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Steel, Tubular Products and Steel Wire

July 2007



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Statistics Canada
Manufacturing, Construction and Energy Division

Steel, Tubular Products and Steel Wire

July 2007

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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
- 0s 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

July 2007

- Monthly production of primary steel and pig iron fell 17.6% in July 2007 to 1,121,552 metric tonnes.
- In the same month, the total disposition of shipments of rolled steel products dropped 12.4% to 1,058,573 metric tonnes.
- Between June 2007 and July 2007, production of steel pipe and tubing dropped 33.1% to 154,790 metric tonnes.
- Total shipments of steel wire and specified wire products fell 16.8% to 39,665 metric tonnes in July 2007.

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 shipments ¹ of rolled steel products, by product, monthly 2007

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								
July								
Domestic shipments								
11 Steel service centres and other wholesalers and warehouses	682	2,386	6,366	6,204	3,455	15,072	4,200	.
21 Motor vehicles and parts	182	.	.	.	.	7,892	0	.
22 Railway operating	0	.	.	.	.	0	0	.
23 Railroad cars and locomotives	.	335	.	.	.	.	.	.
24 Shipbuilding	0	.	.	.	.	.	.	.
31 Steel fabrication	0	541	2,263	3,954	30,532	12,392	0	.
32 Metal building systems	.	.	.	.	0	0	.	.
33 Contractors' products	.	.	0	.	0	37	186	.
34 Miscellaneous stamping and coating	0	29	662	606	.	540	.	.
41 Natural resources and extractive industries	.	.	0	0	587	668	0	.
51 Agricultural equipment	.	0	6	0	0	134	.	.
52 Non electrical machinery	.	28	0	0	.	116	0	.
53 Electrical machinery	.	.	.	.	.	0	.	.
54 Industrial packaging material	.	.	.	.	.	0	.	.
61 Pipes and tubes	.	.	.	.	.	0	.	.
62 Wire and wire products	142	.	.	.	0	2,043	19,799	.
63 Containers and closures	.	.	.	.	.	.	.	.
64 Appliances and utensils industries	.	.	.	.	.	.	.	.
70 Miscellaneous industries	.	.	.	.	0	627	.	.
Total domestic shipments	1,006	3,319	9,297	10,764	34,574	39,521	24,185	0
Total domestic alloy shipments	0	.	.	.	.	8,145	0	.
Exports ² (for final sale)								
81 Exports to the United States	x	2,213	9,684	7,430	28	23,319	36,289	.
82 Exports to other countries (excluding United States)	x	0	119	.	0	26,976	1,434	0
Total disposition	95,937	5,532	19,100	18,194	34,602	89,816	61,908	0
Total alloy shipments	0	.	.	.	.	14,011	0	.
Producers interchange, for sale	x	.	0	.	.	69	7	.
Exports for conversion and return ²	.	.	.	.	.	0	.	.
Imports by producers (including conversion)	20	.	.	.	.	.	0	.

See footnotes at the end of the table.

Table 1-1 – continued

Steel primary forms and pig iron — Disposition of net shipments ¹ of rolled steel products, by product, monthly 2007

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							
July							
Domestic shipments							
11 Steel service centres and other wholesalers and warehouses	2,260	26,126	121,292	23,676	1,457	28,197	241,373
21 Motor vehicles and parts	1,649	0	51,011	10,618	.	43,670	115,022
22 Railway operating	.	0	.	.	.	.	0
23 Railroad cars and locomotives	.	667	0	.	.	.	1,002
24 Shipbuilding	.	.	.	.	.	.	0
31 Steel fabrication	85	4,750	3,327	0	.	1,264	59,108
32 Metal building systems	.	.	0	.	.	2,863	2,863
33 Contractors' products	112	186	4,462	1,386	.	33,184	39,553
34 Miscellaneous stamping and coating	270	0	2,727	4,999	.	16,984	26,817
41 Natural resources and extractive industries	33	0	0	0	.	0	1,288
51 Agricultural equipment	65	212	68	2	.	.	487
52 Non electrical machinery	28	410	342	0	.	.	924
53 Electrical machinery	.	.	.	2,026	.	1,597	3,623
54 Industrial packaging material	.	.	821	7,253	12	0	8,086
61 Pipes and tubes	36	0	122,788	2,379	.	2,171	127,374
62 Wire and wire products	197	.	641	96	.	0	22,918
63 Containers and closures	190	.	680	304	12,170	.	13,344
64 Appliances and utensils industries	.	.	.	5,564	.	2,518	8,082
70 Miscellaneous industries	225	.	.	.	.	.	852
Total domestic shipments	5,150	32,351	308,159	58,303	13,639	132,448	672,716
Total domestic alloy shipments	236	0	.	0	.	.	8,381
Exports ² (for final sale)							
81 Exports to the United States	5,922	18,812	76,739	x	4,870	35,205	316,215
82 Exports to other countries (excluding United States)	.	3,529	7,602	x	1,065	14,765	69,642
Total disposition	11,072	54,692	392,500	73,228	19,574	182,418	1,058,573
Total alloy shipments	0	0	.	0	.	.	14,011
Producers interchange, for sale	83	.	1,043	x	.	.	71,704
Exports for conversion and return ²	.	.	0	0	.	0	0
Imports by producers (including conversion)	.	7,388	5,355	0	.	0	12,763

