

Steel Mill Products: 2006

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SUMMARY OF FINDINGS

In 2006, steel mill product manufacturers had shipments of \$94.2 billion, which increased 13.9 percent from \$82.7 billion in 2005. Steel ingot and semifinished shapes shipments

increased 24.2 percent, from \$6.9 billion in 2005 to \$8.5 billion in 2006. Hot-rolled sheet and strip, including tin mill products shipments increased 10.6 percent, from \$26.8 billion in 2005 to \$29.6 billion in 2006. Hot-rolled bars and shapes, plates, structural shapes, and piling shipments increased 18.1 percent to \$20.8 billion in 2006, from \$17.6 billion in 2005. Steel pipe and tube increased 6.1 percent, from \$11.3 billion in 2005 to \$12.0 billion in shipments in 2006. Cold-rolled steel sheet and strip shipments increased to \$15.3 billion in 2006, from \$13.4 billion in 2005, a 13.9-percent increase. Cold-finished steel bars and bar shapes shipments decreased 4.3 percent to \$2.2 billion in 2006, from \$2.3 billion in 2005. Steel wire shipments decreased 2.2 percent, from \$2.3 billion in 2005 to \$2.2 billion in 2006. All other steel mill product shipments remained unchanged at \$2.2 billion in 2006.

For general CIR information, explanation of general terms and historical note, see the appendix.

Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Madelyn Nieves, 301-763-4767.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-763-4673.

U S C E N S U S B U R E A U

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Table 1. Value of Shipments of Steel Mill Products by Class of Products: 2006 and 2005
 [Value in thousands of dollars]

Product class code	Product description	2006	2005
	Total.....	94,197,970	r/ 82,711,805
3311113	Steel ingot and semifinished shapes.....	8,522,836	r/ 6,862,356
3311115	Hot-rolled sheet and strip, including tin mill products.....	29,613,563	r/ 26,784,198
3311117	Hot-rolled bars and shapes, plates, structural shapes, and piling.....	20,784,629	17,598,259
331111L	Other steel mill products (except wire products).....	910,894	r/ 798,901
3312100	Steel pipe and tube.....	11,985,806	11,297,090
3312211	Cold-rolled steel sheet and strip.....	15,302,383	13,429,775
3312213	Cold-finished steel bars and bar shapes.....	2,182,996	r/ 2,281,647
3312221	Noninsulated ferrous wire rope, cable, and strand.....	628,882	r/ 627,457
3312223	Steel nails, staples, tacks, spikes, and brads.....	118,842	189,294
3312225	Steel wire, including galvanized wire and other coated wire.....	2,225,002	2,275,413
3312227	Steel fencing and fence gates.....	182,433	r/ 194,037
3312229	Ferrous wire cloth and other ferrous woven wire products.....	36,745	r/ 42,952
331222B	Other fabricated ferrous wire products (except springs).....	348,872	r/ 330,426
331111D	Cold-rolled steel sheet and strip, made in steel mills producing hot-rolled sheet or strip.....	(D)	(NA)
331111F	Cold-finished steel bars and bar shapes, made in steel mills producing hot-rolled bars and bar shapes.....	-	(NA)
331111B	Steel pipes and tubes, made in steel mills producing semi-finished shapes or plate.....	(D)	(NA)
3311119	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot-rolled bars.....	(D)	(NA)

D Withheld to avoid disclosing data for individual companies. NA Not available. r/Revised by 5 percent or more from previously published data.

Table 2. Production of Raw Steel: 2006 and 2005
 [Thousands of metric tons]

Product description	2006	2005
Total.....	87,045	82,584
By grade of steel:		
Carbon.....	77,143	72,935
Alloy.....	8,296	7,856
Stainless.....	1,606	a/r/ 1,793
By type of furnace:		
Electric.....	45,053	41,914
Basic oxygen, open hearth, and other types of furnaces.....	41,993	40,670

r/Revised by 5 percent or more from previously published data.

Note: Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item is estimated.
 b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 3. Shipments of Steel Mill Products: 2006 and 2005
 [Quantity in metric tons. Value in thousands of dollars]

Product code 1/	Product description	No. of cos.	Total shipments 2006			Total shipments 2005		
			Quantity	Value f.o.b. plant 2/		Quantity	Value f.o.b. plant 2/	
	Steel.....	(NA)	113,355,780	94,197,970		104,505,979	r/	82,711,805
	Carbon steel.....	(NA)	102,552,550	74,673,311		94,648,429	r/	66,454,796
3311113110	Ingots.....	4	(D)	(D)		(D)		(D)
	Semifinished products:							
3311113140	Blooms, billets, sheet bars, tin mill bars, tube rounds, and skelp.....	21	a/ 3,244,560	a/ 1,601,259		2,899,065		1,380,401
3311113190	Wire rods.....	18	a/ 3,024,065	a/ 1,842,283	a/r/	3,040,848	r/	1,855,106
3311113150	Slabs.....	7	3,713,580	1,725,316	r/	3,067,099	r/	1,387,514
	Finished products:							
3311117110	Plates, cut lengths.....	12	3,465,519	2,958,386	r/	2,943,536		2,490,885
3311117120	Plates, in coils.....	6	(D)	(D)		(D)		(D)
	Sheet:							
3311115110	Hot rolled, including hot-rolled bands.....	26	19,318,991	11,917,901	r/	17,461,247	r/	10,257,980
3312211110	Cold rolled.....	19	10,531,267	6,990,080		10,332,081	r/	6,743,009
331111D110	Cold rolled from hot sheet and strip producing mills.....	2	(D)	(D)		(NA)		(NA)
	Sheet and strip:							
	Galvanized:							
3311115120	Hot dipped.....	19	12,072,976	9,299,212	r/	10,635,743	r/	7,900,540
3311115130	Electrolytic.....	6	1,945,410	1,574,529		2,449,816		1,824,721
3311115140	Electrical.....	2	(D)	(D)		(D)		(D)
3311115150	All other metallic coated, including long ternes.....	6	761,847	700,486		741,601		761,529
	Strip:							
3311115160	Hot rolled.....	9	4,005,308	2,321,238		3,648,819		2,195,648
331111D120	Cold rolled from hot sheet and strip producing mill.....	-	-	-		(NA)		(NA)
3312211120	Cold rolled.....	21	2,645,597	2,161,951		2,170,978		1,886,928
	Tin mill products:							
33111151C0	Blackplate.....	5	123,371	100,575		147,514		114,703
33111151D0	Electrolytic and hot dipped tin plate.....	5	1,824,189	1,486,520		1,832,719		1,500,356
33111151E0	Tin free steel.....	4	350,633	278,228		313,109		253,090
33111151F0	All other tin mill products, including short ternes and foil.....	2	(D)	(D)		(D)		(D)
	Structural shapes (heavy):							
3311117130	Wide flange.....	6	3,444,724	2,430,261	r/	3,155,606	r/	1,915,335
3311117140	Standard.....	10	1,853,196	1,317,718		1,608,915		1,039,001
33111171E0	Sheet piling and bearing piles.....	4	(D)	(D)		(D)		(D)
	Bars:							
3311117190	Hot rolled (except concrete reinforcing).....	20	5,945,229	4,162,821		5,583,169	r/	3,687,951
33111171A0	Light structurals (under 3 inches).....	10	1,177,904	797,273		1,107,473	r/	667,504
33111171B0	Concrete reinforcing bars.....	14	6,969,893	4,063,501		6,761,069	r/	3,552,485
331111F110	Cold-finished bars made in hot bar and bar shape producing mills.....	-	-	-		(NA)		(NA)
3312213110	Cold-finished bars.....	24	b/ 1,396,281	a/ 1,322,856	b/r/	1,470,254	a/r/	1,440,046
331111L100	Finished rails, wheels, and track accessories.....	10	951,925	910,894		833,660	r/	798,901
	Pipe and tubes:							
331111B100	Hot-rolled pipes and tubes.....	4	(D)	(D)		(NA)		(NA)
	Cold rolled:							
	Line pipe:							
3312100110	16 inches outside diameter and under.....	14	a/ 882,846	a/ 994,790		779,123		852,084
3312100120	Over 16 inches outside diameter.....	4	b/ 312,966	323,647		(D)		(D)
3312100130	Oil country goods.....	11	c/ 1,276,393	b/ 1,566,931	a/r/	1,338,520	r/	1,522,979
	Pressure tubing							
3312100150	Seamless.....	5	55,434	107,691	r/	49,704	r/	86,299
3312100160	Welded.....	11	217,518	333,493	r/	218,330	r/	331,053
	Mechanical tubing							
33121001A0	Seamless.....	7	86,862	153,204		96,677	r/	147,980
33121001B0	Welded.....	47	2,029,352	2,506,792	r/	2,002,389		2,510,003
33121001F0	Structurals.....	17	1,292,837	1,395,497	r/	1,160,780	a/r/	1,191,591
33121001G0	Miscellaneous, including standard pipe.....	23	1,097,811	1,220,673		1,170,000		1,268,173
	Wire:							
3311119110	Wire from hot-rolled bars or rods producing mills.....	1	(D)	(D)		(NA)		(NA)
	Wire from purchased bars or rods:							
	Plain wire:							
3312225110	Flat wire.....	6	b/ 8,700	b/ 11,560		7,454		10,148
	Round wire:							
	Thermally treated							
3312225120	Under 1.5 mm in diameter.....	8	a/ 15,620	31,508	b/r/	16,653	b/r/	34,437
3312225130	1.5 mm or above in diameter.....	16	b/ 177,153	b/ 186,004	a/	184,737		184,553
	Other round wire							
3312225140	Under 1.5 mm in diameter.....	8	76,285	133,189	r/	102,371		160,800
3312225150	1.5 mm or above in diameter.....	24	b/ 1,389,895	b/ 1,011,247	b/	1,408,805	a/t/	1,057,412
3312225160	Other shape wire.....	8	b/ 34,742	a/ 58,938		36,648		59,598
	Plated or coated with zinc:							
	Round wire:							
3312225170	Under 1.5 mm in diameter.....	11	b/ 18,642	a/ 21,797	b/r/	20,654	b/	24,390
3312225180	1.5 mm or above in diameter.....	16	b/ 216,550	a/ 210,036	b/r/	194,772	a/	192,955
3312225190	Other shape wire, including flat.....	5	68,248	72,895		73,540		75,228
	Other coated wire:							
33122251A0	Flat wire.....	1	(D)	(D)		(D)		(D)
33122251B0	Round wire.....	10	105,520	121,981	a/r/	107,816	a/r/	130,557
33122251C0	Other shape wire.....	4	(D)	(D)	r/	42,413	r/	36,843

