



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	May 2002	Year-to-date 2002	May 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	173,131 ^r	x	156,900	775,728	x
Polyethylene, high density	3901.20	133,597 ^r	x	119,761	637,962	x
Polyethylene, total²		306,728^r	1,399,012^r	276,661	1,413,690	1.0
Polystyrene and acrylonitrile-butadiene-styrene (abs) ³	3903.10, 3903.30	15,643	78,532	18,494	76,356	-2.8
Polyvinyl chloride	3904.10	x	x	x	x	x
Polyesters, unsaturated	3907.91	10,695	49,119	14,083	53,876	9.7

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	SCG* Code	May 2002	Year-to-date 2002	May 2003	Year-to-date 2003	Year-to-date change 2003/2002
metric tonnes						%
Acids						
Hydrochloric (muriatic) acid, 100%	2806.10.20	12,109	63,405	12,022	65,480	3.3
Nitric acid, 100 %	2808.00.10	106,834	480,353	94,335	487,138	1.4
Phosphoric acid, wet process	2809.20	x	x	x	x	x
Sulphuric acid, all grades, including oleum, as 100%	2807	345,094	1,756,527	272,916	1,546,799	-11.9
Other Industrial Chemical Products						
Aluminum sulphate (alum)	2833.22	17,221	71,832	16,963	67,600	-5.9
Ammonia, anhydrous, 100%	2814.10	344,056	1,779,648	413,450	1,961,416	10.2
Ammonium nitrate, all grades	3102.30	110,165	471,594	87,734	493,210	4.6
Ammonium phosphate, all grades	3105.30	x	x	x	x	x
Butadiene	2901.24.10	24,701	117,048	22,582	115,540	-1.3
Butylene	2901.23	17,202	98,236	25,752	102,149	4.0
Carbon black	2803	19,317	89,262	18,441	84,719	-5.1
Chlorine	2801.10	93,495	454,085	90,814	445,588	-1.9
Ethylene	2901.21	428,750	1,972,048	396,150	2,019,747	2.4
Formaldehyde, 100% solids basis	2912.11	21,415	89,091	21,730	97,180	9.1
Hydrogen peroxide, 100%	2847.00	17,723	88,617	19,822	97,643	10.2
Methyl alcohol (methanol)	2905.11	x	x	x	x	x
Propylene, as propylene in all grades	2901.22	78,933	375,421	85,604	395,544	5.4
Sodium chlorate	2829.11	85,640	423,967	93,008	468,023	10.4
Sodium hydroxide (caustic soda), as 100% NaOH	2815.10	93,764	465,814	98,530	479,912	3.0
Urea, all grades	3102.10	259,856	1,346,125	309,137	1,499,473	11.4
Benzene	2902.20	56,157	326,397	70,338	339,311	4.0
Toluene	2902.30	16,255	108,150	22,176	121,225	12.1
Xylene	2902.40	13,063	130,858	14,886	129,255	-1.2
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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