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 shipments ¹ of rolled steel products, by product, year-to-date 2007

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	1,500	24,256	61,253	48,128	26,402	132,913	9,373	.
21 Motor vehicles and parts	1,316	.	.	.	.	113,348	968	.
22 Railway operating	.	.	.	.	.	0	.	.
23 Railroad cars and locomotives	.	3,278	.	.	.	.	.	.
24 Shipbuilding	0	.	.	.	.	.	.	.
31 Steel fabrication	63	7,337	12,604	27,168	234,461	107,839	0	.
32 Metal building systems	.	.	.	.	0	0	.	.
33 Contractors' products	.	.	0	.	789	2,002	762	.
34 Miscellaneous stamping and coating	0	163	3,745	2,907	.	12,013	.	.
41 Natural resources and extractive industries	.	.	81	36	7,077	68,199	0	.
51 Agricultural equipment	.	12	15	87	20	1,949	.	.
52 Non electrical machinery	.	64	0	0	.	2,810	0	.
53 Electrical machinery	.	.	.	.	.	0	.	.
54 Industrial packaging material	.	.	.	.	.	0	.	.
61 Pipes and tubes	.	.	.	.	.	0	.	.
62 Wire and wire products	1,244	.	.	.	0	17,216	169,795	.
63 Containers and closures	.	.	.	.	.	.	.	.
64 Appliances and utensils industries	.	.	.	.	.	.	.	.
70 Miscellaneous industries	.	.	.	.	0	967	.	.
Total domestic shipments	4,123	35,110	77,698	78,326	268,749	459,256	180,898	0
Total domestic alloy shipments	63	.	.	.	.	139,771	0	.
Exports ² (for final sale)								
81 Exports to the United States	x	17,802	86,153	60,080	13,092	265,297	261,690	.
82 Exports to other countries (excluding United States)	x	78	1,117	.	0	131,930	6,597	0
Total disposition	x	52,990	164,968	138,406	281,841	856,483	449,185	0
Total alloy shipments	63	.	.	.	.	239,859	0	.
Producers interchange, for sale	x	.	0	.	.	10,238	215	.
Exports for conversion and return ²	.	.	.	.	.	0	.	.
Imports by producers (including conversion)	21,593	.	.	.	.	.	0	.

See footnotes at the end of the table.

Table 1-2 – continued

Steel primary forms and pig iron — Disposition of net shipments ¹ of rolled steel products, by product, year-to-date 2007

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	19,684	226,938	1,107,299	274,626	15,043	299,005	2,246,420
21 Motor vehicles and parts	14,878	0	493,311	100,101	.	383,551	1,107,473
22 Railway operating	.	0	.	.	.	.	0
23 Railroad cars and locomotives	.	6,866	-19	.	.	.	10,125
24 Shipbuilding	.	.	.	.	.	.	0
31 Steel fabrication	639	40,293	32,575	339	.	5,771	469,089
32 Metal building systems	.	.	0	.	.	19,706	19,706
33 Contractors' products	590	441	33,136	15,785	.	226,736	280,241
34 Miscellaneous stamping and coating	1,792	2,677	50,321	33,454	.	129,827	236,899
41 Natural resources and extractive industries	369	12	28	0	.	1	75,803
51 Agricultural equipment	739	2,101	3,879	587	.	.	9,389
52 Non electrical machinery	240	1,595	2,327	0	.	.	7,036
53 Electrical machinery	.	.	.	24,185	.	11,099	35,284
54 Industrial packaging material	.	.	12,741	71,132	232	0	84,105
61 Pipes and tubes	378	0	1,101,615	18,922	.	14,649	1,135,564
62 Wire and wire products	3,136	.	5,800	722	.	158	198,071
63 Containers and closures	190	.	5,818	1,561	64,848	.	72,417
64 Appliances and utensils industries	.	.	.	42,001	.	19,507	61,508
70 Miscellaneous industries	1,878	.	.	.	.	.	2,845
Total domestic shipments	44,513	280,923	2,848,831	583,415	80,123	1,110,010	6,051,975
Total domestic alloy shipments	1,482	0	.	0	.	.	141,316
Exports ² (for final sale)							
81 Exports to the United States	50,899	142,898	644,209	x	76,586	x	2,238,264
82 Exports to other countries (excluding United States)	.	11,817	43,023	x	8,615	x	380,372
Total disposition	95,412	435,638	3,536,063	x	165,324	1,429,070	8,670,611
Total alloy shipments	1,246	0	.	0	.	.	241,168
Producers interchange, for sale	83	.	35,507	x	.	.	565,115
Exports for conversion and return ²	.	.	0	0	.	0	0
Imports by producers (including conversion)	.	29,103	62,182	29,796	.	0	142,674