Table 3. Shipments of Steel Mill Products: 2006 and 2005
 [Quantity in metric tons. Value in thousands of dollars]

Product code 1/	Product description	No. of cos.	Total shipments 2006			Total shipments 2005			
			Quantity	Value f.o.b. plant 2/		Quantity	Value f.o.b. plant 2/		
Wire products:									
3312221101	Rope and cable.....	11	a/	124,637	267,960	a/	128,645	268,823	
3312221201	Wire forms and strand.....	5	a/	357,100	360,922	a/r/	340,372	358,634	
3312223100	Nails, staples, tacks, spikes and brads.....	11	b/	70,844	118,842	b/	98,009	189,294	
3312227100	Fencing and fence gates.....	9		183,978	182,433	a/r/	191,410	194,037	
Woven wire products:									
3312229110	Netting.....	5	c/	25,929	36,745		30,661	42,952	
3312229112	Other.....	-		-	-		-	-	
331222B100	All other wire products.....	10		380,238	348,872	r/	352,354	330,426	
3311113120	Alloy steel.....	(NA)		8,040,621	10,455,093		7,455,229	9,122,272	
3311113120	Ingots.....	10		365,045	475,360		328,693	412,966	
Semifinished products:									
3311113160	Blooms, billets, sheet bars, rounds, and skelp.....	10		882,866	953,424	r/	827,752	855,732	
33111131A0	Wire rods.....	1	(D)	(D)	(D)	(D)	(D)	(D)	
3311113170	Slabs.....	3	(D)	(D)	(D)	(D)	(D)	(D)	
Finished products:									
3311117150	Plates, cut lengths.....	5	(D)	(D)	(D)	(D)	(D)	(D)	
3311117160	Plates, in coils.....	2	(D)	(D)	(D)	(D)	(D)	(D)	
3311117170	Structural shapes (3 inches and under).....	4	(D)	(D)	(D)	55,788	48,266		
Sheet:									
3311115170	Hot rolled.....	4		899,516	579,612	(D)	(D)		
331111D130	Cold rolled from hot sheet and strip producing mills.....	-		-	-	(NA)	(NA)		
3312211130	Cold rolled.....	4	(D)	(D)	(D)	(D)	(D)		
Sheet and strip:									
Galvanized:									
3311115180	Hot dipped.....	3	(D)	(D)	(D)	(D)	(D)		
3311115190	All other metallic coated, including eletrolytic.....	3	(D)	(D)	(D)	(D)	(D)		
Strip:									
33111151A0	Hot rolled.....	-		-	-	-	-		
331111D140	Cold rolled from hot sheet and strip producing mills.....	-		-	-	(NA)	(NA)		
3312211140	Cold rolled.....	11	(D)	(D)	(D)	(D)	(D)		
Bars:									
33111171C0	Hot rolled, including structural shapes under 3 inches.....	12		2,060,155	1,945,473	2,123,905	1,946,047		
331111F120	Cold-finished bars made in hot bar and bar shapes producing mills.....	-		-	-	(NA)	(NA)		
3312213120	Cold finished.....	16		300,063	543,267	319,460	516,814		
Tool steel:									
33111171F0	High speed.....	9	a/	13,743	111,566	15,149	143,654		
33111171G0	Other than high speed.....	7		21,580	170,324	24,278	176,074		
Pipe and tubes:									
331111B140	Hot-rolled pipes and tubes.....	-		-	-	(NA)	(NA)		
Cold-rolled pipes and tubes:									
3312100140	Oil country goods and line pipe.....	6	b/	880,589	1,712,861	797,682	1,418,771		
3312100170	Pressure tubing.....	2	(D)	(D)	(D)	(D)	(D)		
33121001C0	Mechanical tubing.....	5		271,293	537,636	287,265	510,345		
33121001H0	Miscellaneous, including standard and structural.....	2	(D)	(D)	(D)	(D)	(D)		
Wire:									
33111191D0	From hot-rolled bars or rods producing mills.....	-		-	-	(NA)	(NA)		
33122251D0	Wire (plain and coated).....	9		23,629	99,606	24,455	97,424		
3311113130	Stainless steel.....	(NA)		2,762,610	9,069,566	2,402,321	7,134,737		
3311113130	Ingots.....	6		80,432	120,830	71,052	120,790		
Semifinished products:									
3311113180	Blooms, billets, slabs, sheet bars, tube rounds and skelp.....	8		803,129	1,689,174	(D)	(D)		
33111131B0	Wire rods.....	4	(D)	(D)	(D)	(D)	(D)		
Finished products:									
3311117180	Plates and structurals.....	7	(D)	(D)	(D)	(D)	(D)		
Sheet and strip:									
33111151B0	Hot rolled.....	6	(D)	(D)	273,653	r/	150,567	r/	680,202
331111D150	Cold rolled from hot sheet and strip producing mills.....	-		-	-	(NA)	(NA)		
3312211150	Cold rolled.....	15	(D)	(D)	(D)	(D)	(D)		
Bars:									
33111171D0	Hot rolled.....	9	c/	51,093	202,637	c/r/	42,017	r/	167,564
331111F130	Cold-finished bars made in hot bar and bar shapes producing mills.....	-		-	-	(NA)	(NA)		
3312213130	Cold finished.....	7		57,860	316,873	r/	59,990	324,787	
Pipe and tubes:									
331111B180	From hot-rolled bars or rods producing mills.....	-		-	-	(NA)	(NA)		
Cold B41 rolled:									
Pressure tubing									
3312100180	Seamless.....	5		4,524	73,121	3,467	57,998		
3312100190	Welded.....	11	b/	41,269	281,039	r/	53,504	r/	365,309
Mechanical tubing									
33121001D0	Seamless.....	3	(D)	(D)	(D)	(D)	(D)		
33121001E0	Welded.....	9		68,104	394,031	68,067	363,561		
33121001J0	Other pipe and tubes.....	8		89,643	256,434	91,455	250,629		
Wire:									
33111191E0	From hot-rolled bars or rods producing mills.....	-		-	-	(NA)	(NA)		

