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Steel, tubular products and steel wire



March 2005



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Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

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Highlights

March

- The total disposition of rolled steel products rose 15.9% between February and March 2005 to 1,306,500 metric tonnes, the highest level since June 2004. Compared with March 2004, however, total dispositions were down 7.9% as a result of plant shutdowns.
- Recovering from February's unusually low level, total production of primary steel increased 5.8% to reach 1,369,498 metric tonnes in March 2005 although production was 2.5% lower than for the same month last year.
- Dispositions of primary steel forms climbed 69.9% to 71,932 tonnes between February and March. A surge of 518.4% in exports of primary forms for final sale to countries other than the United States drove the month-to-month increase. Exports to the United States dropped 39.1% to 20,751 metric tonnes over the same period.
- Total pig iron production was up 5.2% to 716,125 metric tonnes in March, but 5.7% lower than one year ago.
- Between February and March 2005, the production of steel pipe and tubing rose 10.9 % to 241,654 metric tonnes. Shipments of steel pipe and tubing were also strong in March reaching 235,844 metric tonnes, their highest level since June 2004. However, shipments in March were down 15.8% compared with the same month in the previous year.
- At 55,824 metric tonnes, March shipments of steel wire and specified wire products achieved their highest level in the last six months. This was 8.2% higher than the 51,608 metric tonnes shipped in February, but 24.9% below the 74,309 metric tonnes shipped in March of 2004.

Related products

Selected CANSIM tables from Statistics Canada

303-0046	Production and shipments of steel pipe and tubing
303-0047	Production and shipments of steel wire and specified wire products
303-0048	Production and shipments of pig iron
303-0049	Pig iron and scrap products charged to furnace, by the primary metal industry
303-0050	Production and shipments of steel casting and primary forms steel products
303-0051	Destination of net shipments of rolled steel products to consuming industries

Selected surveys from Statistics Canada

2105	Steel Pipe and Tubing
2106	Steel Wire and Specified Wire Products
2116	Steel Primary Forms, Steel Castings and Pig Iron
2184	Disposition of Shipments of Ingots and Rolled Steel Products

Statistical tables

Table 1-1

Steel primary forms and pig iron — Disposition of net shipments¹ of rolled steel products, by product, monthly 2005

SDC No.	Steel primary forms	Rails and heavy structural sections	Intermediate structural sections	Light structural sections	Concrete reinforcing bars	Other hot rolled bars	Wire rods	Railway track material
metric tonnes								
March								
Domestic shipments								
11 Steel service centres and other wholesalers and warehouses	0	2,385	6,546	6,104	4,117	25,347	73	.
21 Motor vehicles and parts	.	.	.	.	.	26,565	108	.
22 Railway operating	.	.	.	.	.	0	.	.
23 Railroad cars and locomotives	.	432	.	.	.	.	.	.
24 Shipbuilding	.	.	.	.	.	.	.	.
31 Steel fabrication	0	233	881	3,763	11,796	14,207	0	.
32 Metal building systems	.	.	.	.	.	3	.	.
33 Contractors' products	.	.	.	.	210	950	269	.
34 Miscellaneous stamping and coating	.	0	428	289	.	2,425	.	.
41 Natural resources and extractive industries	.	.	0	.	648	16,974	.	.
51 Agricultural equipment	.	12	8	2	.	499	.	.
52 Non electrical machinery	.	17	9	0	.	1,047	0	.
53 Electrical machinery	.	.	.	.	.	0	.	.
54 Industrial packaging material	.	.	.	.	.	.	.	.
61 Pipes and tubes	.	.	.	.	.	0	.	.
62 Wire and wire products	0	.	.	.	0	4,304	28,954	.
63 Containers and closures	.	.	.	.	.	.	.	.
64 Appliances and utensils industries	.	.	.	.	.	.	.	.
70 Miscellaneous industries	.	.	.	.	.	.	.	.
Total domestic shipments	0	3,079	7,872	10,158	16,771	92,321	29,404	0
Total domestic alloy shipments	.	.	.	.	.	18,102	0	.
Exports² (for final sale)								
81 Exports to the United States	20,751	2,085	10,527	8,217	0	47,908	39,492	.
82 Exports to other countries (excluding United States)	51,181	44	128	.	.	18,411	0	.
Total disposition	71,932	5,208	18,527	18,375	16,771	158,640	68,896	0
Total alloy shipments	.	.	.	.	.	45,365	0	.
Producers interchange, for sale	x	.	.	.	.	2,049	33	.
Exports for conversion and return ²	.	.	.	.	.	.	.	.
Imports by producers (including conversion)	6,860	.	.	.	.	.	0	.

