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Dominion Statistician;	R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).
Chief, General Statistics:	S. A. Cudmore, M.A., F.S.S.
In Charge Employment Statistics:	M. E. K. Roughsedge.

BUILDING PERMITS FOR SEPTEMBER, 1935, WITH COMPARATIVE STATEMENTS FOR AUGUST,
1935, AND SEPTEMBER, 1934, AND CUMULATIVE FIGURES FOR FIRST NINE MONTHS,
1920-1935.

The value of the building authorized in 58^{1/} cities during September stood at \$3,322,026; this was a seasonal decrease of \$971,032 or 22.6 p.c. from the total of \$4,293,058 in August, 1935, but an increase of \$1,040,252 or 45.6 p.c. in the more significant comparison with September of last year, when the permits granted represented building valued at \$2,281,874.

The value of the building authorized in each month of the present year has been higher than in the same month of 1934, while since January, the aggregate for each month has also exceeded that for the corresponding month in 1933. The cumulative total for the first nine months of 1935 is higher than in any of the last three years, standing at \$36,510,379, as compared with \$19,715,246 in the months January-September, 1934, \$16,394,014 in 1933 and \$35,026,199 in 1932. Although the improvement indicated in the present year is partly due to the granting of construction permits for public buildings in several centres as an unemployment relief measure, the movement in general building operations has also been distinctly more favourable than in the last few years. In comparison with earlier years of the record, from 1920 to 1931, however, the value of building authorizations continues low. The index number of wholesale prices of building materials during the elapsed months of 1935, at 82.1 p.c. of the 1926 basic average, was lower than in the same period of any preceding year for which building statistics for the 61 cities are on record, with the exception of 1932 and 1933.

Some 50 cities furnished detailed statistics for September, showing that they had issued about 235 permits for dwellings estimated to cost approximately \$1,000,000, and nearly 1,600 permits for other buildings valued at about \$1,700,000. In addition two cities authorized engineering projects valued at \$23,018. During August, permits were granted for the erection of about 240 dwellings and 1,900 other buildings, estimated to cost approximately \$1,800,000 and \$2,400,000, respectively.

Prince Edward Island, New Brunswick, Quebec, Manitoba and Saskatchewan reported increases in the estimated value of building as compared with August, 1935, that of \$463,449 in Saskatchewan being most pronounced; this increase was largely due to the granting of a permit for a public building at Regina.

As compared with September, 1934, there was improvement in Prince Edward Island, New Brunswick, Ontario, Manitoba, Saskatchewan, Alberta and British Columbia. The greatest gains of \$450,515 and \$442,267 were reported in Ontario and Saskatchewan, respectively.

Of the larger cities, Toronto and Vancouver registered smaller totals of authorized building than in August, but the value in each case was higher than in September, 1934. Montreal reported a gain in the former, but a loss in the latter comparison, while Winnipeg showed an increase in both comparisons. Of the other centres, Charlottetown, New Glasgow, Fredericton, Moncton, Quebec, Sherbrooke, Westmount, Galt, Hamilton, Kingston, London, Niagara Falls, Owen Sound, Port Arthur, St. Thomas, Windsor, St. Boniface, Regina, Kamloops, Nanaimo and North Vancouver recorded increases as compared both with August, 1935, and September, 1934.

^{1/} The recent amalgamation of East Windsor, Sandwich and Walkerville with Windsor reduces the number of reporting cities from 61 to 58, without affecting the areas and population covered in these building permits statistics.

1.001

0.10

101.982.88

278,041.01

CUMULATIVE RECORD FOR FIRST NINE MONTHS, 1920-1935.

The following table gives the value of the building authorized by 58^{1/} cities during September, and in the first nine months of each year since 1920, as well as index numbers for the latter, based upon the total for the corresponding period of 1926 as 100. The average index numbers of wholesale prices of building materials in the first nine months of the years since 1920 are also given, (average 1926=100).

Year	Value of permits issued in September	Value of permits issued in first nine months	Indexes of value of permits issued, first nine months, (1926=100)	Average indexes of wholesale prices of building materials in first nine months, (Average 1926=100)
	\$	\$		
1935	3,322,026	36,510,379	30.4	82.1
1934	2,281,874	19,715,146	16.5	82.8
1933	1,986,903	16,394,014	13.6	77.5
1932	2,449,735	35,026,199	29.1	77.6
1931	10,407,999	88,602,995	73.7	82.7
1930	11,093,020	126,361,350	105.2	92.7
1929	17,117,017	186,011,017	154.8	99.2
1928	20,374,149	165,621,634	137.8	96.7
1927	14,462,243	141,152,535	117.5	96.3
1926	11,047,503	120,163,936	100.0	100.7
1925	10,140,853	98,364,181	81.9	103.1
1924	15,055,250	96,817,333	80.6	108.2
1923	10,768,898	108,319,972	90.1	111.8
1922	11,597,034	116,778,450	97.2	108.5
1921	10,907,828	88,573,442	73.7	126.8
1920	9,842,677	96,146,278	80.0	144.2

The aggregate for the first nine months of this year was higher by 85.2 p.c. than in 1934; it was also substantially higher than in 1933 and somewhat higher than in 1932. With these exceptions, the total was less than in any other year of the record; as already stated, the average index number of wholesale prices of building materials has been lower in 1935 than in previous years of this record, except 1932 and 1933.