Table 3. Shipments of Steel Mill Products: 2006 and 2005
 [Quantity in metric tons. Value in thousands of dollars]

Product code 1/	Product description	No. of cos.	Total shipments 2006			Total shipments 2005		
			Quantity	Value f.o.b. plant 2/		Quantity	Value f.o.b. plant 2/	
	Cold-finished round wire:							
33122251E0	Under 0.75 mm in diameter.....	9	12,438	94,186	b/	10,830	b/	77,623
33122251F0	0.75 mm to under 1.5 mm in diameter.....	8	2,302	24,516		2,520	b/	21,754
33122251G0	1.5 mm and above in diameter.....	14	b/ 17,427	a/ 85,372	b/r/	18,677	r/	90,626
33122251H0	Other shape wire, including flat wire.....	10	a/ 2,133	a/ 24,831		1,984	a/	20,647

- Represents zero. D Withheld to avoid disclosing data for individual companies. NA Not available. r/Revised by 5 percent or more from previously published data.

1/Product codes in product class 3312225 also include products in the 3311119 product class; same applies for product classes 3312211 and 331111D; 3312213 and 331111F; and 3312100 and 331111B.

2/The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and returns.

Note: Import receipts of steel mill products for 2006 are as follows: total, 6,242,760 metric tons; carbon, 5,749,781 metric tons; alloy, 406,084 metric tons; stainless, 87,053 metric tons. Import receipts of steel mill products for 2005 are as follows: total, 6,084,312 metric tons; carbon, 5,510,972 metric tons; alloy, 516,777 metric tons; stainless, 56,563 metric tons.

Quantity data converted to metric tons; therefore, detail may not add to total because of rounding. Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 4. Minimill Shipments of Selected Steel Mill Products: 2006 and 2005
[Quantity in metric tons]

Product code 1/	Product description	No. of cos.	2006			2005			
			Industry	Minimills	Percent of minimills	Industry	Minimills	Percent of minimills	
3311113110	Carbon steel total 2/.....	(NA)	64,068,066	(D)	(D)	(NA)	r/ 59,587,342	r/ 16,142,182	27.1
	Ingots.....	1	(D)	(D)	(D)	1	(D)	(D)	(D)
	Semifinished products:								
3311113140, 150	Blooms, billets, slabs, sheet bars, tin mill bars, tube rounds, and skelp.....	8 a/	6,958,140	893,045	12.8	9 r/	5,966,164	787,073	13.2
3311113190	Wire rods.....	3 a/	3,024,065	938,626	31.0	3 a/r/	3,040,848	1,080,504	35.5
	Finished products:								
3311117110, 120	Plates, all lengths.....	4	4,080,572	(D)	(D)	4 r/	3,490,339	(D)	(D)
3311115160	Hot-rolled strip.....	1	4,005,308	(D)	(D)	1	3,648,819	(D)	(D)
	Structural shapes (heavy):								
3311117130	Wide flange.....	2	3,444,724	(D)	(D)	2 r/	3,155,606	(D)	(D)
3311117140	Standard heavy shapes.....	5	1,853,196	1,691,182	91.3	5	1,608,915	1,484,025	92.2
33111171E0	Sheet piling and bearing piles.....	1	(D)	(D)	(D)	1	(D)	(D)	(D)
	Bars:								
3311117190	Hot rolled (except concrete reinforcing).....	7	5,945,229	3,578,608	60.2	7	5,583,169	3,418,407	61.2
33111171A0	Light structurals, under 3 inches.....	5	1,177,904	639,770	54.3	5	1,107,473	646,760	58.4
33111171B0	Concrete reinforcing.....	6	6,969,893	4,532,664	65.0	6	6,761,069	4,479,802	66.3
3312213110	Cold finished.....	1 b/	1,396,281	(D)	(D)	1 b/r/	1,470,254	(D)	(D)
331111L00	Rails, wheels, and track accessories.....	2	951,925	(D)	(D)	2	833,660	(D)	(D)
	Pipe and tubes:								
3312100110	Line pipe, 16 inches outside diameter and under.....	1 a/	882,846	(D)	(D)	1	779,123	(D)	(D)
3312100130	Oil country goods.....	2 c/	1,276,393	(D)	(D)	2 a/r/	1,338,520	(D)	(D)
33121001A0	Mechanical tubing, seamless.....	1	86,862	(D)	(D)	1	96,677	(D)	(D)
33121001F0	Structurals.....	1	1,292,837	(D)	(D)	1 r/	1,160,780	(D)	(D)
33121001G0	Miscellaneous, including standard pipe.....	1	1,097,811	(D)	(D)	1	1,170,000	(D)	(D)
3312225170	Wire.....	1 b/	18,642	(D)	(D)	1 b/r/	20,654	(D)	(D)
	Alloy steel total 2/.....	(NA)	4,821,706	(D)	(D)	(NA)	4,740,545	(D)	(D)
3311113120	Ingots.....	2	365,045	(D)	(D)	2 r/	328,693	(D)	(D)
	Semifinished products:								
3311113160	Blooms, billets, sheet bars, rounds, and skelp.....	1	882,866	(D)	(D)	1 r/	827,752	(D)	(D)
	Finished products:								
3311117170	Structural shapes (3 inches and under).....	1	61,695	(D)	(D)	1 r/	55,788	(D)	(D)
	Bars:								
33111171C0	Hot rolled, including structural shapes under 3 inches.....	3	2,060,155	(D)	(D)	3 r/	2,123,905	(D)	(D)
3312213120	Cold finished.....	1	300,063	(D)	(D)	1 r/	319,460	(D)	(D)
	Pipe and tubes:								
3312100140	Oil country goods and line pipe.....	1 b/	880,589	(D)	(D)	1 r/	797,682	(D)	(D)
33121001C0	Mechanical tubing.....	1	271,293	(D)	(D)	1 r/	287,265	(D)	(D)
	Stainless steel total 2/.....	(NA)	934,654	(D)	(D)	(NA)	497,981	(D)	(D)
3311113130	Ingots.....	2	80,432	(D)	(D)	2 r/	71,052	(D)	(D)
	Semifinished products:								
3311113180	Blooms, billets, slabs, sheet bars, tube rounds, and skelp.....	1	803,129	(D)	(D)	1	(D)	(D)	(D)
	Finished products:								
33111171D0	Hot-rolled steel.....	1 c/	51,093	(D)	(D)	1	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies. NA Not available. r/Revised by 5 percent or more from previously published data.

1/Product codes in product class 3312225 also include products in the 3311119 product class; same applies for product classes 3312211 and 331111D; 3312213 and 331111F; and 3312100 and 331111B.

2/Total data are for selected product codes only.

