Catalogue no. 64-001-X

# **Building Permits**

March 2016





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#### Statistics Canada

Investment, Science and Technology Division Building Construction and Property Value Section

# **Building Permits**

### March 2016

Published by authority of the Minister responsible for Statistics Canada

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http://www.statcan.gc.ca/reference/licence-eng.html

May 2016

Catalogue no. 64-001-X, vol. 60, no. 3

ISSN 1480-7475 Frequency: Monthly

Ottawa

Cette publication est également disponible en français.

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- not available for any reference period
- not available for a specific reference period
- not applicable
- 0 true zero or a value rounded to zero
- value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- preliminary
- revised
- suppressed to meet the confidentiality requirements of the Statistics Act
- Ε use with caution
- F too unreliable to be published
- significantly different from reference category (p < 0.05)

#### **Acknowledgements**

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# **Highlights**

The total value of building permits issued by Canadian municipalities was down 7.0% to \$6.9 billion in March, marking the second decline in three months. The decrease, which followed a 15.3% gain in February, was largely the result of lower construction intentions for commercial buildings in Alberta, Ontario and British Columbia.

## Analysis – March 2016

The total value of building permits issued by Canadian municipalities was down 7.0% to \$6.9 billion in March, marking the second decline in three months. The decrease, which followed a 15.3% gain in February, was largely the result of lower construction intentions for commercial buildings in Alberta, Ontario and British Columbia.

In the non-residential sector, the value of building permits was down 22.8% to \$2.4 billion in March, following a 32.6% increase the previous month. Declines were reported in half the provinces, with Alberta responsible for most of the drop, followed by British Columbia and Ontario.

The value of residential permits rose 4.8% to \$4.4 billion in March, a second consecutive monthly increase. Gains were posted in seven provinces, led by Ontario, British Columbia and Nova Scotia. The largest decline in residential construction intentions was reported in Alberta.

#### Non-residential sector: Lower construction intentions for all three components

All three components of the non-residential sector decreased in March, led by commercial buildings.

The value of permits for commercial buildings was down 27.7% to \$1.5 billion in March, partially offsetting the 56.6% increase in February. At the national level, the decline was mainly the result of lower construction intentions for recreational facilities and retail complexes, which recorded large increases the previous month. Decreases were posted in five provinces, led by Alberta, followed distantly by Ontario and British Columbia.

In the institutional component, the value of permits was down 12.2% to \$591 million in March, after posting an increase of 17.5% the previous month. The decrease resulted mostly from lower construction intentions for secondary schools, other government buildings and health clinics. Declines were posted in five provinces, most notably Alberta, Quebec and Saskatchewan. Ontario registered the largest advance in the component.

The value of industrial building permits was down 17.1% to \$395 million in March, a second consecutive monthly decline. Lower construction intentions for maintenance-related buildings, utilities buildings and manufacturing plants were responsible for much of the decrease. The decline was spread among five provinces, led by Manitoba. The biggest increase was recorded in Alberta.

#### Residential sector: Higher construction intentions for multi-family dwellings

Construction intentions for multi-family dwellings rose 12.1% to \$2.0 billion in March. Gains were reported in every province, except Alberta. Ontario posted the largest advance, followed by British Columbia and Nova Scotia.

The value of permits for single-family dwellings edged down 0.5% to \$2.4 billion, following a 10.0% increase in February. Declines were spread among five provinces, led by British Columbia. Ontario recorded the most notable increase.

Municipalities approved the construction of 15,674 new dwellings in March, down 1.4% from the previous month. The decline resulted from single-family dwellings, which fell 7.9% to 5,623 new units. Conversely, multi-family dwellings were up 2.6% to 10,051 new units.

#### Provinces: Alberta records the largest decline

The total value of building permits was down in four provinces in March, with Alberta posting the largest decrease, followed by British Columbia and Saskatchewan.

In Alberta, the value of building permits dropped 41.3% to \$931 million, following a 43.3% increase in February. Construction intentions declined in every component, except industrial buildings. Commercial buildings and multi-family dwellings accounted for most of the decrease.

The value of building permits in British Columbia was down 5.2% to \$1.1 billion in March, registering a third consecutive monthly decline. The drop was the result of lower construction intentions in every component, with the exception of multi-family dwellings. Commercial structures accounted for the majority of the decrease.

In Saskatchewan, the value of building permits fell 27.8% to \$127 million, a third consecutive monthly decline. The decrease came from a drop in construction intentions for institutional buildings, which were at their lowest level since October 2014, and single-family dwellings.

#### Census metropolitan areas: Edmonton posts the largest decrease

In March, the value of building permits was down in 14 of the 34 census metropolitan areas. The decline was mainly attributable to lower permit values in Edmonton, Oshawa and Victoria.

The value of building permits in Edmonton fell 64.8% in March, following a record high in February. The decrease was the result of lower construction intentions for commercial buildings and, to a lesser degree, multi-family dwellings and institutional structures.

In Oshawa, the decline was attributable to lower residential construction intentions, mainly single-family dwellings, while in Victoria, multi-family dwellings and commercial buildings were responsible for the decrease.

#### Note to readers

Unless otherwise stated, this release presents seasonally adjusted data, which facilitates comparisons by removing the effects of seasonal variations. For information on seasonal adjustment, see Seasonally adjusted data - Frequently asked questions.

The Building Permits Survey covers over 2.400 municipalities, representing 95% of the Canadian population. The communities representing the other 5% of the population are very small and their levels of building activity have little impact on the total for the entire population.

Building permits data are used as a leading indicator of activity in the construction industry.

The value of planned construction activities shown in this release excludes engineering projects (for example, waterworks, sewers or culverts) and land.

For the purpose of this release, the census metropolitan area of Ottawa–Gatineau (Ontario/Quebec) is divided into two areas: Gatineau part and Ottawa part.

#### Revision

Data for the current reference month are subject to revision based on late responses. Data for the previous month have been revised.

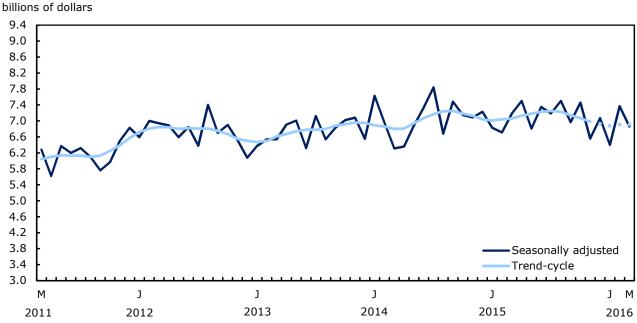
Trend-cycle estimates have been added to the charts as a complement to the seasonally adjusted series. Both the seasonally adjusted and the trend-cycle estimates are subject to revision as additional observations become available. These revisions could be large and even lead to a reversal of movement, especially at the end of the series. The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the chart.

For information on trend-cycle data, see the StatCan Blog and Trend-cycle estimates – Frequently asked questions.

#### Next release

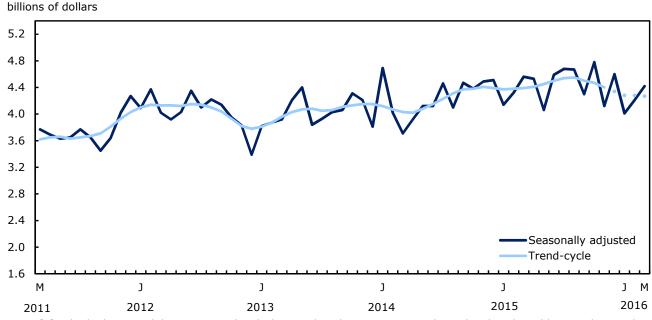
The April building permits data will be released on June 8.

Chart 1
Total value of building permits



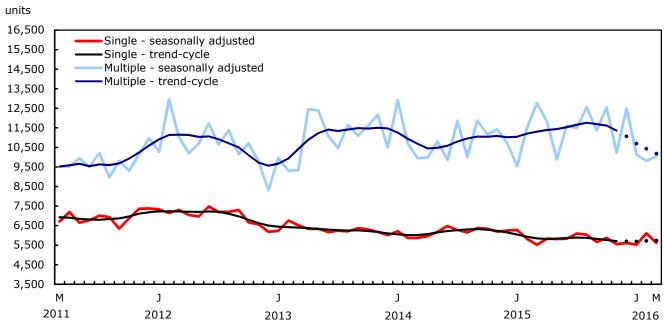
**Note(s):** The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the graph for the current reference month and the three previous months. See Note to readers.

Chart 2 Value of residential building permits – Total



**Note(s):** The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the graph for the current reference month and the three previous months. See Note to readers.

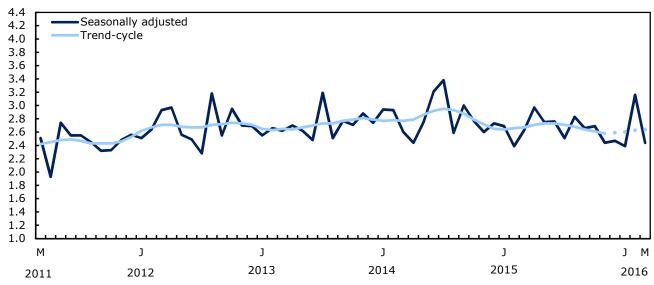
Chart 3
Number of dwelling units – Single and multiple



**Note(s):** The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the graph for the current reference month and the three previous months. See Note to readers.

