate				
3314217101	Unalloyed copper and copper-base alloy sheet, strip, and plate	1,000 s tons	P,S		
33142172	Alloyed copper and copper-base alloy sheet, strip, and plate (including military cups and discs)				
3314217206	Alloyed copper and copper-base alloy sheet, strip, and plate (including military cups and discs)	1,000 s tons	P,S		
3314219	COPPER AND COPPER-BASE ALLOY PIPE AND TUBE				
33142193	Other alloyed and unalloyed copper and copper-base pipe and tube				
3314219306	Other unalloyed copper and copper-base alloy pipe and tube	1,000 s tons	P,S		
3314219316	Other alloyed copper and copper-base alloy pipe and tube	1,000 s tons	P,S		
33142194	Copper and copper-base alloy plumbing piping and tube				
3314219401	Copper and copper-base alloy plumbing pipe and tube	1,000 s tons	P,S		
331422	COPPER WIRE (EXCEPT MECHANICAL) DRAWING				
3314222	COPPER AND COPPER-BASE ALLOY WIRE, STRAND, AND CABLE, MADE IN PLANTS THAT DRAW WIRE				
33142221	Bare copper wire for electrical transmission, made in plants that draw wire				
3314222101	Bare unalloyed copper wire for electrical transmission, made in plants that draw wire	1,000 s tons	P,S		
3314222106	Bare alloyed copper wire for electrical transmission, made in plants that draw wire		SV		
33142222	Other copper and copper-base alloy wire, strand, and cable, made in plants that draw wire				
3314222211	Bare copper and copper-base alloy strand and cable for electrical transmission, made in plants that draw wire	1,000 s tons	P,S		
3314222216	Other copper and copper-base alloy wire, strand, and cable (including wire cloth, woven wire products, and electrical wire rod), made in plants that draw wire		SV		
3314224	COPPER WIRE AND CABLE, INCLUDING APPARATUS WIRE, CORD, AND FLEXIBLE CORD SETS, MADE IN PLANTS THAT DRAW WIRE				
33142242	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in plants that draw wire				
3314224213	Insulated copper wire and cable for electrical transmission, made in plants that draw wire		SV		
3314224218	Copper apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made in plants that draw wire		SV		See Appendix D
3314225	COPPER MAGNET WIRE (EXCEPT FIBER OPTIC), MADE IN PLANTS THAT DRAW WIRE				
33142251	Copper magnet wire (except fiber optic), made in plants that draw wire				
3314225100	Copper magnet wire (except fiber optic), made in plants that draw wire		SV	MA335J	
331423	SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER				
3314230	SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER				
33142304	Secondary copper and copper-base alloy powders, paste, and flakes				
3314230406	Secondary copper and copper-base alloy powders, paste, and flakes	mil lb	S		
33142305	Other refined secondary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.)				
3314230501	Other refined secondary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.)	1,000 s tons	P,S		See Appendix D

See footnotes at end of subsector.