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

	July		Year-to-date	
	2006	2007	2006	2007
metric tonnes				
Production of pig iron	748,336	466,275	5,138,012	4,876,606

Table 1-4
Steel primary forms and pig iron — Pig iron and scrap charged to steel furnaces

	July		Year-to-date	
	2006	2007	2006	2007
	metric tonnes			
Pig iron including pre-reduced iron	767,679	672,217	5,338,630	5,239,528
Scrap				
Own make	178,423	114,820	1,218,160	1,114,690
Purchased	534,537	442,892	3,671,329	3,793,442
Total, pig iron and scrap products	1,480,639	1,229,929	10,228,119	10,147,661

Table 1-5
Steel primary forms and pig iron — Production and shipments of steel, primary forms, monthly

	Production		Shipments	
	2006	2007	2006	2007
	metric tonnes			
July				
Steel, primary forms (carbon and alloy including continuous cast steel)				
Electric furnace	549,041	438,365	88,302	70,974
Basic oxygen furnace	791,374	683,187	18,149	85,036
Steel, primary forms - Total	1,340,415	1,121,552	106,451	156,010
Included in "Steel primary forms total" above				
Continuous cast steel	1,324,362	1,105,394	102,341	151,792

Table 1-6
Steel primary forms and pig iron — Production and shipments of steel, primary forms, year-to-date

	Production		Shipments	
	2006	2007	2006	2007
	metric tonnes			
Steel, primary forms (carbon and alloy including continuous cast steel)				
Electric furnace	3,823,129	3,794,702	x	611,454
Basic oxygen furnace	5,530,665	5,429,667	x	303,642
Steel, primary forms - Total	9,353,794	9,224,369	x	915,096
Included in "Steel primary forms total" above				
Continuous cast steel	9,234,461	9,114,583	x	884,035

Table 2-1
Steel pipe and tubing — Production and shipments, monthly 2007

	Production	Shipments for sale		Total shipments
		Domestic ¹ shipments	Exports ²	
metric tonnes				
July				
Total, pipe and tubing	154,790	97,372	111,371	208,743
Pipe welded and seamless				
Line pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	488	2,384	0	2,384
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	2,925	4,961	464	5,425
over 16" (40.64 cm) outside diameter	28,866	2,474	44,048	46,522
Hollow structural sections				
up to and including 16" (40.64 cm) periphery	17,835	8,050	8,349	16,399
over 16" (40.64 cm) periphery	42,423	13,640	28,020	41,660
Standard pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	1,564	1,329	2,911	4,240
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	1,898	1,430	793	2,223
Other pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	464	406	472	878
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	480	576	16	592
over 16" (40.64 cm) outside diameter	1,273	558	385	943
Mechanical tubing				
Mechanical tubing, welded, produced from hot rolled	20,754	13,672	6,954	20,626
Mechanical tubing, welded, produced from cold rolled	10,397	4,358	2,303	6,661
Oil country tubular goods				
Oil country tubular goods, welded and seamless, casing (including coupling)	19,346	x	x	49,751
Oil country tubular goods, welded and seamless, oilwell tubing (including coupling)	5,434	5,454	2,904	8,358
Other tubular products	x	x	x	2,081

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 2007

	Production	Shipments for sale		Total shipments
		Domestic ¹ shipments	Exports ²	
metric tonnes				
Year-to-date				
Total, pipe and tubing	1,558,084	862,486	809,615	1,672,101
Pipe welded and seamless				
Line pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	14,966	19,478	144	19,622
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	26,769	30,677	6,937	37,614
over 16" (40.64 cm) outside diameter	337,441	93,463	295,127	388,590
Hollow structural sections				
up to and including 16" (40.64 cm) periphery	149,139	78,896	73,040	151,936
over 16" (40.64 cm) periphery	348,757	111,200	231,211	342,411
Standard pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	28,930	15,810	19,307	35,117
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	10,723	14,153	6,430	20,583
Other pipe				
up to and including 4 1/2" (11.43 cm) outside diameter	16,920	4,838	1,742	6,580
over 4 1/2" (11.43 cm) up to and including 16" (40.64 cm) outside diameter	17,331	10,305	198	10,503
over 16" (40.64 cm) outside diameter	16,541	8,224	1,750	9,974
Mechanical tubing				
Mechanical tubing, welded, produced from hot rolled	196,135	128,413	57,497	185,910
Mechanical tubing, welded, produced from cold rolled	103,367	41,516	22,779	64,295
Oil country tubular goods				
Oil country tubular goods, welded and seamless, casing (including coupling)	246,002	x	x	x
Oil country tubular goods, welded and seamless, oilwell tubing (including coupling)	38,780	46,161	x	x
Other tubular products	x	x	x	x

