

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 MILL PRODUCTS				
33111111	COKE OVEN AND BLAST FURNACE PRODUCTS, MADE IN STEEL MILLS				
331111111	Coke oven and blast furnace products, made in steel mills				
3311111101	Coke oven products made in steel mills, coke, except screenings and breeze	short tons	P,S		See Appendix D
3311111103	Coke oven products made in steel mills, screenings and breeze	short tons	P,S		See Appendix D
3311111105	Coke oven products made in steel mills, crude tar	1,000 gal	P,S		See Appendix D
3311111107	Coke oven products made in steel mills, crude light oil	1,000 gal	P,S		See Appendix D
3311111109	Coke oven products made in steel mills, other, including tar derivatives, ammonia, light oil derivatives, and coke oven gas		SV		See Appendix D
3311111111	Blast furnace pig iron, except ferroalloys, including pig iron with silicon content up to and including 6 percent silicon	short tons	P,S		
3311111113	Blast furnace slag, except ferroalloys	short tons	P,S		
3311111115	Blast furnace sinter from ore, flue dust, blast furnace gas and other materials, except ferroalloys		SV		
3311111117	Other blast furnace products, except ferroalloys	short tons	P,S		
3311112	IRON AND STEEL POWDERS, PASTE, AND FLAKES				
33111121	Iron and steel powders, paste, and flakes				
3311112100	Primary iron and steel powders, paste, and flakes	1,000 lb	S		
3311113	STEEL INGOTS AND SEMIFINISHED SHAPES AND FORMS				
33111131	Steel ingots and semifinished shapes and forms				
3311113100	Steel ingots and semifinished shapes and forms		SV		
3311113110	Carbon steel ingots	short tons	C,R,Q,S	MA331B	
3311113120	Alloy steel ingots	short tons	C,R,Q,S	MA331B	
3311113130	Stainless steel ingots	short tons	C,R,Q,S	MA331B	
3311113140	Carbon steel blooms, billets, sheet bars, tin mill bars, tube rounds, and skelp	short tons	C,R,Q,S	MA331B	
3311113150	Carbon steel slabs	short tons	C,R,Q,S	MA331B	
3311113160	Alloy steel blooms, billets, sheet bars, tube rounds, and skelp	short tons	C,R,Q,S	MA331B	
3311113170	Alloy steel slabs	short tons	C,R,Q,S	MA331B	
3311113180	Stainless steel blooms, billets, sheet bars, tube rounds, skelp, and slabs	short tons	C,R,Q,S	MA331B	
3311113190	Carbon steel wire rods	short tons	C,R,Q,S	MA331B	
33111131A0	Alloy steel wire rods	short tons	C,R,Q,S	MA331B	
33111131B0	Stainless steel wire rods	short tons	C,R,Q,S	MA331B	
3311115	HOT ROLLED STEEL SHEET AND STRIP, INCLUDING TIN MILL PRODUCTS, TINPLATE, BLACKPLATE, TERNEPLATE, AND TIN-FREE STEEL				
33111151	Hot rolled steel sheet and strip, including tin mill products, tinplate, blackplate, terneplate, and tin-free steel				
3311115100	Hot rolled steel sheet and strip, including tin mill products, tinplate, blackplate, terneplate, and tin-free steel		SV		
3311115110	Carbon steel sheet, hot rolled, including hot rolled bands	short tons	C,R,Q,S	MA331B	
3311115120	Carbon steel sheet and strip, galvanized, hot dipped	short tons	C,R,Q,S	MA331B	
3311115130	Carbon steel sheet and strip, galvanized, electrolytic	short tons	C,R,Q,S	MA331B	
3311115140	Carbon steel sheet and strip, electrical	short tons	C,R,Q,S	MA331B	
3311115150	Carbon steel sheet and strip, all other metallic coated, including long ternes	short tons	C,R,Q,S	MA331B	
3311115160	Carbon steel strip, hot rolled	short tons	C,R,Q,S	MA331B	
3311115170	Alloy steel sheet, hot rolled	short tons	C,R,Q,S	MA331B	
3311115180	Alloy steel sheet and strip, galvanized, hot dipped	short tons	C,R,Q,S	MA331B	
3311115190	Alloy steel sheet and strip, all other metallic coated, including electrolytic	short tons	C,R,Q,S	MA331B	
33111151A0	Alloy steel strip, hot rolled	short tons	C,R,Q,S	MA331B	
33111151B0	Stainless steel sheet and strip, hot rolled	short tons	C,R,Q,S	MA331B	
33111151C0	Carbon steel tin mill products, blackplate	short tons	C,R,Q,S	MA331B	
33111151D0	Carbon steel tin mill products, electrolytic and hot dipped tinplate	short tons	C,R,Q,S	MA331B	
33111151E0	Carbon steel tin mill products, tin-free steel	short tons	C,R,Q,S	MA331B	
33111151F0	Carbon steel tin mill products, all other tin mill products, including short ternes and foil	short tons	C,R,Q,S	MA331B	
3311117	HOT ROLLED STEEL BARS AND BAR SHAPES, PLATES, STRUCTURAL SHAPES, AND PILING, INCLUDING CONCRETE REINFORCING AND TOOL STEEL BARS				
33111171	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling, including concrete reinforcing and tool steel bars				
3311117100	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling, including concrete reinforcing and tool steel bars		SV		
3311117110	Carbon steel plates, cut lengths	short tons	C,R,Q,S	MA331B	
3311117120	Carbon steel plates, in coils	short tons	C,R,Q,S	MA331B	
3311117130	Carbon steel structural shapes (heavy), wide flange	short tons	C,R,Q,S	MA331B	
3311117140	Carbon steel structural shapes (heavy), standard	short tons	C,R,Q,S	MA331B	
3311117150	Alloy steel plates, cut lengths	short tons	C,R,Q,S	MA331B	
3311117160	Alloy steel plates, in coils	short tons	C,R,Q,S	MA331B	
3311117170	Alloy steel structural shapes (3 in. and under)	short tons	C,R,Q,S	MA331B	
3311117180	Stainless steel plates and structurals	short tons	C,R,Q,S	MA331B	
3311117190	Carbon steel bars, hot rolled, except concrete reinforcing	short tons	C,R,Q,S	MA331B	
33111171A0	Carbon steel bars, light structurals (under 3 in.)	short tons	C,R,Q,S	MA331B	
33111171B0	Carbon steel bars, concrete reinforcing	short tons	C,R,Q,S	MA331B	
33111171C0	Alloy steel bars, hot rolled, including structural shapes under 3 in.	short tons	C,R,Q,S	MA331B	
33111171D0	Stainless steel bars, hot rolled	short tons	C,R,Q,S	MA331B	
33111171E0	Carbon steel sheet piling and bearing piles	short tons	C,R,Q,S	MA331B	
33111171F0	Alloy steel tool steel, high speed	short tons	C,R,Q,S	MA331B	
33111171G0	Alloy steel tool steel, other than high speed	short tons	C,R,Q,S	MA331B	
3311119	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		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
