

The Daily

Statistics Canada

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Research and development personnel 2008

In 2008, 242,680 full-time equivalent personnel were engaged in research and development (R&D) activities in Canada, down 1.0% from 2007.

Nearly two-thirds (65%) of R&D personnel were employed by business enterprises in 2008, followed by 26% in the higher education sector, 8% in government (combined federal and provincial) and 1% in private non-profit organizations.

About three-quarters of total R&D personnel worked in two provinces: Ontario (45%) and Quebec (31%). Most of the remaining R&D personnel were engaged in British Columbia (9%) and Alberta (7%).

Researchers accounted for 61% of total R&D personnel, while technicians comprised 25% and support staff 14%. There were 148,980 researchers working in Canada in 2008, this remained relatively flat from 2007 but up 20.8% from five years earlier (2003).

For every 1,000 people employed full time in 2008 in Canada, 8.8 were researchers. In comparison,

Japan and Sweden had 10.6 full-time equivalent R&D personnel per 1,000 employed in their respective countries in 2008, while there were 8.0 in the United Kingdom. The United States recorded 9.5 full-time equivalent R&D personnel per 1,000 for 2007 (the latest year of available data from the Organisation for Economic Co-operation and Development).

Definitions, data sources and methods: survey numbers, including related surveys, 4201, 4204, 4208, 4209, 4210, 4212 and 5109.

The service bulletin *Science Statistics*, Vol. 35, no. 1 (88-001-X, free), is now available from the *Key resource* module of our website under *Publications*.

For more information, or to enquire about the methods, concepts or data quality of this release, contact Catherine ten Den (613-951-2188; catherine.tenden@statcan.gc.ca) or Louise Earl (613-951-2880; louise.earl@statcan.gc.ca), Business Special Surveys and Technology Statistics Division. □

Researchers engaged in research and development: Selected Organisation for Economic Co-operation and Development countries

	2007 ^r	2008
	thousands	
Researchers		
United States	1,413	..
Japan	710	683
Germany	291	301
United Kingdom	253	252
France	216	..
Italy	93	96
Canada	149	149
Netherlands	51	51
Sweden	48	48
	2007 ^r	2008
	millions	
Total employment		
United States	148	148
Japan	64	64
Germany	40	40
United Kingdom	32	32
France	26	26
Italy	25	25
Canada	17	17
Netherlands	9	9
Sweden	5	5
	2007 ^r	2008
	ratio	
Total researchers in full-time equivalent per 1,000 total employment		
United States	9.5	..
Japan	11.0	10.6
Germany	7.3	7.5
United Kingdom	8.0	8.0
France	8.4	..
Italy	3.7	3.8
Canada	8.8	8.8
Netherlands	5.9	5.8
Sweden	10.6	10.6

^r revised

.. not available for a specific reference period

Source: The Organisation for Economic Co-operation and Development's Main Science and Technology Indicators plus publication 88-001-X for Canada.



Sawmills

November 2010

Lumber production by sawmills decreased 4.5% to 4 579.1 thousand cubic metres in November. Compared with the same month last year, lumber production increased 14.2%.

Sawmills shipped 4 389.4 thousand cubic metres of lumber in November, down 4.2% from October.

Available on CANSIM: table 303-0009.

Definitions, data sources and methods: survey number 2134.

The November 2010 issue of *Sawmills*, Vol. 64, no. 11 (35-003-X, free), is now available from the *Key resource* module of our website under *Publications*.

To order data, obtain more information, or to enquire about the concepts, methods or data quality of this release, contact the dissemination officer (toll-free 1-866-873-8789; 613-951-9497; manufact@statcan.gc.ca), Manufacturing and Energy Division. ■

Asphalt roofing

December 2010

Data on asphalt roofing are now available for December. Revised data for November are also available.

Available on CANSIM: table 303-0052.

Definitions, data sources and methods: survey number 2123.

For more information, or to enquire about the concepts, methods or data quality of this

release, contact the dissemination officer (toll-free 1-866-873-8789; 613-951-9497; manufact@statcan.gc.ca), Manufacturing and Energy Division. ■

Mineral wool including fibrous glass insulation

December 2010

Data on mineral wool including fibrous glass insulation are now available for December.

Definitions, data sources and methods: survey number 2110.

Data are available upon request only.

For more information, or to enquire about the concepts, methods or data quality of this release, contact the dissemination officer (toll-free 1-866-873-8789; 613-951-9497; manufact@statcan.gc.ca), Manufacturing and Energy Division. ■

Electric power statistics

November 2010

Data on electric power are now available for November.

Available on CANSIM: tables 127-0002 and 127-0003.

Definitions, data sources and methods: survey number 2151.

For more information, or to enquire about the concepts, methods or data quality of this release, contact the dissemination officer (toll-free 1-866-873-8789; 613-951-9497; energ@statcan.gc.ca), Manufacturing and Energy Division. ■

New products and studies

Sawmills, November 2010, Vol. 64, no. 11
Catalogue number 35-003-X (PDF, free; HTML, free)

Employment, Earnings and Hours, November 2010,
 Vol. 88, no. 11
Catalogue number 72-002-X (PDF, free; HTML, free)

**Science Statistics : Research and Development
 Personnel, 1999 to 2008**, Vol. 35, no. 1
Catalogue number 88-001-X (PDF, free; HTML, free)

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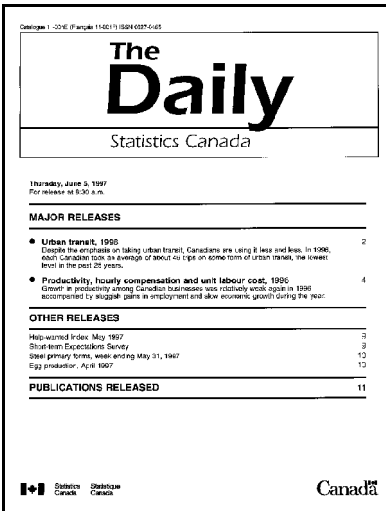
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