



Industrial Chemicals and Synthetic Resins

June 2004



Vol. 47, no. 6

All prices exclude sales tax

Catalogue no. 46-002-XIE, is available on internet monthly for \$6.00 cdn per issue or \$51.00 cdn for a one year subscription.

A Print-on-Demand service is also available for \$40.00 cdn per issue or \$195.00 cdn for a one year subscription.

Frequency: Monthly / ISSN 1481-5354

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Table 1

Production of New Virgin Resin (Excluding Compounding or Colouring Ingredients), by Products, Canada

Product	SCG* Code	June 2003	Year-to-date 2003	June 2004	Year-to-date 2004	Year-to-date change 2004/2003
metric tonnes						%
Synthetic resins						
Polyethylene, low and linear low density ¹	3901.10, 3901.90.10	124,939	900,667	156,275	991,917	10.1
Polyethylene, high density	3901.20	75,667	713,629	122,793	752,572	5.5
Polyethylene, total²		200,606	1,614,296	279,068	1,744,489	8.1
Polystyrene and acrylonitrile-butadiene-styrene (abs) ³	3903.1, 3903.30	14,612	90,968	17,203	101,943	12.1
Polyvinyl chloride	3904.10	x	x	x	x	x
Polyesters, unsaturated	3907.91	14,262	68,138 ^r	9,143	53,628	-21.3

See footnote(s) at end of Table 2.

Selected data series are available on **CANSIM**, table 303-0014.

Manufacturing, Construction and Energy Division

August 2004

Note of appreciation

Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses and governments. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

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Table 2
Production of Industrial Chemicals, by product, Canada

Product	SCG* Code	June 2003	Year-to-date 2003	June 2004	Year-to-date 2004	Year-to-date change 2004/2003
		metric tonnes				%
Acids						
Hydrochloric (muriatic) acid, 100%	2806.10.20	11,460	76,940 ^r	13,961	80,343	4.4
Nitric acid, 100 %	2808.00.10	75,275	562,413	109,084	617,343	9.8
Phosphoric acid, wet process	2809.20	x	x	x	x	x
Sulphuric acid, all grades, including oleum, as 100%	2807	193,314	1,740,108 ^r	308,425	2,016,924	15.9
Other Industrial Chemical Products						
Aluminum sulphate (alum)	2833.22	14,673	82,838 ^r	15,478	79,441	-4.1
Ammonia, anhydrous, 100%	2814.10	333,722	2,295,138	360,017	2,505,010	9.1
Ammonium nitrate, all grades	3102.30	64,116	557,326	89,779	541,341 ^r	-2.9
Ammonium phosphate, all grades	3105.30	x	x	x	x	x
Butadiene	2901.24.10	21,821	137,411 ^r	22,484	146,430 ^r	6.6
Butylene	2901.23	17,105	119,254 ^r	22,221	119,383	0.1
Carbon black	2803	16,260	100,979	18,905	107,815	6.8
Chlorine	2801.10	76,897	503,931 ^r	86,101	516,391 ^r	2.5
Ethylene	2901.21	310,208	2,327,205 ^r	394,022	2,450,015 ^r	5.3
Formaldehyde, 100% solids basis	2912.11	20,033	117,213	22,883	132,009 ^r	12.6
Hydrogen peroxide, 100%	2847.00	17,729	115,372	19,387	119,490	3.6
Methyl alcohol (methanol)	2905.11	x	x	x	x	x
Propylene, as propylene in all grades	2901.22	69,832	465,644 ^r	77,102	466,419 ^r	0.2
Sodium chlorate	2829.11	91,407	559,430	94,319	574,836	2.8
Sodium hydroxide (caustic soda), as 100% NaOH	2815.1	82,228	541,302 ^r	93,770	559,576 ^r	3.4
Urea, all grades	3102.10	214,028	1,713,501	272,132	1,830,090	6.8
Benzene	2902.20	68,069	407,380	69,796	456,368	12.0
Toluene	2902.30	23,738	144,963 ^r	21,828	x	x
Xylene	2902.4	18,668	147,923	20,736	167,426	13.2
Zinc oxide	2817.00.1	x	x	x	x	x

Symbols

* Standard Classification of Goods (SCG) Code.

^r revised.

x suppressed to meet the confidentiality requirements of the Statistics Act.

¹ Polyethylene, low, and linear low densities combines two Standard Classification of Goods (SCG) codes: 3901.10, and 3901.90.10.² Polyethylene, low, linear low and high densities combines three Standard Classification of Goods (SCG) codes: 3901.10, 3901.90.10 and 3901.20.³ Polystyrene and acrylonitrile-butadiene-styrene (abs) combines two Standard Classification of Goods (SCG) codes: 3903.10 and 3903.30.**Note**

Coverage of the commodities listed above approximates 100% of the known production. Small amounts of occasional secondary production may not be measured.

Explanatory Notes

This survey measures **the production of specified commodities**. Data collected from this survey are important because they measure production of this industrial sector, providing an indication of the well being of this industry and its contribution to the Canadian economy. This survey is conducted under the secrecy provisions of the *Statistics Act*, which prohibit the publication of information, which can be related to any individual person, business or organization. The target population includes all major manufacturers. The survey frame is based mainly on the Annual Survey of Manufactures (ASM). Since the ASM lags behind this commodity survey, there is a risk of undercoverage but this should be minimal because of advance information from the ASM frame and feedback from the Monthly Survey of Manufacturing (MSM). The last break in these series occurred in 1988 with the introduction of the harmonized system (HS) coding system.

All survey data, from whatever source, are subject to error. The main sources of error are coverage error, response error, processing error and non-response error. Based on the 2000 ASM, production published in this survey account for 100% of the **total volume of these commodities produced**. On a monthly basis, late responses are imputed using a variety of methods, the most common being trend analysis.

Data presented in this publication were collected by a mail survey of all companies known to manufacture the products listed in Tables 1 & 2. The production figures for synthetic resins represent new virgin resins produced, and exclude compounding or coloring ingredients. For industrial chemicals, quantities include intermediate products made for use within the reporting establishment, in addition to those produced for sale.

Occasionally, revisions are made to the data after publication. All revisions are included in the year-to-date data published in subsequent issues. Normally revisions are restricted to the current and immediately preceding year, after this the data are considered final.

Data reported to the annual survey represent the 12 months corresponding to the fiscal year of the firms reporting. The annual publications report shipments while the monthly publication reports production. In recent years sampling methodology has been introduced to the annual survey and this may impact on the coverage of commodities.

For general information or to order data, contact the Dissemination Officer (1-866-873-8789; 613-951-9497; manufact@statcan.ca), Manufacturing, Construction and Energy Division.

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