331111	IRON AND STEEL MILL PRODUCTS—Con.				
331111B	STEEL PIPES AND TUBES, MADE IN STEEL MILLS PRODUCING SEMIFINISHED SHAPES OR PLATE				
331111B1	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate				
331111B100	Steel pipe and tubes, made in steel mills producing semifinished shapes or plate.....		SV		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		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		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-temp, ferrous, made in steel mills				
331111H101	Seamless carbon steel and alloy steel rolled ring forgings, excluding stainless and hi-temp, made in steel mills		SV		See Appendix D
331111H2	Seamless stainless and hi-temp (iron, nickel, or cobalt-base alloy) rolled ring forgings, ferrous, made in steel mills				
331111H203	Seamless stainless steel and hi-temp (iron, nickel, or cobalt-base alloy) rolled ring forgings, made in steel mills		SV		See Appendix D
331111J	OPEN DIE OR SMITH FORGINGS (HAMMER OR PRESS), FERROUS, MADE IN STEEL MILLS				
331111J1	Carbon and alloy steel open die or smith forgings (hammer or press), excluding stainless and hi-temp, made in steel mills				
331111J101	Carbon and alloy steel open die or smith forgings (hammer or press), excluding stainless and hi-temp, made in steel mills		SV		See Appendix D
331111J2	Stainless and hi-temp (iron, nickel, or cobalt-base alloy) open die or smith forgings (hammer or press), ferrous, made in steel mills				
331111J203	Stainless steel and hi-temp (iron, nickel, or cobalt-base alloy) open die or smith forgings (hammer or 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		
331111L110	Carbon steel rails, wheels, and rack accessories, rails, standard tee (over 60 lb per yard)	short tons	C,R,Q,S	MA331B	
331111L120	Carbon steel rails, wheels, and rack accessories, rails, all other including light (60 lb per yd and under)	short tons	C,R,Q,S	MA331B	
331111L130	Carbon steel rails, wheels, and rack accessories, joint bars	short tons	C,R,Q,S	MA331B	
331111L140	Carbon steel rails, wheels, and rack accessories, tie plates	short tons	C,R,Q,S	MA331B	
331111L150	Carbon steel rails, wheels, and rack accessories, wheels (rolled and forged)	short tons	C,R,Q,S	MA331B	
331111L160	Carbon steel rails, wheels, and rack accessories, axles (rolled and forged)	short tons	C,R,Q,S	MA331B	
331111L170	Carbon steel rails, wheels, and rack accessories, track spikes	short tons	C,R,Q,S	MA331B	
331112	ELECTROMETALLURGICAL FERROALLOY PRODUCTS				
3311121	FERROCHROMIUM, INCLUDING BRIQUETS, FERROCHROMIUM SILICON, EXOTHERMIC CHROMIUM ADDITIVES, AND OTHER CHROMIUM ALLOYS				
33111211	Ferrochromium, including briquets, ferrochromium silicon, exothermic chromium additives, and other chromium alloys				
3311121100	Ferrochromium, including briquets, ferrochromium silicon, exothermic chromium additives, and other chromium alloys	short tons	P,S		
3311123	FERROSILICON, INCLUDING BRIQUETS, AND OTHER SILICON ALLOYS				
33111231	Ferrosilicon, including briquets, and other silicon alloys				
3311123100	Ferrosilicon, including briquets, and other silicon alloys	short tons	P,S		

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
331112	ELECTROMETALLURGICAL FERROALLOY PRODUCTS— Con.				
3311125	OTHER FERROALLOYS				
33111251	Ferrous superalloys				
3311125101	Ferrous superalloys	short 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	short tons	P,S		
33111253	Other ferrous products made in electric and other furnaces				
3311125305	Other ferrous products made in electric and other furnaces	short tons	P,S		
331210	IRON AND STEEL PIPES AND TUBES				
3312100	STEEL PIPES AND TUBES, MADE IN STEEL MILLS NOT PRODUCING SEMIFINISHED SHAPES OR PLATE				
33121001	Steel pipes and tubes, made in steel mills not producing semifinished shapes or plate				
3312100100	Steel pipe and tubes, made in steel mills not producing semifinished shapes or plate		SV		See Appendix D
3312100110	Carbon steel pipe and tubes, line pipe, 16 in. O.D. and under	short tons	C,R,Q,S	MA331B	
3312100120	Carbon steel pipe and tubes, line pipe, over 16 in O.D.	short tons	C,R,Q,S	MA331B	
3312100130	Carbon steel pipe and tubes, oil country goods	short tons	C,R,Q,S	MA331B	
3312100140	Alloy steel pipe and tubes, oil country goods and line pipe	short tons	C,R,Q,S	MA331B	
3312100150	Carbon steel pipe and tubes, pressure tubing, seamless	short tons	C,R,Q,S	MA331B	
3312100160	Carbon steel pipe and tubes, pressure tubing, welded	short tons	C,R,Q,S	MA331B	
3312100170	Alloy steel pipe and tubes, pressure tubing	short tons	C,R,Q,S	MA331B	
3312100180	Stainless steel pipe and tubes, pressure tubing, seamless	short tons	C,R,Q,S	MA331B	
3312100190	Stainless steel pipe and tubes, pressure tubing, welded	short tons	C,R,Q,S	MA331B	
33121001A0	Carbon steel pipe and tubes, mechanical tubing, seamless	short tons	C,R,Q,S	MA331B	
33121001B0	Carbon steel pipe and tubes, mechanical tubing, welded	short tons	C,R,Q,S	MA331B	
33121001C0	Alloy steel pipe and tubes, mechanical tubing	short tons	C,R,Q,S	MA331B	
33121001D0	Stainless steel pipe and tubes, mechanical tubing, seamless	short tons	C,R,Q,S	MA331B	
33121001E0	Stainless steel pipe and tubes, mechanical tubing, welded	short tons	C,R,Q,S	MA331B	
33121001F0	Carbon steel pipe and tubes, structurals	short tons	C,R,Q,S	MA331B	
33121001G0	Carbon steel pipe and tubes, miscellaneous, including standard pipe	short tons	C,R,Q,S	MA331B	
33121001H0	Alloy steel pipe and tubes, miscellaneous, including standard and structural	short tons	C,R,Q,S	MA331B	
33121001J0	Stainless steel pipe and tubes, other pipe and tubes	short tons	C,R,Q,S	MA331B	
331221	COLD FINISHING OF STEEL SHAPES				
3312211	COLD ROLLED STEEL SHEET AND STRIP, MADE IN STEEL MILLS NOT PRODUCING HOT ROLLED SHEET OR STRIP				