Note: Quantity data converted to metric tons; therefore, detail may not add to total because of rounding. Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 5. Shipments, Exports, Imports, and Apparent Consumption of Steel Mill Products: 2006
[Quantity in metric tons. Value in thousands of dollars]

Product code 1/	Product description	Manufacturers' shipments		Exports of domestic merchandise 2/ 3/		Imports for consumption 2/ 4/		Apparent consumption 6/	
		Quantity 1/	Total value f.o.b. plant 1/	Quantity	Value at port	Quantity	Value c.i.f 5/	Quantity	Value
	Total.....	113,355,780	94,197,970	8,861,961	10,494,693	42,256,607	34,194,305	146,750,426	109,156,010
	Carbon steel:	102,552,550	74,673,311	6,887,213	6,313,254	37,010,486	25,158,495	132,675,823	86,588,869
3311113110	Ingots.....	(D)	(D)	34,143	27,234	91	69	(D)	(D)
3311113140, 50	Semifinished blooms, billets, sheet bars, tin mill bars, tub rounds, skelp, and slabs.....	6,958,140	3,326,575	67,704	66,231	7,807,075	3,680,062	14,697,510	6,631,700
3311117110, 20	Finished plates, both cut in lengths and in coils.....	(D)	(D)	1,378,350	1,078,073	2,487,889	1,575,907	(D)	(D)
3311115110, 60	Finished sheet and strip, hot rolled, including hot-rolled bands.....	23,324,299	14,239,139	729,186	514,865	4,441,843	2,530,653	27,036,956	14,933,535
3312211110, 331111D110	Finished sheet, cold rolled.....	(D)	(D)	435,215	317,599	2,655,325	1,696,585	(D)	(D)
3311115120	Finished sheet and strip, galvanized, hot dipped.....	12,072,976	9,299,212	638,531	515,502	3,023,424	2,454,870	14,457,869	10,375,613
3311115130	Finished sheet and strip, galvanized, electrolytic.....	1,945,410	1,574,529	244,486	220,010	106,844	90,342	1,807,768	1,298,745
3311115140, 50	Finished sheet and strip, electrical and other metallic coating, including long ternes.....	(D)	(D)	214,186	278,260	779,500	736,110	(D)	(D)
3312211120, 331111D120	Finished strip, cold rolled.....	(D)	(D)	183,496	184,118	104,112	148,816	(D)	(D)
	Finished tin mill products:								
33111151C0	Blackplate.....	123,371	100,575	4,476	2,346	76,215	58,681	195,110	147,577
33111151D0	Electrolytic and hot-dipped tinplate.....	1,824,189	1,486,520	195,594	133,840	494,440	396,065	2,123,034	1,610,796
33111151E0, F0	Tin free steel and other tin mill products, including short ternes and foil.....	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(D)	(D)
3311117130, 40	Finished structural shapes (heavy), both wide flange and standard heavy shapes.....	5,297,920	3,747,979	755,898	561,023	914,510	647,910	5,456,532	3,487,054
33111171E0	Finished sheet piling and bearing piles.....	(D)	(D)	32,351	36,678	97,145	94,942	(D)	(D)
3311117190, 3190	Hot-rolled bars (except reinforcing) and semi-finished wire rods.....	8,969,294	6,005,104	416,616	327,776	3,427,819	1,978,733	11,980,497	7,098,787
	Finished bars:								
33111171A0	Light structurals, under 3 inches.....	1,177,904	797,273	82,119	55,836	252,105	157,729	1,347,890	825,179
33111171B0	Concrete reinforcing.....	6,969,893	4,063,501	273,353	161,293	2,347,290	1,142,533	9,043,831	4,667,648
3312213110, 331111F110	Cold finished.....	(D)	(D)	95,918	136,058	171,578	200,181	(D)	(D)
331111L100	Rails, wheels, and track accessories.....	951,925	910,894	120,922	96,014	494,682	314,447	1,325,685	1,044,796
3312100110, 20	Finished line pipe, all diameters.....	1,195,812	1,318,437	170,442	263,960	1,485,048	1,463,428	2,510,418	2,395,554
3312100130	Finished pipe and tubes, oil country goods.....	1,276,393	1,566,931	163,739	401,135	1,353,415	1,484,797	2,466,070	2,505,182
33121001F0	Finished pipe and tubes, structurals.....	1,292,837	1,395,497	143,177	401,135	585,813	470,070	1,735,474	1,576,994
3312100150, 60, 33121001A0, B0, G0, 331111B100	Finished pipe and tubes (except line pipe, oil country goods, and structurals).....	(D)	(D)	339,780	528,057	2,184,776	1,985,537	(D)	(D)
331225110 20, 30, 40, 50, 60, 3311119110	Finished plain wire.....	(D)	(D)	50,168	59,958	325,740	328,024	(D)	(D)
331225170, 80, 90	Finished wire, plated or coated with zinc.....	303,440	304,728	28,548	32,769	272,409	257,621	547,302	501,301
3312251A0, B0, C0	Finished wire, plated or coated, other than with zinc.....	(D)	(D)	50,368	75,708	83,915	109,037	(D)	(D)
331223100	Nails, staples, tacks, and brads.....	70,844	118,842	38,448	79,840	958,200	1,036,855	990,595	1,064,828
331222B100	Other wire products.....	380,238	348,872	-	-	-	-	380,238	316,497
3312227100, 9110, 9112	Fencing and fence gates, woven wire products, and all other wire products.....	209,907	219,178	-	-	79,283	118,491	289,190	317,329
3312221101	Finished wire rope and cable.....	124,637	267,960	-	-	-	-	124,637	243,093
3312221201	Finished wire strand.....	357,100	360,922	-	-	-	-	357,100	327,428
	Alloy steel (except stainless):	8,040,621	10,455,093	1,641,078	2,914,122	4,461,573	6,308,699	10,861,116	12,879,437
3311113120	Ingots.....	365,045	475,360	43,308	61,072	23,107	28,168	344,845	398,343
3311113160, 70	Semifinished blooms, billets, sheet bars, tube rounds, skelp and slabs.....	(D)	(D)	42,255	56,231	495,045	343,931	(D)	(D)
33111151A0, 70, 80, 90, 3311117150, 60, 3312211130, 40, 331111D130, 331111D140	Finished plate, sheet or strip, both hot and cold rolled or cold finished.....	(D)	(D)	716,224	966,605	1,477,056	1,647,993	(D)	(D)
33111131A0, 3311117170, C0, 3312213120, 331111F120	Semifinished wire rods, finished structural shapes (3 inches and under) and bars, hot rolled, including structural shapes under 3 inches, and cold finished.....	(D)	(D)	258,288	389,279	1,055,419	1,068,085	(D)	(D)
33111171F0	Finished tool steel, high-speed.....	13,743	111,566	2,671	33,499	6,094	65,985	17,166	133,699
33111171G0	Finished tool steel (except high speed).....	21,580	170,324	16,712	56,255	86,094	194,476	90,963	292,739
3312100140, 331111B140	Finished oil country goods and line pipe.....	(D)	(D)	291,224	545,569	856,794	1,458,774	(D)	(D)
3312100170, C0, H0, D0, E0, J0, 80, 90, 331111B180	Alloy steel, including stainless, pipe and tubes, n.e.c.	(D)	(D)	240,735	727,705	363,266	1,337,869	(D)	(D)
3312251D0, 33111191D0	Alloy steel (except stainless) finished wire, plain or coated.....	(D)	(D)	29,660	77,907	98,695	163,418	(D)	(D)
	Stainless steel:	2,762,610	9,069,566	333,670	1,267,317	784,548	2,727,111	3,213,487	9,687,704
3311113130	Ingots.....	80,432	120,830	7,647	29,968	16,799	48,253	89,584	127,902
3311113180	Semifinished blooms, billets, slabs, sheet bars, tube rounds, and skelp.....	803,129	1,689,174	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
33111131B0, 71D0	Semifinished wire rods and finished bars, hot rolled.....	(D)	(D)	18,247	99,555	52,331	206,502	(D)	(D)
3311117180	Finished plates and structurals.....	(D)	(D)	54,843	201,301	117,700	484,571	(D)	(D)
33111151B0	Finished sheet and strip, hot rolled.....	(D)	273,653	23,481	49,928	32,690	62,311	(D)	260,641
3312211150, 331111D150	Finished sheet and strip, cold rolled.....	(D)	(D)	201,000	692,087	435,209	1,338,778	(D)	(D)

Table 5. Shipments, Exports, Imports, and Apparent Consumption of Steel Mill Products: 2006
 [Quantity in metric tons. Value in thousands of dollars]

Product code 1/	Product description	Manufacturers' shipments		Exports of domestic merchandise 2/ 3/		Imports for consumption 2/ 4/		Apparent consumption 6/	
		Quantity 1/	Total value f.o.b. plant 1/	Quantity	Value at port	Quantity	Value c.i.f 5/	Quantity	Value
3312213130, 331111F130	Finished bars, cold finished.....	(D)	(D)	21,375	142,783	85,530	370,323	(D)	(D)
33122251E0, F0, G0, H0, 33111191E0	Finished wire.....	(D)	(D)	7,078	51,695	44,288	216,373	(D)	(D)

- Represents zero. D Withheld to avoid disclosing data for individual companies. NA Not available. n.e.c. Not elsewhere classified.