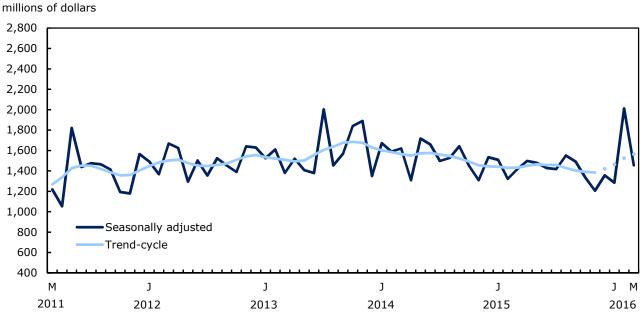
Chart 4
Value of non-residential building permits – Total





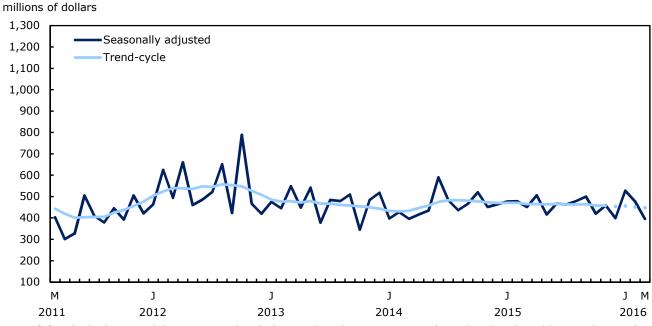
**Note(s):** The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the graph for the current reference month and the three previous months. See Note to readers.

Chart 5
Value of commercial building permits



**Note(s):** The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the graph for the current reference month and the three previous months. See Note to readers.

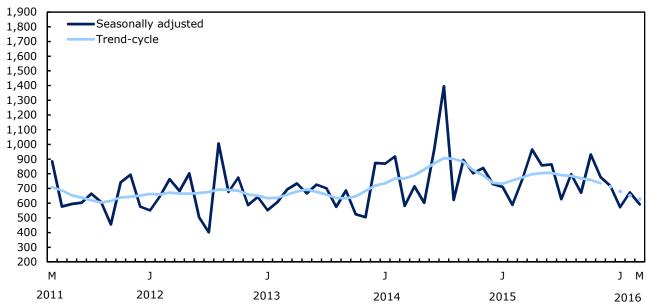
Chart 6
Value of industrial building permits



**Note(s):** The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the graph for the current reference month and the three previous months. See Note to readers.

Chart 7 Value of institutional and governmental building permits

#### millions of dollars



**Note(s):** The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the graph for the current reference month and the three previous months. See Note to readers.

# **Related products**

### **Selected publications from Statistics Canada**

61-205-X	Private and Public Investment in Canada, Intentions
62-202-X	Spending Patterns in Canada

### Selected technical and analytical products from Statistics Canada

62F0014M1996002	An Analysis of Some Construction Price Index Methodologies	
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#### **Selected CANSIM tables from Statistics Canada**

026-0001	Building permits, residential values and number of units, by type of dwelling, monthly
026-0002	Building permits, dwelling units by type of dwelling and area, monthly
026-0003	Building permits, values by activity sector, monthly
026-0004	Building permits, values by activity sector and area, monthly
026-0005	Building permits, non-residential values by type of structure, monthly
026-0006	Building permits, by type of structure and area, seasonally adjusted, monthly
026-0007	Building permits, dwelling units by type of structure and value and by activity sector, monthly
026-0008	Building permits, values by activity sector, seasonally adjusted and unadjusted, monthly
026-0010	Building permits, residential and non-residential values by type of structure for Canada and urban centres, 10,000 and over, monthly

### **Selected surveys from Statistics Canada**

### **Selected summary tables from Statistics Canada**

- Value of building permits, province and territory (monthly)
- Value of building permits, census metropolitan area (monthly)
- Economic indicators, by province and territory (monthly and quarterly)
- Value of building permits, by province and territory
- Value of building permits by type

# **Statistical tables**

Table 1 Total value of building permits, provinces and territories, seasonally adjusted

	2016	2016	March	February	January	December	November	October
_	March p	February r	to	to	to	to	to	to
	March	1 ebidary	February	January	December	November	October	September
_	thousands of	dollars			percentage of	change		
Canada	6,858,641	7,374,604	-7.0	15.3	-9.5	7.7	-12.1	7.2
Newfoundland and Labrador	61,719	55,862	10.5	35.9	-9.3	-6.1	-15.2	-1.0
Prince Edward Island	23,108	15,143	52.6	119.8	-37.4	-11.6	-49.8	14.0
Nova Scotia	120,885	73,545	64.4	-27.9	11.1	7.1	-14.3	-11.2
New Brunswick	64,077	57,373	11.7	-20.3	8.6	23.0	-15.9	0.3
Quebec	1,172,032	1,173,329	-0.1	19.7	-11.0	0.3	0.7	-1.4
Ontario	3,004,913	2,849,678	5.4	12.3	-10.8	8.8	-3.6	5.0
Manitoba	225,679	199,235	13.3	3.6	-8.0	29.3	-19.9	-6.7
Saskatchewan	127,104	175,935	-27.8	-0.5	-24.0	24.8	-26.0	-17.0
Alberta	930,626	1,586,305	-41.3	43.3	-4.4	3.9	-42.8	37.1
British Columbia	1,100,105	1,159,913	-5.2	-0.3	-10.9	11.3	17.4	-6.2
Yukon	12,014	25,731	-53.3		-49.4	-67.1	0.2	44.2
Northwest Territories	16,079	2,502	542.6	-79.3	366.9	-20.0	18.0	-72.1
Nunavut	300	53	466.0	-98.5		-46.2	-89.2	563.7

Table 2 Value of non-residential building permits, provinces and territories, seasonally adjusted

	2016	2016	March	February	January	December	November	October
_	March p	February <sup>r</sup>	to	to	to	to	to	to
	Waren	1 Coldary	February	January	December	November	October	September
_	thousands of	dollars			percentage of	change		
Canada	2,442,053	3,161,740	-22.8	32.6	-3.6	1.3	-9.1	0.9
Newfoundland and Labrador	13,534	17,349	-22.0	142.4	-0.2	-42.9	-8.8	-24.1
Prince Edward Island	6,989	1,700	311.1	80.3	-59.2	-56.9	-62.8	48.5
Nova Scotia	37,679	27,036	39.4	-8.8	-2.7	16.4	-37.3	15.9
New Brunswick	27,496	23,222	18.4	-35.5	11.9	29.8	-10.1	-11.1
Quebec	464,316	455,787	1.9	71.8	-25.7	-26.8	14.5	-0.9
Ontario	980,258	1,064,688	-7.9	8.0	3.0	16.3	-2.8	6.0
Manitoba	101,578	89,080	14.0	23.8	-11.6	28.0	-29.3	-0.7
Saskatchewan	57,239	96.583	-40.7	26.8	-45.2	39.4	-40.2	-25.8
Alberta	484,023	994,462	-51.3	94.9	6.6	-4.4	-34.2	21.8
British Columbia	246,753	367,939	-32.9	13.9	1.3	-3.4	43.7	-31.1
Yukon	8,994	23,491	-61.7		-98.6	-82.6	34.7	69.1
Northwest Territories	13,194	350		-95.8		-100.0	-3.2	-87.4
Nunavut	0	53	-100.0		-100.0	-37.9	-83.0	

Table 3 Value of residential building permits, provinces and territories, seasonally adjusted

_	2016 March <sup>p</sup>	2016 February <sup>r</sup>	March to February	February to January	January to December	December to November	November to October	October to September
_	thousands of	dollars	,	<u>, , , , , , , , , , , , , , , , , , , </u>	percentage of	change		'
Canada	4,416,588	4,212,864	4.8	5.0	-12.7	11.5	-13.8	11.0
Newfoundland and Labrador	48,185	38,513	25.1	13.4	-11.0	6.8	-17.3	9.6
Prince Edward Island	16.119	13,443	19.9	126.0	-31.7	22.7	-31.8	-13.9
Nova Scotia	83,206	46,509	78.9	-35.8	18.0	3.1	2.0	-24.0
New Brunswick	36.581	34,151	7.1	-5.1	5.5	17.3	-20.4	11.2
Quebec	707,716	717,542	-1.4	0.3	-4.0	21.9	-8.2	-1.7
Ontario	2,024,655	1,784,990	13.4	20.6	-18.5	5.0	-4.0	4.6
Manitoba	124,101	110.155	12.7	-8.5	-5.6	30.2	-12.2	-10.9
Saskatchewan	69,865	79,352	-12.0	-21.2	7.4	7.9	1.8	8.0
Alberta	446,603	591,843	-24.5	-0.8	-12.2	10.6	-48.3	49.1
British Columbia	853.352	791,974	7.8	-5.8	-14.9	17.1	9.5	5.2
Yukon	3,020	2.240	34.8	22.2	-15.3	-15.0	-46.3	20.3
Northwest Territories	2,885	2,152	34.1	-43.0	45.6	0.3	25.0	-53.7
Nunavut	300	_,		-100.0		-100.0	-96.8	236.1

Table 4 Number of dwelling units authorized, province and territories, seasonally adjusted at annual rate

	2016	2016	March to	February to	January	December to	November	October
	March <sup>p</sup>	February <sup>r</sup>	February	January	to December	November	to October	to September
	units				percentage of	change		
Canada	188,088	190,848	-1.4	1.5	-13.4	14.7	-14.3	8.2
Newfoundland and Labrador	2,292	1,320	73.6	12.2	-30.5	2.2	-16.4	-4.1
Prince Edward Island	1,080	720	50.0	252.9	-72.1	90.6	-37.3	-55.3
Nova Scotia	4,248	2,964	43.3	-48.8	71.5	13.3	-13.9	-22.2
New Brunswick	2,172	1,860	16.8	10.7	-0.7	-2.1	-25.4	-3.0
Quebec	39,684	41,412	-4.2	10.0	-9.5	26.8	-16.4	2.2
Ontario	75,804	66,960	13.2	2.9	-17.2	15.9	-7.0	6.6
Manitoba	6,660	6,288	5.9	6.3	-9.2	68.1	-27.7	-29.2
Saskatchewan	3,756	3,768	-0.3	-30.7	8.1	26.6	-10.3	1.1
Alberta	18,648	30,096	-38.0	4.3	-10.3	-0.6	-40.5	37.6
British Columbia	33,408	35,292	-5.3	-1.6	-21.2	9.7	15.6	2.0
Yukon	276	132	109.1	-21.4	-12.5	0.0	-48.4	19.2
Northwest Territories	48	36	33.3	-25.0	100.0	-66.7	50.0	-69.2
Nunavut	12	0		-100.0			-100.0	

