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1965-67

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CONSTRUCTION IN CANADA

1965 - 67

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INTRODUCTION

This report contains data on the total value of construction put in place during 1965 and 1966 and provides estimates of the intended program for 1967. The information presented for 1966 is preliminary whereas that shown for 1965 and earlier years is final.

The estimates are based mainly on data collected earlier by the DBS for the publication "Private and Public Investment in Canada, Outlook 1967". The report "Private and Public Investment

in Canada" provides data by industry and by area, while the present report "Construction in Canada" shows estimates for about 70 different types of structures. The total construction programme is also cross-classified by type of structure, industry, province, new and repair work, own account and contract work, constant and current dollars, etc. Also included are statistics on cost of materials used and on the labour content of the value of construction put in place.

DEFINITIONS

Construction activity is defined for purposes of this report as the creation of fixed capital in the form of buildings, bridges, highways, port facilities, hydro-electric installations and other such structures; also included are outlays for additions, alterations and repairs to these structures.

Construction activity includes both "own account construction" and "contract" construction. "Own account" is that portion of the construction activity performed by an establishment primarily engaged in some business other than construction for its own account and performed by its own employees, as well as individuals engaging in new construction and repairs for their own use.

New Construction comprises all new work put in place, as well as additions and major renovations, conversions and alterations where either a structural change takes place or the life of an existing asset is extended.

Repair construction consists of minor renovations and alterations made to maintain the operating efficiency of the existing structures.

The data for the value of construction put in place includes all costs incurred directly or indirectly by the organization or individual paying for the erection of a new structure.

GENERAL REVIEW

Spending on construction-type goods in 1967 is expected to rise to about \$11.5 billion from about \$11.2 billion in 1966 or by 2.3 per cent. The 1967 percentage increase over the previous year compares with increases of 13.5 per cent and 14.3 per cent realized in 1966 and 1965 respectively. With the exception of Newfoundland and Quebec, all provinces are expected to record increases in construction expenditures in 1967.

The intended 1967 spending on new construction at \$9.5 billion will probably be 1.2 per cent higher than in 1966; while, the repair portion, amounting to just over \$2 billion, will show an increase of about 8 per cent. The proportion of the complete programme to be performed under contract will remain comparable to last year's proportion (79.5 p.c.). Of the total value of construction put in place during 1967 the engineering portion is estimated to account for 41.4 per cent of the total activity and will probably show an increase of 4.1 per cent over the

previous year. The strength in the engineering group of structures is primarily due to projects classified under marine engineering, dams and irrigation. Building construction will probably rise by 1.1 per cent with increases mainly in institutional type buildings such as schools, other educational buildings, hospitals, sanatoria, clinics, etc.

The analysis of the total value of work to be put in place in 1967 by the various industries reveals significant variations over 1966. The Institutions show the largest percentage increase of 15.5 per cent or \$169 million, while the Utilities with a percentage increase of 11.2 per cent should provide the largest numerical increase (\$228 million). The sharpest percentage decrease amounting to 29.7 per cent or \$78 million will occur in Commercial Services followed by a 17.6 per cent decline (\$164 million) in Manufacturing. The completion of projects related to Expo '67 account for a substantial part of the decrease in Commercial Services.

**TABLE A. Total Value of Construction Work Performed – Percentage Variation in Year to Year
and in Terms of Constant and Current Dollars, 1958-67^{1,2}**

Year	Current dollars		Constant 1957 dollars	
	Amount	Variation	Amount	Variation
	\$ mill	%	\$ mill	%
1958	7,092	1.0	7,095	1.0
1959	7,077	- 0.2	6,847	- 3.5
1960	6,886	- 2.7	6,521	- 4.8
1961	6,974	1.3	6,659	2.1
1962	7,296	4.6	6,794	2.0
1963	7,716	5.8	6,930	2.0
1964	8,634	11.9	7,441	7.4
1965	9,868	14.3	8,040	8.0
1966	11,199	13.5	8,591	6.9
1967	11,462	2.3	—	—

¹ For the Dominion Bureau of Statistics report "Private and Public Investment in Canada" the total value of construction work performed amounted to \$9,870 millions in 1965 and \$11,199 millions in 1966 and \$11,460 millions in 1967. The small differences are due to rounding procedures.