See footnotes at the end of the table.

Table 1-1 – continued

Steel primary forms and pig iron — Disposition of net shipments¹ of rolled steel products, by product, monthly 2005

SDC No.	Cold finished bars	Plates ³	Hot rolled sheets and coils	Cold reduced sheets and strip and other cold rolled and coated	Tin plate and tin free steel (T.F.S.)	Galvanized sheets including galvalume	Total, rolled steel products
metric tonnes							
March							
Domestic shipments							
11 Steel service centres and other wholesalers and warehouses	3,091	26,982	164,197	34,616	2,567	40,619	316,644
21 Motor vehicles and parts	2,758	0	94,959	20,572	.	74,553	219,515
22 Railway operating	.	0	.	.	.	.	0
23 Railroad cars and locomotives	.	3,589	0	.	.	.	4,021
24 Shipbuilding	.	.	.	.	.	.	.
31 Steel fabrication	131	6,577	3,522	185	.	778	42,073
32 Metal building systems	.	.	1,844	.	.	2,768	4,615
33 Contractors' products	28	0	3,198	2,121	.	26,116	32,892
34 Miscellaneous stamping and coating	334	836	9,232	6,381	.	17,534	37,459
41 Natural resources and extractive industries	218	.	.	.	.	4	17,844
51 Agricultural equipment	215	177	574	.	.	.	1,487
52 Non electrical machinery	66	430	.	.	.	.	1,569
53 Electrical machinery	.	.	.	3,879	.	1,052	4,931
54 Industrial packaging material	.	.	3,248	15,766	56	0	19,070
61 Pipes and tubes	44	0	143,897	3,278	.	2,827	150,046
62 Wire and wire products	563	.	0	141	.	51	34,013
63 Containers and closures	.	.	0	385	18,009	.	18,394
64 Appliances and utensils industries	.	.	.	5,948	.	2,566	8,514
70 Miscellaneous industries	253	.	.	.	.	.	253
Total domestic shipments	7,701	38,591	424,671	93,272	20,632	168,868	913,340
Total domestic alloy shipments	133	0	.	0	.	.	18,235
Exports² (for final sale)							
81 Exports to the United States	8,844	19,540	74,785	12,857	12,128	42,295	299,429
82 Exports to other countries (excluding United States)	.	537	7,771	3,383	1,049	11,227	93,731
Total disposition	16,545	58,668	507,227	109,512	33,809	222,390	1,306,500
Total alloy shipments	133	0	.	0	.	.	45,498
Producers interchange, for sale	.	.	1,933	x	.	.	62,013
Exports for conversion and return ²	.	.	588	.	.	.	588
Imports by producers (including conversion)	.	673	8,941	43	.	.	16,517

1. Compiled by principal consuming industries, according to distribution of shipments reported by iron and steel mills.

2. These data include exports reported by steel producers only and are not the same as published in the Exports by commodities, catalogue number 65-004-XPB.

3. Effective January 2000, producers have changed the way they report hot rolled products. The result is a change in definitions. Plates including plates for pipes and tubes becomes plates. Hot rolled sheet and strip becomes hot rolled sheets and coils and now includes all hot rolled flat products in coils, regardless of thickness.

Table 1-2

Steel primary forms and pig iron — Disposition of net shipments¹ of rolled steel products, by product, year-to-date 2005