33122111	Cold rolled steel sheet and strip, made in steel mills not producing hot rolled sheet or strip				
3312211100	Cold rolled steel sheet and strip, made in steel mills not producing hot rolled sheet or strip		SV		See Appendix D
3312211110	Carbon steel sheet, cold rolled	short tons	C,R,Q,S	MA331B	
3312211120	Carbon steel strip, cold rolled	short tons	C,R,Q,S	MA331B	
3312211130	Alloy steel sheet, cold rolled	short tons	C,R,Q,S	MA331B	
3312211140	Alloy steel strip, cold rolled	short tons	C,R,Q,S	MA331B	
3312211150	Stainless steel sheet and strip, cold rolled	short tons	C,R,Q,S	MA331B	
3312213	COLD FINISHED STEEL BARS AND BAR SHAPES, MADE IN STEEL MILLS NOT PRODUCING HOT ROLLED BARS AND BAR SHAPES				
33122131	Cold finished steel bars and bar shapes, made in steel mills not producing hot rolled bars and bar shapes				
3312213100	Cold finished steel bars and bar shapes, made in steel mills not producing hot rolled bars and bar shapes		SV		See Appendix D
3312213110	Carbon steel bars, cold finished	short tons	C,R,Q,S	MA331B	
3312213120	Alloy steel bars, cold finished	short tons	C,R,Q,S	MA331B	
3312213130	Stainless steel bars, cold finished	short tons	C,R,Q,S	MA331B	
331222	STEEL WIRE AND RELATED PRODUCTS				
3312221	NONINSULATED FERROUS WIRE ROPE, CABLE, AND STRAND, MADE IN PLANTS THAT DRAW WIRE				
33122211	Noninsulated ferrous wire rope and cable, wire forms, and wire strands, made in plants that draw wire				
3312221110	Noninsulated ferrous wire rope and cable made from steel wire, excluding fabricated wire rope assemblies, made in plants that draw wire		SV		See Appendix D
3312221112	Noninsulated fabricated ferrous wire rope assemblies, including lifting slings, made in plants that draw wire		SV		See Appendix D
33122212	Noninsulated ferrous wire forms and strand, made in plants that draw wire				
3312221214	Noninsulated ferrous wire forms and composite rope and cable, excluding rope assemblies, made in plants that draw wire		SV		See Appendix D
3312221222	Noninsulated ferrous wire strand, including strand for prestressed concrete, composite wire strand, except ACSR, and guard rail cable, made in plants that draw wire		SV		See Appendix D
3312221230	Carbon steel wire products, wire strand for prestressed concrete	short tons	C,R,Q,S	MA331B	See Appendix D
3312221240	Carbon steel wire products, wire strand, other	short 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 AND RELATED PRODUCTS—Con.				
3312223	STEEL NAILS, STAPLES, TACKS, SPIKES, AND BRADS, MADE IN PLANTS THAT DRAW WIRE				
33122231	Steel wire nails, tacks, staples, spikes, and brads, made in plants that draw wire				
3312223101	Round steel wire nails, collated, prepackaged, made in plants that draw wire	short tons	S		See Appendix D
3312223103	Galvanized round steel wire nails, not collated, smooth shank, coated, plated, or painted, made in plants that draw wire	short tons	S		See Appendix D
3312223105	Vinyl, resin, or cement coated round steel wire nails, not collated, smooth shank, coated, plated, or painted, made in plants that draw wire	short tons	S		See Appendix D
3312223107	Other coated, plated, or painted round steel wire nails, not collated, smooth shank, made in plants that draw wire	short tons	S		See Appendix D
3312223109	Round steel wire nails, not coated, plated, or painted, not collated, smooth shank, made in plants that draw wire	short tons	S		See Appendix D
3312223111	Round steel wire nails, coated, plated, or painted, not collated, other than smooth shank, made in plants that draw wire	short tons	S		See Appendix D
3312223113	Round steel wire nails, not coated, plated, or painted, not collated, other than smooth shank, made in plants that draw wire	short tons	S		See Appendix D
3312223120	Carbon steel wire products, nails and staples	short tons	C,R,Q,S	MA331B	See Appendix D
3312223122	Steel cut nails, including horseshoe nails, made in plants that draw wire		SV		See Appendix D
3312223124	Steel wire staples, made in plants that draw wire		SV		See Appendix D
3312223126	Steel tacks (wire and cut), made in plants that draw wire		SV		See Appendix D
3312223128	Steel spikes and brads, including track spikes, made in plants that draw wire		SV		See Appendix D
3312225	STEEL WIRE, INCLUDING GALVANIZED AND OTHER COATED WIRE, MADE IN STEEL MILLS NOT PRODUCING WIRE RODS OR HOT ROLLED BARS, MADE IN PLANTS THAT DRAW WIRE				
33122251	Steel wire, including galvanized and other coated wire made in steel mills not producing wire rods or hot rolled bars, made in plants that draw wire				
3312225100	Steel wire, including galvanized and other coated wire, made in steel mills not producing wire rods or hot rolled bars, made in plants that draw wire		SV		See Appendix D
3312225110	Carbon steel wire, plain, flat wire	short tons	C,R,Q,S	MA331B	
3312225120	Carbon steel wire, plain, round wire, thermally treated, under 1.55 mm in diameter	short tons	C,R,Q,S	MA331B	
3312225130	Carbon steel wire, plain, round wire, thermally treated, 1.55 mm or larger in diameter	short tons	C,R,Q,S	MA331B	
3312225140	Carbon steel wire, plain, round wire, other, under 1.55 mm in diameter	short tons	C,R,Q,S	MA331B	
3312225150	Carbon steel wire, plain, round wire, other, 1.55 mm or larger in diameter	short tons	C,R,Q,S	MA331B	
3312225160	Carbon steel wire, plain, other shape wire, including flat wire	short tons	C,R,Q,S	MA331B	
3312225170	Carbon steel wire, plated or coated with zinc, round wire, under 1.55 mm in diameter	short tons	C,R,Q,S	MA331B	
3312225180	Carbon steel wire, plated or coated with zinc, round wire, 1.55 mm or larger in diameter	short tons	C,R,Q,S	MA331B	