NAICS Subsector 331 — Primary Metal Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331491	NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING				
3314912	NICKEL AND NICKEL-BASE ALLOY MILL SHAPES				
33149121	Nickel and nickel-base alloy plate, sheet, strip, and wire				
3314912101	Nickel and nickel-base alloy plate, sheet, and strip, excluding nickel-copper alloys	1,000 s tons	P,S		
3314912106	Other nickel and nickel-base alloy mill shapes, excluding nickel-copper alloys and wire	1,000 s tons	P,S		
3314912111	Nickel-copper alloy mill shapes and forms (except wire)	1,000 s tons	P,S		
3314912118	Nickel and nickel alloy wire, including insulated wire and cable	1,000 s tons	P,S		
3314913	TITANIUM AND TITANIUM-BASE ALLOY MILL SHAPES				
33149131	Titanium and titanium-base alloy mill shapes				
3314913101	Titanium and titanium-base alloy ingot	1,000 s tons	P,S		
3314913106	Forging and extrusion titanium and titanium-alloy ingot (billet)	1,000 s tons	P,S		
3314913111	Other titanium and titanium-base alloy mill shapes (including sheet, plate, tubing, bar, etc.), excluding wire	1,000 s tons	P,S		
331491A	PRECIOUS METAL MILL SHAPES				
331491A1	Other precious metal mill shapes, excluding wire				
331491A101	Gold mill shapes, excluding wire		SV		
331491A106	Silver mill shapes, excluding wire		SV		
331491A111	Other precious metal mill shapes, including platinum-group metals, excluding wire		SV		
331491A118	Precious metal wire, including insulated wire and cable		SV		
331491D	ALL OTHER NONFERROUS METAL MILL SHAPES				
331491D1	Other nonferrous metal rolled, drawn, and extruded shapes, excluding wire				
331491D106	Lead and lead-base alloy plate, sheet, and strip, excluding wire	1,000 s tons	P,S		
331491D111	Other rolled, drawn, and extruded lead and lead-base alloy mill shapes (including pipe, tubing, traps, and bends), excluding wire		SV		
331491D121	Tungsten and tungsten-base alloy mill shapes, excluding wire		SV		
331491D126	Molybdenum and molybdenum-base alloy mill shapes, excluding wire		SV		
331491D141	Other nonferrous metals, rolled, drawn, and extruded shapes, excluding wire		SV		
331491D2	Other nonferrous wire (except copper, aluminum, nickel, and precious metals)				
331491D218	Other nonferrous wire (except copper, aluminum, nickel, and precious metals), including insulated wire and cable		SV		
331491F	APPARATUS WIRE AND CORD AND FLEXIBLE CORD SETS (EXCEPT ALUMINUM, COPPER, WIRING HARNESSSES AND FIBER OPTIC), MADE IN PLANTS THAT DRAW WIRE				
331491F1	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnessses and fiber optic), made in plants that draw wire				
331491F100	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnessses and fiber optic), made in plants that draw wire		SV	MA335J	See Appendix D
331491H	MAGNET WIRE, (EXCEPT ALUMINUM AND COPPER), MADE IN PLANTS THAT DRAW WIRE				
331491H1	Magnet wire, (except aluminum and copper), made in plants that draw wire				
331491H100	Magnet wire, (except aluminum and copper), made in plants that draw wire		SV	MA335J	
331492	SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)				
3314921	OTHER NONFERROUS METAL POWDERS, PASTE, AND FLAKES				
33149211	Secondary nickel-cobalt-base superalloy metal powders, paste, and flakes				
3314921101	Secondary nickel-cobalt-base superalloy metal powders, paste, and flakes	mil lb	S		
33149212	Tungsten and tungsten-base alloy powders, paste, and flakes				
3314921206	Tungsten and tungsten-base alloy powders, paste, and flakes	mil lb	S		
33149215	Other primary nonferrous metal powders, paste, and flakes				
3314921519	Molybdenum, titanium and tantalum powders, paste, and flakes		SV		
3314921526	Secondary precious metal and precious-metal-base alloy powders, paste, and flakes (gold, silver, platinum, etc.)		S		
3314921531	Other nonferrous metal powders, paste, and flakes	1,000 troy ounces	SV		
3314927	SECONDARY SMELTING, REFINING, AND ALLOYING OF ZINC				
33149271	Refined secondary unalloyed zinc, including all ASTM specification zinc				
3314927101	Refined secondary unalloyed zinc, including all ASTM specification zinc		SV		See Appendix D
33149272	Refined secondary zinc-base alloys				
3314927206	Refined secondary zinc-base alloys	1,000 s tons	P,S		See Appendix D

See footnotes at end of subsector.