1/Refer to Table 3 for the total quantity shipments detail.

2/For a comparison of North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA import codes, see Table 6.

3/Source: Census Bureau report EM 545, U.S. Exports.

4/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

5/Dollar value represents the c.i.f. (cost, insurance, and freight) value at the first port of entry in the United States plus U.S. import duties.

6/Apparent consumption is derived by subtracting exports from the total manufacturers' shipments plus imports.

Note: Quantity data converted to metric tons; therefore, detail may not add to total because of rounding.

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
3311113110	Carbon steel: Ingots.....	7206.10.0000	7206.10.0000
3311113140, 50	Semifinished blooms, billets, sheet bars, tin mill bars, tube rounds, skelp, and slabs.....	7207.20.0000 7207.11.0000 7206.90.0000 7207.19.0000 7207.12.0000	7207.19.0090 7207.20.0045 7207.20.0090 7207.20.0075 7207.20.0025 7207.19.0030 7207.12.0050 7207.12.0010 7207.11.0000 7206.90.0000
3311117110, 20	Finished plates, both cut in lengths and in coils.....	7208.51.0050 7208.51.0030 7208.37.0060 7208.37.0030 7208.36.0060 7211.19.3050 7210.90.1000 7208.52.0000 7211.19.7050 7211.14.0000 7211.13.0000 7208.36.0030 7208.25.3000 7208.25.6000	7208.10.3000 7208.10.1500 7208.37.0060 7208.25.6000 7208.25.3000 7211.14.0090 7211.13.0000 7208.52.0000 7208.51.0030 7208.51.0060 7208.51.0045 7208.40.3060 7211.14.0045 7210.90.1000 7211.14.0030 7208.40.3030 7208.37.0030 7208.36.0060 7208.36.0030
3311115110, 60	Finished sheet and strip, hot rolled, including hot-rolled bands.....	7208.27.0030 7208.27.0060 7208.54.0000 7208.26.0060 7208.90.0000 7208.26.0030 7208.10.1500 7208.53.0000 7208.40.0000 7208.39.0050 7208.39.0015 7208.38.0050 7208.38.0015 7208.10.2500	7208.38.0030 7208.38.0015 7208.27.0030 7208.26.0060 7208.10.6000 7211.19.3000 7211.19.2000 7211.19.1500 7208.90.0000 7208.54.0000 7208.53.0000 7208.40.6060 7208.38.0090 7208.27.0060 7208.26.0030 7211.19.7590 7211.19.7560 7211.19.7530 7211.19.6000 7211.19.4500 7208.40.6030 7208.39.0090 7208.39.0030 7208.39.0015
3312211110 331111D110	Finished sheet, cold rolled.....	7209.17.0090 7209.15.0000 7209.27.0000 7209.16.0090 7209.90.0000 7209.28.0000 7209.26.0000	7209.16.0060 7209.16.0030 7209.15.0000 7209.17.0030 7209.16.0091 7209.16.0070 7209.18.1530

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
	Finished sheet, cold rolled (Continued)	7209.16.0010	7209.17.0091
		7209.25.0000	7209.90.0000
		7209.18.1500	7209.28.0000
		7209.17.0010	7209.17.0070
		7209.18.6000	7209.17.0060
			7209.26.0000
			7209.18.1560
			7209.27.0000
			7210.70.3000
			7209.25.0000
			7209.18.6090
			7209.18.6020
331115120	Finished sheet and strip, galvanized, hot dipped.....	7210.49.0090	7212.30.5000
		7212.30.0000	7210.70.6060
		7210.49.0030	7210.41.0000
		7210.41.0000	7212.30.1030
			7212.30.1090
			7212.30.3000
			7210.49.0090
			7210.49.0030
331115130	Finished sheet and strip, galvanized, electrolytic.....	7210.30.0060	7210.70.6030
		7210.30.0030	7212.20.0000
		7212.20.0000	7210.30.0060
			7210.30.0030
331115140, 50	Finished sheet and strip, electrical and other metallic coating, including long ternes.....	7210.61.0000	7210.70.6090
		7212.50.0000	7210.20.0000
		7210.50.0000	7210.50.0000
		7212.60.0000	7210.69.0000
		7210.20.0000	7210.61.0000
		7210.69.0000	7212.50.0000
		7212.40.0000	7212.60.0000
		7210.90.5000	7210.90.9000
		7210.70.0000	7210.90.6000
331221120, 331111D120	Finished strip, cold rolled.....	7211.90.0000	7211.23.3000
		7211.23.1500	7211.23.1500
		7211.29.3050	7211.23.2000
		7211.23.3050	7212.40.1000
			7211.23.4500
			7211.29.2030
			7211.23.6085
			7211.23.6075
			7211.29.4500
			7211.23.6060
			7211.90.0000
			7211.29.6080
			7211.29.6030
			7211.23.6030
			7211.29.2090
			7212.40.5000
3311151C0	Finished tin mill products: Blackplate.....	7209.18.2500	7209.18.2520
			7209.18.2580
			7209.18.2510
3311151D0	Electrolytic and hot-dipped tin plate.....	7212.10.0000	7210.12.0000
		7210.12.0000	7210.11.0000
		7210.11.0000	7212.10.0000

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
33111151E0, F0	Tin free steel and other tin mill products, including short ternes and foil.....	(NA)	(NA)
3311117130, 40	Finished structural shapes (heavy), both wide flange and standard heavy shapes.....	7216.40.0000 7216.33.0000 7216.31.0000 7216.69.0000 7216.50.0000 7216.99.0000 7216.32.0000 7301.20.1000 7216.61.0000	7301.20.1000 7216.33.0090 7216.33.0060 7216.99.0090 7216.99.0010 7216.91.0090 7216.91.0010 7216.69.0000 7216.61.0000 7216.50.0000 7216.40.0050 7216.40.0010 7216.33.0030 7216.32.0000 7216.31.0000
33111171E0	Finished sheet piling and bearing piles.....	7301.10.0000	7301.10.0000
3311117190, 3190	Hot-rolled bars (except reinforcing) and semifinished wire rods.....	7213.91.3000 7214.10.0000 7213.91.6000 7214.30.0000 7213.20.0000 7213.91.4500 7214.91.0015 7214.91.0090 7213.99.0000 7214.91.0060 7214.99.0010 7214.99.0035 7214.99.0025	7213.99.0030 7213.91.3092 7213.20.0010 7214.99.0060 7213.91.3011 7214.99.0030 7214.30.0010 7214.99.0090 7214.99.0075 7214.99.0045 7213.99.0090 7213.91.3015 7214.91.0090 7214.91.0060 7213.91.6000 7213.91.4500 7215.90.1000 7214.30.0080 7214.10.0000 7213.20.0080 7214.99.0015 7214.91.0015 7213.99.0060
33111171A0	Finished bars: Light structurals, under 3 inches.....	7216.22.0000 7216.21.0000 7216.10.0000	7216.10.0010 7216.22.0000 7216.21.0000 7216.10.0050
33111171B0	Concrete reinforcing.....	7213.10.0000 7214.20.0000	7213.10.0000 7214.20.0000
3312213110 331111F110	Cold finished.....	7216.91.0000 7215.10.0000 7215.50.0090 7215.50.0060 7215.90.0000 7215.50.0015	7215.10.0010 7215.50.0015 7215.10.0080 7215.90.3000 7215.50.0090 7215.50.0060 7215.90.5000
331111L100	Finished rails, wheels, and track accessories.....	7302.10.1080 7302.10.5000 7302.10.1020 7302.10.1030	7302.10.5020 7302.10.5040 7302.10.5060 7302.10.1010