3312225190	Carbon steel wire, plated or coated with zinc, other shape wire, including flat wire	short tons	C,R,Q,S	MA331B	
33122251A0	Carbon steel wire, other coated wire, flat	short tons	C,R,Q,S	MA331B	
33122251B0	Carbon steel wire, other coated wire, round	short tons	C,R,Q,S	MA331B	
33122251C0	Carbon steel wire, other coated wire, other shapes	short tons	C,R,Q,S	MA331B	
33122251D0	Alloy steel wire (plain or coated)	short tons	C,R,Q,S	MA331B	
33122251E0	Stainless steel wire, round wire, under 0.75 mm in diameter	short tons	C,R,Q,S	MA331B	
33122251F0	Stainless steel wire, round wire, 0.75 mm to under 1.55 mm in diameter	short tons	C,R,Q,S	MA331B	
33122251G0	Stainless steel wire, round wire, 1.55 mm and larger in diameter	short tons	C,R,Q,S	MA331B	
33122251H0	Stainless steel wire, other shape wire, including flat wire	short tons	C,R,Q,S	MA331B	
3312227	STEEL FENCING AND FENCE GATES, MADE IN PLANTS THAT DRAW WIRE				
33122271	Steel fencing, excluding posts, gates, and fittings, including galvanized and plastics coated, made in plants that draw wire				
3312227101	Chain link fencing, excluding posts, gates, and fittings, including galvanized and plastics coated, made in plants that draw wire		SV		See Appendix D
3312227110	Woven and welded fencing, excluding posts, gates, and fittings, including galvanized and plastics coated, made in plants that draw wire		SV		See Appendix D
3312227112	Steel fence gates, posts, and fittings and ornamental lawn fence, made in plants that draw wire		SV		See Appendix D
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		See Appendix D
3312229110	Carbon steel wire products, woven wire netting	short tons	C,R,Q,S	MA331B	See Appendix D
331222B	OTHER FABRICATED FERROUS WIRE PRODUCTS (EXCEPT SPRINGS), MADE IN PLANTS THAT DRAW WIRE				
331222B1	Other ferrous wire products (except springs), made in plants that draw wire				
331222B110	Barbed and twisted ferrous wire, made in plants that draw wire		SV		See Appendix D
331222B120	Ferrous wire bale ties, made in plants that draw wire		SV		See Appendix D
331222B122	Welded steel wire fabrics, including concrete reinforcing mesh, made in plants that draw wire		SV		See Appendix D
331222B124	Ferrous wire garment hangers, made in plants that draw wire		SV		See Appendix D
331222B126	Other ferrous wire products, including guards, baskets, florists' designs, paperclips, kitchenware, wire shelving, racks, chain, carts, cages, etc. (except springs), made in plants that draw wire		SV		See Appendix D
331311	ALUMINA				
3313110	ALUMINUM OXIDE, EXCEPT NATURAL ALUMINA				
33131101	Aluminum oxide, except natural alumina				
3313110100	Aluminum oxide, except natural alumina		SV		

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Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
331312	PRIMARY ALUMINUM				
3313121	PRIMARY ALUMINUM INGOT, PRODUCED IN PRIMARY ALUMINUM REDUCTION PLANTS, INCLUDING PIGS, SOWS, AND MOLTEN METAL, EXCLUDING BILLET				
33131211	Primary aluminum ingot, produced in primary aluminum reduction plants, including pigs, sows, and molten metal, excluding billet				
3313121100	Primary refining of aluminum	short tons	P,S		See Appendix D
3313123	PRIMARY ALUMINUM EXTRUSION INGOT (BILLET), PRODUCED IN PRIMARY ALUMINUM REDUCTION PLANTS				
33131231	Primary aluminum extrusion ingot (billet), produced in primary aluminum reduction plants				
3313123100	Primary aluminum extrusion ingot (billet), produced in primary aluminum reduction plants	short tons	P,S		See Appendix D
331314	SECONDARY ALUMINUM				
3313141	ALUMINUM INGOT, INCLUDING PIGS, SOWS, AND MOLTEN METAL, EXCLUDING BILLET, PRODUCED BY SECONDARY SMELTERS				
33131411	Aluminum and aluminum-base alloys powders, paste, and flakes				
3313141100	Aluminum ingot, including pigs, sows, and molten metal, excluding billet, produced by secondary smelters	short tons	P,S		See Appendix D
3313143	ALUMINUM EXTRUSION INGOT (BILLET), PRODUCED BY SECONDARY SMELTERS				
33131431	Aluminum extrusion ingot (billet), produced by secondary smelters				
3313143100	Aluminum extrusion ingot (billet), produced by secondary smelters	short tons	P,S		See Appendix D
3313145	ALUMINUM AND ALUMINUM-BASE ALLOYS POWDERS, PASTE, AND FLAKES				
33131451	Aluminum and aluminum-base alloys, powders, paste, and flakes				
3313145100	Aluminum and aluminum-base alloy, powders, paste, and flakes	1,000 lb	S		
3313145115	Aluminum and aluminum base alloys, powder and paste, atomized	1,000 lb	RQ,SQ	M331D	
3313145119	Aluminum and aluminum base alloys, other flake, powder, and paste	1,000 lb	RQ,SQ	M331D	
331315	ALUMINUM SHEET, PLATE AND FOIL				
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)	short tons	P,S		
3313151106	Nonheat-treatable aluminum plate (thickness of 0.25 in. or more) (including continuous cast)	short 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)	short tons	P,S		
3313153106	Flat, nonheat-treatable, bare and precoated aluminum sheet and strip (including continuous cast)	short tons	P,S		
33131532	Coiled aluminum sheet and strip (including continuous cast)				
3313153211	Coiled, heat-treatable aluminum sheet and strip (including continuous cast) ..	short tons	P,S		
3313153216	Coiled, nonheat-treatable, bare aluminum sheet and strip (including continuous cast)	short 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)	short 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)	short tons	P,S		
331316	ALUMINUM EXTRUDED PRODUCTS				
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	short 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	short 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	short tons	P		
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	short 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