NAICS Subsector 331 – Primary Metal Manufacturing – Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331492	SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)—Con.				
3314929	SECONDARY PRECIOUS METALS AND PRECIOUS METAL ALLOYS				
33149291	Secondary gold and gold alloys				
3314929101	Secondary gold and gold alloys		SV		See Appendix D
33149292	Secondary silver, silver alloys, platinum, and platinum alloys				
3314929206	Secondary silver and silver alloys		SV		See Appendix D
3314929211	Secondary platinum and platinum alloys, including platinum-group metals ...		SV		See Appendix D
331492B	ALL OTHER MISCELLANEOUS SECONDARY NONFERROUS METALS				
331492B1	Secondary unalloyed lead (pig, ingots, shot, etc.)				
331492B101	Secondary unalloyed lead (pig, ingots, shot, etc.)		SV		See Appendix D
331492B2	Secondary antimonial lead- and tin-base alloys				
331492B208	Secondary lead- and tin-base alloy antimonial lead and babbitt metal		SV		See Appendix D
331492B216	Secondary lead- and tin-base alloy solder		SV		See Appendix D
331492B221	Other secondary lead- and tin-base alloys, including type metal		SV		See Appendix D
331492B3	Other secondary nonferrous additive alloys				
331492B301	Secondary nonferrous superalloys (superior heat and creep resistant alloys) .		SV		See Appendix D
331492B313	Other secondary refined nonferrous metals and alloys (including nickel, tin, cadmium, antimony, cobalt, molybdenum, titanium sponge, etc.)		SV		See Appendix D
331492B4	Other secondary nonferrous products made in electric and other furnaces				
331492B411	Other secondary nonferrous products made in electric and other furnaces ...		SV		
331511	IRON FOUNDRIES				
3315111	DUCTILE IRON PRESSURE PIPE AND FITTINGS				
33151111	Ductile iron pressure pipes and iron-fittings, all sizes				
3315111106	Ductile iron pressure pipe, 14 in. or more (inside diameter)	1,000 s tons	S	MA331A	
3315111107	Ductile iron pressure pipe, 14 in. to 24 in.	short tons	SQ	MA331A	
3315111108	Ductile iron pressure pipe, 30 in. and over	short tons	SQ	MA331A	
3315111111	Ductile iron fittings, less than 14 in. (inside diameter)	1,000 s tons	S	MA331A	
3315111116	Ductile iron fittings, 14 in. or more (inside diameter)	1,000 s tons	S	MA331A	
3315111117	Ductile iron fittings, 14 in. to 24 in.	short tons	SQ	MA331A	
3315111118	Ductile iron fittings, 25 in. and over	short tons	SQ	MA331A	
33151112	Ductile iron pressure pipe, less than 14 in. (inside diameter)				
3315111201	Ductile iron pressure pipe, less than 14 in. (inside diameter)	1,000 s tons	S	MA331A	
33151113	OTHER DUCTILE IRON CASTINGS				
331511131	Other ductile iron castings for automotive uses				
33151113101	Other ductile iron castings for automotive uses	1,000 s tons	S	MA331A	
331511132	Other ductile iron castings for all other uses				
3315113206	Other ductile iron castings for construction and utility uses	1,000 s tons	S	MA331A	
3315113211	Other ductile iron castings for valve uses	1,000 s tons	S	MA331A	
3315113216	Other ductile iron castings for machinery uses	1,000 s tons	S	MA331A	
3315113221	Other ductile iron castings for all other uses, including electric and electronic equipment uses, heat-resistant parts (including coke oven door parts)	1,000 s tons	S	MA331A	
3315115	CAST IRON PRESSURE PIPE AND FITTINGS				
33151151	Cast iron pressure pipe fittings, all sizes				
3315115101	Cast iron pressure pipe, less than 14 in. (inside diameter)		SV	MA331A	
3315115106	Cast iron pressure pipe, 14 in. or more (inside diameter)		SV	MA331A	
3315115111	Cast iron pressure pipe fittings, less than 14 in. (inside diameter)	1,000 s tons	S	MA331A	
3315115116	Cast iron pressure pipe fittings, 14 in. or more (inside diameter)	1,000 s tons	S	MA331A	
3315115121	Gray iron pressure pipe and fittings, under 14 in. (inside diameter)	short tons	SQ	MA331A	
3315115125	Gray iron pressure pipe and fittings, 14 in. and over	short tons	SQ	MA331A	
3315117	CAST IRON SOIL PIPE AND FITTINGS, ALL SIZES				
33151171	Cast iron soil pipe fittings, all sizes				
3315117101	Cast iron soil pipe, 3 in. or less (inside diameter)	1,000 s tons	S	MA331A	
3315117106	Cast iron soil pipe, more than 3 in. up to but not including 5 in. (inside diameter)	1,000 s tons	S	MA331A	
3315117111	Cast iron soil pipe, 5 in. or more (inside diameter)	1,000 s tons	S	MA331A	
3315117114	Gray iron soil pipe	short tons	SQ	MA331A	
3315117116	Cast iron soil pipe fittings (including special fittings), 3 in. or less (inside diameter)	1,000 s tons	S	MA331A	
3315117121	Cast iron soil pipe fittings (including special fittings), more than 3 in. up to but not including 5 in. (inside diameter)	1,000 s tons	S	MA331A	
3315117126	Cast iron soil pipe fittings (including special fittings), 5 in. or more (inside diameter)	1,000 s tons	S	MA331A	
3315119	OTHER GRAY IRON CASTINGS				
33151191	Other gray iron castings for all other uses				
3315119101	Gray iron rolls for rolling mills	1,000 s tons	S	MA331A	
3315119111	Other gray iron castings for construction and utility uses	1,000 s tons	S	MA331A	
3315119116	Other gray iron castings for all other uses	1,000 s tons	S	MA331A	
33151192	Other gray iron castings for automotive uses				
3315119206	Other gray iron castings for automotive uses	1,000 s tons	S		

See footnotes at end of subsector.