SDC No.	Steel primary forms	Rails and heavy structural sections	Intermediate structural sections	Light structural sections	Concrete reinforcing bars	Other hot rolled bars	Wire rods	Railway track material
metric tonnes								
Domestic shipments								
11 Steel service centres and other wholesalers and warehouses	3	8,227	19,695	22,544	10,446	70,682	73	.
21 Motor vehicles and parts	.	.	.	.	.	74,284	221	.
22 Railway operating	.	.	.	.	.	0	.	.
23 Railroad cars and locomotives	.	1,073	.	.	.	.	.	.
24 Shipbuilding	.	.	.	.	.	.	.	.
31 Steel fabrication	0	1,215	2,811	8,525	50,089	42,385	0	.
32 Metal building systems	.	.	.	.	.	77	.	.
33 Contractors' products	.	.	.	.	775	2,149	398	.
34 Miscellaneous stamping and coating	.	0	1,098	715	.	6,487	.	.
41 Natural resources and extractive industries	.	.	0	.	2,052	45,253	.	.
51 Agricultural equipment	.	12	13	23	.	1,386	.	.
52 Non electrical machinery	.	17	9	0	.	2,674	0	.
53 Electrical machinery	.	.	.	.	.	172	.	.
54 Industrial packaging material	.	.	.	.	.	.	.	.
61 Pipes and tubes	.	.	.	.	.	0	.	.
62 Wire and wire products	0	.	.	.	0	15,409	81,207	.
63 Containers and closures	.	.	.	.	.	.	.	.
64 Appliances and utensils industries	.	.	.	.	.	.	.	.
70 Miscellaneous industries	.	.	.	.	.	.	.	.
Total domestic shipments	3	10,544	23,626	31,807	63,362	260,958	81,899	..
Total domestic alloy shipments	.	.	.	.	.	54,961	0	.
Exports ² (for final sale)								
81 Exports to the United States	81,191	4,812	31,498	27,156	0	139,358	93,892	.
82 Exports to other countries (excluding United States)	67,785	..	302	.	.	55,893	777	.
Total disposition	148,979	15,400	55,426	58,963	63,362	456,209	176,568	..
Total alloy shipments	.	.	.	.	.	136,962	0	.
Producers interchange, for sale	x	.	.	.	.	6,258	66	.
Exports for conversion and return ²	.	.	.	.	.	.	.	.
Imports by producers (including conversion)	54,293	.	.	.	.	.	0	.

See footnotes at the end of the table.

Table 1-2 – continued

Steel primary forms and pig iron — Disposition of net shipments¹ of rolled steel products, by product, year-to-date 2005

SDC No.	Cold finished bars	Plates ³	Hot rolled sheets and coils	Cold reduced sheets and strip and other cold rolled and coated	Tin plate and tin free steel (T.F.S.)	Galvanized sheets including galvalume	Total, rolled steel products
metric tonnes							
Domestic shipments							
11 Steel service centres and other wholesalers and warehouses	8,199	78,577	428,434	104,160	6,977	122,255	880,272
21 Motor vehicles and parts	7,635	0	284,963	62,530	.	202,552	632,185
22 Railway operating	.	0	.	.	.	.	0
23 Railroad cars and locomotives	.	8,036	0	.	.	.	9,109
24 Shipbuilding	.	.	.	.	.	.	.
31 Steel fabrication	356	16,134	14,167	1,039	.	1,667	138,388
32 Metal building systems	.	.	.	.	.	11,162	13,083
33 Contractors' products	111	253	11,312	5,887	.	74,164	95,049
34 Miscellaneous stamping and coating	1,010	1,822	23,656	21,440	.	46,260	102,488
41 Natural resources and extractive industries	432	.	.	.	.	86	47,823
51 Agricultural equipment	640	771	1,282	.	.	.	4,127
52 Non electrical machinery	204	980	.	.	.	.	3,884
53 Electrical machinery	.	.	.	7,094	.	2,661	9,927
54 Industrial packaging material	.	.	6,782	40,789	231	15	47,817
61 Pipes and tubes	222	0	392,697	9,628	.	7,716	410,263
62 Wire and wire products	1,687	.	0	408	.	119	98,830
63 Containers and closures	.	.	0	746	44,493	.	45,239
64 Appliances and utensils industries	.	.	.	15,366	.	7,130	22,496
70 Miscellaneous industries	760	.	.	.	.	.	760
Total domestic shipments	21,256	106,573	1,165,137	269,087	51,701	475,787	2,561,740
Total domestic alloy shipments	452	0	.	0	.	.	55,413
Exports² (for final sale)							
81 Exports to the United States	25,575	50,488	183,179	32,666	27,696	123,060	820,571
82 Exports to other countries (excluding United States)	.	3,333	15,788	6,163	3,874	25,660	179,619
Total disposition	46,831	160,394	1,364,104	307,916	83,271	624,507	3,561,930
Total alloy shipments	452	0	.	0	.	.	137,414
Producers interchange, for sale	.	.	3,979	x	.	.	175,623
Exports for conversion and return ²	.	.	2,059	.	.	.	2,059
Imports by producers (including conversion)	.	2,952	38,589	373	.	.	96,207

1. Compiled by principal consuming industries, according to distribution of shipments reported by iron and steel mills.

2. These data include exports reported by steel producers only and are not the same as published in the Exports by commodities, catalogue number 65-004-XPB.

