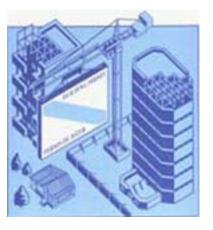
Catalogue no. 64-001-X

# **Building Permits**

July 2016





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#### Statistics Canada

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

# **Building Permits**

## July 2016

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#### **Symbols**

The following standard symbols are used in Statistics Canada publications:

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

#### **Acknowledgements**

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#### Important notice

Changes in boundaries, status or names of geographical entities that occurred before January 2014, are reflected in this publication. These geographical changes may be obtained by writing to:

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Ottawa, Ontario K1A 0T6
or by telephoning: 613-951-6321

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## **Highlights**

Municipalities issued building permits worth 6.5 billion in July, up 0.8% from the previous month. The advance was largely the result of higher construction intentions for institutional and industrial buildings. Ontario and Alberta led the national increase.

## Analysis – July 2016

Municipalities issued building permits worth \$6.5 billion in July, up 0.8% from the previous month. The advance was largely the result of higher construction intentions for institutional and industrial buildings. Ontario and Alberta led the national increase.

In the non-residential sector, the value of building permits advanced 5.6% to \$2.4 billion. The gain followed two consecutive months of declines. Increases were reported in four provinces, most notably Ontario.

The value of residential building permits was down 2.0% to \$4.0 billion in July, the fourth consecutive monthly decrease. Lower construction intentions were posted in five provinces, with British Columbia, Ontario and Quebec leading the decline.

#### Non-residential sector: Higher construction intentions in all components

In July, all three non-residential components posted higher construction intentions, with institutional structures leading the advance, followed by industrial buildings.

The value of permits for institutional buildings rose 9.6% to \$740 million in July, the third increase in four months. The advance was largely the result of higher construction intentions for medical facilities and, to a lesser extent, retirement residences. Gains in Ontario offset declines observed in six provinces, led by Saskatchewan.

In the industrial component, the value of permits advanced 17.1% to \$418 million, following five consecutive monthly declines. The increase stemmed from higher construction intentions for transportation terminals and, to a lesser degree, maintenance-related buildings. The value of building permits was up in four provinces, most notably Ontario, followed by Alberta and Manitoba.

The value of commercial building permits edged up 0.3% to \$1.3 billion in July. Higher construction intentions for office buildings and retail complexes were mostly responsible for the gain. Increases were registered in seven provinces, with Ontario reporting the largest advance.

#### Residential sector: Single-family dwellings report the largest decline

The value of permits for single-family dwellings declined 3.0% to \$2.4 billion in July, following a 4.8% increase in June. Every province, except Nova Scotia and Manitoba, posted a decrease. The largest drop was reported in Ontario, followed by British Columbia and Alberta.

Construction intentions for multi-family dwellings edged down 0.4% to \$1.7 billion in July, the fifth decline since the beginning of 2016. The value of permits was down in four provinces, with British Columbia and Quebec reporting the largest decreases.

Municipalities approved the construction of 15,388 new dwellings in July, 2.2% more than in June, when the number of new units approved was at its lowest since December 2012. The advance in July was attributable to multi-family dwellings, up 3.9% to 9,652 new units. In contrast, the number of single-family homes declined 0.5% to 5,736 new dwellings.

#### Provinces: Ontario posts the largest increase

In July, higher construction intentions were reported in four provinces, led by Ontario, followed by Alberta and Manitoba.

The value of building permits in Ontario was up 11.1% to \$2.8 billion, following an 8.2% decline in June. The gain was attributable to higher construction intentions for non-residential buildings, led by institutional structures, followed by commercial and industrial buildings. The advance was moderated by a 2.6% decrease in the value of residential dwelling permits.

Following two consecutive monthly declines, the value of building permits in Alberta rose 7.4% to \$951 million in July. All components were up, except single-family dwellings. The gain was largely the result of higher construction intentions for multi-family dwellings and industrial buildings.

In Manitoba, the value of building permits increased 17.6% to \$230 million. Every component registered a gain, led by industrial buildings and multi-family dwellings.

Conversely, Saskatchewan and Quebec posted the largest declines. In Saskatchewan, the value of building permits was down 44.3%, offsetting the notable advance in June. In Quebec, the 10.1% drop followed two consecutive monthly increases.

#### Census metropolitan areas: Toronto registers the most significant advance

In July, the value of building permits was up in 14 of the 34 census metropolitan areas. The largest increases were registered in Toronto and Ottawa.

In Toronto, the value of permits rose 18.5% to \$1.5 billion. Every component, except single-family dwellings, posted a gain. Higher construction intentions for institutional and commercial buildings were largely responsible for the advance.

The value of building permits in Ottawa was up 58.0% to \$339.4 million in July, a second consecutive monthly increase. While every component registered a gain, higher construction intentions for multi-family dwellings led the advance.

In contrast, Saskatoon recorded the largest decrease (-68.1%), following three consecutive monthly increases. While lower construction intentions were reported for all components, institutional buildings accounted for most of the decline.

#### Note to readers

Unless otherwise stated, this release presents seasonally adjusted data, which facilitates comparisons by removing the effects of seasonal variations. For more 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.

Unless otherwise specified, the highlights refer to seasonally adjusted current dollars and are ranked in terms of dollar change rather than percentage change.

#### Revision

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

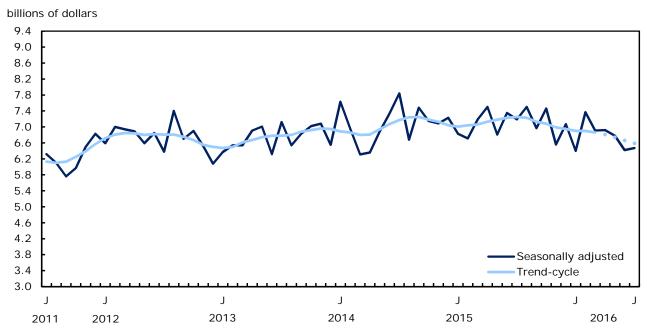
Trend-cycle estimates have been added to the charts as a complement to the seasonally adjusted series. Both the seasonally adjusted and the trend-cycle estimates are subject to revision as additional observations become available. These revisions could be large and even lead to a reversal of movement, 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

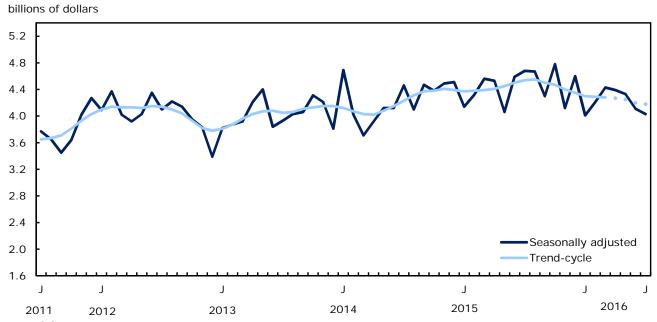
The August building permits data will be released on October 6.

Chart 1
Total value of building permits



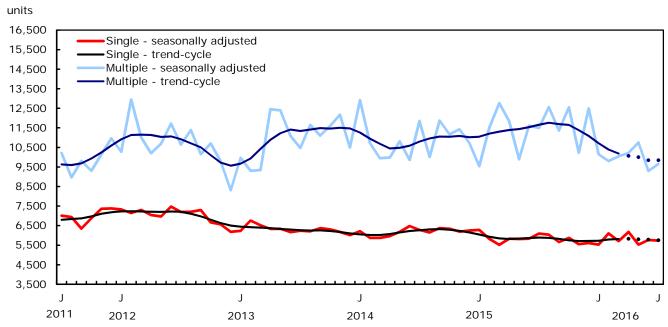
**Note(s):** The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the graph for the current reference month and the three previous months. See Note to readers.

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.

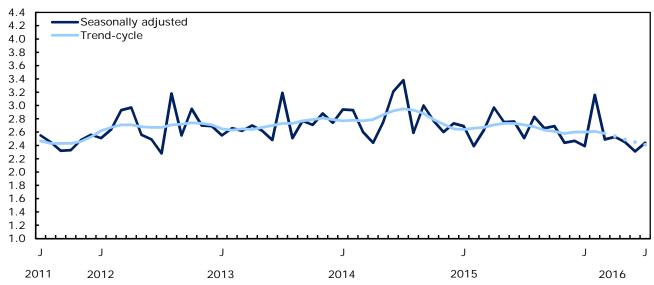
Chart 3
Number of dwelling units – Single and multiple



**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.

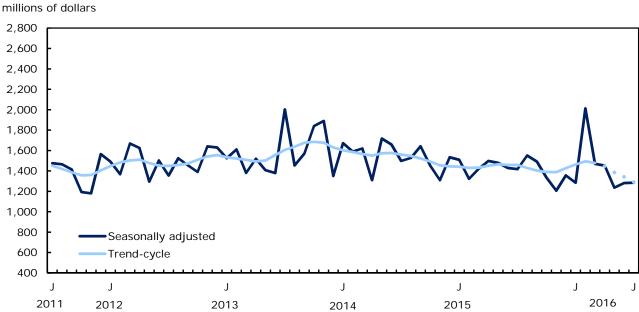
Chart 4
Value of non-residential building permits – Total





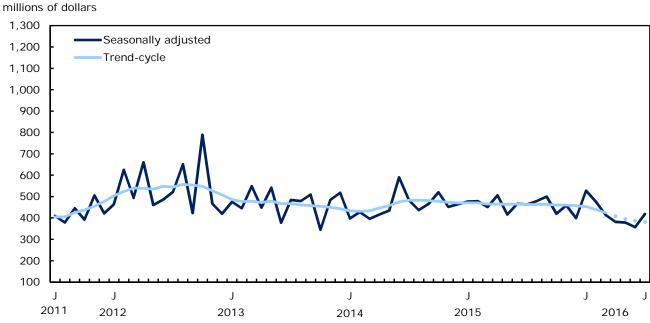
**Note(s):** The higher variability associated with the trend-cycle estimates is indicated with a dotted line on the graph for the current reference month and the three previous months. See Note to readers.