331316	ALUMINUM EXTRUDED PRODUCTS—Con.				
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 .	short tons	P,S		
3313163106	Extruded and drawn aluminum tube, alloys in 2000 and 7000 series	short tons	P,S		
331319	OTHER ALUMINUM ROLLING AND DRAWING, NEC				
3313191	ALUMINUM AND ALUMINUM-BASE ALLOY WIRE AND CABLE (EXCEPT COVERED OR INSULATED), INCLUDING ACSR, PRODUCED IN ALUMINUM ROLLING MILLS				
33131911	Aluminum and aluminum-base alloy wire and cable (except covered or insulated) including ACSR, produced in aluminum rolling mills				
3313191100	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, produced in aluminum rolling mills		SV		See Appendix D
3313193	ROLLED ALUMINUM ROD, BAR, INCLUDING CONTINUOUS CAST				
33131931	Rolled aluminum rod, bar (including continuous cast)				
3313193100	Rolled aluminum rod, bar (including continuous cast)	short tons	P,S		
3313197	ALUMINUM AND ALUMINUM-BASE ALLOY WIRE AND CABLE (EXCEPT COVERED OR INSULATED), INCLUDING ACSR, MADE IN NONFERROUS PLANTS THAT DRAW WIRE				
33131971	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in nonferrous plants that draw wire				
3313197100	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in nonferrous plants that draw wire		SV		See Appendix D
3313199	ALUMINUM INGOT, EXCLUDING BILLET, PRODUCED IN ALUMINUM ROLLING MILLS				
33131991	Aluminum ingot, excluding billet, produced in aluminum rolling mills				
3313199100	Aluminum ingot, excluding billet, produced in aluminum rolling mills		SV		See Appendix D
331319A	ALUMINUM WIRE CLOTH AND WOVEN WIRE PRODUCTS				
331319A1	Aluminum wire cloth and woven wire products				
331319A100	Aluminum wire cloth and woven wire products, made in nonferrous plants that draw wire		SV		See Appendix D
331319C	ALUMINUM EXTRUSION INGOT (BILLET), PRODUCED IN ALUMINUM ROLLING MILLS				
331319C1	Aluminum extrusion ingot (billet), produced in aluminum rolling mills				
331319C100	Aluminum extrusion ingot (billet), produced in aluminum rolling mills	short tons	P,S		See Appendix D
331411	PRIMARY COPPER				
3314110	REFINED PRIMARY COPPER AND COPPER-BASE ALLOY AND PRIMARY COPPER SMELTER PRODUCTS, NOT OF COMMERCIAL GRADE, PRODUCED FOR FURTHER REFINING, INCLUDING BLISTER OR ANODE COPPER, ETC.				
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.	short tons	P,S		See Appendix D
3314110106	Refined primary cathode copper and copper-base alloy	short tons	P,S		See Appendix D
3314110111	Other refined primary copper and copper-base alloy, including wire bar, ingot and ingot bar, cakes, slabs, shot, etc.	short tons	P,S		See Appendix D
331419	PRIMARY NONFERROUS METALS, NEC				
3314191	PRIMARY ZINC RESIDUES AND OTHER ZINC SMELTER PRODUCTS NOT OF COMMERCIAL GRADE, PRODUCED FOR FURTHER REFINING, INCLUDING BASE BULLION, MATTE, SPEISS, ETC.				
33141911	Primary zinc residues and other zinc smelter products not of commercial grade, produced for further refining, including base bullion, matte, speiss, etc.				
3314191100	Primary zinc residues and other zinc smelter products not of commercial grade, produced for further refining, including base bullion, matte, speiss, etc.		SV		
3314193	REFINED PRIMARY ZINC				
33141931	Refined primary unalloyed zinc slab and zinc-base alloy, unalloyed dust				
3314193101	Refined primary unalloyed zinc, including all ASTM specification zinc		SV		See Appendix D
3314193111	Refined primary zinc-base alloys	short 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
331419	PRIMARY NONFERROUS METALS, NEC—Con.				
3314197	PRIMARY PRECIOUS METALS AND PRECIOUS METAL ALLOYS				
33141971	Primary gold and gold alloys				
3314197101	Primary gold and gold alloys	troy ounces	P,S		See Appendix D
33141972	Primary silver and silver alloys				
3314197206	Primary silver and silver alloys	troy ounces	P,S		See Appendix D
33141973	Primary platinum and platinum alloys, including platinum-group metals				
3314197311	Primary platinum and platinum alloys, including platinum-group metals		P,S		See Appendix D
3314199	OTHER PRIMARY NONFERROUS METALS, NEC				
33141991	Primary lead smelter products not of commercial grade, produced for further refining				
3314199101	Primary lead and lead-base alloys		SV		See Appendix D
3314199103	Primary magnesium and magnesium-base alloys	short tons	P,S		See Appendix D
3314199106	Primary nickel, nickel-base alloys, and tin		SV		See Appendix D
3314199121	Primary unalloyed silicon		SV		See Appendix D
3314199126	Other primary unrefined nonferrous metals, including metal bearing furnace residues and other metal products		SV		
3314199131	Other primary refined nonferrous metals and their alloys, including cadmium, antimony, cobalt, molybdenum, titanium sponge, etc.		SV		See Appendix D
331421	ROLLED, DRAWN, OR EXTRUDED COPPER PRODUCTS				
3314211	COPPER WIRE, BARE AND TINNED (NONELECTRICAL)				
33142111	Unalloyed copper wire, bare and tinned (nonelectrical)				
3314211101	Unalloyed copper wire, bare and tinned (nonelectrical), made in rolling mills .	short tons	P,S		See Appendix D
33142112	Alloyed copper wire, bare and tinned (nonelectrical)				
3314211206	Alloyed copper wire, bare and tinned (nonelectrical), made in rolling mills . . .	short tons	P,S		See Appendix D
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)	short 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)	short 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	short 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)	short tons	P		
3314219	COPPER AND COPPER-BASE ALLOY PIPE AND TUBE				
33142191	Unalloyed copper and copper-base alloy plumbing pipe and tube				
3314219101	Unalloyed copper and copper-base alloy plumbing pipe and tube	short tons	P,S		
33142192	Alloyed copper and copper-base alloy plumbing pipe and tube				
3314219211	Alloyed copper and copper-base alloy plumbing pipe and tube	short tons	P,S		
33142193	Other alloyed and unalloyed copper and copper-base pipe and tube				
3314219306	Other unalloyed copper and copper-base alloy pipe and tube	short tons	P,S		
3314219316	Other alloyed copper and copper-base alloy pipe and tube	short tons	P,S		
331422	COPPER WIRE (EXCEPT MECHANICAL)				
3314221	COPPER AND COPPER-BASE ALLOY WIRE, STRAND, AND CABLE FOR ELECTRICAL TRANSMISSION				
33142211	Bare copper wire for electrical transmission				
3314221101	Bare unalloyed copper wire for electrical transmission, made in nonferrous plants that draw wire	short tons	P,S		See Appendix D
3314221106	Bare alloyed copper wire for electrical transmission, made in nonferrous plants that draw wire		SV		See Appendix D
33142212	Other copper and copper-base alloy wire, strand, and cable				
3314221211	Copper and copper-base alloy bare strand and cable for electrical transmission	short tons	P,S		
3314221216	Other copper and copper-base alloy wire, strand, and cable for electrical transmission, including electrical wire rod		SV		
3314223	COPPER WIRE CLOTH AND WOVEN WIRE PRODUCTS				
33142233	Copper wire cloth and woven wire products				
3314223300	Copper wire cloth and woven wire products, made in nonferrous plants that draw wire		SV		See Appendix D

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
331423	SECONDARY COPPER				
3314230	SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER				
33142301	Secondary unalloyed copper cathode, wire bar, ingot, and ingot bar and primary copper and copper-base alloys powders, paste, and flakes				