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
	Finished rails, wheels, and track accessories (Continued)		7302.10.1025 7302.10.1015 7302.10.1065 7302.10.1055 7302.10.1045 7302.10.1035 7302.10.1075
3312100110, 20	Finished line pipe, all diameters.....	7304.10.1050 7304.10.1020 7305.19.1000 7305.12.1000 7305.11.1000 7306.10.1000 7304.10.1080	7305.19.1030 7305.12.1060 7304.10.1080 7304.10.1060 7304.10.1045 7304.10.1030 7304.10.1020 7305.19.1060 7305.12.1030 7305.11.1060 7306.10.1010 7306.10.1050 7305.11.1030
3312100130	Finished pipe and tubes, oil country goods.....	7304.21.3000 7305.20.3000 7304.29.5000 7304.29.1055 7306.20.6000 7306.20.1500	7306.20.1030 7304.29.1020 7304.29.1010 7304.21.3000 7306.20.1090 7305.20.4000 7305.20.2000 7304.29.2040 7306.20.2000 7304.29.2030 7304.29.1040 7306.20.6050 7306.20.6010 7304.29.5075 7304.29.5060 7304.29.5045 7304.29.5030 7304.29.5015 7304.29.2080 7304.29.2060 7304.29.2050 7304.29.1030 7304.29.2020 7304.29.2010 7304.29.1080 7304.29.1060 7304.29.1050
33121001F0	Finished pipe and tubes, structurals.....	7304.90.4000 7306.60.2500 7305.31.4000	7305.31.4000 7304.90.1000 7306.60.1000
3312100150, 60, 33121001A0, B0, G0, 331111B100	Finished pipe and tubes (except line pipe, oil country goods, and structurals).....	7306.30.6000 7306.30.4000 7306.30.2000 7306.30.1550 7306.30.1000 7305.39.1000 7304.39.0000 7304.31.0000 7317.00.1000 8305.20.0000	7306.90.1000 7304.39.0002 7305.39.1000 7304.31.6050 7304.31.6010 7304.31.3000 7306.30.5010 7306.30.1000 7304.39.0076 7304.39.0072 7304.39.0068 7306.30.5020

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
	Finished pipe and tubes (except line pipe, oil country goods, and structurals) (Continued)		7305.90.1000 7304.39.0008 7304.39.0006 7304.39.0004 7304.39.0032 7304.39.0028 7304.39.0024 7304.39.0020 7304.39.0016 7304.39.0062 7304.39.0056 7304.39.0052 7304.39.0048 7304.39.0044 7304.39.0040 7304.39.0036 7304.39.0080 7304.90.5000 7306.60.5000 7306.50.5010 7306.30.5090 7306.30.5085 7306.30.5055 7306.30.5040 7306.30.5035 7306.30.5032 7306.30.5028 7306.30.5025 7306.30.5015
3312225110, 20, 30, 40, 50, 60, 3311119110	Finished plain wire.....	7305.90.1000 7306.90.1000 7217.10.7510	7217.10.4030 7217.10.8060 7217.10.8025 7217.10.7000 7217.10.5030 7217.10.4090 7217.10.8075 7217.10.8030 7217.10.8020 7217.10.8045 7217.10.2000 7217.10.1000 7217.10.3000 7217.10.8010 7217.10.9000 7217.10.8090 7217.10.6000 7217.10.5090
3312225170, 80, 90	Finished wire, plated or coated with zinc.....	7217.10.2510 7217.10.1510 7217.20.9010	7217.20.7500 7217.20.6000 7217.20.4580 7217.20.4570 7217.20.4560 7217.20.4550 7217.20.4540 7217.20.4530 7217.20.4520 7217.20.4510 7217.20.3000 7217.20.1500
33122251A0, B0, C0	Finished wire, plated or coated, other than with zinc.....	7217.20.5010 7217.20.1010 7217.30.9010 7217.30.5010	7217.90.5090 7217.90.5060 7217.90.5030 7217.90.1000 7217.30.7500

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
	Finished wire, plated or coated, other than with zinc (Continued)		7217.30.6000 7217.30.4590 7217.30.4560 7217.30.4550 7217.30.4541 7217.30.4530 7217.30.4520 7217.30.4511 7217.30.4504 7217.30.3000 7217.30.1560 7217.30.1530
3312223100	Nails, staples, tacks, spikes, and brads.....	7217.30.1010 7217.90.0000 7317.00.9000	7317.00.5508 7317.00.5507 7317.00.1000 8305.20.0000 7317.00.7500 7317.00.6560 7317.00.6530 7317.00.5590 7317.00.5580 7317.00.5570 7317.00.5560 7317.00.5550 7317.00.5540 7317.00.5530 7317.00.5520 7317.00.5519 7317.00.5518 7317.00.5511 7317.00.5505 7317.00.5503 7317.00.5502 7317.00.5501 7317.00.3000 7317.00.2000
331222B100	Other wire products.....	(NA)	(NA)
3312227100, 9110, 9112	Fencing and fence gates, woven wire products, and welded steel wire fabrics.....	(NA)	7314.49.6000 7314.49.3000 7314.42.0060 7314.42.0030 7314.41.0030 7314.20.0000
3312221101	Finished wire rope and cable.....	(NA)	(NA)
3312221201	Finished wire strand.....	(NA)	(NA)
3311113120	Alloy steel (except stainless): Ingots.....	7224.10.0000	7224.10.0075 7224.10.0045 7224.10.0005
3311113160, 70	Semifinished blooms, billets, sheet bars, tube rounds, skelp, and slabs.....	7224.90.0000	7224.90.0075 7224.90.0065 7224.90.0055 7224.90.0045 7224.90.0035 7224.90.0025 7224.90.0015 7224.90.0005

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
33111151A0	Finished plate, sheet or strip, both hot and cold rolled or cold finished.....	7225.92.0000	7226.99.0000
70, 80, 90		7225.91.0000	7226.94.0000
3311117150,		7225.99.0000	7226.93.0000
60		7226.20.0000	7226.92.8050
3312211130,		7225.50.0000	7226.92.8005
40,		7225.19.0000	7226.92.7050
331111D130,		7226.19.0000	7226.92.7005
331111D140		7226.99.0000	7226.92.5000
		7226.11.0000	7226.92.3060
		7226.92.2000	7226.92.3030
		7226.92.4000	7226.92.1060
		7225.30.0000	7226.92.1030
		7225.20.0000	7226.91.8000
		7225.40.0000	7226.91.7000
		7226.91.0000	7226.91.5000
		7226.94.0000	7226.91.2560
		7226.93.0000	7226.91.2530
		7225.11.0000	7226.91.1560
			7226.91.1530
			7226.91.0500
			7226.20.0000
			7226.19.9000
			7226.19.1000
			7226.11.9060
			7226.11.9030
			7226.11.1000
			7225.99.0090
		7225.99.0010	
		7225.92.0000	
		7225.91.0000	
		7225.50.8085	
		7225.50.8015	
		7225.50.8010	
		7225.50.7000	
		7225.50.6000	
		7225.50.1060	
		7225.50.1030	
		7225.40.7000	
		7225.40.5060	
		7225.40.5030	
		7225.40.3050	
		7225.40.3005	
		7225.40.1090	
		7225.40.1015	
		7225.30.7000	
		7225.30.5060	
		7225.30.5030	
		7225.30.3050	
		7225.30.3005	
		7225.30.1000	
		7225.20.0000	
		7225.19.0000	
		7225.11.0000	
33111131A0,	Semifinished wire rods, finished structural shapes (3 inches and under) and bars, hot rolled, including structural shapes under 3 inches, and cold finished.....	7228.70.0000	7228.70.3081
3311117170,		7228.40.0000	7228.70.3010
C0,		7301.20.5000	7228.70.3041
3312213120,		7228.10.0000	7227.90.6010
331111F120		7228.60.5000	7227.90.6080
		7228.80.0000	7301.20.5000
		7227.10.0000	7228.80.0000
		7227.90.0000	7228.70.6000
		7228.30.8000	7228.70.3060