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.

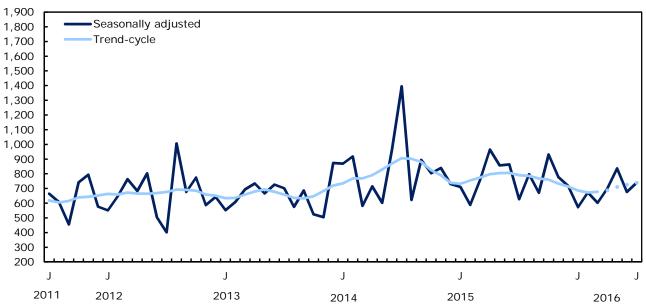
Chart 6 Value of industrial building permits



**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**

2802

**Building Permits Survey** 

#### **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	July	June	May	April	March	February
_	July <sup>p</sup>	June <sup>r</sup>	to	to	to	to	to	to
			June	May	April	March	February	January
_	thousands of	dollars		ŗ	ercentage cha	ange		
Canada	6,469,860	6,421,494	0.8	-5.3	-2.1	0.1	-6.3	15.3
Newfoundland and Labrador	35,137	41,908	-16.2	-31.0	21.9	-19.8	11.2	35.9
Prince Edward Island	20,770	23,129	-10.2	9.5	20.3	-25.2	55.0	119.8
Nova Scotia	78,762	64,621	21.9	-43.3	71.2	-44.2	62.0	-27.9
New Brunswick	63,050	104,532	-39.7	75.9	-43.7	57.0	17.1	-20.3
Quebec	1,094,417	1,216,958	-10.1	3.0	1.9	-4.3	3.2	19.7
Ontario	2,843,589	2,560,124	11.1	-8.2	2.4	-9.0	5.1	12.3
Manitoba	229,972	195,555	17.6	-2.5	-32.0	21.0	22.4	3.6
Saskatchewan	157,782	283,350	-44.3	69.8	7.0	26.2	-29.7	-0.5
Alberta	950,983	885,838	7.4	-2.0	-23.5	26.9	-41.3	43.3
British Columbia	980,812	1,030,154	-4.8	-11.3	1.0	3.8	-4.5	-0.3
Yukon	5,089	4.759	6.9	-60.4	44.5	-30.6	-53.4	
Northwest Territories	5,709	10,415	-45.2	-90.2		-69.7	536.0	-79.3
Nunavut	3,788	151			-99.8	603.3	466.0	-98.5

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

	2016	2016	July	June	May	April	March	February
_	July p	June <sup>r</sup>	to	to	to	to	to	to
	odiy	ounc	June	May	April	March	February	January
_	thousands of	dollars		ŗ	percentage cha	ange		
Canada	2,442,494	2,313,366	5.6	-5.6	-3.3	1.9	-21.4	32.6
Newfoundland and Labrador	9,558	12,474	-23.4	-61.5	138.9	-2.5	-19.8	142.4
Prince Edward Island	9,743	12,786	-23.8	25.3	118.6	-33.2	311.1	80.3
Nova Scotia	22,717	23,046	-1.4	-42.3	150.5	-56.4	35.4	-8.8
New Brunswick	34,829	68,989	-49.5	113.1	-35.0	80.4	18.9	-35.5
Quebec	349,082	452,093	-22.8	-4.0	-7.1	1.4	9.6	71.8
Ontario	1,111,957	782,863	42.0	-10.5	3.4	-13.6	-8.0	0.8
Manitoba	104,918	83,052	26.3	-14.5	-47.0	56.1	31.9	23.8
Saskatchewan	68,301	195,177	-65.0	153.8	8.2	29.4	-43.1	26.8
Alberta	418,752	373,131	12.2	-8.0	-28.6	18.4	-51.7	94.9
British Columbia	306.017	300.428	1.9	-1.2	12.5	9.1	-32.7	13.9
Yukon	674	1,004	-32.9	-88.2	204.6	-69.0	-61.7	
Northwest Territories	5,291	8,318	-36.4	-91.6		-91.1		-95.8
Nunavut	655	5					-100.0	

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

_	2016 July <sup>p</sup>	2016 June <sup>r</sup>	July to June	June to May	May to April	April to March	March to February	February to January
_	thousands of	dollars		ŗ	ercentage cha	ange	•	
Canada	4,027,366	4,108,128	-2.0	-5.1	-1.4	-0.9	5.1	5.0
Newfoundland and Labrador	25,579	29.434	-13.1	3.9	-21.9	-24.8	25.2	13.4
Prince Edward Island	11,027	10.343	6.6	-5.3	-15.3	-21.8	22.6	126.0
Nova Scotia	56,045	41,575	34.8	-43.8	46.3	-38.7	77.5	-35.8
New Brunswick	28,221	35,543	-20.6	31.4	-51.5	40.7	15.9	-5.1
Quebec	745,335	764,865	-2.6	7.7	8.9	-8.3	-0.9	0.3
Ontario	1.731.632	1.777.261	-2.6	-7.2	2.0	-6.8	12.9	20.6
Manitoba	125.054	112.503	11.2	8.7	-7.3	-11.6	14.8	-8.5
Saskatchewan	89,481	88,173	1.5	-1.9	5.9	23.6	-13.4	-21.2
Alberta	532,231	512.707	3.8	2.9	-18.7	35.9	-23.8	-0.8
British Columbia	674,795	729.726	-7.5	-14.9	-2.5	2.2	8.6	-5.8
Yukon	4,415	3.755	17.6	6.4	-36.3	84.4	34.0	22.2
Northwest Territories	418	2,097	-80.1	-74.1	122.5	34.1	26.3	-43.0
Nunavut	3,133	146			-99.8	603.3		-100.0

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

	2016	2016	July	June	May	April	March	February
	July <sup>p</sup>	June <sup>r</sup>	to June	to May	to April	to March	to February	to January
	units			1	percentage cha	ange		
Canada	184,656	180,696	2.2	-7.5	-0.7	4.0	-0.9	1.5
Newfoundland and Labrador	1,404	1,476	-4.9	-6.8	-16.5	-16.8	72.7	12.2
Prince Edward Island	948	600	58.0	-12.3	-13.6	-27.5	51.7	252.9
Nova Scotia	2,580	2,148	20.1	-58.5	87.4	-37.7	49.4	-48.8
New Brunswick	1,680	1,836	-8.5	41.7	-56.8	20.2	34.2	10.7
Quebec	44,364	44,232	0.3	9.8	16.6	-12.5	-4.6	10.0
Ontario	66,948	69,228	-3.3	-13.9	8.9	-2.4	12.9	2.9
Manitoba	8,544	6,336	34.8	8.4	23.9	-29.4	6.3	6.3
Saskatchewan	5,280	4,884	8.1	16.3	-7.4	21.9	-1.3	-30.7
Alberta	22,824	19,764	15.5	4.0	-28.1	41.4	-37.9	4.3
British Columbia	29,424	29,688	-0.9	-17.4	-17.6	27.3	-2.9	-1.6
Yukon	408	300	36.0	-19.4	-8.8	47.8	109.1	-21.4
Northwest Territories	12	204	-94.1	-69.6	409.1	175.0	33.3	-25.0
Nunavut	240	0			-100.0	400.0		-100.0