Table 5 Dwelling units, value of residential and non-residential building permits, provinces and territories, seasonally adjusted, 2016

	Number	of dwelling u	nits		Е	stimated value	of construction		
•	Singles 1	Multiples	Total	Residential		Non-res	idential		Total
			dwellings	_	Industrial	Commercial	Institutional and governmental	Total	
		units				thousands	of dollars		
Canada February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	6,106 5,623 17,255 17,625	9,798 10,051 29,990 33,811	15,904 15,674 47,245 51,436	4,212,864 4,416,588 12,640,804 13,013,649	476,680 395,396 1,399,748 1,405,408	2,011,977 1,455,536 4,752,334 4,250,290	673,083 591,121 1,836,808 2,057,075	3,161,740 2,442,053 7,988,890 7,712,773	7,374,604 6,858,641 20,629,694 20,726,422
Newfoundland and Labrador February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	92 105 283 286	18 86 116 36	110 191 399 322	38,513 48,185 120,652 106,968	10 1,332 1,372 3,831	17,267 6,590 29,845 34,853	72 5,612 6,822 10,008	17,349 13,534 38,039 48,692	55,862 61,719 158,691 155,660
Prince Edward Island February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	41 42 100 70	19 48 67 5	60 90 167 75	13,443 16,119 35,510 27,536	312 2,012 2,329 1,397	1,388 2,401 4,659 4,625	0 2,576 2,644 6,805	1,700 6,989 9,632 12,827	15,143 23,108 45,142 40,363
Nova Scotia February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	138 133 392 301	109 221 691 711	247 354 1,083 1,012	46,509 83,206 202,120 201,928	5,087 5,116 14,750 17,516	20,213 19,953 60,794 53,858	1,736 12,610 18,818 10,036	27,036 37,679 94,362 81,410	73,545 120,885 296,482 283,338
New Brunswick February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	84 97 263 208	71 84 213 205	155 181 476 413	34,151 36,581 106,727 99,615	2,184 3,343 8,706 18,123	12,138 15,323 48,626 27,634	8,900 8,830 29,381 16,970	23,222 27,496 86,713 62,727	57,373 64,077 193,440 162,342
Quebec February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	843 824 2,585 2,417	2,608 2,483 7,311 6,883	3,451 3,307 9,896 9,300	717,542 707,716 2,140,549 2,066,548	91,605 71,021 250,854 273,560	219,946 296,810 670,924 842,478	144,236 96,485 263,623 625,132	455,787 464,316 1,185,401 1,741,170	1,173,329 1,172,032 3,325,950 3,807,718
Ontario February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	2,793 2,501 7,287 7,045	2,787 3,816 10,035 11,180	5,580 6,317 17,322 18,225	1,784,990 2,024,655 5,289,997 4,891,735	242,836 219,289 712,053 638,149	615,035 478,348 1,557,207 1,473,562	206,817 282,621 831,967 617,087	1,064,688 980,258 3,101,227 2,728,798	2,849,678 3,004,913 8,391,224 7,620,533
Manitoba February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	267 279 787 701	257 276 785 792	524 555 1,572 1,493	110,155 124,101 354,640 360,667	37,812 5,079 69,997 47,303	36,838 77,039 145,728 135,977	14,430 19,460 46,904 92,305	89,080 101,578 262,629 275,585	199,235 225,679 617,269 636,252
Saskatchewan February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	189 139 580 596	125 174 500 1,148	314 313 1,080 1,744	79,352 69,865 249,907 349,697	10,541 5,179 24,271 60,107	30,672 41,147 113,184 182,910	55,370 10,913 92,545 143,649	96,583 57,239 230,000 386,666	175,935 127,104 479,907 736,363
Alberta February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	896 803 2,767 3,865	1,612 751 3,699 6,182	2,508 1,554 6,466 10,047	591,843 446,603 1,635,346 2,624,992	37,168 53,414 199,539 223,872	789,185 313,982 1,427,376 934,154	168,109 116,627 361,743 327,833	994,462 484,023 1,988,658 1,485,859	1,586,305 930,626 3,624,004 4,110,851

Table 5 – continued

Dwelling units, value of residential and non-residential building permits, provinces and territories, seasonally adjusted, 2016

	Number	of dwelling u	ınits		Е	stimated value	of construction		
	Singles 1	Multiples	Total	Residential		Non-res	sidential		Total
			dwellings	_	Industrial	Commercial	Institutional and governmental	Total	
		units				thousands	of dollars		
British Columbia									
February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	749 681 2,163 2,094	2,192 2,103 6,551 6,648	2,941 2,784 8,714 8,742	791,974 853,352 2,485,648 2,268,137	49,074 29,606 115,821 120,548	268,283 190,608 679,632 550,630	50,582 26,539 142,335 202,879	367,939 246,753 937,788 874,057	1,159,913 1,100,105 3,423,436 3,142,194
Yukon									
February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	11 14 36 32	0 9 12 3	11 23 48 35	2,240 3,020 7,093 5,814	0 5 5 0	685 8,989 9,686 1,770	22,806 0 22,815 3,893	23,491 8,994 32,506 5,663	25,731 12,014 39,599 11,477
Northwest Territories									
February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	3 4 11 7	0 0 0	3 4 11 7	2,152 2,885 8,815 6,217	23 0 23 1,002	327 4,346 4,673 7,839	0 8,848 17,186 478	350 13,194 21,882 9,319	2,502 16,079 30,697 15,536
Nunavut									
February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	0 1 1 3	0 0 10 18	0 1 11 21	0 300 3,800 3,795	28 0 28 0	0 0 0	25 0 25 0	53 0 53 0	53 300 3,853 3,795

<sup>1.</sup> Included in this category are the following types of dwellings: single-detached, mobile home and cottage.

Table 6 Dwelling units, value of residential and non-residential building permits, census metropolitan areas, seasonally adjusted, 2016

	Number	of dwelling	units		Esti	mated value	of construction	on	
	Singles 1	Multiples		Residential		Non-res	idential		Total
			dwellings	-	Industrial (		Institutional and governmental	Total	
		units				thousands	of dollars		
Abbotsford-Mission, British Columbia February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	24 28 74 71	49 49 148 120	73 77 222 191	9,632 16,341 39,474 28,529	668 1,084 9,763 1,621	2,833 123 4,903 904	253 56 309 14,432	3,754 1,263 14,975 16,957	13,386 17,604 54,449 45,486
Barrie, Ontario February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	40 18 85 80	26 40 97 1	66 58 182 81	17,055 13,594 50,960 24,646	20,236 4,828 25,296 1,207	5,019 2,115 10,568 33,370	443 197 1,559 2,691	25,698 7,140 37,423 37,268	42,753 20,734 88,383 61,914
Brantford, Ontario February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	16	7	23	3,764	2,794	1,256	8	4,058	7,822
	11	18	29	7,188	31,737	200	4	31,941	39,129
	150	26	176	50,129	35,184	9,312	225	44,721	94,850
	123	213	336	70,140	7,033	4,964	13	12,010	82,150
Calgary, Alberta February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	244	202	446	153,033	9,929	83,700	20,357	113,986	267,019
	221	240	461	151,867	1,309	130,855	26,552	158,716	310,583
	753	662	1,415	467,197	19,294	330,554	62,065	411,913	879,110
	1,043	2,043	3,086	919,740	18,896	378,132	177,274	574,302	1,494,042
Edmonton, Alberta February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	338	1,255	1,593	335,403	12,006	646,637	91,115	749,758	1,085,161
	299	387	686	194,946	28,696	132,321	26,429	187,446	382,392
	1,061	2,622	3,683	868,523	51,705	909,464	162,553	1,123,722	1,992,245
	1,629	3,398	5,027	1,229,630	71,899	354,461	25,531	451,891	1,681,521
Greater Sudbury, Ontario February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	2	2	4	6,863	222	5,675	1,281	7,178	14,041
	1	4	5	3,184	0	3,165	810	3,975	7,159
	4	8	12	11,702	513	29,216	2,736	32,465	44,167
	5	17	22	7,242	4,748	7,069	15,769	27,586	34,828
Guelph, Ontario February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	29	91	120	25,052	1,044	1,121	775	2,940	27,992
	13	23	36	10,387	3,108	9,419	520	13,047	23,434
	60	131	191	45,105	4,854	11,755	1,480	18,089	63,194
	105	328	433	117,800	8,786	7,079	453	16,318	134,118
Halifax, Nova Scotia February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	59	70	129	24,126	500	10,932	783	12,215	36,341
	43	100	143	33,007	441	12,833	2,548	15,822	48,829
	142	501	643	103,460	1,216	38,143	6,911	46,270	149,730
	86	614	700	133,435	1,764	38,559	826	41,149	174,584
Hamilton, Ontario February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	90	331	421	109,277	2,072	19,460	34,627	56,159	165,436
	162	365	527	190,707	2,125	27,326	4,683	34,134	224,841
	330	760	1,090	351,826	5,669	53,893	57,865	117,427	469,253
	478	238	716	252,213	67,280	70,645	30,700	168,625	420,838
Kelowna, British Columbia February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	33	53	86	32,605	1,150	9,817	913	11,880	44,485
	37	56	93	32,008	1,594	3,887	10	5,491	37,499
	116	247	363	112,345	3,204	47,941	37,039	88,184	200,529
	95	138	233	76,913	1,656	41,435	21,792	64,883	141,796

Table 6 – continued

Dwelling units, value of residential and non-residential building permits, census metropolitan areas, seasonally adjusted, 2016

