



# 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	February	Year-to-date	February	Year-to-date	Year-to-date	
		2004	2004	2005	2005	change 2005/2004	
						metric tonnes	%
<b>Synthetic resins</b>							
Polyethylene, low and linear low density <sup>1</sup>	3901.10, 3901.90.10	164,296	329,791	161,854	331,038	0.4	
Polyethylene, high density	3901.20	115,980	232,147	122,089	231,947	-0.1	
<b>Polyethylene, total<sup>2</sup></b>		<b>280,276</b>	<b>561,938</b>	<b>283,943</b>	<b>562,985</b>	<b>0.2</b>	
Polystyrene and acrylonitrile-butadiene-styrene (abs) <sup>3</sup>	3903.1, 3903.30	16,791	29,443	16,450	34,907	18.6	
Polyvinyl chloride	3904.10	x	x	x	x	x	
Polyesters, unsaturated	3907.91	8,289	18,754	7,804	14,533	-22.5	

See footnote(s) at end of Table 2.

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

Manufacturing, Construction and Energy Division

April 2005

### Note of appreciation

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**Table 2**  
**Production of Industrial Chemicals, by product, Canada**

Product	SCG* Code	February	Year-to-date	February	Year-to-date	Year-to-date
		2004	2004	2005	2005	change 2005/2004
metric tonnes						%
<b>Acids</b>						
Hydrochloric (muriatic) acid, 100%	2806.10.20	11,639	26,341	9,349	19,017	-27.8
Nitric acid, 100 %	2808.00.10	90,207	176,759	109,333	211,957	19.9
Phosphoric acid, wet process	2809.20	x	x	x	x	x
Sulphuric acid, all grades, including oleum, as 100%	2807	330,418	675,425	319,938	656,467	-2.8
<b>Other Industrial Chemical Products</b>						
Aluminum sulphate (alum)	2833.22	12,307	23,934	12,609	25,666	7.2
Ammonia, anhydrous, 100%	2814.10	400,680	831,833	371,586	782,684	-5.9
Ammonium nitrate, all grades	3102.30	78,287	155,367	113,703	215,820	38.9
Ammonium phosphate, all grades	3105.30	x	x	x	x	x
Butadiene	2901.24.10	24,421	48,366	23,613	45,331	-6.3
Butylene	2901.23	17,901	36,853	19,151	39,915	8.3
Carbon black	2803	16,166	31,594	17,873	37,883	19.9
Chlorine	2801.10	83,222	171,895	74,657	152,442	-11.3
Ethylene	2901.21	413,650	839,228	415,522	866,467	3.2
Formaldehyde, 100% solids basis	2912.11	19,875	40,012	22,124	x	x
Hydrogen peroxide, 100%	2847.00	19,091	39,694	20,154	42,145	6.2
Methyl alcohol (methanol)	2905.11	x	x	x	x	x
Propylene, as propylene in all grades	2901.22	76,139	155,752	70,886	150,816	-3.2
Sodium chlorate	2829.11	93,709	192,715	94,232	198,068	2.8
Sodium hydroxide (caustic soda), as 100% NaOH	2815.1	91,711	187,104	83,267	172,130	-8.0
Urea, all grades	3102.10	300,164	619,584	288,369	584,664	-5.6
Benzene	2902.20	71,708	151,495	74,788	160,726	6.1
Toluene	2902.30	20,550	48,562	24,005	51,231	5.5
Xylene	2902.4	33,858	59,771	32,298	61,431	2.8
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.

<sup>1</sup> Polyethylene, low, and linear low densities combines two Standard Classification of Goods (SCG) codes: 3901.10, and 3901.90.10.<sup>2</sup> Polyethylene, low, linear low and high densities combines three Standard Classification of Goods (SCG) codes: 3901.10, 3901.90.10 and 3901.20.<sup>3</sup> 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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