Table 5

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

	Number	of dwelling u	ınits	Estimated value of construction					
•	Singles 1	Multiples	Total	Residential		Non-res	idential		Total
		dwellings	dwellings	_	Industrial	Commercial	Institutional and governmental	Total	
		units				thousands	of dollars		
Canada June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	5,766 5,736 40,551 41,197	9,292 9,652 69,900 78,643	15,058 15,388 110,451 119,840	4,108,128 4,027,366 29,498,951 30,877,980	356,926 418,107 2,954,050 3,255,943	1,280,668 1,284,026 10,019,317 10,072,838	675,772 740,361 4,800,219 5,370,712	2,313,366 2,442,494 17,773,586 18,699,493	6,421,494 6,469,860 47,272,537 49,577,473
Newfoundland and Labrador June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	75 73 597 715	48 44 331 283	123 117 928 998	29,434 25,579 240,299 264,785	1,955 541 5,405 40,163	4,013 7,872 81,468 89,159	6,506 1,145 19,556 16,068	12,474 9,558 106,429 145,390	41,908 35,137 346,728 410,175
Prince Edward Island June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	31 27 238 205	19 52 182 68	50 79 420 273	10,343 11,027 81,057 65,107	9,982 587 14,258 4,355	2,252 8,696 24,853 25,047	552 460 7,921 13,271	12,786 9,743 47,032 42,673	23,129 20,770 128,089 107,780
Nova Scotia June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	127 131 995 771	52 84 1,158 1,826	179 215 2,153 2,597	41,575 56,045 423,659 507,102	5,967 2,329 32,858 40,505	13,884 19,768 116,759 134,143	3,195 620 45,355 24,953	23,046 22,717 194,972 199,601	64,621 78,762 618,631 706,703
New Brunswick June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	91 111 728 675	62 29 426 443	153 140 1,154 1,118	35,543 28,221 256,240 249,227	5,084 3,362 24,346 45,854	51,338 21,649 172,598 116,271	12,567 9,818 75,904 92,328	68,989 34,829 272,848 254,453	104,532 63,050 529,088 503,680
Quebec June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	918 897 6,109 5,965	2,768 2,800 17,390 16,588	3,686 3,697 23,499 22,553	764,865 745,335 5,015,886 4,969,513	71,425 80,564 605,615 558,782	276,029 188,774 1,664,605 1,740,540	104,639 79,744 729,161 1,032,085	452,093 349,082 2,999,381 3,331,407	1,216,958 1,094,417 8,015,267 8,300,920
Ontario June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	2,430 2,438 17,429 17,252	3,339 3,141 24,070 24,196	5,769 5,579 41,499 41,448	1,777,261 1,731,632 12,584,245 12,040,613	146,076 184,147 1,398,384 1,547,917	473,558 569,697 3,529,400 3,520,390	163,229 358,113 1,787,671 2,010,878	782,863 1,111,957 6,715,455 7,079,185	2,560,124 2,843,589 19,299,700 19,119,798
Manitoba June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	229 268 1,696 1,543	299 444 1,998 1,945	528 712 3,694 3,488	112,503 125,054 809,690 796,949	6,343 24,730 131,027 89,069	51,231 51,752 436,862 264,151	25,478 28,436 179,247 196,570	83,052 104,918 747,136 549,790	195,555 229,972 1,556,826 1,346,739
Saskatchewan June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	181 173 1,303 1,274	226 267 1,349 2,244	407 440 2,652 3,518	88,173 89,481 601,244 729,528	6,227 5,894 45,805 123,936	52,286 37,863 297,956 494,037	136,664 24,544 295,370 325,336	195,177 68,301 639,131 943,309	283,350 157,782 1,240,375 1,672,837
Alberta June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	836 861 6,062 8,099	811 1,041 7,742 14,749	1,647 1,902 13,804 22,848	512,707 532,231 3,796,150 5,840,316	50,136 74,419 403,699 516,117	190,319 200,803 2,280,885 2,328,351	132,676 143,530 1,066,042 1,133,521	373,131 418,752 3,750,626 3,977,989	885,838 950,983 7,546,776 9,818,305

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 June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	825 736 5,240 4,591	1,649 1,716 15,104 16,167	2,474 2,452 20,344 20,758	729,726 674,795 5,634,062 5,364,864	53,729 37,414 286,663 278,102	160,448 176,160 1,399,322 1,327,605	86,251 92,443 433,275 504,665	300,428 306,017 2,119,260 2,110,372	1,030,154 980,812 7,753,322 7,475,236
Yukon June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	6 20 110 68	19 14 62 57	25 34 172 125	3,755 4,415 24,308 20,963	0 0 28 6,535	1,000 442 4,072 20,647	4 232 41,373 20,044	1,004 674 45,473 47,226	4,759 5,089 69,781 68,189
Northwest Territories June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	17 1 42 35	0 0 54 45	17 1 96 80	2,097 418 22,918 19,658	2 3,900 5,714 4,505	4,305 115 10,097 10,750	4,011 1,276 119,319 993	8,318 5,291 135,130 16,248	10,415 5,709 158,048 35,906
Nunavut June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	0 0 2 4	0 20 34 32	0 20 36 36	146 3,133 9,193 9,355	0 220 248 103	5 435 440 1,747	0 0 25 0	5 655 713 1,850	151 3,788 9,906 11,205

<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	r of dwelling	units		Esti	mated value	of constructi	on	
	Singles 1	Multiples		Residential		Non-res	idential		Total
			dwellings		Industrial		Institutional and governmental	Total	
		units				thousands	of dollars		
Abbotsford-Mission, British Columbia June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	38	30	68	12,691	706	10,677	0	11,383	24,074
	24	17	41	7,540	818	3,131	113	4,062	11,602
	195	296	491	86,515	15,352	24,717	421	40,490	127,005
	180	340	520	85,957	10,737	7,393	17,625	35,755	121,712
Barrie, Ontario June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	68	88	156	46,624	1,155	5,948	714	7,817	54,441
	32	10	42	13,229	3,194	15,310	3,303	21,807	35,036
	354	262	616	182,585	31,857	42,321	11,180	85,358	267,943
	320	14	334	107,185	9,058	99,244	11,865	120,167	227,352
Brantford, Ontario June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	8	16	24	5,227	4,562	2,256	386	7,204	12,431
	12	33	45	11,159	1,093	861	0	1,954	13,113
	190	103	293	79,676	43,694	14,801	2,344	60,839	140,515
	201	331	532	116,838	20,155	10,039	2,106	32,300	149,138
Calgary, Alberta June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	297	282	579	200,943	7,051	83,734	35,910	126,695	327,638
	310	201	511	181,088	1,768	98,383	70,642	170,793	351,881
	1,957	2,307	4,264	1,368,698	39,081	725,796	281,478	1,046,355	2,415,053
	2,220	5,477	7,697	2,242,486	120,476	883,827	570,479	1,574,782	3,817,268
Edmonton, Alberta June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	318	432	750	211,740	27,019	64,420	21,275	112,714	324,454
	291	661	952	232,568	58,717	56,886	8,995	124,598	357,166
	2,267	4,531	6,798	1,711,281	165,632	1,191,857	311,419	1,668,908	3,380,189
	3,385	7,712	11,097	2,565,034	121,851	896,524	226,189	1,244,564	3,809,598
Greater Sudbury, Ontario June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	25	35	60	16,858	960	6,991	883	8,834	25,692
	22	4	26	7,665	238	8,226	2,191	10,655	18,320
	87	108	195	60,902	3,038	53,543	9,072	65,653	126,555
	77	59	136	42,380	23,089	20,606	23,670	67,365	109,745
Guelph, Ontario June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	23	58	81	18,760	276	1,764	2,165	4,205	22,965
	16	29	45	11,276	2,227	2,222	3,482	7,931	19,207
	144	604	748	143,214	14,666	49,194	14,866	78,726	221,940
	235	632	867	205,472	40,312	27,056	7,633	75,001	280,473
Halifax, Nova Scotia June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	58	4	62	16,947	0	8,256	2,566	10,822	27,769
	47	18	65	21,634	445	13,681	134	14,260	35,894
	380	728	1,108	192,271	2,164	69,161	25,391	96,716	288,987
	232	1,605	1,837	321,704	7,420	91,566	11,751	110,737	432,441
Hamilton, Ontario June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	47	219	266	68,525	886	20,877	21,162	42,925	111,450
	53	150	203	50,888	609	13,043	11,524	25,176	76,064
	533	1,389	1,922	597,040	13,493	123,180	103,551	240,224	837,264
	884	964	1,848	595,751	78,669	136,649	261,461	476,779	1,072,530
Kelowna, British Columbia June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	39	79	118	35,690	1,785	5,175	2,183	9,143	44,833
	75	109	184	55,480	7,306	9,905	227	17,438	72,918
	329	908	1,237	341,135	17,871	78,984	39,579	136,434	477,569
	263	395	658	198,150	9,076	93,745	32,072	134,893	333,043