3. Effective January 2000, producers have changed the way they report hot rolled products. The result is a change in definitions. Plates including plates for pipes and tubes becomes plates. Hot rolled sheet and strip becomes hot rolled sheets and coils and now includes all hot rolled flat products in coils, regardless of thickness.

Table 1-3

Steel primary forms and pig iron — Production of pig iron

	March		Year-to-date	
	2004	2005	2004	2005
metric tonnes				
Production of pig iron	759,584	716,125	2,197,080	2,110,771

Table 1-4

Steel primary forms and pig iron — Pig iron and scrap charged to steel furnaces

	March		Year-to-date	
	2004	2005	2004	2005
	metric tonnes			
Pig iron including pre-reduced iron	808,517	769,553	2,310,882	2,269,529
Scrap				
Own make	202,733	217,300	601,965	604,296
Purchased	554,599	536,797	1,631,526	1,573,772
Total, pig iron and scrap products	1,565,849	1,523,650	4,544,373	4,447,597

Table 1-5

Steel primary forms and pig iron — Production and shipments of steel, primary forms, monthly

	Production		Shipments	
	2004	2005	2004	2005
	metric tonnes			
March				
Steel, primary forms (carbon and alloy including continuous cast steel)				
Electric furnace	572,815	581,413	40,564	99,952
Basic oxygen furnace	831,807	788,085	x	9,286
Steel, primary forms - Total	1,404,622	1,369,498	x	109,238
Included in "Steel primary forms total" above				
Continuous cast steel	1,396,364	1,352,591	x	104,721

Table 1-6

Steel primary forms and pig iron — Production and shipments of steel, primary forms, year-to-date

	Production		Shipments	
	2004	2005	2004	2005
	metric tonnes			
Steel, primary forms (carbon and alloy including continuous cast steel)				
Electric furnace	1,664,292	1,689,257	x	243,763
Basic oxygen furnace	2,432,360	2,311,405	x	26,404
Steel, primary forms - Total	4,096,652	4,000,662	x	270,167
Included in "Steel primary forms total" above				
Continuous cast steel	4,061,631	3,953,317	x	257,465

Table 2-1

Steel pipe and tubing — Production and shipments, monthly 2005

	Production	Shipments for sale		Total shipments
		Domestic shipments ¹	Exports ²	
metric tonnes				
March				
Total, pipe and tubing	241,654	139,429	96,415	235,844
Pipe welded and seamless				
Line pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	8,922	8,179	105	8,284
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	10,232	7,861	0	7,861
over 16" (40.64 cm) outside diameter	16,491	88	16,357	16,445
Hollow structural sections				
up to and including 16" (40.64 cm) periphery	27,019	13,456	13,858	27,314
over 16" (40.64 cm) periphery	43,845	15,255	26,955	42,210
Standard pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	4,713	1,548	3,997	5,545
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	2,998	830	690	1,520
Other pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	1,536	1,112	213	1,325
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	2,878	2,544	x	x
over 16" (40.64 cm) outside diameter	4,891	1,009	x	x
Mechanical tubing				
Mechanical tubing, welded, produced from hot rolled	32,054	20,603	11,221	31,824
Mechanical tubing, welded, produced from cold rolled	15,683	7,597	2,800	10,397
Oil country tubular goods				
Oil country tubular goods, welded and seamless, casing (including coupling)	57,702	49,003	15,309	64,312
Oil country tubular goods, welded and seamless, oilwell tubing (including coupling)	9,514	7,277	1,673	8,950
Other tubular products	3,176	3,067	1,896	4,963