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
	Semifinished wire rods, finished structural shapes (3 inches and under) and bars, hot rolled, including structural shapes under 3 inches, and cold finished (Continued)	7228.20.0000	7228.70.3020
		7227.20.0000	7228.60.8000
			7228.60.6000
			7228.50.5050
			7228.50.5005
			7228.40.0000
			7228.30.8050
			7228.30.8005
			7228.20.5000
			7228.20.1000
			7227.90.6005
			7227.90.2060
			7227.90.2030
			7227.90.1060
			7227.90.1030
		7227.20.0000	
		7227.10.0000	
33111171F0	Finished tool steel, high speed.....	7228.50.5000	7228.10.0060
			7228.10.0030
			7228.10.0010
33111171G0	Finished tool steel (except high speed).....	7228.30.5000	7228.60.1060
		7228.60.1000	7228.60.1030
		7228.50.1000	7228.50.1080
			7228.50.1060
			7228.50.1040
			7228.50.1020
			7228.50.1010
			7228.30.6000
			7228.30.4000
			7228.30.2000
3312100140, 331111B140	Finished oil country goods and line pipe.....	7306.20.8000	7306.20.8050
		7306.20.2500	7306.20.8010
		7304.29.3055	7306.20.4000
		7304.21.6000	7306.20.3000
		7304.10.5080	7306.10.5050
		7304.10.5050	7306.10.5010
		7304.10.5020	7305.20.8000
		7305.20.7000	7305.20.6000
		7306.10.5000	7305.19.5000
		7305.12.5000	7305.12.5000
		7305.11.5000	7305.11.5000
		7304.29.6000	7304.29.6075
		7305.19.5000	7304.29.6060
			7304.29.6045
			7304.29.6030
			7304.29.6015
			7304.29.4080
			7304.29.4060
			7304.29.4050
			7304.29.4040
			7304.29.4030
			7304.29.4020
			7304.29.4010
			7304.29.3080
			7304.29.3060
			7304.29.3050
			7304.29.3040
			7304.29.3030
			7304.29.3020
			7304.29.3010
			7304.21.6060
			7304.21.6045

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
	Finished oil country goods and line pipe (Continued)		7304.21.6030 7304.10.5080 7304.10.5050 7304.10.5020
3312100170, C0, H0, D0, E0, J0, 80, 90, 331111B180	Alloy steel, including stainless, pipe and tubes, n.e.c.	7304.51.0000 7304.49.0010 7304.49.0040 7306.50.4500 7306.60.6500 7306.50.1000 7306.40.5000 7306.90.5000 7306.40.1000 7305.90.5000 7305.39.5000 7305.31.6000 7304.90.6000 7304.59.0000 7304.41.0000	7306.90.5000 7306.60.7060 7306.60.7030 7306.60.3000 7306.50.5070 7306.50.5050 7306.50.5030 7306.50.3000 7306.50.1000 7306.40.5090 7306.40.5085 7306.40.5080 7306.40.5064 7306.40.5062 7306.40.5044 7306.40.5042 7306.40.5040 7306.40.5015 7306.40.5005 7306.40.1090 7306.40.1015 7306.40.1010 7305.90.5000 7305.39.5000 7305.31.6000 7304.90.7000 7304.90.3000 7304.59.8080 7304.59.8070 7304.59.8065 7304.59.8060 7304.59.8055 7304.59.8050 7304.59.8045 7304.59.8040 7304.59.8035 7304.59.8030 7304.59.8025 7304.59.8020 7304.59.8015 7304.59.8010 7304.59.6000 7304.59.2080 7304.59.2070 7304.59.2060 7304.59.2055 7304.59.2045 7304.59.2040 7304.59.2030 7304.59.1000 7304.51.5060 7304.51.5045 7304.51.5015 7304.51.5005 7304.51.1000 7304.49.0060 7304.49.0045 7304.49.0015 7304.49.0005 7304.41.6045 7304.41.6015 7304.41.6005

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
	Alloy steel, including stainless, pipe and tubes, n.e.c.(Continued)		7304.41.3045 7304.41.3015 7304.41.3005
33122251D0, 33111191D0	Alloy steel (except stainless) finished wire, plain or coated.....	7229.20.0000 7229.90.0000 7229.10.0000	7229.90.5016 7229.20.0010 7229.20.0015 7229.20.0090 7229.90.9000 7229.90.5051 7229.90.5031 7229.90.5008 7229.90.5006 7229.90.1000 7229.10.0000
3311113130	Stainless steel: Ingots.....	7218.10.0000	7218.10.0000
3311113180	Semifinished blooms, billets, slabs, sheet bars, tube rounds, and skelp.....	7218.99.0000 7218.91.0000	7218.99.0090 7218.99.0060 7218.99.0045 7218.99.0030 7218.99.0015 7218.91.0060 7218.91.0030 7218.91.0015
33111131B0, 71D0	Semifinished wire rods and finished bars, hot rolled.....	7221.00.0000 7222.19.0000 7222.11.0000	7222.19.0050 7222.19.0005 7222.11.0050 7222.11.0005 7221.00.0075 7221.00.0045 7221.00.0030 7221.00.0015 7221.00.0005
3311117180	Finished plates and structurals.....	7219.12.0000 7219.22.0000 7219.21.0000 7222.40.0000 7220.11.0000 7219.31.0000 7219.11.0000	7222.40.6000 7222.40.3085 7222.40.3065 7222.40.3045 7222.40.3025 7220.11.0000 7219.31.0050 7219.31.0010 7219.22.0080 7219.22.0075 7219.22.0070 7219.22.0045 7219.22.0040 7219.22.0035 7219.22.0025 7219.22.0020 7219.22.0015 7219.22.0005 7219.21.0060 7219.21.0040 7219.21.0020 7219.21.0005 7219.12.0081 7219.12.0071 7219.12.0066 7219.12.0056 7219.12.0051 7219.12.0026

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
	Finished plates and structurals (Continued)		7219.12.0021 7219.12.0006 7219.12.0002 7219.11.0060 7219.11.0030
33111151B0	Finished sheet and strip, hot rolled.....	7220.12.0000 7219.13.0000 7219.24.0000 7219.23.0000 7219.14.0000	7220.12.5000 7220.12.1000 7219.24.0060 7219.24.0030 7219.23.0060 7219.23.0030 7219.14.0090 7219.14.0065 7219.14.0030 7219.13.0081 7219.13.0071 7219.13.0051 7219.13.0031 7219.13.0002
3312211150, 331111D150	Finished sheet and strip, cold rolled.....	7220.90.0000 7220.20.0000 7219.90.0000 7219.35.0000 7219.34.0000 7219.33.0000 7219.32.0000	7220.90.0080 7220.90.0060 7220.90.0015 7220.90.0010 7220.20.9060 7220.20.9030 7220.20.8000 7220.20.7080 7220.20.7060 7220.20.7015 7220.20.7010 7220.20.7005 7220.20.6080 7220.20.6060 7220.20.6015 7220.20.6010 7220.20.6005 7220.20.1080 7220.20.1060 7220.20.1015 7220.20.1010 7219.90.0080 7219.90.0060 7219.90.0025 7219.90.0020 7219.90.0010 7219.35.0050 7219.35.0035 7219.35.0030 7219.35.0015 7219.35.0005 7219.34.0050 7219.34.0035 7219.34.0030 7219.34.0025 7219.34.0020 7219.34.0005 7219.33.0080 7219.33.0070 7219.33.0045 7219.33.0044 7219.33.0042 7219.33.0038 7219.33.0036 7219.33.0035 7219.33.0025

Table 6. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with with Schedule B Export Codes and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
	Finished sheet and strip, cold rolled (Continued)		7219.33.0020 7219.33.0005 7219.32.0060 7219.32.0045 7219.32.0044 7219.32.0042 7219.32.0038 7219.32.0036 7219.32.0035 7219.32.0025 7219.32.0020 7219.32.0005
3312213130, 331111F130	Finished bars, cold finished.....	7222.30.0000 7222.20.0000	7222.30.0000 7222.20.0075 7222.20.0045 7222.20.0005
33122251E0, FO, GO, HO, 33111191E0	Finished wire	7223.00.0000	7223.00.9000 7223.00.5000 7223.00.1075 7223.00.1060 7223.00.1045 7223.00.1030 7223.00.1015

NA Not available. n.e.c. Not elsewhere classified.