Table 1 gives the value of the building permits issued by 58^{1/} cities during August and September, 1935, and September, 1934. The 35 cities for which data are available since 1910 are marked thus "x". The monthly totals for these centres are being revised to include East Windsor, Sandwich and Walkerville from 1920, when their co-operation was first secured; however, no revision is possible for the years 1910-1919.

^{1/} See footnote on first page.

The following table shows the results of the analysis of variance for the different treatments. The values are given in the order of the treatments. The values in parentheses are the values for the error term.

Treatment	Mean	Standard Error	Sum of Squares	D.F.	F-value	Significance
1	1.00	0.10	0.00	1	0.00	
2	1.00	0.10	0.00	1	0.00	
3	1.00	0.10	0.00	1	0.00	
4	1.00	0.10	0.00	1	0.00	
5	1.00	0.10	0.00	1	0.00	
6	1.00	0.10	0.00	1	0.00	
7	1.00	0.10	0.00	1	0.00	
8	1.00	0.10	0.00	1	0.00	
9	1.00	0.10	0.00	1	0.00	
10	1.00	0.10	0.00	1	0.00	
11	1.00	0.10	0.00	1	0.00	
12	1.00	0.10	0.00	1	0.00	
13	1.00	0.10	0.00	1	0.00	
14	1.00	0.10	0.00	1	0.00	
15	1.00	0.10	0.00	1	0.00	
16	1.00	0.10	0.00	1	0.00	
17	1.00	0.10	0.00	1	0.00	
18	1.00	0.10	0.00	1	0.00	
19	1.00	0.10	0.00	1	0.00	
20	1.00	0.10	0.00	1	0.00	
21	1.00	0.10	0.00	1	0.00	
22	1.00	0.10	0.00	1	0.00	
23	1.00	0.10	0.00	1	0.00	
24	1.00	0.10	0.00	1	0.00	
25	1.00	0.10	0.00	1	0.00	
26	1.00	0.10	0.00	1	0.00	
27	1.00	0.10	0.00	1	0.00	
28	1.00	0.10	0.00	1	0.00	
29	1.00	0.10	0.00	1	0.00	
30	1.00	0.10	0.00	1	0.00	
31	1.00	0.10	0.00	1	0.00	
32	1.00	0.10	0.00	1	0.00	
33	1.00	0.10	0.00	1	0.00	
34	1.00	0.10	0.00	1	0.00	
35	1.00	0.10	0.00	1	0.00	
36	1.00	0.10	0.00	1	0.00	
37	1.00	0.10	0.00	1	0.00	
38	1.00	0.10	0.00	1	0.00	
39	1.00	0.10	0.00	1	0.00	
40	1.00	0.10	0.00	1	0.00	
41	1.00	0.10	0.00	1	0.00	
42	1.00	0.10	0.00	1	0.00	
43	1.00	0.10	0.00	1	0.00	
44	1.00	0.10	0.00	1	0.00	
45	1.00	0.10	0.00	1	0.00	
46	1.00	0.10	0.00	1	0.00	
47	1.00	0.10	0.00	1	0.00	
48	1.00	0.10	0.00	1	0.00	
49	1.00	0.10	0.00	1	0.00	
50	1.00	0.10	0.00	1	0.00	
51	1.00	0.10	0.00	1	0.00	
52	1.00	0.10	0.00	1	0.00	
53	1.00	0.10	0.00	1	0.00	
54	1.00	0.10	0.00	1	0.00	
55	1.00	0.10	0.00	1	0.00	
56	1.00	0.10	0.00	1	0.00	
57	1.00	0.10	0.00	1	0.00	
58	1.00	0.10	0.00	1	0.00	
59	1.00	0.10	0.00	1	0.00	
60	1.00	0.10	0.00	1	0.00	
61	1.00	0.10	0.00	1	0.00	
62	1.00	0.10	0.00	1	0.00	
63	1.00	0.10	0.00	1	0.00	
64	1.00	0.10	0.00	1	0.00	
65	1.00	0.10	0.00	1	0.00	
66	1.00	0.10	0.00	1	0.00	
67	1.00	0.10	0.00	1	0.00	
68	1.00	0.10	0.00	1	0.00	
69	1.00	0.10	0.00	1	0.00	
70	1.00	0.10	0.00	1	0.00	
71	1.00	0.10	0.00	1	0.00	
72	1.00	0.10	0.00	1	0.00	
73	1.00	0.10	0.00	1	0.00	
74	1.00	0.10	0.00	1	0.00	
75	1.00	0.10	0.00	1	0.00	
76	1.00	0.10	0.00	1	0.00	
77	1.00	0.10	0.00	1	0.00	
78	1.00	0.10	0.00	1	0.00	
79	1.00	0.10	0.00	1	0.00	
80	1.00	0.10	0.00	1	0.00	
81	1.00	0.10	0.00	1	0.00	
82	1.00	0.10	0.00	1	0.00	
83	1.00	0.10	0.00	1	0.00	
84	1.00	0.10	0.00	1	0.00	
85	1.00	0.10	0.00	1	0.00	
86	1.00	0.10	0.00	1	0.00	
87	1.00	0.10	0.00	1	0.00	
88	1.00	0.10	0.00	1	0.00	
89	1.00	0.10	0.00	1	0.00	
90	1.00	0.10	0.00	1	0.00	
91	1.00	0.10	0.00	1	0.00	
92	1.00	0.10	0.00	1	0.00	
93	1.00	0.10	0.00	1	0.00	
94	1.00	0.10	0.00	1	0.00	
95	1.00	0.10	0.00	1	0.00	
96	1.00	0.10	0.00	1	0.00	
97	1.00	0.10	0.00	1	0.00	
98	1.00	0.10	0.00	1	0.00	
99	1.00	0.10	0.00	1	0.00	
100	1.00	0.10	0.00	1	0.00	