1. Including for own use by the steel pipe and tubing industries.

2. As reported by respondents to this survey. For total exports see Exports by commodity, catalogue number 65-004-XPB.

Table 2-2

Steel pipe and tubing — Production and shipments, year-to-date 2005

	Production	Shipments for sale		Total shipments
		Domestic shipments ¹	Exports ²	
metric tonnes				
Year-to-date				
Total, pipe and tubing	699,495	436,897	238,541	675,438
Pipe welded and seamless				
Line pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	28,025	24,551	350	24,901
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	45,094	41,220	0	41,220
over 16" (40.64 cm) outside diameter	29,299	111	27,676	27,787
Hollow structural sections				
up to and including 16" (40.64 cm) periphery	81,940	43,453	41,171	84,624
over 16" (40.64 cm) periphery	133,512	45,070	82,954	128,024
Standard pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	13,762	5,197	9,815	15,012
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	3,746	1,546	1,157	2,703
Other pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	8,447	x	456	x
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	7,517	7,507	x	x
over 16" (40.64 cm) outside diameter	7,615	x	x	x
Mechanical tubing				
Mechanical tubing, welded, produced from hot rolled	95,368	62,018	30,621	92,639
Mechanical tubing, welded, produced from cold rolled	45,552	21,533	8,072	29,605
Oil country tubular goods				
Oil country tubular goods, welded and seamless, casing (including coupling)	156,840	145,712	x	x
Oil country tubular goods, welded and seamless, oilwell tubing (including coupling)	35,817	24,698	x	x
Other tubular products	6,961	8,473	6,237	14,710

1. Including for own use by the steel pipe and tubing industries.

2. As reported by respondents to this survey. For total exports see Exports by commodity, catalogue number 65-004-XPB.

Table 3-1

Steel and specified wire products — Factory shipments¹, monthly

	Shipments				Production
	2004	2005			
		Total shipments	Domestic shipments	Exports ²	
metric tonnes					
March					
Barbed wire	x	x	x	x	.
Uncoated steel wire	30,130	22,700	12,832	9,868	.
Galvanized steel wire	17,714	12,077	5,464	6,613	.
Other coated steel wire	x	x	x	x	.
Farm fencing and wire chain link fabric	1,547	1,256	x	x	915
Wire mesh, bright or uncoated and galvanized	4,975	3,933	x	x	4,415
Wire rope	4,407	3,825	x	x	3,598
Nails and staples	x	6,440	3,035	3,405	6,953
Wire roofing nails of a length of 25 mm or more, iron or steel	9,573	6,227	2,822	3,405	6,740
Staples of iron or steel	x	x	x	0	x
All other wire products	x	x	x	x	x
Grand total	74,309	55,824	33,518	22,306	.

1. Totals may not add due to rounding.

2. As reported by respondents to this survey. For total exports see Exports by commodity, catalogue number 65-004-XPB.

Table 3-2

Steel and specified wire products — Factory shipments¹, year-to-date

	Shipments				Production
	2004	2005			
		Total shipments	Domestic shipments	Exports ²	
metric tonnes					
Barbed wire	x	x	x	x	.
Uncoated steel wire	82,109	66,749	36,776	29,973	.
Galvanized steel wire	49,167	38,053	15,524	22,529	.
Other coated steel wire	x	x	x	x	.
Farm fencing and wire chain link fabric	2,880	2,792	x	x	2,263
Wire mesh, bright or uncoated and galvanized	12,285	9,753	x	x	11,401
Wire rope	11,645	9,706	x	x	9,259
Nails and staples	x	16,999	x	x	17,989
Wire roofing nails of a length of 25 mm or more, iron or steel	24,715	x	x	x	x
Staples of iron or steel	x	x	x	x	x
All other wire products	x	x	x	x	x
Grand total	195,859	156,222	88,223	67,999	.

1. Totals may not add due to rounding.

2. As reported by respondents to this survey. For total exports see Exports by commodity, catalogue number 65-004-XPB.

Concepts, methodology and data quality

This publication presents the results of four monthly surveys: Steel, Primary Forms, Steel Castings and Pig Iron; Ingots and Rolled Steel products; Steel Pipe and Tubing; and Steel Wire and Specified Wire Products. These surveys measure, on a monthly basis, the quantities of selected steel products that are produced and shipped by Canadian manufacturers. The target population for these surveys includes manufacturers, in Canada of primary steel, steel products, pig iron, steel pipe and tubing as well as, steel wire as defined in the Standard Classification of Goods (SCG) reporting these products to the Annual Survey of Manufactures (Survey ID 2103). This methodology does not necessarily mean that the estimates from the monthly surveys cover the entire universe because the ASM does not survey all manufacturers. Rather, the ASM uses either administrative data or will impute for the small- and medium-sized manufacturers. In either case, these manufacturers are not part of the four monthly surveys.