3314230101	Secondary unalloyed copper cathode, wire bar, ingot, and ingot bar	short tons	P,S		See Appendix D
3314230106	Primary copper and copper-base alloy powders, paste, and flakes	1,000 lb	S		
33142302	Other secondary unalloyed copper, including cakes, slabs, shot, etc.				
3314230206	Other secondary unalloyed copper, including cakes, slabs, shot, etc.	short tons	P,S		See Appendix D
33142303	Secondary copper-base alloys				
3314230311	Secondary copper-base alloys	short tons	P,S		See Appendix D
331491	OTHER ROLLED, DRAWN, EXTRUDED, OR ALLOYED NONFERROUS PRODUCTS				
3314911	NICKEL AND NICKEL-BASE ALLOY MILL SHAPES, INCLUDING NICKEL-COPPER ALLOYS				
33149111	Nickel and nickel-base alloy plate, sheet, strip, and wire				
3314911101	Nickel and nickel-base alloy plate, sheet, and strip (excluding nickel-copper alloys)	short tons	P,S		
3314911106	Other nickel and nickel-base alloy mill shapes (excluding nickel-copper alloys and wire)	short tons	P,S		
3314911111	Nickel-copper alloy mill shapes and forms (except wire)	short tons	P,S		
3314911116	Nickel and nickel alloy wire, made in rolling mills	short tons	P,S		See Appendix D
3314913	OTHER BARE NONFERROUS METAL WIRE MADE IN NONFERROUS PLANTS THAT DRAW WIRE				
33149131	Other bare nonferrous metal wire made in nonferrous plants that draw wire				
3314913101	Titanium and titanium-base alloy ingot	short tons	P,S		
3314913106	Forging and extrusion titanium and titanium-alloy ingot (billet)	short tons	P,S		
3314913111	Other titanium and titanium-base alloy mill shapes, including sheet, plate, tubing, bar, etc. (excluding wire)	short tons	P,S		
3314915	BARE NONFERROUS METAL WIRE (EXCEPT ALUMINUM AND COPPER), MADE IN NONFERROUS PLANTS THAT DRAW WIRE				
33149151	Bare nonferrous metal wire, except aluminum and copper, made in nonferrous plants that draw wire				
3314915100	Bare nonferrous metal wire (except aluminum and copper), made in nonferrous plants that draw wire		SV		See Appendix D
3314917	NONFERROUS WIRE CLOTH AND WOVEN WIRE PRODUCTS				
33149174	Nonferrous wire cloth and woven wire products				
3314917400	Nonferrous wire cloth and woven wire products, made in nonferrous plants that draw wire		SV		See Appendix D
3314919	PRECIOUS METAL MILL SHAPES				
33149191	Other precious metal mill shapes, including platinum group metals, including wire				
3314919101	Gold mill shapes (excluding wire)		SV		
3314919106	Silver mill shapes (excluding wire)		SV		
3314919111	Other precious metal mill shapes, including platinum-group metals (excluding wire)		SV		
3314919116	Precious metal wire, made in rolling mills		SV		See Appendix D
331491C	ALL OTHER NONFERROUS METAL MILL SHAPES				
331491C1	Other nonferrous metal rolled, drawn, and extruded shapes, including zinc (excluding wire)				
331491C101	Magnesium and magnesium-base alloy mill shapes (excluding wire)	short tons	P,S		
331491C106	Lead and lead-base alloy plate, sheet, and strip (excluding wire)	short tons	P,S		
331491C111	Other rolled, drawn, or extruded lead and lead-base alloy mill shapes, including pipe, tubing, traps, and bends (excluding wire)		SV		
331491C121	Tungsten and tungsten-base alloy mill shapes (excluding wire)		SV		
331491C126	Molybdenum and molybdenum-base alloy mill shapes (excluding wire)		SV		
331491C131	Other nonferrous metals, rolled, drawn, and extruded shapes, including zinc (excluding wire)		SV		
331491C2	Other nonferrous wire (except copper, aluminum, nickel, and precious metals)				
331491C216	Other nonferrous wire (except copper, aluminum, nickel, and precious metals), made in rolling mills		SV		See Appendix D

