



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	April 2004	Year-to-date 2004	April 2005	Year-to-date 2005	Year-to-date change 2005/2004
Synthetic resins						
Polyethylene, low and linear low density ¹	3901.10, 3901.90.10	170,461	651,938	164,887	661,061	1.4
Polyethylene, high density	3901.20	137,190	492,245	111,108	465,941	-5.3
Polyethylene, total²		307,651	1,144,183	275,995	1,127,002	-1.5
Polystyrene and acrylonitrile-butadiene-styrene (abs) ³	3903.1, 3903.30	18,516	66,570	16,962	70,277	5.6
Polyvinyl chloride	3904.10	x	x	x	x	x
Polyesters, unsaturated	3907.91	7,651	35,913	8,064	30,719	-14.5

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

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Table 2
Production of Industrial Chemicals, by product, Canada

Product	SCG* Code	April 2004	Year-to-date 2004	April 2005	Year-to-date 2005	Year-to-date change 2005/2004
metric tonnes						%
Acids						
Hydrochloric (muriatic) acid, 100%	2806.10.20	12,970	53,674	11,866	42,303	-21.2
Nitric acid, 100 %	2808.00.10	103,882	387,006	92,014	412,261	6.5
Phosphoric acid, wet process	2809.20	x	x	x	x	x
Sulphuric acid, all grades, including oleum, as 100%	2807	337,698	1,363,368	352,616	1,376,468	1.0
Other Industrial Chemical Products						
Aluminum sulphate (alum)	2833.22	13,806	50,962	15,286	54,370	6.7
Ammonia, anhydrous, 100%	2814.10	420,422	1,691,050	418,287	1,598,491	-5.5
Ammonium nitrate, all grades	3102.30	88,869 ^r	343,332 ^r	94,501	416,553	21.3
Ammonium phosphate, all grades	3105.30	x	x	x	x	x
Butadiene	2901.24.10	26,375 ^r	102,057 ^r	18,309	88,474	-13.3
Butylene	2901.23	20,231	76,342	16,028	75,714	-0.8
Carbon black	2803	18,968	70,441	17,733	76,655	8.8
Chlorine	2801.10	84,150 ^r	344,045 ^r	84,750	324,211	-5.8
Ethylene	2901.21	418,029 ^r	1,682,802 ^r	377,709	1,671,754	-0.7
Formaldehyde, 100% solids basis	2912.11	24,265	85,602	22,580	x	x
Hydrogen peroxide, 100%	2847.00	20,542	82,171	20,871	85,091	3.6
Methyl alcohol (methanol)	2905.11	x	x	x	x	x
Propylene, as propylene in all grades	2901.22	78,216 ^r	313,738 ^r	54,653	280,853	-10.5
Sodium chlorate	2829.11	94,567	387,374	94,524	397,108	2.5
Sodium hydroxide (caustic soda), as 100% NaOH	2815.1	90,800 ^r	371,437 ^r	97,138	364,350	-1.9
Urea, all grades	3102.10	299,140	1,253,413	322,112	1,195,983	-4.6
Benzene	2902.20	84,447	309,883	67,448	300,736	-3.0
Toluene	2902.30	15,213	90,340	10,202	79,620	-11.9
Xylene	2902.4	33,517	130,670	24,878	119,015	-8.9
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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