	Number	of dwelling	units		Estir	mated value	of constructi	on	
<del>-</del>	Singles 1	Multiples		Residential		Non-res	idential		Total
			dwellings	-	Industrial (		Institutional and governmental	Total	
		units				thousands	of dollars		
Kingston, Ontario February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	16 20 54 38	18 13 32 180	34 33 86 218	6,250 9,781 20,841 40,999	126 348 1,034 1,530	1,775 2,266 6,458 8,041	71 15,749 16,722 15,971	1,972 18,363 24,214 25,542	8,222 28,144 45,055 66,541
Kitchener-Cambridge-Waterloo, Ontario February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	114 120 325 297	255 140 480 1,757	369 260 805 2,054	94,112 69,182 211,177 324,682	4,347 3,951 14,603 17,360	5,972 7,657 42,886 48,198	21,582 83,987 107,159 53,225	31,901 95,595 164,648 118,783	126,013 164,777 375,825 443,465
London, Ontario February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	128 94 306 257	19 668 731 226	147 762 1,037 483	52,145 148,909 243,015 138,585	1,041 3,593 12,575 23,423	12,643 10,131 35,214 30,847	14,118 2,194 105,153 79,816	27,802 15,918 152,942 134,086	79,947 164,827 395,957 272,671
Moncton, New Brunswick February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	28 22 50 64	5 11 16 101	33 33 66 165	7,342 8,122 20,087 23,981	0 205 1,258 4,735	10,652 6,315 26,501 14,148	5,287 158 10,502 413	15,939 6,678 38,261 19,296	23,281 14,800 58,348 43,277
Montréal, Quebec February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	226 244 719 620	1,711 1,234 4,165 3,645	1,937 1,478 4,884 4,265	379,606 328,485 1,040,596 993,682	31,455 36,718 85,989 118,880	123,149 167,015 395,408 574,220	85,349 55,356 154,746 413,399	239,953 259,089 636,143 1,106,499	619,559 587,574 1,676,739 2,100,181
Oshawa, Ontario February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	214 72 306 295	164 79 377 139	378 151 683 434	121,396 47,155 200,857 156,745	1,432 3,140 4,695 5,024	4,161 2,435 10,810 22,675	198 5,260 47,885 2,854	5,791 10,835 63,390 30,553	127,187 57,990 264,247 187,298
Ottawa-Gatineau, Ontario part, Ontario/Quebec February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	214 159 469 325	531 383 1,054 687	745 542 1,523 1,012	172,852 134,186 364,903 251,836	2,908 31,839 57,662 5,203	95,337 36,886 164,020 139,032	3,025 36,779 92,911 117,181	101,270 105,504 314,593 261,416	274,122 239,690 679,496 513,252
Ottawa-Gatineau, Quebec part, Ontario/Quebec February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	31 21 84 87	185 309 575 226	216 330 659 313	33,223 40,216 96,528 69,208	290 678 1,025 512	4,832 6,359 13,880 9,224	1,334 7,918 10,178 3,547	6,456 14,955 25,083 13,283	39,679 55,171 121,611 82,491
Peterborough, Ontario February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	4 34 41 34	14 80 94 4	18 114 135 38	3,102 14,168 19,083 11,478	0 1,106 1,805 6,500	485 3,322 4,580 4,126	343 540 1,317 4,635	828 4,968 7,702 15,261	3,930 19,136 26,785 26,739
Québec, Quebec February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	57 69 200 262	179 389 919 1,314	236 458 1,119 1,576	47,408 89,781 224,901 261,770	24,434 1,730 26,237 21,167	13,270 44,574 68,827 85,017	282 1,977 4,381 58,139	37,986 48,281 99,445 164,323	85,394 138,062 324,346 426,093

Table 6 - continued Dwelling units, value of residential and non-residential building permits, census metropolitan areas, seasonally adjusted, 2016

-	Number	of dwelling	units		Estir	mated value	of constructi	on	
	Singles 1	Multiples		Residential		Non-res	sidential		Total
			dwellings	-	Industrial (		Institutional and governmental	Total	
		units				thousands	of dollars		
Regina, Saskatchewan February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	68	47	115	25,557	1,988	14,934	41,672	58,594	84,151
	37	93	130	24,285	2,315	20,690	3,338	26,343	50,628
	220	193	413	91,180	4,655	45,636	49,191	99,482	190,662
	146	328	474	82,330	26,126	56,853	68,050	151,029	233,359
Saguenay, Quebec February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	16	13	29	7,438	43	2,366	1,276	3,685	11,123
	23	16	39	9,161	2,065	4,378	2,791	9,234	18,395
	48	86	134	26,937	2,327	9,606	4,067	16,000	42,937
	81	43	124	30,176	7,640	9,029	22,934	39,603	69,779
Saint John, New Brunswick February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	6	22	28	6,957	687	772	269	1,728	8,685
	24	18	42	8,727	182	4,334	729	5,245	13,972
	38	70	108	24,507	1,410	7,251	998	9,659	34,166
	32	5	37	20,322	1,537	5,301	728	7,566	27,888
Saskatoon, Saskatchewan February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	69	76	145	36,364	6,742	8,159	2,981	17,882	54,246
	54	68	122	26,657	1,460	9,022	421	10,903	37,560
	201	289	490	102,193	13,956	36,846	16,072	66,874	169,067
	263	756	1,019	192,601	9,050	78,827	1,728	89,605	282,206
Sherbrooke, Quebec February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	43	88	131	23,748	827	25,179	4,423	30,429	54,177
	28	78	106	26,444	866	5,651	1,547	8,064	34,508
	112	210	322	62,633	12,217	33,256	5,979	51,452	114,085
	108	303	411	75,854	2,245	19,148	30,113	51,506	127,360
St. Catharines-Niagara, Ontario February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	105	42	147	37,150	502	8,397	1,235	10,134	47,284
	101	35	136	45,636	798	6,006	1,539	8,343	53,979
	291	221	512	139,271	2,340	15,433	7,785	25,558	164,829
	288	148	436	119,701	3,000	39,758	7,181	49,939	169,640
St. John's, Newfoundland and Labrador February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	37 42 114 126	16 83 101 10	53 125 215 136	23,348 30,119 71,407 61,166	10 460 470 3,788	9,735 3,752 16,181 28,696	72 5,612 5,712 9,308	9,817 9,824 22,363 41,792	33,165 39,943 93,770 102,958
Thunder Bay, Ontario February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	0	2	2	227	0	2,006	154	2,160	2,387
	9	6	15	2,864	422	889	117	1,428	4,292
	13	8	21	4,161	460	3,049	321	3,830	7,991
	10	4	14	4,502	61	16,062	490	16,613	21,115
Toronto, Ontario February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	975	990	1,965	784,880	141,631	392,167	116,156	649,954	1,434,834
	855	1,692	2,547	991,150	48,143	291,536	86,908	426,587	1,417,737
	2,463	5,209	7,672	2,580,665	306,722	985,749	285,688	1,578,159	4,158,824
	2,991	6,311	9,302	2,589,429	268,110	919,641	226,270	1,414,021	4,003,450
Trois-Rivières, Quebec February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	15	7	22	5,832	2,227	3,141	636	6,004	11,836
	21	33	54	11,163	958	8,263	2,016	11,237	22,400
	38	93	131	27,536	3,388	13,632	3,871	20,891	48,427
	30	68	98	22,915	12,828	6,939	2,769	22,536	45,451

Table 6 – continued

Dwelling units, value of residential and non-residential building permits, census metropolitan areas, seasonally adjusted, 2016

	Numbe	r of dwelling	units		Estir	mated value	of constructio	n	
	Singles 1	Multiples		Residential		Non-res	idential		Total
			dwellings	-	Industrial Commercial Institutional and governmental		and	Total	
		units				thousands	of dollars		
Vancouver, British Columbia February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	323 300 924 816	1,353 1,468 4,587 5,044	1,676 1,768 5,511 5,860	477,859 580,464 1,624,763 1,514,424	20,865 11,658 44,084 54,059	177,472 139,934 468,708 372,683	31,095 16,522 67,203 105,628	229,432 168,114 579,995 532,370	707,291 748,578 2,204,758 2,046,794
Victoria, British Columbia February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	60 54 184 161	349 168 599 446	409 222 783 607	81,859 63,955 198,514 137,500	2,302 565 9,136 1,217	42,653 22,565 70,459 37,477	1,819 4,045 7,805 9,722	46,774 27,175 87,400 48,416	128,633 91,130 285,914 185,916
Windsor, Ontario February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	78 74 205 111	42 41 91 108	120 115 296 219	37,082 38,220 95,405 65,332	2,622 4,075 24,175 38,183	1,395 2,136 10,978 22,690	19 4,424 4,779 6,343	4,036 10,635 39,932 67,216	41,118 48,855 135,337 132,548
Winnipeg, Manitoba February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	158 153 450 390	219 227 649 638	377 380 1,099 1,028	74,497 83,901 242,666 252,847	33,888 2,531 60,421 11,177	30,840 72,616 132,140 112,238	12,793 11,296 35,033 56,655	77,521 86,443 227,594 180,070	152,018 170,344 470,260 432,917

<sup>1.</sup> Included in this category are the following types of dwellings: single-detached, mobile home and cottage.