NAICS Subsector 331 — Primary Metal Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331511	IRON FOUNDRIES—Con.				
331511A	STANDARD MALLEABLE IRON CASTINGS				
331511A1	Standard malleable iron castings				
331511A100	Standard malleable iron castings	1,000 s tons	S	MA331A	
331511C	PEARLITIC MALLEABLE IRON CASTINGS				
331511C3	Pearlitic malleable iron castings				
331511C300	Pearlitic malleable iron castings	1,000 s tons	S	MA331A	
331511E	MOLDS AND STOOLS FOR HEAVY STEEL INGOTS				
331511E2	Molds and stools for heavy steel ingots				
331511E200	Molds and stools for heavy steel ingots	1,000 s tons	S	MA331A	
331512	STEEL INVESTMENT FOUNDRIES				
3315120	STEEL INVESTMENT CASTINGS				
33151201	Carbon and alloy steel investment castings				
3315120101	Carbon (including low alloy) steel investment castings		SV	MA331A	
3315120106	Alloy (excluding stainless) steel investment castings		SV	MA331A	
33151202	Hi-temp metal investment castings (iron, nickel, or cobalt-base alloys)				
3315120216	Hi-temp metal investment castings (iron, nickel, or cobalt-base alloys)	1,000 lb	S		
33151203	Stainless steel investment castings				
3315120311	Stainless steel investment castings		SV	MA331A	
331513	STEEL FOUNDRIES (EXCEPT INVESTMENT)				
3315131	OTHER CARBON STEEL CASTINGS, EXCEPT INVESTMENT				
33151311	Cast carbon steel railroad car wheels and railway specialties				
3315131101	Cast carbon steel railroad car wheels and railway specialties		SV	MA331A	
3315131102	Steel castings, carbon steel railway specialties (side frames, bolsters, couplers, yokes, draft gear, snubbers (self-contained unit type), hopper doors and frames, and brake beams)	short tons	SQ	MA331A	
33151312	Other carbon steel castings, except investment				
3315131208	Other carbon steel castings, except investment		SV	MA331A	
3315131215	Other carbon steel castings, including rolls for rolling mills	short tons	SQ	MA331A	
3315133	HIGH ALLOY STEEL CASTINGS, EXCEPT INVESTMENT				
33151331	High alloy steel castings, except investment				
3315133101	High manganese alloy steel castings, except investment	1,000 s tons	S	MA331A	
3315133106	Other high alloy steel castings, except investment		SV	MA331A	
3315133113	High alloy steel castings for sale	short tons	SQ	MA331A	
3315135	OTHER ALLOY STEEL CASTINGS, EXCEPT INVESTMENT				
33151351	Other alloy steel castings, except investment				
3315135101	Other alloy steel railway specialties castings, except investment	1,000 s tons	S	MA331A	
3315135106	Other alloy steel rolls for rolling mills, except investment	1,000 s tons	S	MA331A	
3315135111	All other alloy steel castings, except investment	1,000 s tons	S	MA331A	
3315135113	Other alloy steel castings, including rolls for rolling mills	short tons	SQ	MA331A	
331521	ALUMINUM DIE-CASTING FOUNDRIES				
3315210	ALUMINUM DIE-CASTINGS				
33152101	Aluminum and aluminum-base alloy die-castings				
3315210100	Aluminum and aluminum-base alloy die-castings	mil lb	S	MA331E	
331522	NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES				
3315220	NONFERROUS (EXCEPT ALUMINUM) DIE-CASTINGS				
33152201	Copper and copper-base alloy die-castings (including bearings and bushings)				
3315220101	Copper and copper-base alloy die-castings (including bearings and bushings)	mil lb	S	MA331E	
33152202	Zinc and zinc-base alloy die-castings				
3315220206	Zinc and zinc-base alloy die-castings	mil lb	S	MA331E	
33152203	Magnesium and magnesium-base alloy die-castings				
3315220311	Magnesium and magnesium-base alloy die-castings	mil lb	S	MA331E	
33152204	Lead and lead-base alloy die-castings				
3315220416	Lead and lead-base alloy die-castings	mil lb	S	MA331E	
33152205	Other nonferrous metal die-castings, except aluminum				
3315220521	Other nonferrous metal die-castings, except aluminum		SV		

See footnotes at end of subsector.