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
331491	OTHER ROLLED, DRAWN, EXTRUDED, OR ALLOYED NONFERROUS PRODUCTS—Con.				
331491E	APPARATUS WIRE AND CORD AND FLEXIBLE CORD SETS (EXCEPT WIRING HARNESSSES), MADE IN PLANTS THAT DRAW WIRE				
331491E1	Apparatus wire and cord and flexible cord sets (except wiring harnesses), made in plants that draw wire				
331491E100	Apparatus wire and cord and flexible cord sets (except wiring harnesses), made in nonferrous plants that draw wire		SV		See Appendix D
331491E110	Flexible cordage, thermostat insulated	1,000 lb	S	MA335J	
331491E120	Flexible cordage, thermoplastic, including thermoplastic elastomers	1,000 lb	S	MA335J	
331491E130	Apparatus wire, appliance fixture wire	1,000 lb	S	MA335J	
331491E140	Apparatus wire appliance wiring material 14 gauge and larger, thermoset insulated	1,000 lb	S	MA335J	
331491E150	Apparatus wire appliance wiring material 14 gauge and larger, thermoplastic insulated	1,000 lb	S	MA335J	
331491E160	Apparatus wire, submersible pump cable	1,000 lb	S	MA335J	
331491E170	Other apparatus wire and cordage	1,000 lb	S	MA335J	
331491E180	Flexible cordage, extension cord sets	1,000 lb	S	MA335J	
331491E190	Flexible cordage, fixed power supply cords	1,000 lb	S	MA335J	
331491E1A0	Flexible cordage, detachable power supply cords	1,000 lb	S	MA335J	
331491E1B0	Flexible cordage, retractable power supply cords	1,000 lb	S	MA335J	
331491G	MAGNET WIRE, MADE IN PLANTS THAT DRAW WIRE				
331491G1	Magnet wire, made in plants that draw wire				
331491G100	Magnet wire, made in plants that draw wire		SV		
331491G110	Magnet wire, made in plants that draw wire, film coated, class 105 and below, 7 AWG and larger round (include all square and rectangle)	1,000 lb	S	MA335J	
331491G120	Magnet wire, made in plants that draw wire, film coated, class 105, 8-21 AWG	1,000 lb	S	MA335J	
331491G130	Magnet wire, made in plants that draw wire, film coated, class 105, 22-32 AWG	1,000 lb	S	MA335J	
331491G140	Magnet wire, made in plants that draw wire, film coated, class 105, 33 AWG and finer	1,000 lb	S	MA335J	
331491G150	Magnet wire, made in plants that draw wire, film coated, class 130-155, 7 AWG and larger round (include all square and rectangle)	1,000 lb	S	MA335J	
331491G160	Magnet wire, made in plants that draw wire, film coated, class 130-155, 8-21 AWG	1,000 lb	S	MA335J	
331491G170	Magnet wire, made in plants that draw wire, film coated, class 130-155, 22-32 AWG	1,000 lb	S	MA335J	
331491G180	Magnet wire, made in plants that draw wire, film coated, class 130-155, 33 AWG and finer	1,000 lb	S	MA335J	
331491G190	Magnet wire, made in plants that draw wire, film coated, class 180 and above, 7 AWG and larger round (include all square and rectangle)	1,000 lb	S	MA335J	
331491G1A0	Magnet wire, made in plants that draw wire, film coated, class 180 and above, 8-21 AWG	1,000 lb	S	MA335J	
331491G1B0	Magnet wire, made in plants that draw wire, film coated, class 105 and above, 22-32 AWG	1,000 lb	S	MA335J	
331491G1C0	Magnet wire, made in plants that draw wire, film coated, class 105 and above, 33 AWG and finer	1,000 lb	S	MA335J	
331491G1D0	Magnet wire, made in plants that draw wire, nonfilm coated, class 130 and below, fibrous	1,000 lb	S	MA335J	
331491G1E0	Magnet wire, made in plants that draw wire, nonfilm coated, class 130 and below, tape	1,000 lb	S	MA335J	
331491G1F0	Magnet wire, made in plants that draw wire, nonfilm coated, class 155 and above, fibrous	1,000 lb	S	MA335J	
331491G1G0	Magnet wire, made in plants that draw wire, nonfilm coated, class 155 and above, tape	1,000 lb	S	MA335J	
331491G1H0	Magnet wire, made in plants that draw wire, miscellaneous nonfilm coated, nec	1,000 lb	S	MA335J	
331491G1J0	Magnet wire, made in plants that draw wire, miscellaneous film coated, nec	1,000 lb	S	MA335J	
331492	OTHER SECONDARY NONFERROUS METALS				
3314921	OTHER NONFERROUS METAL POWDERS, PASTE, AND FLAKES				
33149211	Nickel-cobalt-base superalloy material powders, paste, and flakes				
3314921101	Nickel-cobalt-base superalloy material powders, paste, and flakes	1,000 lb	S		
33149212	Tungsten and tungsten-base alloy powders, paste, and flakes				
3314921206	Tungsten and tungsten-base alloy powders, paste, and flakes	1,000 lb	S		
33149213	Molybdenum powders, paste, and flakes				
3314921311	Molybdenum powders, paste, and flakes	1,000 lb	S		
33149214	Other primary nonferrous metal powders, paste, and flakes				
3314921416	Titanium and tantalum powders, paste, and flakes		SV		
3314921426	Precious metal and precious-metal-base alloy powders, paste, and flakes (gold, silver, platinum, etc.)	troy ounces	S		
3314921431	Other nonferrous metal powders, paste, and flakes	1,000 lb	S		
3314923	SECONDARY LEAD				
33149231	Secondary unalloyed lead (pig, ingots, shot, etc.)				
3314923101	Secondary unalloyed lead (pig, ingots, shot, etc.)	short tons	P,S		See Appendix D
33149232	Secondary antimonial lead- and tin-base alloys				
3314923206	Secondary lead- and tin-base alloy antimonial lead	short tons	P,S		See Appendix D
3314923211	Secondary lead- and tin-base alloy babbitt metal	short tons	P,S		See Appendix D
3314923216	Secondary lead- and tin-base alloy solder	short tons	P,S		See Appendix D
3314923221	Other secondary lead- and tin-base alloys, including type metal	short tons	P,S		See Appendix D

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
331492	OTHER SECONDARY NONFERROUS METALS—Con.				
3314927	SECONDARY ZINC				
33149271	Secondary zinc, including all ASTM specification zinc				
3314927101	Secondary zinc, including all ASTM specification zinc		SV		See Appendix D
33149272	Secondary zinc-base alloys				
3314927206	Secondary zinc-base alloys	short tons	P,S		See Appendix D
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
331492A	OTHER NONFERROUS ADDITIVE ALLOYS				
331492A1	Nonferrous superalloys				
331492A101	Nonferrous superalloys		SV		See Appendix D
331492A106	Secondary nickel and nickel-base alloys		SV		See Appendix D
331492A111	Secondary unalloyed tin		SV		See Appendix D
331492A116	Other secondary nonferrous metals and their alloys, including cadmium, antimony, cobalt, titanium sponge, etc.		SV		See Appendix D
331492A2	Other nonferrous additive alloys (including nonferrous spiegeleisen)				
331492A206	Other nonferrous additive alloys (including nonferrous spiegeleisen)	short tons	P,S		
331492A3	Other nonferrous products made in electric and other furnaces				
331492A311	Other nonferrous products made in electric and other furnaces	short tons	P,S		