General methodology

Data are collected monthly using a mail-out / mail-back process. Respondents are mailed a questionnaire but given the option of electronic data reporting (EDR) in a common format. Received data are subject to manual and automated editing to detect errors and inconsistencies as well as to follow-up with respondents by phone or fax if necessary. Follow-up is also carried out for missing reports after a pre-specified period of time. Data are imputed when they are missing. Various confidentiality rules are applied to all data before they are released to prevent the publication or disclosure of any information deemed confidential. If necessary, data are suppressed to prevent direct or residual disclosure of identifiable data.

Under normal circumstances, data are collected, captured, edited, tabulated and published within 6-8 weeks after the reference month.

Revisions

Data may be revised to include amended information or reports from respondents that are received after the end of a collection cycle. Revisions are disseminated in subsequent periods and reflected in the CANSIM series and in the year-to-date totals in this publication.

Data accuracy

The methodology of these surveys has been designed to promote data accuracy. Since data are collected from all Canadian producers of primary steel, steel products, pig iron, steel pipe and tubing and steel wire, the resulting estimates are not subject to sampling error. However, the results are still subject to the non-sampling errors associated with coverage, non-response, inaccurate reporting, and processing. Errors relating to coverage and non-response can be measured and are summarized in text table 1. All attempts are made to control inaccurate reporting and processing errors.

Moreover, the data are analyzed for consistency and compared with general economic conditions and industry trends using surveys such as the Steel Primary Forms Weekly survey (Survey ID 2131) and the Monthly Survey of Manufacturing (Survey ID 2101).

Coverage errors

The list of businesses included in the four steel surveys is derived from the Annual Survey of Manufactures (ASM). This leads to some under-coverage in the sub-annual surveys since it takes 15 months to compile and publish ASM survey results. This under-coverage is however, kept at a minimum by using advance information from the ASM frame, feedback from the Monthly Survey of Manufactures (MSM) and other sources such as the Steel producers association, trade journals and newspaper articles.

Non-response

Some respondents may be unable to provide data for numerous reasons (i.e. fire, theft, strike, economic hardship, etc.), while others may be late in responding. To minimize non-response, delinquent respondents are followed up rigorously by phone or FAX. Data for non-responding units are imputed using industry trend and other related information. Data are revised at a later date, if completed questionnaires are received after the end of a collection cycle.

Inaccurate response

This error may result from poor questionnaire design or an inability on the part of respondents to provide the requested information or from misinterpretation of the survey questions because of definitional difficulties. To reduce such errors the format and wording in the questionnaire is reviewed from time to time and modified based on feedback from survey respondents and data users. Respondents are also reminded of the importance of their contribution and of the accuracy of reported information.

Processing errors

These errors may occur at various stages in the processing of survey data such as data entry, verification, editing and tabulation. Data are examined for such errors using automated edits along with an analytical review by subject matter experts. Several checks are performed on the collected data to verify internal consistency and comparability over time. (see text table 1)

Text table 1

Coverage ratio and non-response rate by survey

	Coverage ratio	Non-response rate
	%	
Steel, Primary forms steel castings and Pig iron	91	11
Ingots and Rolled steel products	98	18
Steel pipe and tubing	82	2
Steel wire	92	2

Definitions

Shipments:

Shipments refer to the quantity of manufactured goods that are shipped, during the reference period from the plant to customers in domestic or export markets.

Production:

Production refers to the quantity of goods manufactured during a reference period. These goods may be shipped or retained in inventory.

Exports:

Shipments of goods destined for customers outside of Canada.

Disposition of shipments:

Disposition of shipments refers to the distribution of shipped quantities of manufactured goods by end use (market).

Coverage ratio:

The share of total ASM shipment values for products included in a given sub-annual survey from businesses surveyed by the same sub-annual survey.

Non-response rate:

Number of non-responses in the year, divided by the number of total expected responses in the year.

More detailed information is available from the Annual Survey of Manufactures, CANSIM Table 301-0003. Specific enquiries should be directed to: The Marketing and Dissemination Section, Manufacturing, Construction and Energy Division, Statistics Canada, Ottawa, Ontario, K1A 0T6 (Telephone: 1-866-873-8789 or 613-951-9497; Fax line: 613-951-9499; Internet: manufact@statcan.ca) .