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

	Numbe	r of dwelling	units		Esti	mated value	of construction	on	
<del>-</del>	Singles 1	Multiples		Residential		Non-res	idential		Total
			dwellings	-	Industrial	Commercial (	Institutional and governmental	Total	
_		units				thousands	of dollars		
Kingston, Ontario June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	44 19 184 149	9 11 78 440	53 30 262 589	12,273 6,787 62,028 100,943	7,301 3,614 13,557 3,963	1,380 1,467 22,490 19,297	1,007 1,813 23,337 20,274	9,688 6,894 59,384 43,534	21,961 13,681 121,412 144,477
Kitchener-Cambridge-Waterloo, Ontario June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	146 105 846 604	245 359 2,151 2,229	391 464 2,997 2,833	92,177 95,598 650,398 540,363	9,975 4,535 51,032 97,836	15,319 15,491 153,208 139,297	3,960 1,201 151,472 93,302	29,254 21,227 355,712 330,435	121,431 116,825 1,006,110 870,798
London, Ontario June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	105 116 769 623	100 26 1,302 517	205 142 2,071 1,140	67,399 56,431 572,460 350,980	4,433 5,708 28,197 39,111	14,461 23,020 110,624 93,650	5,452 17,764 160,871 139,445	24,346 46,492 299,692 272,206	91,745 102,923 872,152 623,186
Moncton, New Brunswick June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	20 37 178 166	38 14 101 160	58 51 279 326	11,444 9,159 71,271 60,589	3,455 1,160 11,450 13,778	37,167 9,172 99,656 37,702	4,540 677 19,546 38,534	45,162 11,009 130,652 90,014	56,606 20,168 201,923 150,603
Montréal, Quebec June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	226 231 1,658 1,585	1,522 1,460 9,297 8,725	1,748 1,691 10,955 10,310	360,288 344,968 2,361,030 2,365,673	19,610 29,996 193,439 213,049	149,281 83,009 1,018,063 1,087,091	60,169 45,836 412,353 618,494	229,060 158,841 1,623,855 1,918,634	589,348 503,809 3,984,885 4,284,307
Oshawa, Ontario June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	62 51 720 853	117 71 935 991	179 122 1,655 1,844	51,762 33,052 481,275 554,098	8,751 1,728 21,215 36,987	15,964 11,906 51,480 54,111	2,340 1,639 55,798 18,000	27,055 15,273 128,493 109,098	78,817 48,325 609,768 663,196
Ottawa-Gatineau, Ontario part, Ontario/Quebec June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	155 205 1,155 1,028	294 717 2,914 1,642	449 922 4,069 2,670	122,002 208,631 951,972 719,785	458 7,558 106,702 12,189	78,646 87,234 455,382 363,116	13,749 35,971 153,364 165,367	92,853 130,763 715,448 540,672	214,855 339,394 1,667,420 1,260,457
Ottawa-Gatineau, Quebec part, Ontario/Quebec June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	35 48 217 294	225 53 1,069 911	260 101 1,286 1,205	37,114 22,000 204,353 218,330	55 462 4,661 26,323	2,522 10,240 35,389 54,537	2,895 11,161 30,693 10,087	5,472 21,863 70,743 90,947	42,586 43,863 275,096 309,277
Peterborough, Ontario June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	35 27 165 146	0 5 112 28	35 32 277 174	13,731 11,874 66,764 58,691	452 28 2,469 10,964	3,072 324 9,506 9,999	559 3,441 6,008 6,458	4,083 3,793 17,983 27,421	17,814 15,667 84,747 86,112
Québec, Quebec June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	75 85 496 518	436 545 2,686 3,011	511 630 3,182 3,529	88,540 102,734 565,242 577,322	2,897 3,360 40,406 36,109	46,368 17,921 166,486 164,005	5,697 7,196 68,550 85,389	54,962 28,477 275,442 285,503	143,502 131,211 840,684 862,825

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

-	Number	r of dwelling	units		Est	imated value	of constructi	on	
	Singles 1	Multiples		Residential		Non-res	idential		Total
			dwellings	-	Industrial		Institutional and governmental	Total	
		units				thousands	of dollars		
Regina, Saskatchewan June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	41	72	113	20,735	318	10,607	59,643	70,568	91,303
	46	209	255	35,198	1,528	16,442	22,352	40,322	75,520
	407	639	1,046	194,539	10,445	89,918	149,369	249,732	444,271
	285	709	994	165,043	54,521	181,399	108,918	344,838	509,881
Saguenay, Quebec June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	21 31 158 200	17 92 234 158	38 123 392 358	9,085 21,937 82,749 90,143	1,467 1,366 13,884 20,636	16,781 3,730 33,899 27,554	825 3,901 19,191 41,782	19,073 8,997 66,974 89,972	28,158 30,934 149,723 180,115
Saint John, New Brunswick June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	12	1	13	4,413	587	2,760	100	3,447	7,860
	16	5	21	4,249	348	4,406	228	4,982	9,231
	109	81	190	46,615	2,731	21,230	15,894	39,855	86,470
	101	31	132	46,781	4,817	13,325	3,721	21,863	68,644
Saskatoon, Saskatchewan June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	103	138	241	49,876	2,961	30,761	74,561	108,283	158,159
	85	32	117	33,175	978	14,045	2,192	17,215	50,390
	576	547	1,123	261,773	20,817	127,807	102,384	251,008	512,781
	602	1,257	1,859	383,833	32,678	192,491	64,785	289,954	673,787
Sherbrooke, Quebec June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	26	47	73	15,538	1,427	6,489	702	8,618	24,156
	28	44	72	14,910	2,996	1,386	691	5,073	19,983
	225	415	640	135,584	24,164	45,369	17,681	87,214	222,798
	245	536	781	153,967	13,495	42,455	32,993	88,943	242,910
St. Catharines-Niagara, Ontario June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	101 102 741 672	79 32 463 447	180 134 1,204 1,119	51,605 44,367 348,810 304,251	1,746 3,814 15,818 20,189	4,434 4,705 49,108 52,699	5,982 3,366 21,624 13,690	12,162 11,885 86,550 86,578	63,767 56,252 435,360 390,829
St. John's, Newfoundland and Labrador June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	36 44 288 345	38 32 244 158	74 76 532 503	15,160 17,497 137,185 147,643	1,329 197 2,249 37,494	1,625 5,214 54,904 77,178	5,322 32 15,849 14,537	8,276 5,443 73,002 129,209	23,436 22,940 210,187 276,852
Thunder Bay, Ontario June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	16	5	21	6,053	23	2,846	1,881	4,750	10,803
	15	11	26	5,762	1,524	3,138	2,733	7,395	13,157
	81	53	134	28,809	3,106	14,062	5,749	22,917	51,726
	105	48	153	37,944	742	33,033	33,867	67,642	105,586
Toronto, Ontario June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	882	1,774	2,656	889,629	44,541	240,263	77,604	362,408	1,252,037
	919	1,456	2,375	872,456	75,332	317,755	217,732	610,819	1,483,275
	6,103	11,690	17,793	6,089,874	519,294	1,952,643	825,279	3,297,216	9,387,090
	6,986	13,917	20,903	6,424,097	662,847	2,168,933	990,205	3,821,985	10,246,082
Trois-Rivières, Quebec June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	21	48	69	16,486	1,222	5,620	1,363	8,205	24,691
	14	39	53	16,930	708	1,286	1,047	3,041	19,971
	119	261	380	99,179	12,726	30,947	9,612	53,285	152,464
	107	232	339	95,013	15,446	25,053	11,347	51,846	146,859

Table 6 - continued 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 (	Commercial (	Institutional and governmental	Total	
		units				thousands	of dollars		
Vancouver, British Columbia June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	277 269 2,056 1,802	942 1,103 10,418 12,489	1,219 1,372 12,474 14,291	394,317 397,180 3,554,512 3,662,596	9,623 15,105 91,488 113,546	103,452 117,458 956,251 943,313	79,549 42,103 266,964 310,682	192,624 174,666 1,314,703 1,367,541	586,941 571,846 4,869,215 5,030,137
Victoria, British Columbia June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	60 61 427 356	318 210 1,400 1,157	378 271 1,827 1,513	102,655 58,217 480,149 344,537	17,522 1,345 32,373 5,102	15,212 6,864 112,615 71,450	1,352 26,887 41,596 35,919	34,086 35,096 186,584 112,471	136,741 93,313 666,733 457,008
Windsor, Ontario June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	72 88 534 397	56 24 277 263	128 112 811 660	42,006 38,981 262,734 196,496	276 4,160 36,702 43,371	5,696 3,718 25,832 46,406	1,083 7,324 16,636 52,971	7,055 15,202 79,170 142,748	49,061 54,183 341,904 339,244
Winnipeg, Manitoba June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	137 195 1,054 889	283 418 1,684 1,559	420 613 2,738 2,448	85,496 99,385 578,405 555,911	1,473 20,551 98,682 24,700	40,657 40,300 383,772 199,660	22,380 21,472 123,692 127,647	64,510 82,323 606,146 352,007	150,006 181,708 1,184,551 907,918

<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 June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	7,734 6,597 40,863 42,011	44 40 219 195	764 694 5,016 5,770	2,384 1,987 12,914 12,427	5,796 7,152 44,371 53,217	847 939 5,325 5,780	17,569 17,409 108,708 119,400
Newfoundland and Labrador June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	117 117 573 730	1 1 3 4	12 12 26 0	0 0 8 4	34 28 267 258	2 4 31 21	166 162 908 1,017
Prince Edward Island June f July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	51 38 228 201	2 3 13 11	0 4 16 12	13 10 67 11	4 37 95 35	2 1 4 11	72 93 423 281
Nova Scotia June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	202 155 982 786	2 4 33 21	8 25 68 36	0 0 28 43	68 81 1,223 2,047	3 3 43 98	283 268 2,377 3,031
New Brunswick June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	176 152 736 724	4 3 15 6	12 8 62 53	36 7 65 75	34 7 186 301	68 3 104 17	330 180 1,168 1,176
Quebec June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	1,247 962 6,613 6,393	12 5 43 83	206 162 1,351 1,365	166 90 816 793	2,623 1,902 12,787 11,073	301 457 1,836 2,541	4,555 3,578 23,446 22,248
Ontario June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	3,269 2,861 17,305 17,290	16 20 94 57	260 209 1,504 1,477	1,426 1,176 7,244 6,410	1,286 2,327 13,104 14,488	228 217 1,643 1,537	6,485 6,810 40,894 41,259
Manitoba June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	313 292 1,736 1,625	1 2 5 8	12 14 107 142	96 113 411 157	190 375 1,230 1,350	11 43 88 24	623 839 3,577 3,306
Saskatchewan June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	246 195 1,352 1,355	0 2 2 1	17 17 135 100	29 32 139 242	195 312 955 1,568	47 30 219 298	534 588 2,802 3,564
Alberta June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	1,087 986 5,905 8,174	2 0 6 2	199 204 1,388 1,983	194 204 1,317 2,408	236 774 3,928 8,858	63 49 407 562	1,781 2,217 12,951 21,987
British Columbia June <sup>r</sup> July <sup>p</sup> Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	993 811 5,275 4,626	4 0 5 2	38 39 357 600	423 346 2,809 2,260	1,114 1,297 10,492 13,140	116 119 916 661	2,688 2,612 19,854 21,289