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)	short tons	S		
3315111111	Ductile iron fittings, less than 14 in. (inside diameter)	short tons	S		
3315111116	Ductile iron fittings, 14 in. or more (inside diameter)	short tons	S		
33151112	Ductile iron pressure pipes and fittings, less than 14 in.				
3315111201	Ductile iron pressure pipe, less than 14 in. (inside diameter)	short tons	S		
3315113	OTHER DUCTILE IRON CASTINGS				
33151131	Other ductile iron castings for automotive uses				
3315113101	Other ductile iron castings for automotive uses	short tons	S		
33151132	Other ductile iron castings for all other uses				
3315113206	Other ductile iron castings for construction and utility uses	short tons	S		
3315113211	Other ductile iron castings for valve uses	short tons	S		
3315113216	Other ductile iron castings for machinery uses	short tons	S		
3315113221	Other ductile iron castings for all other uses, including electric and electronic equipment uses, heat-resistant parts, (including coke oven door parts)	short tons	S		
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		
3315115106	Cast iron pressure pipe, 14 in. or more (inside diameter)		SV		
3315115111	Cast iron pressure pipe fittings, less than 14 in. (inside diameter)	short tons	S		
3315115116	Cast iron pressure pipe fittings, 14 in. or more (inside diameter)	short tons	S		
3315117	CAST IRON SOIL PIPE AND FITTINGS				
33151171	Cast iron soil pipe fittings, all sizes				
3315117101	Cast iron soil pipe, 3 in. or less (inside diameter)	short tons	S		
3315117106	Cast iron soil pipe, more than 3 in. up to but not including 5 in. (inside diameter)	short tons	S		
3315117111	Cast iron soil pipe, 5 in. or more (inside diameter)	short tons	S		
3315117116	Cast iron soil pipe fittings (including special fittings), 3 in. or less (inside diameter)	short tons	S		
3315117121	Cast iron soil pipe fittings (including special fittings), more than 3 in. up to but not including 5 in. (inside diameter)	short tons	S		
3315117126	Cast iron soil pipe fittings (including special fittings), 5 in. or more (inside diameter)	short tons	S		
3315119	OTHER GRAY IRON CASTINGS				
33151191	Other gray iron castings for all other uses				
3315119101	Gray iron rolls for rolling mills	short tons	S		
3315119111	Other gray iron castings for construction and utility uses	short tons	S		
3315119116	Other gray iron castings for all other uses	short tons	S		
33151192	Other gray iron castings for automotive uses				
3315119206	Other gray iron castings for automotive uses	short tons	S		
331511A	STANDARD MALLEABLE IRON CASTINGS				
331511A1	Standard malleable iron castings				
331511A100	Standard malleable iron castings	short 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.				
331511C	PEARLITIC MALLEABLE IRON CASTINGS				
331511C3	Pearlitic malleable iron castings				
331511C300	Pearlitic malleable iron castings	short tons	S		
331511E	MOLDS AND STOOLS FOR HEAVY STEEL INGOTS				
331511E2	Molds and stools for heavy steel ingots				
331511E200	Molds and stools for heavy steel ingots	short tons	S		
331512	STEEL INVESTMENT FOUNDRIES				
3315120	STEEL INVESTMENT CASTINGS				
33151201	Carbon and alloy steel investment castings				
3315120101	Carbon (including low alloy) steel investment castings		SV		
3315120106	Alloy (excluding stainless) steel investment castings		SV		
33151202	Hi-temp metal investment castings				
3315120216	Hi-temp metal investment castings (iron, nickel, or cobalt-base alloys)	pounds	S		
33151203	Stainless steel investment castings				
3315120311	Stainless steel investment castings		SV		
331513	STEEL FOUNDRIES, NEC				
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		
33151312	All other carbon steel castings, except investment				
3315131206	Carbon steel rolls for rolling mills		SV		
3315131211	Other carbon steel castings, except investment		SV		
3315133	HIGH ALLOY STEEL CASTINGS, EXCEPT INVESTMENT				
33151331	High alloy steel castings, except investment				
3315133101	High manganese alloy steel castings, except investment	short tons	S		
3315133106	Other high alloy steel castings, except investment		SV		
3315135	OTHER ALLOY STEEL CASTINGS, EXCEPT INVESTMENT				
33151351	Other alloy steel castings, except investment				
3315135101	Other alloy steel railway specialties castings, except investment	short tons	S		
3315135106	Other alloy steel rolls for rolling mills, except investment	short tons	S		
3315135111	All other alloy steel castings, except investment	short tons	S		
331521	ALUMINUM DIE-CASTINGS				
3315210	ALUMINUM AND ALUMINUM-BASE ALLOY DIE-CASTINGS				
33152100	Aluminum and aluminum-base alloy die-castings				
3315210000	Aluminum and aluminum-base alloy die-castings	1,000 lb	S		
331522	NONFERROUS DIE-CASTINGS, EXCEPT ALUMINUM				
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)	1,000 lb	S		
33152202	Zinc and zinc-base alloy die-castings				
3315220206	Zinc and zinc-base alloy die-castings	1,000 lb	S		
33152203	Magnesium and magnesium-base alloy die-castings				
3315220311	Magnesium and magnesium-base alloy die-castings	1,000 lb	S		
33152204	Lead and lead-base alloy die-castings				
3315220416	Lead and lead-base alloy die-castings	1,000 lb	S		
33152205	Other nonferrous metal die-castings, except aluminum				
3315220521	Other nonferrous metal die-castings, except aluminum	1,000 lb	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
331524	ALUMINUM FOUNDRIES				
3315240	ALUMINUM AND ALUMINUM-BASE ALLOY CASTINGS, EXCLUDING DIE-CASTINGS				
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)	1,000 lb	S		
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)	1,000 lb	S		
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		
331525	COPPER FOUNDRIES				
3315250	COPPER AND COPPER-BASE ALLOY CASTINGS, EXCLUDING DIE-CASTINGS				
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		
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		
3315250536	Copper and copper-base alloy centrifugal castings (except bearings and bushings)		SV		
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		
33152506	Copper-base alloy bearings and bushings, nonmachined				
3315250651	Copper-base alloy bearings and bushings, nonmachined		SV		
331528	NONFERROUS FOUNDRIES, NEC				
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		
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		
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.