Table 7 Dwelling units, provinces and territories, unadjusted, 2016

	Singles, includes mobile homes	Cottages	Doubles	Rows	Apartments	Conversions	Total dwellings
			number	of dwelling unit	s		
Canada February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	3,629 5,493 12,201 12,735	5 9 24 16	695 783 1,841 2,157	1,461 1,950 4,470 4,425	4,504 6,590 16,212 20,729	665 810 2,024 1,811	10,959 15,635 36,772 41,873
Newfoundland and Labrador February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	16 45 77 74	0 0 0	0 0 0 0	0 2 2 0	12 81 105 34	6 4 10 2	34 132 194 110
Prince Edward Island February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	11 28 42 21	0 0 1 0	0 4 4 0	14 22 36 0	5 22 27 4	0 0 0 1	30 76 110 26
Nova Scotia February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	63 94 204 146	2 1 4 4	0 9 13 8	6 4 24 14	49 229 528 584	10 12 24 46	130 349 797 802
New Brunswick February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	14 48 75 51	0 2 2 0	0 8 8 2	0 0 0 12	8 36 46 10	0 13 17 5	22 107 148 80
Quebec February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	595 999 1,913 1,776	1 1 7 10	166 234 463 560	126 172 343 252	2,121 1,710 4,631 4,270	168 331 645 691	3,177 3,447 8,002 7,559
Ontario February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	1,404 2,396 4,978 4,811	2 5 10 2	196 230 516 356	688 1,058 2,349 2,246	454 2,174 4,706 6,237	202 232 629 454	2,946 6,095 13,188 14,106
Manitoba February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	171 265 577 505	0 0 0 0	12 18 50 42	26 85 137 55	88 69 256 381	0 15 23 5	297 452 1,043 988
Saskatchewan February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	124 151 417 443	0 0 0 0	12 18 42 46	17 3 24 25	22 126 254 734	27 36 93 125	202 334 830 1,373
Alberta February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	602 758 2,062 3,167	0 0 0 0	176 216 550 904	172 203 540 1,157	885 178 1,539 3,296	65 53 177 204	1,900 1,408 4,868 8,728
British Columbia February <sup>r</sup> March <sup>p</sup> Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	625 696 1,833 1,724	0 0 0 0	133 46 195 239	412 401 1,015 663	860 1,963 4,108 5,161	187 107 396 276	2,217 3,213 7,547 8,063

Table 7 – continued

Dwelling units, provinces and territories, unadjusted, 2016

	Singles, includes mobile homes	Cottages	Doubles	Rows	Apartments	Conversions	Total dwellings
			number o	of dwelling unit	s		
Yukon February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	1 8 11 7	0 0 0	0 0 0	0 0 0 1	0 2 2 2	0 7 10 2	1 17 23 10
Northwest Territories February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	3 4 11 7	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	3 4 11 7
Nunavut February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	0 1 1 3	0 0 0 0	0 0 0 0	0 0 0 0	0 0 10 18	0 0 0 0	0 1 11 21

Table 8 Dwelling units, census metropolitan areas, unadjusted, March 2016

	Singles, includes mobile homes	Cottages	Doubles	Rows	Apartments	Conversions	Total dwellings
			number o	of dwelling i	units		
Abbotsford-Mission, British Columbia	28	0	0	17	45	0	90
Barrie, Ontario	19	0	0	25	0	14	58
Brantford, Ontario	11	0	0	17	0	1	29
Calgary, Alberta	228	0	44	110	46	0	428
Edmonton, Alberta	309	0	167	67	45	43	631
Greater Sudbury, Ontario	1	0	0	0	4	0	5
Guelph, Ontario	13	0	0	11	0	11	35
Halifax, Nova Scotia	37	0	0	4	117	12	170
Hamilton, Ontario	167	0	59	56	227	15	524
Kelowna, British Columbia	37	0	0	43	16	11	107
Kingston, Ontario	21	0	0	4	8	1	34
Kitchener-Cambridge-Waterloo, Ontario	124	0	0	16	103	18	261
London, Ontario	97	0	2	12	636	3	750
Moncton, New Brunswick	14	0	6	0	0	0	20
Montréal, Quebec	326	0	53	121	742	242	1,484
Oshawa, Ontario	74	0	0	60	0	17	151
Ottawa-Gatineau, Ontario/Quebec	192	0	31	171	443	19	856
Ottawa-Gatineau, Ontario part, Ontario/Quebec	164	0	8	163	187	16	538
Ottawa-Gatineau, Quebec part, Ontario/Quebec	28	0	23	8	256	3	318
Peterborough, Ontario	34	1	0	5	73	0	113
Québec, Quebec	92	0	32	7	312	14	457
Regina, Saskatchewan	46	0	10	3	82	3	144
Saguenay, Quebec	31	0	4	0	0	11	46
Saint John, New Brunswick	14	1	2	0	0	8	25
Saskatoon, Saskatchewan	65	0	6	0	44	22	137
Sherbrooke, Quebec	37	0	26	21	26	0	110
St. Catharines-Niagara, Ontario	103	1	10	24	0	0	138
St. John's, Newfoundland and Labrador	25	0	0	2	81	0	108
Thunder Bay, Ontario	9	0	0	0	0	6	15
Toronto, Ontario	884	0	101	546	921	85	2,537
Trois-Rivières, Quebec	28	0	8	0	18	5	59
Vancouver, British Columbia	301	0	8	315	1,467	57	2,148
Victoria, British Columbia	54	0	8	5	189	10	266
Windsor, Ontario	76	0	16	19	1	4	116
Winnipeg, Manitoba	155	0	18	85	43	9	310

Table 9 Dwelling units, census metropolitan areas, unadjusted, cumulative, January to March 2016

	Singles, includes mobile homes	Cottages	Doubles	Rows	Apartments	Conversions	Total dwellings
			number o	of dwelling u	units		
Abbotsford-Mission, British Columbia	66	0	1	60	65	6	198
Barrie, Ontario	60	0	8	41	1	31	141
Brantford, Ontario	108	0	0	17	0	6	131
Calgary, Alberta	655	0	104	163	237	3	1,162
Edmonton, Alberta	919	0	431	288	1,123	140	2,901
Greater Sudbury, Ontario	3	0	0	0	4	3	10
Guelph, Ontario	42	0	6	46	2	35	131
Halifax, Nova Scotia	94	0	2	24	412	14	546
Hamilton, Ontario	273	0	67	265	227	42	874
Kelowna, British Columbia	102	0	18	54	106	29	309
Kingston, Ontario	43	0	0	9	11	4	67
Kitchener-Cambridge-Waterloo, Ontario	252	0	15	84	222	35	608
London, Ontario	228	Õ	8	43	647	4	930
Moncton, New Brunswick	19	Õ	6	0	0	Ó	25
Montréal, Quebec	622	Õ	107	236	2.776	409	4,150
Oshawa, Ontario	206	Õ	10	211	20	46	493
Ottawa-Gatineau. Ontario/Quebec	419	ő	61	385	808	64	1.737
Ottawa-Gatineau, Ontario part, Ontario/Quebec	351	ŏ	20	365	359	54	1,149
Ottawa-Gatineau, Quebec part, Ontario/Quebec	68	ő	41	20	449	10	588
Peterborough, Ontario	38	1	0	5	73	8	125
Québec, Quebec	172	Ó	84	7	592	42	897
Regina, Saskatchewan	175	0	28	16	102	21	342
Saguenay, Quebec	48	0	6	0	25	26	105
Saint John. New Brunswick	16	1	2	0	0	12	31
Saskatoon, Saskatchewan	171	Ó	10	8	150	60	399
Sherbrooke, Quebec	91	0	49	29	95	12	276
St. Catharines-Niagara, Ontario	222	1	22	54	96	12	407
St. John's, Newfoundland and Labrador	45	Ó	0	2	95	4	146
Thunder Bay, Ontario	12	0	0	0	0	7	19
Toronto, Ontario	1,876	0	263	1,026	2,902	230	6,297
Trois-Rivières. Quebec	41	0	10	1,020	2,902	11	106
Vancouver. British Columbia	824	0	110	759	3,033	163	4,889
Victoria, British Columbia	162	0	18	22	3,033 442	32	4,669 676
Windsor, Ontario	157	0	32	34	<del>14</del> 4	4	228
Winnipeg, Manitoba	396	0	32 48	137	205	4 16	802

Table 10 Value of residential and non-residential building permits, provinces and territories, unadjusted, 2016

	Residential		Non-residential		Total
		Industrial	Commercial	Institutional	
				and governmental	
-				governmentar	
		tho	usands of dollars		
Canada	0.050.000	200 200	4.047.004	400.700	E 20E 444
February r March p	2,858,289 4,142,542	389,362 301,012	1,647,664 1,466,059	409,796 476,525	5,305,111 6,386,138
Cumulative Jan. to Mar. 2016	9,535,977	1,027,671	4,002,693	1,242,768	15,809,109
Cumulative Jan. to Mar. 2015	10,180,252	983,505	3,467,021	1,336,102	15,966,880
Newfoundland and Labrador	0.545	10	16,644	72	25,241
February <sup>r</sup> March <sup>p</sup>	8,515 28,226	1,332	5,367	5,612	40,537
Cumulative Jan. to Mar. 2016	44,885	1,372	25,918	6,822	78,997
Cumulative Jan. to Mar. 2015	31,835	3,831	30,567	10,008	76,241
Prince Edward Island February r	4.833	312	1,388	0	6,533
March P	10,994	2,012	2,401	2,576	17,983
Cumulative Jan. to Mar. 2016	16,320	2,329	4,659	2,644	25,952
Cumulative Jan. to Mar. 2015	7,881	1,397	4,625	6,805	20,708
Nova Scotia February <sup>r</sup>	24,599	2,085	12,793	1,736	41,213
March p	70,628	3,515	18,380	12,610	105,133
Cumulative Jan. to Mar. 2016	148,120	8,453	44,330	18,818	219,721
Cumulative Jan. to Mar. 2015	143,599	11,169	39,239	10,036	204,043
New Brunswick February r	4,614	539	21,315	5,916	32,384
March p	17,983	2,822	15,164	2,340	38,309
Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	27,640 19,110	4,200 19,902	51,699 27,764	14,922 5,815	98,461 72,591
	19,110	19,902	21,104	3,613	72,391
<b>Quebec</b> February r	593,156	75,169	145,788	101,592	915,705
March p	685,838	57,160	297,466	95,960	1,136,424
Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	1,566,661 1,536,645	193,344 195,787	539,963 628,179	213,205 356,100	2,513,173 2,716,711
	1,000,040	100,707	020,170	000,100	2,710,711
Ontario February r	1,034,497	213,116	517,922	131,180	1,896,715
March p	1,886,966	148,008	472,089	165,008	2,672,071
Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	3,969,500 3,708,278	513,801 394,675	1,346,071 1,255,194	514,512 329,662	6,343,884 5,687,809
Manitoba	0,100,210	33.,0.0	.,200,.0.	020,002	0,00.,000
February r	65,218	35,186	27,294	10,641	138,339
March P Cumulative Jan. to Mar. 2016	113,979 255,179	4,682	106,700 161,599	22,597 39,947	247,958
Cumulative Jan. to Mar. 2015	249,376	65,532 41,615	113,377	71,839	522,257 476,207
Saskatchewan					
February <sup>r</sup>	48,745	5,438	22,816	22,621	99,620
March P Cumulative Jan. to Mar. 2016	74,707 178,455	3,824 12,238	28,263 75,271	9,614 41,553	116,408 307,517
Cumulative Jan. to Mar. 2015	262,180	44,453	157,716	63,157	527,506
Alberta					
February <sup>r</sup>	457,698	23,686	606,604	77,387	1,165,375
March P Cumulative Jan. to Mar. 2016	416,004 1,279,697	38,443 128,505	289,685 1,097,304	119,172 234,570	863,304 2,740,076
Cumulative Jan. to Mar. 2015	2,199,393	146,095	696,843	286,190	3,328,521
British Columbia					
February r March p	615,351 833,312	33,770 39,209	274,088 217,209	35,820 32,188	959,029 1,121,918
Cumulative Jan. to Mar. 2016	2,038,744	97,841	641,520	115,749	2,893,854
Cumulative Jan. to Mar. 2015	2,013,749	123,579	503,908	192,119	2,833,355