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 units	3		
Yukon June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	16 27 114 69	0 0 0	0 0 2 2	1 9 10 14	12 3 27 33	6 2 23 8	35 41 176 126
Northwest Territories June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	17 1 42 34	0 0 0 0	0 0 0 0	0 0 0 0	0 0 54 44	0 0 0 2	17 1 96 80
Nunavut June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	0 0 2 4	0 0 0 0	0 0 0 0	0 0 0 10	0 9 23 22	0 11 11 0	0 20 36 36

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

	Singles, includes mobile homes	Cottages	Doubles	Rows	Apartments	Conversions	Total dwellings
			number o	of dwelling (	units		
Abbotsford-Mission, British Columbia	25	0	0	13	6	0	44
Barrie, Ontario	36	0	0	0	0	13	49
Brantford, Ontario	14	0	6	36	0	0	56
Calgary, Alberta	349	0	41	100	87	4	581
Edmonton, Alberta	327	0	153	90	490	32	1,092
Greater Sudbury, Ontario	25	0	4	0	0	1	30
Guelph, Ontario	18	0	0	24	0	13	55
Halifax, Nova Scotia	51	0	0	0	16	0	67
Hamilton, Ontario	60	0	0	81	100	9	250
Kelowna, British Columbia	80	0	2	35	76	6	199
Kingston, Ontario	21	1	0	8	0	6	36
Kitchener-Cambridge-Waterloo, Ontario	119	0	13	26	410	8	576
London, Ontario	132	Õ	0	32	0	1	165
Moncton, New Brunswick	45	Ŏ	6	4	2	2	59
Montréal, Quebec	230	Ŏ	55	66	1,032	260	1.643
Oshawa, Ontario	58	Õ	0	8	63	19	148
Ottawa-Gatineau, Ontario/Quebec	282	Õ	62	316	559	23	1,242
Ottawa-Gatineau, Ontario part, Ontario/Quebec	234	Ŏ	40	312	543	14	1,143
Ottawa-Gatineau, Quebec part, Ontario/Quebec	48	Õ	22	4	16	9	99
Peterborough, Ontario	31	Õ	0	6	0	0	37
Québec, Quebec	85	ő	25	1	473	28	612
Regina, Saskatchewan	47	ő	6	13	296	1	363
Saguenay, Quebec	31	ő	2	0	65	22	120
Saint John, New Brunswick	20	ő	2	3	0	0	25
Saskatoon, Saskatchewan	86	ő	8	13	ő	28	135
Sherbrooke, Quebec	28	ő	ő	6	37	0	71
St. Catharines-Niagara, Ontario	117	ő	8	23	0	9	157
St. John's, Newfoundland and Labrador	56	0	12	0	16	4	88
Thunder Bay, Ontario	17	Ö	0	0	10	4	31
Toronto, Ontario	1.048	0	62	543	1,143	100	2,896
Trois-Rivières. Quebec	1,040	0	12	0	23	3	52
Vancouver, British Columbia	285	0	16	230	908	47	1,486
Victoria, British Columbia	65	0	0	35	168	25	293
Windsor, Ontario	100	0	21	10	0	0	131
Winnipeg, Manitoba	199	1	14	107	343	37	701

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

	Singles, includes mobile homes	Cottages	Doubles	Rows	Apartments	Conversions	Total dwellings
			number o	of dwelling (	units		
Abbotsford-Mission, British Columbia	197	0	1	136	135	10	479
Barrie, Ontario	378	0	12	110	33	94	627
Brantford, Ontario	155	0	10	78	12	9	264
Calgary, Alberta	1,965	0	333	519	1,356	8	4,181
Edmonton, Alberta	2,220	0	1,011	632	1,964	314	6,141
Greater Sudbury, Ontario	103	0	12	0	91	6	212
Guelph, Ontario	143	0	14	148	342	102	749
Halifax, Nova Scotia	391	1	2	28	872	14	1.308
Hamilton, Ontario	509	0	79	679	447	77	1,791
Kelowna, British Columbia	332	0	42	160	638	48	1,220
Kingston, Ontario	194	3	4	30	14	26	271
Kitchener-Cambridge-Waterloo, Ontario	865	0	43	454	1,541	122	3,025
London, Ontario	772	Õ	12	239	1,041	25	2,089
Moncton, New Brunswick	180	Õ	54	38	13	71	356
Montréal, Quebec	1,798	Ö	377	572	6,979	1,037	10,763
Oshawa, Ontario	681	Õ	32	461	254	133	1,561
Ottawa-Gatineau. Ontario/Quebec	1,385	Õ	269	1,163	2,379	169	5,365
Ottawa-Gatineau, Ontario part, Ontario/Quebec	1,155	Õ	138	1,134	1,501	131	4,059
Ottawa-Gatineau, Quebec part, Ontario/Quebec	230	ő	131	29	878	38	1,306
Peterborough, Ontario	185	1	0	21	73	12	292
Québec, Quebec	535	Ö	200	49	2.166	173	3.123
Regina, Saskatchewan	396	Ö	82	70	555	34	1.137
Saguenay, Quebec	184	ő	9	0	126	72	391
Saint John. New Brunswick	108	2	6	3	3	16	138
Saskatoon, Saskatchewan	611	0	35	59	280	170	1,155
Sherbrooke, Quebec	232	ő	114	46	216	28	636
St. Catharines-Niagara, Ontario	753	1	79	144	190	31	1.198
St. John's, Newfoundland and Labrador	272	Ö	26	4	195	19	516
Thunder Bay, Ontario	92	0	0	3	34	22	151
Toronto, Ontario	6,153	0	633	3,125	7,118	610	17,639
Trois-Rivières. Quebec	145	0	47	3,123	179	18	390
Vancouver. British Columbia	2,051	0	150	2,127	7,288	436	12,052
Victoria, British Columbia	424	0	36	105	1,080	97	1,742
Windsor, Ontario	544	0	140	113	1,000	13	816
Winnipeg, Manitoba	1,079	1	103	404	928	69	2,584