² Actual expenditures 1965, preliminary actual 1966, intentions 1967.

TABLE 1. Total Value of Construction Work Performed - Current and Constant Dollars by New and Repair, 1958-67¹

Year	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars
	millions of dollars							
1958	5,831	5,865	1,261	1,230	7,092	7,095	21.6	22.0
1959	5,710	5,557	1,367	1,290	7,077	6,847	20.3	20.5
1960	5,454	5,224	1,432	1,301	6,886	6,525	19.0	19.1
1961	5,518	5,346	1,456	1,313	6,974	6,659	18.7	19.0
1962	5,787	5,475	1,509	1,319	7,296	6,794	18.1	18.2
1963	6,157	5,613	1,559	1,317	7,716	6,930	17.8	17.6
1964	7,004	6,119	1,630	1,322	8,634	7,441	18.2	17.8
1965	8,114	6,694	1,754	1,346	9,868	8,040	19.0	18.0
1966	9,346	7,263	1,853	1,328	11,199	8,591	-	-
1967	9,457	-	2,005	-	11,462	-	-	-

¹ Actual 1958-65, preliminary 1966, intentions 1967.

TABLE 2. Total Value of Construction Work Performed - Contractors and Others by New and Repair, 1963-67^{1,2}

Year	Contract construction			Other construction ²			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1963	5,213	821	6,034	944	738	1,682	6,157	1,559	7,716
1964	5,937	896	6,833	1,067	734	1,801	7,004	1,630	8,634
1965	6,904	966	7,870	1,210	788	1,998	8,114	1,754	9,868
1966	7,889	1,014	8,903	1,457	839	2,296	9,346	1,853	11,199
1967	7,958	1,085	9,043	1,499	920	2,419	9,457	2,005	11,462

¹ Actual 1963-65, preliminary 1966, intentions 1967.

² Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

TABLE 3. Total Value of Construction Work Performed - Principal Type of Construction, 1963-67^{1,2}

Type of construction	1963		1964		1965		1966		1967	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
Total construction	7,716	100.0	8,634	100.0	9,868	100.0	11,199	100.0	11,462	100.0
Total building construction²	4,692	60.8	5,179	60.0	5,906	59.9	6,643	59.3	6,719	58.6
Residential	2,257	29.2	2,604	30.2	2,752	27.9	2,843	25.4	2,871	25.0
Industrial	535	6.9	666	7.7	776	7.9	978	8.7	815	7.1
Commercial	737	9.6	846	9.8	1,015	10.3	1,241	11.1	1,235	10.8
Institutional	857	11.1	766	8.9	1,019	10.3	1,208	10.8	1,412	12.3
Other building	306	4.0	297	3.4	344	3.5	373	3.3	386	3.4
Total engineering	3,024	39.2	3,455	40.0	3,962	40.1	4,556	40.7	4,743	41.4
Marine	61	0.8	68	0.8	107	1.1	122	1.1	153	1.3
Road highway and aerodrome construction	846	10.9	965	11.1	1,067	10.7	1,199	10.7	1,162	10.1
Waterworks and sewage systems	266	3.4	285	3.3	361	3.7	409	3.7	409	3.6
Dams and irrigation	85	1.1	170	2.0	292	3.0	225	2.0	269	2.3
Electric power construction	493	6.4	541	6.3	576	5.8	825	7.4	901	7.9
Railway, telephone and telegraph construction	406	5.3	411	4.8	406	4.1	457	4.1	523	4.6
Gas and oil facilities	500	6.5	547	6.3	633	6.4	655	5.8	695	6.1
Other engineering construction	367	4.8	468	5.4	520	5.3	664	5.9	631	5.5

¹ Actual 1963-65, preliminary 1966, intentions 1967.

