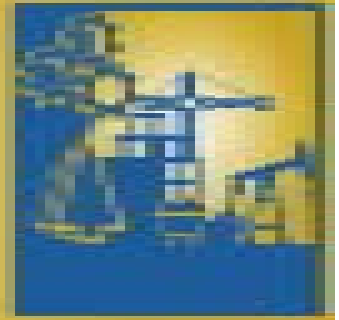




# Industrial Chemicals and Synthetic Resins

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Table 1

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

Product	SCG* Code	March 2004	Year-to-date 2004	March 2005	Year-to-date 2005	Year-to-date change 2005/2004
<b>Synthetic resins</b>						
Polyethylene, low and linear low density <sup>1</sup>	3901.10, 3901.90.10	151,686	481,477	165,136	496,174	3.1
Polyethylene, high density	3901.20	122,908	355,055	122,886	354,833	-0.1
<b>Polyethylene, total<sup>2</sup></b>		<b>274,594</b>	<b>836,532</b>	<b>288,022</b>	<b>851,007</b>	<b>1.7</b>
Polystyrene and acrylonitrile-butadiene-styrene (abs) <sup>3</sup>	3903.1, 3903.30	18,611	48,054	18,408	53,315	10.9
Polyvinyl chloride	3904.10	x	x	x	x	x
Polyesters, unsaturated	3907.91	9,508	28,262	8,122	22,655	-19.8

See footnote(s) at end of Table 2.

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

Manufacturing, Construction and Energy Division

May 2005

### 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	March 2004	Year-to-date 2004	March 2005	Year-to-date 2005	Year-to-date change 2005/2004
metric tonnes						%
<b>Acids</b>						
Hydrochloric (muriatic) acid, 100%	2806.10.20	14,363	40,704	11,420	30,437	-25.2
Nitric acid, 100 %	2808.00.10	106,365	283,124	108,290	320,247	13.1
Phosphoric acid, wet process	2809.20	x	x	x	x	x
Sulphuric acid, all grades, including oleum, as 100%	2807	350,245	1,025,670	367,385	1,023,852	-0.2
<b>Other Industrial Chemical Products</b>						
Aluminum sulphate (alum)	2833.22	13,222	37,156	13,418	39,084	5.2
Ammonia, anhydrous, 100%	2814.10	438,795	1,270,628	397,520	1,180,204	-7.1
Ammonium nitrate, all grades	3102.30	99,096	254,463	106,232	322,052	26.6
Ammonium phosphate, all grades	3105.30	x	x	x	x	x
Butadiene	2901.24.10	27,316	75,682	24,834	70,165	-7.3
Butylene	2901.23	19,258	56,111	19,771	59,686	6.4
Carbon black	2803	19,879	51,473	21,039	58,922	14.5
Chlorine	2801.10	88,000	259,895	87,019	239,461	-7.9
Ethylene	2901.21	425,545	1,264,773	427,578	1,294,045	2.3
Formaldehyde, 100% solids basis	2912.11	21,325	61,337	23,147	x	x
Hydrogen peroxide, 100%	2847.00	21,935	61,629	22,075	64,220	4.2
Methyl alcohol (methanol)	2905.11	x	x	x	x	x
Propylene, as propylene in all grades	2901.22	79,770	235,522	75,384	226,200	-4.0
Sodium chlorate	2829.11	100,092	292,807	104,516	302,584	3.3
Sodium hydroxide (caustic soda), as 100% NaOH	2815.1	93,533	280,637	95,082	267,212	-4.8
Urea, all grades	3102.10	334,689	954,273	289,207	873,871	-8.4
Benzene	2902.20	73,941	225,436	72,562	233,288	3.5
Toluene	2902.30	26,565	75,127	18,187	69,418	-7.6
Xylene	2902.4	37,382	97,153	32,706	94,137	-3.1
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](mailto:manufact@statcan.ca)), Manufacturing, Construction and Energy Division.

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