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

Residential   Industrial   Commercial   Institutional and governmental			Vali	ue of construction			
Canada	•	Residential		Non-residential		Total	
Prime   Pri			Industrial	Commercial	Institutional		
Canada							
Canada	-				governmentai		
June* 5,033,388 466,194 1,519,965 961,454 7,991,001 July* 9,4897,823 534,770 1,500,823 1,007,750 7,744,866 Cumulative Jan. to July 2016 29,352,907 2,871,147 9,900,745 5,203,130 47,227,329 Cumulative Jan. to July 2015 30,995,117 3,123,487 9,800,745 5,203,130 47,227,329 Supplied Jan. to July* 2016 29,352,907 2,871,147 9,800,745 5,203,130 47,227,329 Supplied Jan. to July* 2016 24,9678 1,965 5,366 6,506 63,505 July* 1,146 5,506 63,506 July* 1,146			tho	usands of dollars			
July P	Canada						
Cumulative Jan. to July 2016         29,352,307         2,871,147         9,800,745         5,203,130         47,227,329           Cumulative Jan. to July 2015         3,096,117         3,123,482         9,586,613         5,510,943         445,558,156           Newfoundland and Labrador         June*         49,678         1,955         5,566         6,506         6,506         3,505           July*         41,742         541         7,628         1,145         1,166         1,066           Cumulative Jan. to July 2016         231,088         5,065         7,333         1,166         335,402           Cumulative Jan. to July 2016         15,887         9,982         2,252         552         28,883           June*         15,887         9,982         2,052         552         28,883           June at June at July 2016         7,813         4,555         2,504         13,271         103,231           Nova Scotal         7,872         8,727         8,727         1,550         3,195         95,395           June*         6,932         8,727         8,727         1,550         3,195         95,395           Cumulative Jan. to July 2016         44,336         31,361         111,613         45,555         672,							
Cumulative Jan. to July 2015   39,955,117   3,123,482   9,958,613   5,510,483   49,558,155							
June   49,678   1,955   5,366   6,506   63,505   1,016   1,							
July							
Cumulative Jan. 10 July 2016         231,088         5,405         79,353         19,566         335,402           Prince Edward Island         June*         15,897         9,982         2,252         552         28,683           July P         15,813         567         8,696         460         24,956           Cumulative Jan. 10 July 2016         78,863         14,258         24,853         7,921         125,895           Cumulative Jan. 10 July 2015         60,558         4,355         25,647         13,271         103,231           Nova Scotia         June*         67,972         8,727         15,501         3,195         95,335           July P         71,072         2,854         25,556         60         100,1072           Cumulative Jan. 10 July 2016         484,338         31,361         111,613         45,355         672,665           Cumulative Jan. 10 July 2016         484,338         31,361         111,613         45,355         672,665           Super         66,215         9,181         96,864         23,455         194,555           June*         66,215         9,181         96,864         23,455         194,555           Jung*         42,246         3,872 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Cumulative Jan. 10 July 2015   270,388   40,163   86,699   16,068   413,278   715,000   15							
June   15,897   9,982   2,252   552   28,863   July   15,213   587   8,696   460   24,956   Cumulative Jan. to July 2016   78,863   14,258   24,853   7,921   125,895   Cumulative Jan. to July 2015   60,558   4,355   25,047   13,271   103,231     Nova Scota	Cumulative Jan. to July 2015	270,388	40,163	86,659	16,068	413,278	
July   P		45.007	0.000	0.050	550	00.000	
Cumulative Jan. to July 2016         78,863         14,258         24,853         7,921         125,895           Cumulative Jan. to July 2015         60,558         4,355         25,047         13,271         103,231           Nova Scotia         71,072         2,854         25,626         620         100,172           Cumulative Jan. to July 2016         484,336         31,361         111,613         45,355         676,668           Cumulative Jan. to July 2015         571,350         37,402         131,903         24,953         765,668           New Brunswick         571,350         9,181         96,694         23,465         194,555           June*         65,215         9,181         96,694         23,465         194,555           July p         42,246         3,872         20,982         13,811         80,911           Cumulative Jan. to July 2016         29,607         25,485         214,286         214,752         8,909         564,776           June*         1,066,964         96,750         319,402         209,100         1,692,216           July P         792,702         90,085         251,882         112,718         1,247,487           Cumulative Jan. to July 2016         5,179,112							
Nova Scotia							
June	Cumulative Jan. to July 2015	60,558	4,355	25,047	13,271	103,231	
July   P		67.070	0.707	45 504	2.405	05.205	
Cumulative Jan. to July 2016         484,336         31,361         111,613         45,355         672,665           New Brunswick         Framework							
New Brunswick   June	Cumulative Jan. to July 2016	484,336	31,361	111,613	45,355	672,665	
Juner   65.215   9.181   96.684   23.465   194.555   July   42.246   3.872   20.982   13.811   80.911   Cumulative Jan. to July 2016   249.607   25.468   215.602   74.099   564.776   Cumulative Jan. to July 2015   254.857   44.286   114.752   88.909   502.804   Cumulative Jan. to July 2015   254.857   44.286   114.752   28.909   502.804   Cumulative Jan. to July 2016   27.256	Cumulative Jan. to July 2015	571,350	37,402	131,903	24,953	765,608	
July   P		65 215	0.181	96 694	23.465	10/1 555	
Cumulative Jan. to July 2016         249,607         25,468         215,602         74,099         564,776           Cumulative Jan. to July 2015         254,857         44,286         211,752         88,909         502,804           Quebec           June r         1,066,964         96,750         319,402         209,100         1,692,216           Cumulative Jan. to July 2016         5,179,112         612,986         1,692,514         838,632         8,323,244           Cumulative Jan. to July 2015         5,098,594         562,824         1,724,190         969,687         8,354,895           Ontario           June r         2,117,183         199,307         553,730         209,300         3,079,520           July p         2,078,784         218,219         667,726         534,344         3,499,073           Cumulative Jan. to July 2016         12,468,091         1,318,414         3,465,975         1,930,098         19,182,578           Cumulative Jan. to July 2016         12,468,091         1,318,414         3,465,975         1,930,098         19,182,578           June r         145,123         6,745         41,692         29,791         223,351 <td c<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Ouebec         June r         1,066,964         96,750         319,402         209,100         1,692,216         July p         792,702         90,085         251,982         112,718         1,247,487         Cumulative Jan. to July 2016         5,179,112         612,986         1,692,514         838,632         8,323,244         Cumulative Jan. to July 2015         5,098,594         562,824         1,724,190         969,287         8,354,895         363,4845         363,4895         363,4895         363,4895         363,4895         363,4895         363,4895         363,4895         363,4844         368,930         3,079,520         303,079,520         303,079,520         304,079         367,726         534,344         3,499,073         368,489         367,726         534,344         3,499,073         368,182,192,192,192         367,182,182,192         367,182,182,182	Cumulative Jan. to July 2016	249,607	25,468				
June r	•	254,857	44,286	114,752	88,909	502,804	
July p		1 066 964	96 750	319 402	209 100	1 692 216	
Cumulative Jan. to Julý 2015         5,098,594         562,824         1,724,190         969,287         8,354,895           Ontario           June r         2,117,183         199,307         553,730         209,300         3,079,520           July P         2,078,784         218,219         667,726         534,344         3,499,073           Cumulative Jan. to July 2016         12,468,091         1,318,414         3,465,975         1,930,098         19,122,578           Cumulative Jan. to July 2015         12,056,687         1,443,324         3,415,370         2,323,967         19,239,348           Manitoba           June r         145,123         6,745         41,692         29,791         223,351           July p         151,152         26,146         43,176         38,933         259,407           Cumulative Jan. to July 2016         814,194         130,783         447,700         219,001         1,611,678           Cumulative Jan. to July 2015         790,190         90,685         228,958         204,874         1,314,707           Saskatchewan           June r         12,202         8,758         48,435         191,944         370,339           July p         101,2							
Ontario   June   Company							
June r   2,117,183   199,307   553,730   209,300   3,079,520     July ρ   2,078,784   218,219   667,726   534,344   3,489,073     Cumulative Jan. to July 2016   12,468,091   1,318,414   3,465,975   1,930,988   19,182,578     Cumulative Jan. to July 2015   12,056,687   1,443,324   3,415,370   2,323,967   19,239,348     Manitoba		5,098,594	562,824	1,724,190	969,287	8,354,895	
July p         2,078,784         218,219         667,726         534,344         3,499,073           Cumulative Jan. to July 2016         12,468,091         1,318,414         3,465,975         1,930,098         19,182,578           Cumulative Jan. to July 2015         12,056,687         1,443,324         3,415,370         2,323,967         19,239,348           Manitoba           June r         145,123         6,745         41,692         29,791         223,351           July p         151,152         26,146         43,176         38,933         259,407           Cumulative Jan. to July 2016         814,194         130,783         447,700         219,001         1,611,678           Cumulative Jan. to July 2015         790,190         90,685         228,958         204,874         1,314,707           Saskatchewan           Jule r         121,202         8,758         48,435         191,944         370,339           July p         101,206         6,789         51,700         34,610         194,305           Cumulative Jan. to July 2016         621,232         39,669         275,022         303,612         1,239,535           Cumulative Jan. to July 2015         765,935         46,615         24		2 117 192	100 207	552 720	200 200	2 070 520	
Cumulative Jan. to July 2016         12,468,091         1,318,414         3,465,975         1,930,098         19,182,578           Cumulative Jan. to July 2015         12,056,687         1,443,324         3,415,370         1,930,098         19,182,578           Manitoba         June r         145,123         6,745         41,692         29,791         223,351           July P         151,152         26,146         43,176         38,933         259,407           Cumulative Jan. to July 2016         814,194         130,783         447,700         219,001         1,611,678           Cumulative Jan. to July 2015         790,190         90,685         228,958         204,874         1,314,707           Saskatchewan           June r         121,202         8,758         48,435         191,944         370,339           July P         101,206         6,789         51,700         34,610         194,305           Cumulative Jan. to July 2016         621,232         39,669         275,022         303,612         1,557,158           Alberta           June r         565,935         46,615         241,425         168,154         1,022,129           July P         603,532							