1/Source: 2006 edition, Harmonized System-based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/Source: Harmonized Tariff Schedule of the United States, Annotated (2006).

Appendix.

General CIR Survey Information, Explanation of General Terms and Historical Note

GENERAL

The CIR program has been providing monthly, quarterly, and annual measures of industrial activity for many years. Since 1904, with its cotton and fats and oils surveys, the CIR program has formed an essential part of an integrated statistical system involving the quinquennial economic census, manufacturing sector, and the annual survey of manufactures. The CIR surveys, however, provide current statistics at a more detailed product level than either of the other two statistical programs.

The primary objective of the CIR program is to produce timely, accurate data on production and shipments of selected products. The data are used to satisfy economic policy needs and for market analysis, forecasting, and decision making in the private sector. The product-level data generated by these surveys are used extensively by individual firms, trade associations, and market analysts in planning or recommending marketing and legislative strategies, particularly if their industry is significantly affected by foreign trade. Although production and shipments information are the two most common data items collected, the CIR program collects other measures also such as inventories, orders, and consumption. These surveys measure manufacturing activity in important commodity areas such as textiles and apparel, chemicals, primary metals, computer and electronic components, industrial equipment, aerospace equipment, and consumer goods.

The CIR program uses a unified data collection, processing, and publication system. The U.S. Census Bureau updates the survey panels for most reports annually and reconciles the estimates to the results of the broader-based annual survey of manufactures and the economic census, manufacturing sector. The manufacturing sector provides a complete list of all producers of the products covered by the CIR program and serves as the primary source for CIR sampling. Where a small number of producers exist, CIR surveys cover all known producers of a product. However, when the number of producers is too large, cutoff and random sampling techniques are used. Surveys are continually reviewed and modified to provide the most up-to-date information on products produced. The CIR program includes a group of mandatory and voluntary surveys. Typically the monthly and quarterly surveys are conducted on a voluntary basis. Those companies that choose not to respond to the voluntary surveys are required to submit a mandatory annual counterpart corresponding to the more frequent survey.

NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS), 1997

The adoption of the North American Industry Classification System (NAICS) in the 1997 Economic Census has had a major impact on the comparability of current and historic data. Approximately half of the industries in the manufacturing sector of NAICS do not have comparable industries in the Standard Industrial Classification (SIC) system that was used in the past.

While most of the change affecting the manufacturing sector was change within the sector, some industries left manufacturing and others came into manufacturing. Prominent among those that left manufacturing are logging and portions of publishing. Prominent among the industries that came into the manufacturing sector are bakeries, candy stores where candy is made on the premises, custom tailors, makers of custom draperies, and tire retreading. The net effect of the classification changes are such that if the 1997 value of shipments data for all manufacturers were tabulated on an SIC basis, it would be approximately 3 percent higher.

Listed below are the NAICS sectors:

- 21 Mining
- 22 Utilities
- 23 Construction
- 31-33 Manufacturing
- 42 Wholesale Trade
- 44-45 Retail Trade
- 48-49 Transportation and Warehousing
- 51 Information
- 52 Finance and Insurance
- 53 Real Estate and Rental and Leasing
- 54 Professional, Scientific, and Technical Services
- 55 Management of Companies and Enterprises
- 56 Administrative and Support and Waste Management and Remediation Services
- 61 Educational Services
- 62 Health Care and Social Assistance
- 71 Arts, Entertainment, and Recreation
- 72 Accommodation and Food Services
- 81 Other Services (except Public Administration)

(Not listed above are the Agriculture, Forestry, Fishing, and Hunting sector (NAICS 11), partially covered by the census of agriculture conducted by the U.S. Department of Agriculture, and the Public Administration sector (NAICS 92), covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 96 subsectors (three-digit codes), 313 industry groups (four-digit codes), and, as implemented in the United States, 1170 industries (five- and six-digit codes).

FUNDING

The Census Bureau funds most of the surveys. However, a number of surveys are paid for either fully or partially by other Federal Government agencies or private trade associations. A few surveys are mandated, but all are authorized by Title 13 of the United States Code.

RELIABILITY OF DATA

Survey error may result from several sources including the inability to obtain information about all cases in the survey, response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding the reported data, and other errors of collection, response, coverage, and estimation. These nonsampling errors also occur in complete censuses. Although no direct measurement of the biases due to these nonsampling errors has been obtained, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize their influence.

A major source of bias in the published estimates is the imputing of data for nonrespondents, for late reporters, and for data that fail logic edits. Missing figures are imputed based on period-to-period movements shown by reporting firms. A figure is considered to be an impute if the value was not directly reported on the questionnaire, directly derived from other reported items, directly available from supplemental sources, or obtained from the respondent during the analytical review phase. Imputation generally is limited to a maximum of 10 percent for any one data cell. Figures with imputation rates greater than 10 percent are suppressed or footnoted. The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual yearly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is assumed to be small. The degree of uncertainty regarding the accuracy of the published data increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

DATA REVISIONS

Statistics for previous years may be revised as the result of corrected figures from respondents, late reports for which imputations were originally made, or other corrections. Data that have been revised by more than 5 percent from previously published data are indicated by footnotes.

DISCLOSURE

The Census Bureau collects the CIR data under the authority of Title 13, United States Code, which specifies that the information can only be used for statistical purposes and cannot be published or released in any manner that would identify a person, household, or establishment. "D" indicates that data in the cell have been suppressed to avoid disclosure of information pertaining to individual companies.

EXPLANATION OF GENERAL TERMS

Capacity. The maximum quantity of a product that can be produced in a plant in 1 day if operating for 24 hours. Includes the capacity of idle plants until the plant is reported to be destroyed, dismantled, or abandoned.

Consumption. Materials used in producing or processing a product or otherwise removing the product from the inventory.

Exports. Includes all types of products shipped to foreign countries, or to agents or exporters for reshipment to foreign countries.

Gross shipments. The quantity or value of physical shipments from domestic establishments of all products sold, transferred to other establishments of the same company, or shipped on consignment, whether for domestic or export sale or use. Shipments of products purchased for resale are omitted. Shipments of products made under toll arrangements are included.

Interplant transfers. Shipments to other domestic plants within a company for further assembly, fabrication, or manufacture.

Inventories. The quantity or value of finished goods, work in progress, and materials on hand.

Machinery in place. The number of machines of a particular type in place as of a particular date whether the machinery was used for production, prototype, or sampling, or was idle. Machinery in place includes all machinery set up in operating positions.

Net receipts. Derived by subtracting the materials held at the end of the previous month from the sum of materials used during the current month.

Production. The total volume of products produced, including: products sold; products transferred or added to inventory after adjustments for breakage, shrinkage, and obsolescence, plus any other inventory adjustment; and products that undergo further manufacture at the same establishment.

Quantities produced and consumed. Quantities of each type of product produced by a company for internal consumption within that same company.

Quantity and value of new orders. The sales value of orders received during the current reporting period for products and services to be delivered immediately or at some future date. Also represents the net sales value of contract change documents that increase or decrease the sales value of the orders to which they are related, when the parties concerned are in substantial agreement as to the amount involved. Included as orders are only those that are supported by binding legal documents such as signed contracts or letter contracts.

Quantity and value of shipments. The figures on quantity and value of shipments represent physical shipments of all products sold, transferred to other establishments of the same company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and

returns. Shipments to a company's own branches are assigned the same value as comparable appropriate allocation of company overhead and profit. Products bought and resold without further manufacture are excluded.

Stocks. Total quantity of ending finished inventory.

Unfilled orders (backlog). Calculated by adding net new orders and subtracting net sales from the backlog at the end of the preceding year.

HISTORICAL NOTE

Data on steel mill products have been collected by the Census Bureau since 1921. Historical data may be obtained from Current Industrial Reports (called Facts for Industry before 1959) available at your local Federal Depository Library.