



Industrial Chemicals and Synthetic Resins

August 2005



Vol. 48, no. 8

All prices exclude sales tax

This product, catalogue no. 46-002-XIE, is published monthly in electronic format at a price of CAN\$6.00 per issue and CAN\$51.00 for a one-year subscription. To obtain a single issue or to subscribe visit our website at www.statcan.ca and select Our Products and Services.

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	August	Year-to-date	August	Year-to-date	Year-to-date
		2004	2004	2005	2005	change 2005/2004
		metric tonnes				%
Synthetic resins						
Polyethylene, low and linear low density ¹	3901.10, 3901.90.10	157,292	1,321,222	184,794	x	x
Polyethylene, high density	3901.20	157,365	1,058,380	114,505	x	x
Polyethylene, total²		314,657	2,379,602	299,299	2,260,199	-5.0
Polystyrene and acrylonitrile-butadiene-styrene (abs) ³	3903.1, 3903.30	16,112	136,476	16,453	136,321	-0.1
Polyvinyl chloride	3904.10	x	x	x	x	x
Polyesters, unsaturated	3907.91	7,426	68,940	6,957	60,001	-13.0

See footnote(s) at end of Table 2.

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

Manufacturing, Construction and Energy Division

October 2005

Note of appreciation

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Table 2
Production of Industrial Chemicals, by product, Canada

Product	SCG* Code	August 2004	Year-to-date 2004	August 2005	Year-to-date 2005	Year-to-date change 2005/2004
metric tonnes						%
Acids						
Hydrochloric (muriatic) acid, 100%	2806.10.20	10,696	104,483	10,508	90,926	-13.0
Nitric acid, 100 %	2808.00.10	112,419	824,169	103,748	803,618	-2.5
Phosphoric acid, wet process	2809.20	x	x	x	x	x
Sulphuric acid, all grades, including oleum, as 100%	2807	283,996 ^r	2,589,612 ^r	291,949	2,452,646	-5.3
Other Industrial Chemical Products						
Aluminum sulphate (alum)	2833.22	14,077	108,930	15,915	118,934	9.2
Ammonia, anhydrous, 100%	2814.10	412,054	3,311,732	422,963	3,188,595	-3.7
Ammonium nitrate, all grades	3102.30	101,748	719,900 ^r	115,841	834,336	15.9
Ammonium phosphate, all grades	3105.30	x	x	x	x	x
Butadiene	2901.24.10	25,482 ^r	195,492 ^r	20,303	174,196	-10.9
Butylene	2901.23	23,527	166,479	22,670	163,607	-1.7
Carbon black	2803	19,410	144,033	20,843	156,220	8.5
Chlorine	2801.10	92,663 ^r	703,201 ^r	85,891	680,832	-3.2
Ethylene	2901.21	446,988 ^r	3,338,995 ^r	x	x	x
Formaldehyde, 100% solids basis	2912.11	24,315	179,359 ^r	21,301	x	x
Hydrogen peroxide, 100%	2847.00	21,609 ^r	161,293 ^r	21,424	165,942	2.9
Methyl alcohol (methanol)	2905.11	x	x	x	x	x
Propylene, as propylene in all grades	2901.22	82,369 ^r	630,008 ^r	74,500	558,363	-11.4
Sodium chlorate	2829.11	103,310	771,698	94,933	779,912	1.1
Sodium hydroxide (caustic soda), as 100% NaOH	2815.1	99,559 ^r	759,041 ^r	95,573	756,062	-0.4
Urea, all grades	3102.10	307,758	2,353,750	286,267	2,378,368	1.0
Benzene	2902.20	79,203	610,835	65,124	590,458	-3.3
Toluene	2902.30	18,526	x	13,553	140,909	x
Xylene	2902.4	36,084	237,101	13,917	206,869	-12.8
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-stryrene (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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