



Industrial Chemicals and Synthetic Resins

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Table 1

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

Product	SCG* Code	August 2002	Year-to-date 2002	August 2003	Year-to-date 2003	Year-to-date change 2003/2002
metric tonnes						%
Synthetic resins						
Polyethylene, low and linear low density ¹	3901.10, 3901.90.10	162,896 ^r	x	149,949	1,209,789	x
Polyethylene, high density	3901.20	108,775 ^r	x	110,618	941,427	x
Polyethylene, total²		271,671^r	2,179,476^r	260,567	2,151,216	-1.3
Polystyrene and acrylonitrile-butadiene-styrene (abs) ³	3903.10, 3903.30	16,011	131,980	14,664	121,358	-8.0
Polyvinyl chloride	3904.10	x	x	x	x	x
Polyesters, unsaturated	3907.91	8,215	77,027	7,801	88,957	15.5

See footnote(s) at end of Table 2.

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

Manufacturing, Construction and Energy Division

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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 change	SCG*	August	Year-to-date	August	Year-to-date	Year-to-date
	Code	2002	2002	2003	2003	2003/2002
metric tonnes						%
Acids						
Hydrochloric (muriatic) acid, 100%	2806.10.20	12,271	100,243	12,538	102,094	1.8
Nitric acid, 100 %	2808.00.10	105,150	774,139	87,993	729,962	-5.7
Phosphoric acid, wet process	2809.20	x	x	x	x	x
Sulphuric acid, all grades, including oleum, as 100%	2807	258,379	2,605,904	248,332	2,194,376	-15.8
Other Industrial Chemical Products						
Aluminum sulphate (alum)	2833.22	15,800	121,727	14,363	111,838	-8.1
Ammonia, anhydrous, 100%	2814.10	405,147	2,854,957	357,054	2,964,574	3.8
Ammonium nitrate, all grades	3102.30	109,959	776,360	73,742	694,417	-10.6
Ammonium phosphate, all grades	3105.30	x	x	x	x	x
Butadiene	2901.24.10	22,534	182,941	20,863	181,956	-0.5
Butylene	2901.23	25,997	175,864	19,286	157,855	-10.2
Carbon black	2803	18,832	143,485	14,992	133,398	-7.0
Chlorine	2801.10	95,419	733,898	84,530	669,191	-8.8
Ethylene	2901.21	401,217	3,126,190	387,681	3,117,518	-0.3
Formaldehyde, 100% solids basis	2912.11	17,283	140,854	20,463	153,125	8.7
Hydrogen peroxide, 100%	2847.00	20,374	144,613	20,247	146,655	1.4
Methyl alcohol (methanol)	2905.11	x	x	x	x	x
Propylene, as propylene in all grades	2901.22	84,126	622,954	72,677	604,678	-2.9
Sodium chlorate	2829.11	92,338	690,330	89,077	741,321	7.4
Sodium hydroxide (caustic soda), as 100% NaOH	2815.10	95,843	745,562	90,504	715,817	-4.0
Urea, all grades	3102.10	293,670	2,151,676	214,104	2,110,635	-1.9
Benzene	2902.20	81,120	542,671	66,090	538,658	-0.7
Toluene	2902.30	27,610	171,333	18,173	183,637	7.2
Xylene	2902.40	30,337	192,557	26,102	197,702	2.7
Zinc oxide	2817.00.10	x	x	x	x	x

Symbols

* Standard Classification of Goods (SCG) Code.

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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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