NAICS Subsector 331 — Primary Metal Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331524	ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)				
3315240	ALUMINUM FOUNDRIES				
33152401	Aluminum and aluminum-base alloy sand castings (except cast aluminum cooking utensils)				
3315240101	Aluminum and aluminum-base alloy sand castings (except cast aluminum cooking utensils)	mil lb	S	MA331E	
33152402	Aluminum and aluminum-base alloy permanent and semipermanent mold castings (except cast aluminum cooking utensils)				
3315240206	Aluminum and aluminum-base alloy permanent and semipermanent mold castings (except cast aluminum cooking utensils)	mil lb	S	MA331E	
33152403	Aluminum and aluminum-base alloy investment castings (except cast aluminum cooking utensils)				
3315240311	Aluminum and aluminum-base alloy investment castings (except cast aluminum cooking utensils)		SV		
33152404	Other aluminum and aluminum-base alloy castings				
3315240416	Nonelectric cast aluminum pressure cookers (household-type) and nonelectric cast aluminum cooking utensils		SV		
3315240421	Other aluminum and aluminum-base alloy castings, excluding die-castings (except cast aluminum cooking utensils)		SV	MA331E	
331525	COPPER FOUNDRIES (EXCEPT DIE-CASTING)				
3315250	COPPER FOUNDRIES				
33152501	Copper-base alloy sand castings (except bearings and bushings)				
3315250101	Copper-base alloy sand castings (except bearings and bushings)		SV		
33152502	Leaded red and semi-red brass sand castings (except bearings and bushings)				
3315250206	Leaded red and semi-red brass sand castings (except bearings and bushings)		SV		
3315250221	Engineered copper alloy sand castings, including manganese bronzes, silicon bronzes and brasses, aluminum bronzes, and copper nickels (except bearings and bushings)		SV		
33152504	Tin bronze, copper and high-copper alloy, and other copper alloy sand castings				
3315250411	Tin bronze sand castings, including leaded and high-leaded (except bearings and bushings)		SV		
3315250416	Copper and high-copper alloy sand castings (except bearings and bushings)		SV		
3315250426	Other copper alloy sand castings, including yellow and leaded yellow brasses, nickel tin bronzes, nickel silvers, lead bronzes, and special alloys (except bearings and bushings)		SV	MA331E	
33152505	Other copper and copper-base alloy castings, excluding die-castings				
3315250531	Copper and copper-base alloy permanent and semipermanent mold castings (except bearings and bushings)		SV	MA331E	
3315250536	Copper and copper-base alloy centrifugal castings (except bearings and bushings)		SV	MA331E	
3315250541	Copper and copper-base alloy investment castings (except bearings and bushings)		SV		
3315250546	Other copper and copper-base alloy castings, excluding die-castings (except bearings and bushings)		SV	MA331E	
33152506	Copper-base alloy bearings and bushings, nonmachined				
3315250651	Copper-base alloy bearings and bushings, nonmachined		SV		
331528	OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)				
3315280	OTHER NONFERROUS FOUNDRIES				
33152801	Nickel and nickel-base alloy castings (excluding die-castings)				
3315280116	Nickel and nickel-base alloy castings (excluding die-castings)		SV		
33152802	Other nonferrous metal castings, excluding die-castings				
3315280201	Zinc and zinc-base alloy castings (excluding die-castings)		SV	MA331E	
3315280206	Magnesium and magnesium-base alloy sand castings (excluding die-castings)		SV		
3315280211	Other magnesium and magnesium-base alloy castings, including permanent and semipermanent mold and cast anodes (excluding die-castings)		SV	MA331E	
3315280221	Other nonferrous metal castings (excluding die-castings)		SV		

¹Data for these codes are collected in the Current Industrial Reports (CIR) series bulletins identified.
²For products that are primary to more than one industry, Appendix D contains a listing of related products.