Table 10 – continued

Value of residential and non-residential building permits, provinces and territories, unadjusted, 2016

		Val	ue of construction		
·	Residential		Non-residential		Total
		Industrial	Commercial	Institutional and governmental	
_		tho	usands of dollars		
Yukon February r March P Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	451 1,901 2,708 1,669	0 5 5 0	685 8,989 9,686 1,770	22,806 0 22,815 3,893	23,942 10,895 35,214 7,332
Northwest Territories February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	612 1,704 4,268 2,742	23 0 23 1,002	327 4,346 4,673 7,839	0 8,848 17,186 478	962 14,898 26,150 12,061
Nunavut February r March p Cumulative Jan. to Mar. 2016 Cumulative Jan. to Mar. 2015	0 300 3,800 3,795	28 0 28 0	0 0 0 0	25 0 25 0	53 300 3,853 3,795

Table 11 Value of residential and non-residential building permits, census metropolitan areas, unadjusted, March 2016

	Value of construction						
	Residential Non-residential						
		Industrial	Commercial	Institutional			
				and			
	governmental						
	thousands of dollars						
Abbotsford-Mission, British Columbia	16,022	2,045	145	57	18,269		
Barrie, Ontario	13,085	2,917	2,067	101	18,170		
Brantford, Ontario	6,876	19,176	195	2	26,249		
Calgary, Alberta	143,757	1,074	122,581	27,666	295,078		
Edmonton, Alberta	184,731	23,542	123,954	27,537	359,764		
Greater Sudbury, Ontario	3,046	0	3,093	416	6,555		
Guelph, Ontario	9,984	1,878	9,205	267	21,334		
Halifax, Nova Scotia	32,439	441	13,934	2,548	49,362		
Hamilton, Ontario	181,805	1,284	26,706	2,404	212,199		
Kelowna, British Columbia	31,219	3,008	4,571	10	38,808		
Kingston, Ontario	9,397	210	2,215	8,084	19,906		
Kitchener-Cambridge-Waterloo, Ontario	66,709	2,387	7,483	43,112	119,691		
London, Ontario	141,120	2,171	9,901	1,126	154,318		
Moncton, New Brunswick	4,522	574	6,221	158	11,475		
Montréal, Quebec	315,844	27,096	175,984	61,672	580,596		
Oshawa, Ontario	45,511	1,897	2,380	2,700	52,488		
Ottawa-Gatineau, Ontario/Quebec	165,824	19,738	42,751	27,700	256,013		
Ottawa-Gatineau, Ontario part, Ontario/Quebec	128,409	19,238	36,050	18,879	202,576		
Ottawa-Gatineau, Quebec part, Ontario/Quebec	37,415	500	6,701	8,821	53,437		
Peterborough, Ontario	13,617	668	3,247	277	17,809		
Québec, Quebec	85,306	1,277	46,968	2,203	135,754		
Regina, Saskatchewan	27,422	1,726	15,119	2,617	46,884		
Saguenay, Quebec	9,961	1,524	4,613	3,110	19,208		
Saint John, New Brunswick	4,756	508	4,269	729	10,262		
Saskatoon, Saskatchewan	30,659	1,088	6,593	330	38,670		
Sherbrooke, Quebec	25,483	639	5,955	1,723	33,800		
St. Catharines-Niagara, Ontario	44,206	482	5,870	790	51,348		
St. John's, Newfoundland and Labrador	20,681	460	3,752	5,612	30,505		
Thunder Bay, Ontario	2,776	255	869	60	3,960		
Toronto, Ontario	950,632	29,089	284.925	44,611	1,309,257		
Trois-Rivières, Quebec	11,409	707	8.707	2.246	23,069		
Vancouver, British Columbia	569,997	21,997	164,557	16,796	773,347		
Victoria, British Columbia	62,598	1,067	26,535	4,112	94,312		
Windsor, Ontario	36,908	2,462	2,088	2,271	43,729		
Winnipeg, Manitoba	78,655	2,531	102,277	14,433	197,896		

Table 12
Value of residential and non-residential building permits, census metropolitan areas, unadjusted, cumulative, January to March 2016

	Residential Non-residential						
9		Industrial	Commercial	Institutional and governmental			
	thousands of dollars						
Abbotsford-Mission, British Columbia Barrie, Ontario Brantford, Ontario Calgary, Alberta Edmonton, Alberta Greater Sudbury, Ontario Guelph, Ontario Halifax, Nova Scotia Hamilton, Ontario Kelowna, British Columbia Kingston, Ontario Kitchener-Cambridge-Waterloo, Ontario London, Ontario Moncton, New Brunswick Montréal, Quebec Oshawa, Ontario Ottawa-Gatineau, Ontario/Quebec Ottawa-Gatineau, Quebec part, Ontario/Quebec Ottawa-Gatineau, Quebec part, Ontario/Quebec Peterborough, Ontario Québec, Quebec Regina, Saskatchewan Saguenay, Quebec Saint John, New Brunswick Saskatoon, Saskatchewan Sherbrooke, Quebec St. Catharines-Niagara, Ontario St. John's, Newfoundland and Labrador	33,751 39,641 38,993 391,568 689,712 8,392 32,656 94,643 287,431 94,126 16,954 160,733 206,766 5,922 831,894 147,527 355,789 278,134 77,655 16,931 166,806 70,516 20,003 6,266 79,933 50,506 112,454 32,400	7,891 23,206 22,382 9,578 34,233 411 3,375 1,216 4,306 3,938 700 10,824 8,385 724 67,346 3,402 37,891 37,073 818 1,124 25,760 3,130 1,675 615 8,051 6,651 1,660 470	4,434 9,050 7,402 249,005 700,839 23,858 11,114 30,170 48,935 38,424 5,623 35,433 30,447 30,110 335,915 9,235 154,588 142,594 11,994 4,266 63,958 32,645 8,258 6,715 24,089 25,638 13,873 16,181	212 935 134 40,741 74,449 1,630 879 6,911 35,882 28,335 8,667 58,041 63,146 10,502 139,877 28,078 63,052 52,445 10,607 757 4,118 25,168 4,112 998 7,618 5,202 4,572 5,712	46,288 72,832 68,911 690,892 1,499,233 34,291 48,024 132,940 376,554 164,823 31,944 265,031 308,744 47,258 1,375,032 188,242 611,320 510,246 101,074 23,078 260,642 131,459 34,048 14,594 119,691 87,997 132,559		
Thunder Bay, Ontario Toronto, Ontario Trois-Rivières, Quebec Victoria, British Columbia Victoria, British Columbia Windsor, Ontario Winnipeg, Manitoba	3,725 2,075,395 20,458 1,370,911 166,688 75,612 194,709	280 246,288 3,035 41,076 6,593 16,467 60,421	2,709 856,821 12,475 453,517 74,484 9,095 148,011	190 169,041 3,718 50,928 6,720 2,483 28,076	6,904 3,347,545 39,686 1,916,432 254,485 103,657 431,217		

Table 13 Value of non-residential building permits, by type of building, provinces and territories, unadjusted, March 2016