The following table shows the results of the analysis of variance for the different treatments. The values are given in the order of the treatments. The values in parentheses are the values for the error term.

Estimated Value of Construction Work as Indicated by Building Permits Issued by 58 Cities.

Cities	September, 1935	August, 1935	September, 1934
	\$	\$	\$
P.E.I.- Charlottetown	23,150	4,800	12,525
Nova Scotia	62,280	968,942	62,528
x Halifax	52,147	963,107	46,864
New Glasgow	4,800	800	1,322
x Sydney	5,333	5,035	14,342
New Brunswick	28,909	24,835	16,179
Fredericton	5,475	1,050	Nil
x Moncton	7,589	5,870	1,082
x Saint John	15,845	17,915	15,097
Quebec	583,517	330,541	629,190
x Montreal - x Maisonneuve	359,618	257,416	543,508
x Quebec	168,454	55,080	45,518
Shawinigan Falls	520	600	1,100
x Sherbrooke	16,300	5,500	9,600
x Three Rivers	2,225	700	13,700
x Westmount	36,400	11,245	15,764
Ontario	1,616,273	2,325,133	1,165,758
Belleville	900	86,200	5,700
x Brantford	17,948	31,621	20,355
Chatham	4,400	8,806	2,900
x Fort William	15,700	12,125	16,600
Galt	44,225	41,740	1,724
x Guelph	11,136	12,325	13,861
x Hamilton	142,974	142,470	80,635
x Kingston	18,648	11,206	12,085
x Kitchener	16,085	106,083	13,005
x London	51,965	30,410	48,700
Niagara Falls	43,375	705	1,316
Oshawa	16,780	71,980	5,200
x Ottawa	63,300	752,715	45,160
Owen Sound	7,000	4,621	6,475
x Peterborough	13,374	38,357	6,536
x Port Arthur	25,335	10,645	8,415
x Stratford	5,295	4,680	6,272
x St. Catharines	31,278	54,585	29,905
x St. Thomas	14,300	50	1,605
Sarnia	8,460	9,254	25,400
Sault Ste. Marie	10,490	26,505	165,375
x Toronto	630,271	702,478	541,612
York & East York Townships	126,366	133,090	52,410
Welland	3,862	4,470	32,180
x Windsor 1/ Riverside	285,795	13,450	12,590
Woodstock	1,100	1,925	Nil
Woodstock	5,911	12,637	9,742
Manitoba	116,930	102,985	66,365
x Brandon	2,100	27,385	1,600
St. Boniface	30,180	1,300	2,215
x Winnipeg	84,650	74,300	62,550
Saskatchewan	490,984	27,535	48,717
x Moose Jaw	5,150	4,660	5,500
x Regina	479,094	6,555	38,822
x Saskatoon	6,740	16,320	4,395
Alberta	106,034	121,590	93,150
x Calgary	54,519	58,237	29,235
x Edmonton	42,210	53,310	50,660
Lethbridge	9,015	10,043	9,790
Medicine Hat	290	Nil	3,465
British Columbia	293,949	386,697	187,462
Kamloops	5,175	1,685	1,700
Nanaimo	3,479	900	1,380
x New Westminster	9,300	10,950	7,500
Prince Rupert	1,005	22,015	1,730
x Vancouver	246,495	308,585	134,445
North Vancouver	1,385	1,315	620
x Victoria	27,110	41,247	40,087
Total - 58 Cities 1/	3,322,026	4,293,058	2,281,874
Total - 35 Cities 1/	2,953,547	3,846,617	1,937,605

1/ Includes East Windsor, Sandwich and Walkerville, formerly shown separately, amalgamated with Windsor as from July 1, 1935.

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