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 shipments 1, monthly

	Shipments				Production
	2006	2007			
		Total shipments	Domestic shipments	Exports ²	
	metric tonnes				
July					
Barbed wire	364	x	x	x	.
Uncoated steel wire	13,538	14,569	8,141	6,428	.
Galvanized steel wire	11,613	11,915	4,392	7,523	.
Other coated steel wire	x	x	x	x	.
Farm fencing and wire chain link fabric	848	948	x	x	873
Wire mesh, bright or uncoated and galvanized	4,261	4,225	x	x	4,444
Wire rope	2,219	1,803	x	x	1,955
Nails and staples	x	4,509	x	x	x
Wire roofing nails of a length of 25 mm or more, iron or steel	3,926	4,418	x	x	x
Staples of iron or steel	x	91	x	x	x
All other wire products	x	x	x	2	x
Grand total	39,437	39,665	21,887	17,778	.

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 shipments 1, year-to-date

	Shipments				Production
	2006	2007			
		Total shipments	Domestic shipments	Exports ²	
	metric tonnes				
Barbed wire	x	x	x	x	.
Uncoated steel wire	132,981	120,840	68,405	52,435	.
Galvanized steel wire	95,486	91,104	38,091	53,013	.
Other coated steel wire	x	x	x	x	.
Farm fencing and wire chain link fabric	7,322	x	x	x	x
Wire mesh, bright or uncoated and galvanized	28,497	31,747	x	x	32,334
Wire rope	x	21,211	x	x	20,611
Nails and staples	x	x	x	x	x
Wire roofing nails of a length of 25 mm or more, iron or steel	33,953	31,517	x	x	x
Staples of iron or steel	x	x	x	x	x
All other wire products	x	x	x	x	x
Grand total	344,298	322,882	186,533	136,349	.

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) that report these products to the Annual Survey of Manufactures and Logging or ASML (Survey ID 2103). This means that estimates from the monthly surveys do not cover the entire universe of steel producers in Canada because the ASML does not survey all businesses. Instead, the ASML uses administrative data to cover the small and medium-sized establishments. These manufacturers are not part of the four monthly surveys.

General methodology

Data are collected each month, directly from survey respondents using a mail-out / mail-back process. Data capture and preliminary editing are performed simultaneously to ensure validity of the data. Businesses from whom no response has been received or whose data may contain errors are followed-up by telephone or fax.

Missing data for the current month are imputed automatically by applying to the previous month's value, the month-to-month change observed for the same period in the previous year, for the unit in question. However, an option exists for analysts to manually override this imputation with a better estimate based on pertinent knowledge about the industry or the business.

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 the direct or residual disclosure of identifiable data.

Direct disclosure could occur when the value in a tabulation cell is composed of a few respondents or when the cell is dominated by a few companies. Residual disclosure could occur when confidential information can be derived indirectly by piecing together information from different sources or data series.

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 tables of 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 within the target population, 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, survey results are analyzed to ensure comparability with patterns observed in historical data series and the economic condition of the industry. Information available from other sources such as the Steel Primary Forms Weekly Survey (Survey ID 2131) and the Monthly Survey of Manufacturing or MSM (Survey ID 2101) are also used in the validation process.

Coverage error

There is a degree of under coverage (referred to as coverage error) in the survey results as there is generally a lag between the time a new business comes into existence and when it is included in the universe of these sub-annual surveys. This occurs because the list of businesses surveyed is derived from the latest available survey results for the ASML which are not available until 15 months after the reference period.

This error is kept at a minimum by also using advance information from the ASML frame, feedback from the MSM and other sources such as the Canadian Steel Producer's Association, trade journals and newspaper articles, to identify new survey units.

Non-response error

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

Inaccuracy 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. To reduce such errors the format and wording in the questionnaire are 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 need for accurate data reporting.

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.

Text table 1
Coverage and non-response errors

	Coverage error based on ASML 2004	Non-response error- annual average 2005
	percent	
Steel primary forms steel castings and pig iron	0	6
Ingots and rolled steel products	3	0
Steel pipe and tubing	0	0
Steel wire	0	0

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 in Canada during a reference period including intermediate products. The final 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 and Logging, 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: (613) 951-9499; Internet: manufact@statcan.ca).