2,243,596 301,012 93,110 79,026 70,469 58,407 1,466,059 332,674 162,359 18,734 498,299 101,246 186,049 6,902 223,869 52,395 110,911	12,311 1,332 350 0 550 432 5,367 350 550 500 1,675 0 0 2,292 5,612	thousa  6,989 2,012 540 0 1,100 372 2,401 650 0 0 900 0 851 2,576	34,505 3,515 1,250 0 1,300 965 18,380 5,963 0 5,000 7,223 925 0 0 3,769	20,326 2,822 0 1,000 700 1,122 15,164 7,373 0 500 3,480 0 859	450,586 57,160 23,825 9,717 13,130 10,488 297,466 89,995 17,816 2,650 39,613 41,899	785,105 148,008 43,061 37,009 44,861 23,077 472,089 90,136 2,840 186,480 30,360
301,012 93,110 79,026 70,469 58,407 1,466,059 332,674 162,359 18,734 498,299 101,246 186,049 6,902 159,796 476,525 223,869 52,395	1,332 350 0 550 432 5,367 350 550 500 1,675 0 0 2,292 5,612 0	2,012 540 0 1,100 372 2,401 650 0 900 0 851	3,515 1,250 0 1,300 965 18,380 5,963 0 500 7,223 925 0	2,822 0 1,000 700 1,122 <b>15,164</b> 7,373 0 500 3,480 0 859	57,160 23,825 9,717 13,130 10,488 297,466 89,995 17,816 2,650 39,613	148,008 43,061 37,009 44,861 23,077 472,089 81,377 90,136 2,840 186,480
93,110 79,026 70,466,059 332,674 162,359 18,734 498,299 101,246 186,049 6,902 159,796 476,525 223,869 52,395	350 0 550 432 <b>5,367</b> 350 550 500 1,675 0 0 2,292 <b>5,612</b>	540 0 1,100 372 <b>2,401</b> 650 0 0 900 0	1,250 0 1,300 965 <b>18,380</b> 5,963 0 500 7,223 925 0	0 1,000 700 1,122 <b>15,164</b> 7,373 0 500 3,480 0 859	23,825 9,717 13,130 10,488 <b>297,466</b> 89,995 17,816 2,650 39,613	43,061 37,009 44,861 23,077 <b>472,089</b> 81,377 90,136 2,840 186,480
79,026 70,469 58,407 <b>1,466,059</b> 332,674 162,359 18,734 498,299 101,246 186,049 6,902 159,796 <b>476,525</b> 223,869 52,395	0 550 432 <b>5,367</b> 350 550 500 1,675 0 0 2,292 <b>5,612</b>	0 1,100 372 <b>2,401</b> 650 0 0 900 0 900	1,300 965 <b>18,380</b> 5,963 0 500 7,223 925 0	1,000 700 1,122 <b>15,164</b> 7,373 0 500 3,480 0 859	9,717 13,130 10,488 <b>297,466</b> 89,995 17,816 2,650 39,613	37,009 44,861 23,077 <b>472,089</b> 81,377 90,136 2,840 186,480
70,469 58,407 <b>1,466,059</b> 332,674 162,359 18,734 498,299 101,246 186,049 6,902 159,796 <b>476,525</b> 223,869 52,395	550 432 <b>5,367</b> 350 550 500 1,675 0 0 2,292 <b>5,612</b>	1,100 372 <b>2,401</b> 650 0 0 900 0 851	1,300 965 <b>18,380</b> 5,963 0 500 7,223 925 0	700 1,122 <b>15,164</b> 7,373 0 500 3,480 0 859	13,130 10,488 <b>297,466</b> 89,995 17,816 2,650 39,613	44,861 23,077 <b>472,089</b> 81,377 90,136 2,840 186,480
58,407 1,466,059 332,674 162,359 18,734 498,299 101,246 186,049 6,902 159,796 476,525 223,869 52,395	432 <b>5,367</b> 350 550 500 1,675 0 0 2,292 <b>5,612</b> 0	372 2,401 650 0 0 900 0 0 851	965 <b>18,380</b> 5,963 0 500 7,223 925 0	1,122 <b>15,164</b> 7,373 0 500 3,480 0 859	10,488 <b>297,466</b> 89,995 17,816 2,650 39,613	23,077 <b>472,089</b> 81,377 90,136 2,840 186,480
1,466,059 332,674 162,359 18,734 498,299 101,246 186,049 6,902 159,796 476,525 223,869 52,395	5,367 350 550 500 1,675 0 0 0 2,292 5,612 0	2,401 650 0 0 0 900 0 0 851	18,380 5,963 0 500 7,223 925 0	<b>15,164</b> 7,373 0 500 3,480 0 859	297,466 89,995 17,816 2,650 39,613	<b>472,089</b> 81,377 90,136 2,840 186,480
332,674 162,359 18,734 498,299 101,246 186,049 6,902 159,796 476,525 223,869 52,395	350 550 500 1,675 0 0 0 2,292 <b>5,612</b>	650 0 0 0 900 0 0 851	5,963 0 500 7,223 925 0	7,373 0 500 3,480 0 859	89,995 17,816 2,650 39,613	81,377 90,136 2,840 186,480
162,359 18,734 498,299 101,246 186,049 6,902 159,796 <b>476,525</b> 223,869 52,395	550 500 1,675 0 0 2,292 <b>5,612</b>	0 0 900 0 0 851	0 500 7,223 925 0	0 500 3,480 0 859	17,816 2,650 39,613	90,136 2,840 186,480
18,734 498,299 101,246 186,049 6,902 159,796 <b>476,525</b> 223,869 52,395	500 1,675 0 0 2,292 <b>5,612</b>	0 0 900 0 0 851	500 7,223 925 0 0	500 3,480 0 859	2,650 39,613	2,840 186,480
498,299 101,246 186,049 6,902 159,796 <b>476,525</b> 223,869 52,395	1,675 0 0 0 2,292 <b>5,612</b> 0	0 900 0 0 851	7,223 925 0 0	3,480 0 859	39,613	186,480
101,246 186,049 6,902 159,796 <b>476,525</b> 223,869 52,395	0 0 2,292 <b>5,612</b> 0	900 0 0 851	925 0 0	0 859		
186,049 6,902 159,796 <b>476,525</b> 223,869 52,395	0 0 2,292 <b>5,612</b> 0	0 0 851	0	859	41,899	30.360
6,902 159,796 <b>476,525</b> 223,869 52,395	2,292 <b>5,612</b> 0	0 851	0			
159,796 <b>476,525</b> 223,869 52,395	2,292 <b>5,612</b> 0	851	-	0	75,415	22,832
<b>476,525</b> 223,869 52,395	<b>5,612</b> 0		3.769	-	800	800
223,869 52,395	0	2.576		2,952	29,278	57,264
52,395		_,	12,610	2,340	95,960	165,008
		1,107	10,665	757	62,075	51,145
110 911	0	400	0	0	4,639	19,484
	0	350	0	435	2,976	73,243
10,927	1,800	500	1,070	0	0	2,345
49,674	3,800	0	0	0	20,761	9,691
28,749	12	219	875	1,148	5,509	9,100
Manitoba	Saskat-	Alberta	British	Yukon	Northwest Territories	Nunavu
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<sup>1.</sup> Refer to projects valued at less than \$250,000 for which the breakdown by type of building is not available.

# **Description – Monthly survey of building permits**

The following information should be used to ensure a clear understanding of the basic concepts that define the data provided in this product, of the underlying methodology of the survey, and of key aspects of the data quality. This information will provide you with a better understanding of the strengths and limitations of the data, and of how they can be effectively used and analysed. The information may be of particular importance to you when making comparisons with data from other surveys or sources of information, and in drawing conclusions regarding change over time.

# Data source and methodology

The purpose of the Monthly Survey of Building Permits issued by Canadian municipalities is to collect data on construction intentions. The results of this survey are used by the Canada Mortgage and Housing Corporation (CMHC) as a reference base for conducting a monthly survey of housing starts and completions in accordance with its mandate. The statistics on building permits are also essential for the computation of capital expenditures. Furthermore, since the issuance of a building permit is one of the first steps in the construction process, these statistics are widely used as a leading indicator of building activity.

General methodology: The Building Permits Survey covers all Canadian municipalities that issue permits. The number of Canadian municipalities currently surveyed approximately 2,400, representing all the provinces and territories. They account for 95% of the Canadian population. Participation in the survey is mandatory; the survey does not use a predetermined sample of municipalities. The communities representing the other 5% of the population are very small, and their level of building activity have little impact on the total. In practice, all urban agglomerations are represented in the survey, as well as a fair percentage of rural municipalities. With certain exceptions, the minimum coverage corresponds to the municipalities already included in the CMHC Housing Starts and Completions Survey. Non-responding municipalities that issue permits are urged on a regular basis to respond to the Building Permit Survey. Therefore, the number of municipalities covered is increasing continually.

The survey is usually conducted by mail, although certain municipalities choose to respond by telephone. The municipal officer responsible for issuing permits is asked to fill out a form each month describing all major construction projects.

The municipalities forward a copy of their completed report to Statistics Canada's Head Office and another copy to the local office of the CMHC. To reduce their overhead, an increasing number of respondents are producing a computerized report. Only those municipalities that are late in reporting and that are included in the above-mentioned CMHC. survey are subject to follow-up by telephone.

The reports received at Statistics Canada's Head Office are verified, coded and processed.

Strict quality control procedures are applied to ensure that collection, coding and data processing are as accurate as possible. Checks are also performed on totals and the magnitude of data. Reports that fail to meet the quality standards are subject to verification and are corrected as required.

Imputations are required for each characteristic for which no report has been received. These are calculated automatically, subject to certain constraints, by applying to previously used values, the month-to-month and year-to-year changes in similar values of responding municipalities and the historical pattern of the missing municipalities. No estimation is done for lack of coverage, concealment or the underevaluation of permits issued. For this reason, the sampling error cannot be computed.

The monthly statistics are not corrected for cancelled or expired permits. According to the municipal officers, the proportion of cancelled and unused permits is below 5%.

Reference period: The reference period for data collection purposes is the calendar month. Reports from municipalities which are part of a census metropolitan area or a census agglomeration must be received within 20 days following the month of reference. The other municipalities have 30 days to produce their reports. Results are released between 35 and 40 days after the end of the reference month. Annual data for the preceding calendar year are released with the data for the January survey month.

Revisions: Two types of revisions can affect the results of the Building Permits Survey:

#### Revisions due to the correction of coding errors

These types of revisions are done on a monthly basis only to the data pertaining to the month preceding the reference period.

#### Revisions due to the addition of late reports

Late reports for the month preceding the reference period are incorporated into the survey results on a continuing basis. However, reports received after the two-month deadline following the reference month are introduced only at the end of the year. As a result, the data for the last twelve months are subject to revision.

**Seasonal adjustment**: Components of the building permits for which seasonal variation is present are seasonally adjusted using the X-12 ARIMA method. Seasonally adjusted data for the total number of housing units and the aggregate value of building permits are obtained indirectly, i.e., by adding up their seasonally adjusted components. Specifically, the total number of dwelling units is obtained by summing the seasonally adjusted data for single-family and multi-family units. The total value of building permits is obtained by summing the following components: residential, industrial, commercial and institutional. In cases where the component series contains no apparent seasonality, unadjusted values are used in the place of seasonally adjusted values in these aggregations.