Manitoba		12,468,091	1,318,414	3,465,975	1,930,098	19,182,578	
June r         145,123         6,745         41,692         29,791         223,351           July p         151,152         26,146         43,176         38,933         259,407           Cumulative Jan. to July 2016         814,194         130,783         447,700         219,001         1,611,678           Cumulative Jan. to July 2015         790,190         90,685         228,958         204,874         1,314,707           Saskatchewan           June r         121,202         8,758         48,435         191,944         370,339           July p         101,206         6,789         51,700         34,610         194,305           Cumulative Jan. to July 2016         621,232         39,669         275,022         303,612         1,239,535           Cumulative Jan. to July 2015         748,577         114,987         506,314         187,280         1,557,158           Alberta           June r         565,935         46,615         241,425         168,154         1,022,129           July p         603,532         151,460         227,540         141,706         1,124,238           Cumulative Jan. to July 2016         3,637,060         410,899         2,084,149         1,124,250	•	12,056,687	1,443,324	3,415,370	2,323,967	19,239,348	
July p         151,152         26,146         43,176         38,933         259,407           Cumulative Jan. to July 2016         814,194         130,783         447,700         219,001         1,611,678           Cumulative Jan. to July 2015         790,190         90,685         228,958         204,874         1,314,707           Saskatchewan           June r         121,202         8,758         48,435         191,944         370,339           July p         101,206         6,789         51,700         34,610         194,305           Cumulative Jan. to July 2016         621,232         39,669         275,022         303,612         1,239,535           Cumulative Jan. to July 2015         748,577         114,987         506,314         187,280         1,557,158           Alberta           June r         565,935         46,615         241,425         168,154         1,022,129           July p         603,532         151,460         227,540         141,706         1,124,238           Cumulative Jan. to July 2016         3,637,060         410,899         2,084,149         1,124,250         7,256,358           Cumulative Jan. to July 2015         5,600,739         502,647         2,346,905 </td <td></td> <td>145 123</td> <td>6 745</td> <td>41 692</td> <td>29 791</td> <td>223 351</td>		145 123	6 745	41 692	29 791	223 351	
Cumulative Jan. to July 2015         790,190         90,685         228,958         204,874         1,314,707           Saskatchewan           June r         121,202         8,758         48,435         191,944         370,339           July p         101,206         6,789         51,700         34,610         194,305           Cumulative Jan. to July 2016         621,232         39,669         275,022         303,612         1,239,535           Cumulative Jan. to July 2015         748,577         114,987         506,314         187,280         1,557,158           Alberta           June r         565,935         46,615         241,425         168,154         1,022,129           July p         603,532         151,460         227,540         141,706         1,124,238           Cumulative Jan. to July 2016         3,637,060         410,899         2,084,149         1,124,250         7,256,358           Cumulative Jan. to July 2015         5,600,739         502,647         2,346,905         1,168,469         9,618,760           British Columbia           July p         807,358         78,172         190,158         115,432         1,191,120           July p         790,114 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Saskatchewan           June r         121,202         8,758         48,435         191,944         370,339           July p         101,206         6,789         51,700         34,610         194,305           Cumulative Jan. to July 2016         621,232         39,669         275,022         303,612         1,239,535           Cumulative Jan. to July 2015         748,577         114,987         506,314         187,280         1,557,158           Alberta           June r         565,935         46,615         241,425         168,154         1,022,129           July p         603,532         151,460         227,540         141,706         1,124,238           Cumulative Jan. to July 2016         3,637,060         410,899         2,084,149         1,124,250         7,256,358           Cumulative Jan. to July 2015         5,600,739         502,647         2,346,905         1,168,469         9,618,760           British Columbia           June r         807,358         78,172         190,158         115,432         1,191,120           July p         790,114         33,797         194,775         127,895         1,146,581           July p         790,114         33,797<							
June r         121,202         8,758         48,435         191,944         370,339           July p         101,206         6,789         51,700         34,610         194,305           Cumulative Jan. to July 2016         621,232         39,669         275,022         303,612         1,239,535           Cumulative Jan. to July 2015         748,577         114,987         506,314         187,280         1,557,158           Alberta           June r         565,935         46,615         241,425         168,154         1,022,129           July p         603,532         151,460         227,540         141,706         1,124,238           Cumulative Jan. to July 2016         3,637,060         410,899         2,084,149         1,124,250         7,256,358           Cumulative Jan. to July 2015         5,600,739         502,647         2,346,905         1,168,469         9,618,760           British Columbia           June r         807,358         78,172         190,158         115,432         1,191,120           July p         790,114         33,797         194,775         127,895         1,146,581           Cumulative Jan. to July 2016         5,531,146         275,914         1,389,355	•	790,190	90,685	228,958	204,874	1,314,707	
July P         101,206         6,789         51,700         34,610         194,305           Cumulative Jan. to July 2016         621,232         39,669         275,022         303,612         1,239,535           Cumulative Jan. to July 2015         748,577         114,987         506,314         187,280         1,557,158           Alberta           June r         565,935         46,615         241,425         168,154         1,022,129           July P         603,532         151,460         227,540         141,706         1,124,238           Cumulative Jan. to July 2016         3,637,060         410,899         2,084,149         1,124,250         7,256,358           Cumulative Jan. to July 2015         5,600,739         502,647         2,346,905         1,168,469         9,618,760           British Columbia           June r         807,358         78,172         190,158         115,432         1,191,120           July P         790,114         33,797         194,775         127,895         1,146,581           Cumulative Jan. to July 2016         5,531,146         275,914         1,389,355         479,889         7,676,304		121 202	8 758	48 435	191 944	370 339	
Cumulative Jan. to July 2015     748,577     114,987     506,314     187,280     1,557,158       Alberta     June r     565,935     46,615     241,425     168,154     1,022,129       July P     603,532     151,460     227,540     141,706     1,124,238       Cumulative Jan. to July 2016     3,637,060     410,899     2,084,149     1,124,250     7,256,358       Cumulative Jan. to July 2015     5,600,739     502,647     2,346,905     1,168,469     9,618,760       British Columbia       June r     807,358     78,172     190,158     115,432     1,191,120       July P     790,114     33,797     194,775     127,895     1,146,581       Cumulative Jan. to July 2016     5,531,146     275,914     1,389,355     479,889     7,676,304	July P	101,206	6,789	51,700	34,610	194,305	
Alberta June r 565,935 46,615 241,425 168,154 1,022,129 July p 603,532 151,460 227,540 141,706 1,124,238 Cumulative Jan. to July 2016 3,637,060 410,899 2,084,149 1,124,250 7,256,358 Cumulative Jan. to July 2015 5,600,739 502,647 2,346,905 1,168,469 9,618,760  British Columbia June r 807,358 78,172 190,158 115,432 1,191,120 July p 700,114 33,797 194,775 127,895 1,146,581 Cumulative Jan. to July 2016 5,531,146 275,914 1,389,355 479,889 7,676,304		740 577	444,00=	E00.044	407,000	4 4-0	
June r         565,935         46,615         241,425         168,154         1,022,129           July P         603,532         151,460         227,540         141,706         1,124,238           Cumulative Jan. to July 2016         3,637,060         410,899         2,084,149         1,124,250         7,256,358           Cumulative Jan. to July 2015         5,600,739         502,647         2,346,905         1,168,469         9,618,760           British Columbia           June r         807,358         78,172         190,158         115,432         1,191,120           July P         790,114         33,797         194,775         127,895         1,146,581           Cumulative Jan. to July 2016         5,531,146         275,914         1,389,355         479,889         7,676,304	·	740,377	114,907	500,314	107,200	1,557,156	
July P         603,532         151,460         227,540         141,706         1,124,238           Cumulative Jan. to July 2016         3,637,060         410,899         2,084,149         1,124,250         7,256,358           Cumulative Jan. to July 2015         5,600,739         502,647         2,346,905         1,168,469         9,618,760           British Columbia           June r         807,358         78,172         190,158         115,432         1,191,120           July P         790,114         33,797         194,775         127,895         1,146,581           Cumulative Jan. to July 2016         5,531,146         275,914         1,389,355         479,889         7,676,304		565.935	46.615	241.425	168.154	1.022.129	
Cumulative Jan. to July 2015         5,600,739         502,647         2,346,905         1,168,469         9,618,760           British Columbia           June r         807,358         78,172         190,158         115,432         1,191,120           July P         790,114         33,797         194,775         127,895         1,146,581           Cumulative Jan. to July 2016         5,531,146         275,914         1,389,355         479,889         7,676,304	July P	603,532	151,460	227,540	141,706	1,124,238	
British Columbia June r 807,358 78,172 190,158 115,432 1,191,120 July P 790,114 33,797 194,775 127,895 1,146,581 Cumulative Jan. to July 2016 5,531,146 275,914 1,389,355 479,889 7,676,304							
June r     807,358     78,172     190,158     115,432     1,191,120       July P     790,114     33,797     194,775     127,895     1,146,581       Cumulative Jan. to July 2016     5,531,146     275,914     1,389,355     479,889     7,676,304	•	0,000,700	502,047	2,040,000	1,100,400	5,010,700	
July P         790,114         33,797         194,775         127,895         1,146,581           Cumulative Jan. to July 2016         5,531,146         275,914         1,389,355         479,889         7,676,304		807.358	78.172	190.158	115.432	1,191.120	
	July P	790,114	33,797	194,775	127,895	1,146,581	
Outhinidate Gail. to Gaily 2010 0,702,200 2/1,000 1,070,071 702,020 7,072,140							
	Camadate Cam to Guly 2010	0,402,200	2, 1,000	1,040,071	102,020	1,012,140	

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

		Valu	ue of construction		
	Residential		Non-residential		Total
		Industrial	Commercial	Institutional and governmental	
		tho	usands of dollars		
Yukon June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	5,204 5,811 25,308 21,143	0 0 28 6,535	1,000 442 4,072 20,647	4 232 41,373 20,044	6,208 6,485 70,781 68,369
Northwest Territories June r July p Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	5,511 1,116 23,077 20,399	2 3,900 5,714 4,505	4,305 115 10,097 10,750	4,011 1,276 119,319 993	13,829 6,407 158,207 36,647
Nunavut June r July P Cumulative Jan. to July 2016 Cumulative Jan. to July 2015	146 3,133 9,193 9,355	0 220 248 103	5 435 440 1,747	0 0 25 0	151 3,788 9,906 11,205

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

		Valu	ue of construction		
	Residential	1	Non-residential		Total
		Industrial	Commercial	Institutional and governmental	
		tho	usands 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, Ontario part, Ontario/Quebec Ottawa-Gatineau, Quebec part, Ontario/Quebec Regina, Saskatchewan Saguenay, Quebec Saint John, New Brunswick Saskatoon, Saskatchewan Sherbrooke, Quebec	8,704 15,073 13,541 199,301 256,531 8,810 13,113 27,309 60,104 63,651 7,895 115,610 65,259 13,535 362,520 38,541 276,833 253,138 23,695 14,695 15,695	688 3,756 1,285 3,977 132,078 280 2,619 445 716 6,144 4,250 5,333 6,712 1,046 31,539 2,032 9,374 8,888 486 33 3,533 1,444 1,436 314 924 3,150	3,250 17,941 1,009 106,305 61,467 9,640 2,604 19,250 15,284 10,280 1,719 18,153 26,976 8,721 106,023 13,952 115,303 102,224 13,079 380 22,890 23,349 4,764 4,190 19,944 1,770	125 4,886 0 68,159 8,679 3,241 5,150 134 17,045 250 2,682 1,777 26,274 677 67,503 2,424 69,639 53,203 16,436 5,090 10,597 29,762 5,745 228 2,919 1,018	12,767 41,656 15,835 377,742 458,755 21,971 23,486 47,138 93,149 80,325 16,546 140,873 125,221 23,979 567,585 56,949 471,149 417,453 53,696 19,132 145,107 95,113 35,118 11,100 58,518 21,959
St. Catharines-Niagara, Ontario St. John's, Newfoundland and Labrador Thunder Bay, Ontario Toronto, Ontario Trois-Rivières, Quebec Vancouver, British Columbia Victoria, British Columbia Windsor, Ontario Winnipeg, Manitoba	50,961 24,000 6,714 1,036,906 18,048 472,356 68,657 44,997 115,967	4,485 197 1,792 88,584 744 12,702 1,131 4,892 20,551	5,513 5,214 3,677 372,355 1,642 121,905 7,124 4,357 31,724	4,978 32 4,042 322,035 1,542 46,451 29,664 10,833 31,969	65,937 29,443 16,225 1,819,880 21,976 653,414 106,576 65,079 200,211

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

	Value of construction						
	Residential Non-residential						
		Industrial	Commercial	Institutional and governmental			
	thousands of dollars						
Abbotsford-Mission, British Columbia	84,607	12,729	25,672	337	123,345		
Barrie, Ontario	186,713	30,033	43,675	16,727	277,148		
Brantford, Ontario	72,717	31,856	13,260	3,129	120,962		
Calgary, Alberta	1,354,357	29,900	709,414	310,582	2,404,253		
Edmonton, Alberta	1,570,765	216,551	1,033,027	283,803	3,104,146		
Greater Sudbury, Ontario	63,260	3,085	50,132	10,955	127,432		
Guelph, Ontario	142,260	12,316	47,102	20,035	221,713		
Halifax, Nova Scotia	248,266	2,164	69,181	25.391	345,002		
Hamilton, Ontario	563,295	11,176	121,444	99,983	795,898		
Kelowna, British Columbia	341,901	17,407	69,060	31,564	459,932		
Kingston, Ontario	64,605	15,651	21,314	20,312	121,882		
Kitchener-Cambridge-Waterloo, Ontario	649,435	44,887	146,775	141,238	982,335		
London, Ontario	575,698	25,332	109,627	154,487	865,144		
Moncton, New Brunswick	76,311	14,427	141,134	19,546	251,418		
Montréal, Quebec	2,403,055	185,978	1,029,519	480,349	4,098,901		
Oshawa, Ontario	458,628	22,262	53,675	39,600	574,165		
Ottawa-Gatineau, Ontario/Quebec	1,163,755	84,029	491,623	180,993	1,920,400		
Ottawa-Gatineau, Ontario/Quebec	952,848	80.723	453,955	141.890	1,629,416		
Ottawa-Gatineau, Quebec part, Ontario/Quebec	210,907	3,306	37,668	39.103	290,984		
Peterborough, Ontario	72,633	1,894	9,641	7.617	91,785		
Québec, Quebec	570,473	38,624	173,341	88,098	870,536		
Regina, Saskatchewan	195,566	10,228	82,892	153,290	441,976		
	88,831	16,965	37,337	21,409	164,542		
Saguenay, Quebec Saint John, New Brunswick	35,654	2,681	22.756	15.894	76,985		
Saskatoon, Saskatchewan	273,998	16,227	115,112	122,057	527,394		
Sherbrooke, Quebec	140,365	20,764	39,827	20,219	221,175		
St. Catharines-Niagara, Ontario	351,840	15,244	47,782	23,795	438,661		
St. John's, Newfoundland and Labrador	128,924	2,249	54,904	15,849	201,926		
Thunder Bay, Ontario	32,156	2,898	14,374	7,889	57,317		
Toronto, Ontario	6,070,690	469,299	1,889,233	962,299	9,391,521		
Trois-Rivières, Quebec	108,001	15,653	31,589	11,254	166,497		
Vancouver, British Columbia	3,460,462	86,239	935,585	280,284	4,762,570		
Victoria, British Columbia	464,046	37,565	117,713	43,992	663,316		
Windsor, Ontario	266,117	28,784	25,164	21,247	341,312		
Winnipeg, Manitoba	574,590	98,682	394,610	163,446	1,231,328		

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

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	
	thousands of dollars							
Total non-residential	3,047,043		9,743	29,100	38,665	454,785	1,420,289	
Industrial	538,470		587	2,854	3,872	90,085	218,219	
Factories, plants	161,688 229.636	-	0	1,612 300	1,128 0	37,260 10.666	91,941 53.359	
Transportation, utilities Mining and agriculture	72,297	-	0	0	1,172	28,263	37.504	
Minor industrial projects, new and improvements <sup>1</sup>	74,849		587	942	1,572	13,896	35,415	
Commercial	1,500,823		8,696	25,626	20,982	<b>251,982</b>	667,726	
Trade and services	449,358		6,000	16,708	7,522	117,752	155,676	
Warehouses	163.184		1,650	654	1,116	5,470	87,941	
Service stations	31,129		0,000	0	400	8.406	7,475	
Office buildings	431,971	0	500	3,378	1,107	59,310	222,227	
Recreation	105.875	0	250	0	3.783	23.027	36,131	
Hotels, restaurants	154,068		0	1,100	2,467	7,421	90,763	
Laboratories	6,058		0	0	0	1,200	1,450	
Minor commercial projects, new and improvements <sup>1</sup>	159,180		296	3,786	4,587	29,396	66,063	
Institutional and governmental	1,007,750	1,145	460	620	13,811	112,718	534,344	
Schools, education	478,171	0	0	0	4,055	68,039	180,766	
Hospitals, medical	220,001	0	0	0	659	2,148	188,457	
Welfare, home	165,373		0	0	0	7,557	114,049	
Churches, religion	16,700		0	0	297	2,223	9,885	
Government buildings	72,796		0	0	6,897	22,808	15,118	
Minor institutional and governmental projects, new and improvements <sup>1</sup>	54,709	145	460	620	1,903	9,943	26,069	
	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut	
	thousands of dollars							
Total non-residential	108,255	93.099	520,706	356,467	674	5,291	655	
Industrial	26.146		151,460	33,797	0/4	3,900	220	
Factories, plants	7,135		9,586	10.726	0	3,300	0	
Transportation, utilities	15,513		133,052	12,046	ő	3,900	0	
Mining and agriculture	250		750	2,964	ő	0,000	Ő	
Minor industrial projects, new and improvements 1	3,248		8,072	8,061	Ö	Ö	220	
Commercial	43,176		227,540	194,775	442	115	435	
Trade and services	13,094		65,046	54,697	0	0	0	
Warehouses	6,362		20,436	29,750	0	0	0	
Service stations	4,394	3,929	5,125	0	0	0	0	
Office buildings	4,578	15,132	73,857	51,449	0	0	433	
Recreation	3,500		28,641	8,325	0	0	0	
Hotels, restaurants	4,875		10,209	31,107	0	0	0	
Laboratories	0	-	3,408	0	0	0	0	
Minor commercial projects, new and improvements <sup>1</sup>	6,373		20,818	19,447	442	115	2	
Institutional and governmental	38,933		141,706	127,895	232	1,276	0	
Schools, education	13,149		109,444	73,815	0	0	0	
Hospitals, medical	21,723 0		4,564	1,800	0	0	0	
\\\-\frac{1}{2} = \frac{1}{2}		3,353	14,055	25,359	0	0	0	
Welfare, home	-	-,						
Churches, religion	2,500	0	300	295	0	1,200	0	
	-	0 0						

<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. However, you may order 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**

С City / Cité

CC Chartered community CG Community government

CN Crown colony / Colonie de la couronne

COM Community

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

City / Ville CV CY City

DM District municipality

HAM Hamlet

Improvement district ID **IGD** Indian government district

Island municipality IM

Indian reserve / Réserve indienne IRI

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

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

NO Unorganized / Non organisé

NV Northern village NVL Nisgaa village

Parish / Paroisse (municipalité de) Ρ

PΕ Paroisse (municipalité de)

Rural community / Communauté rurale RCR

**RDA** Regional district electoral area

RG Region

Regional municipality RGM 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

Т Town TC Terres réservées aux Cris

TI Terre inuite

TK Terres réservées aux Naskapis

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

VL Village

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