At the end of the year, the seasonally adjusted time series are revised to take into account the most recent seasonal fluctuations at the same time as a revision to the previous year of the unadjusted data. In general, revisions for the seasonally adjusted estimates extending back three years are made with the release of January building permits data.

For more information on seasonal adjustment, see Seasonally adjusted data - Frequently asked questions.

As a complement to the seasonally adjusted series, trend-cycle estimates are produced to indicate the long-term underlying movement of a series and may also be used as early indicators of the direction of the short-term trend (within the current year). Both the seasonally adjusted and trend-cycle estimates are subject to revision as new data points are added to the series. These revisions could be large and even lead to a reversal of movement, especially at the end of the trend series. The higher variability associated with the trend-cycle estimates is indicated with a dotted line for the most recent four months on the graphs.

Starting with the release of January 2016 data, the Monthly survey of building permits trend-cycle is estimated using a standard method employed by several monthly economic indicators at Statistics Canada. For more information on this method, see the *StatCan Blog* and *Trend-cycle estimates – Frequently asked questions*.

## Concepts and variables measured

The statistical data presented in this product refers to the number of dwelling units authorized and the **value of building permits**. The value of the permits reported includes the following expenditures: materials, labour, profit and overhead. The cost of land is never included in the estimated value of the permit while acquisition costs (legal fees, surveying fees and accrued interest) may be included at times.

The classification used in this publication deals strictly with structures for which a building permit was issued. Permits are generally issued for the following: construction of new buildings, alterations, additions, renovations, etc. Minor repair jobs such as painting, tiling, roofing, etc., for which no permit is required, and engineering work (such as dams, roads, pipelines, etc.), which, by definition, is not a building, are not included in the building permit series. Estimates of such work may be obtained on Cansim, tables 029-0039 to 029-0040 for the «Capital expenditures by type of asset» and tables 029-0005 to 029-0024 and 032-0001 to 032-0002 for the «Private and Public Investment in Canada Intentions» (cat. no. 61-205-X).

The description given by the municipalities as to the type of building (box #6 of Section A on the form) and the type of work involved (box #7 of Section A on the form) forms the basis for classification. The classification of buildings into major groups and subgroups is based on the following: intended use in the case of new buildings; present or intended use of buildings to which improvements are to be made; present use of the existing structure where the proposed construction is intended to provide additional facilities; principal use of the structure where the proposed construction has more than one intended use; however, where the building contains dwellings, the value of the construction is divided between residential and non-residential use.

# **Building categories**

This publication, uses the following classification for the **value of permits issued** for construction of new buildings or for improvements: residential, industrial, commercial, institutional and government.

**Residential:** Includes all buildings intended for private occupancy whether on a permanent basis or not. Dwellings are divided into the following types: single-family, mobile, cottage, semi-detached, row house and apartment building.

**Industrial:** Includes all buildings used for manufacturing and processing; transportation, communication and other utilities, and agriculture, forestry and mining.

**Commercial:** Includes all buildings used to house activities related to the tertiary sector, such as stores, warehouses, garages, office buildings, theatres, hotels, funeral parlours and beauty salons.

**Institutional and Government:** Includes expenditures made by the community, public and government for buildings and structures like schools, universities, hospitals, clinics, churches, homes for the aged.

The **number of dwelling units** indicates the number of self contained dwelling units created. This should not be confused with the number of structures. For example, an apartment building containing six dwellings will be shown as six dwelling units. When an existing structure is converted into additional housing units, the number of units added is included. This publication uses the following classification for dwelling units:

**Single-family:** Refers to dwellings commonly called "**single house**". It includes single dwellings that are completely isolated on all sides, including single dwellings linked to other dwellings below ground. Included are bungalows, split levels, two-storey single-family homes built by conventional methods or prefabricated.

**Mobile homes:** Refers to houses designed and constructed to be transported on their own chassis and for easy moving.

**Cottage:** Refers to dwellings that cannot be occupied year-round or on a permanent basis because the facilities required for comfort are inadequate.

**Double or Semi-detached:** Refers to dwellings in which each of the two dwellings are side by side and joined by a common wall or garage, but not attached to any other building and surrounded by open space.

Row Dwellings: Refers to a row of three or more dwellings attached to each other without dwellings above or below.

**Apartment Building:** Includes dwellings in a variety of buildings such as duplexes, semi-detached duplexes, triplexes, row duplexes, apartments as such and dwellings adjacent to non-residential structures.

**Conversion:** Refers to the number of dwellings added by conversion of existing structures.

# Geographic classification

Geographic entities are classified according to Standard Geographical Classification (SGC) used by Statistics Canada. Each reporting entity is assigned a twelve-digit SGC code for identification according to the following geographic levels:

Province and territory (PR): There are ten provinces and three territories.

Economic region (ER): Refers to intraprovincial regions established by the Standards Division of Statistics Canada. There are seventy-six ERs.

Census division (CD): Refers to a group of census subdivisions established by provincial law. There are two hundred and eighty-eight CDs (data on this geographic group is available on request).

Census metropolitan area (CMA): Its delineation corresponds to the 2011 Census definition. The term CMA refers to the main labour market area of an urban area (the urbanized core) of at least 100,000 population, based on the Census population figures. The thirty-three CMAs are shown in this publication. Although the 2011 Census defines the Ottawa-Gatineau area as a single CMA, the area is shown in this publication as two separate entities since it is located in two different provinces.

Census agglomeration (CA): Refers to the smaller labour market area of an urbanized core of at least 10,000 population, as defined by the 2011 Census. There are one hundred and eleven CAs in Canada. When a CA overlaps the boundaries of two provinces, it is shown partly in each province. The Lloydminster agglomeration is an exception to this rule. It is treated as if it was totally located in Alberta.

Other municipalities of at least 10,000 population: Refers to municipalities not included in census agglomerations but with populations of at least 10,000 inhabitants. The distinction is made between these municipalities and CAs in order to permit comparison between the Building Permits Survey and the Housing Starts and Completions Survey which refers to this geographical concept.

Rural area: Refers to all geographic entities not included in a CMA or CA and not identified as an urban centre by the Canada Mortgage and Housing Corporation.

Census subdivision (CSD): Refers to the general term applying to municipalities, Indian reserves, Indian settlements and unorganized territories. However, since Indian reserves and settlements do not issue building permits, they are not included in this publication.

Non-standard geographic unit: The geographic units shown in this publication do not all satisfy the above definition of census subdivision. Some provincial or municipal administrations producing monthly reports do not correspond to the official geographic entities; they are nevertheless shown in this publication under the geographic entity used by these administrations. These so-called non-standard geographic units are few in number and are mostly concentrated in the Maritime provinces.

#### Territorial revisions

Territorial boundaries were established according to the 2011 Census definitions. Changes in boundaries, status or name of census subdivisions between censuses are introduced in this publication on a yearly basis. Changes affecting the other geographic units (CMAs, CAs, CDs and ERs) are introduced every five years, eighteen months following the census.

### **Data accuracy**

Since the building permit data are extracted from municipal administrative documents, two types of response errors are possible: errors attributable to the permit applicant and errors in transcription by the responding municipality. However, experience has shown that transcription errors are not very common and the increasing number of municipalities producing computerized reports tends to reduce the frequency of this type of error. Errors attributable to an understatement of the cost of construction are more probable. Since permit fees are in most cases based on the value of the construction, this leads unquestionably to under-estimation of project values.

In the last years, an average of 98.0% of the municipalities covered by the survey filed their monthly reports for the Building Permits Survey. The average monthly revision rate over the last few years has been 0.5%.

# Comparability of data and related sources

Comparison of data must be done with reservation considering that the methods of issuing permits and the methods of estimating building values can differ from one municipality to another. Also, comparisons involving different periods must take into account the constant increase in the number of municipalities participating in the survey.

This publication contains only part of the data produced on building permits. unpublished tables or address special requests, to the Building Construction and Property Value Section (613-951-6321 or 1-800-579-8533). The series presented here is also available on CANSIM: Tables 026-0001 to 026-0008 and 026-0010.

## Appendix I

#### Geographical abbreviations

C City / Cité

CC Chartered community
CG Community government

CN Crown colony / Colonie de la couronne

COM Community

CT Canton (municipalité de)
CU Cantons unis (municipalité de)

CV City / Ville CY City

DM District municipality

HAM Hamlet

ID Improvement district IGD Indian government district

IM Island municipality

IRI Indian reserve / Réserve indienne

LGD Local government district
LOT Township and royalty
M Municipality / Municipalité

MD Municipal district
MÉ Municipalité
MU Municipality
NH Northern hamlet
NL Nisga'a land

NO Unorganized / Non organisé

NV Northern village NVL Nisgaa village

P Parish / Paroisse (municipalité de)

PE Paroisse (municipalité de)

RCR Rural community / Communauté rurale

RDA Regional district electoral area

RG Region

RGM Regional municipality
RM Rural municipality
RV Resort village

S-É Indian settlement / Établissement indien

SA Special area

SC Subdivision of county municipality / Subdivision municipalité de comté

SÉ Settlement / Établissement

SET Settlement

SG Self-government / Autonomie gouvernementale

SM Specialized municipality

SNO Subdivision of unorganized / Subdivision non organisée

SV Summer village

T Town

TC Terres réservées aux Cris

ΤI Terre inuite

ΤK Terres réservées aux Naskapis

Teslin land TL TP Township TV Town / Ville Ville V VC Village cri Village naskapi VK VLVillage

VN Village nordique

Source: Statistics Canada, 2011 Census of Population.

http://www12.statcan.gc.ca/census-recensement/2011/ref/dict/table-tableau/table-tableau-5-eng.cfm