² Estimates for types of structure in agriculture have been compiled for 1963, 1964, 1965, 1966 and 1967 on the basis of more recent related information and are, therefore, not comparable with data for types of structure in the years prior to 1963. This affects data in Tables 3, 4, 5, 6, 9, 10 and Tables 18 to 27. The use of a special survey questionnaire for petroleum and gas wells and for natural gas processing plants resulted in some re-allocation of data by type of structure after 1964.

TABLE 4. Total Value of Construction Work Performed—Principal Type of Construction by Industry, 1965-67^{1,2}

Industry	1965			1966			1967		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
thousands of dollars									
Totals.....	5,905,641	3,962,278	9,867,919	6,643,155	4,555,764	11,198,919	6,718,423	4,743,337	11,461,760
Agriculture and fishing ²	189,490	103,164	292,654	199,716	108,361	308,077	209,600	114,040	323,640
Forestry	9,449	50,615	60,064	8,930	50,086	59,016	9,173	48,113	57,286
Mining, quarrying and oil wells	96,664	552,980	649,644	173,539	618,465	792,004	147,826	613,637	761,463
Construction	20,540	1,062	21,602	20,012	968	21,000	19,960	1,040	21,000
Manufacturing	644,553	110,947	755,500	781,840	149,594	931,434	629,048	138,133	767,181
Utilities	130,929	1,612,767	1,743,696	188,004	1,842,421	2,030,425	235,203	2,023,200	2,256,403
Trade—Wholesale and retail.....	190,675	8,119	198,794	232,243	9,222	241,465	257,104	15,368	272,472
Finance, insurance and real estate	384,738	6,202	390,940	421,208	8,465	429,673	407,127	3,681	410,808
Commercial services	173,955	29,667	203,622	208,867	52,655	261,522	164,506	19,364	183,870
Housing	2,751,500	—	2,751,500	2,842,600	—	2,842,600	2,870,900	—	2,870,900
Institutional services	921,094	10,487	931,581	1,074,133	16,287	1,090,420	1,249,046	10,636	1,259,682
Government departments	392,054	1,476,268	1,868,322	492,063	1,699,220	2,191,283	518,930	1,756,125	2,275,055

¹ Actual 1965, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

TABLE 5. Total Value of Construction Work Performed—Dollar and Percentage Variation by Principal Type of Construction by Industry, 1965-67^{1,2}

Industry	Variation 1965 to 1966						Variation 1966 to 1967					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
Totals	737	12.5	593	15.0	1,330	13.5	75	1.1	188	4.1	263	2.3
Agriculture and fishing ²	10	5.4	5	5.0	15	5.3	10	4.9	6	5.2	16	5.1
Forestry	- 1	- 5.5	- 1	- 1.0	- 2	- 1.7	-	2.7	- 2	- 3.9	- 2	- 2.9
Mining, quarrying and oil wells	77	79.5	65	11.8	142	21.9	- 26	- 14.8	- 5	- .8	- 31	- 3.9
Construction	- 1	- 2.6	-	- 7.0	- 1	- 2.8	-	-.3	-	5.3	-	0
Manufacturing	137	21.3	39	34.8	176	23.3	- 153	- 19.5	- 11	- 7.7	- 164	- 17.6
Utilities.....	58	43.6	230	14.2	288	16.4	47	25.1	181	9.8	228	11.2
Trade—Wholesale and retail	42	21.8	1	13.6	43	21.5	25	10.7	6	66.6	31	12.8
Finance, insurance and real estate	36	9.5	2	36.5	38	9.9	- 14	- 3.3	- 5	- 56.5	- 19	- 4.4
Commercial services	35	20.1	23	77.5	58	28.4	- 44	- 21.2	- 33	- 63.2	- 77	- 29.7
Housing	91	3.3	-	-	91	3.3	28	1.0	-	-	28	1.0
Institutional services	153	16.6	6	55.3	159	17.1	175	16.3	- 6	- 34.7	169	15.5
Government departments	100	25.5	223	15.1	323	17.3	27	5.5	57	3.3	84	3.8

¹ Actual 1965, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

TABLE 6. Total Value of Construction Work Performed—Type of Structure, 1963-67^{1,2,3}

Type of structure	1963	1964	1965	1966	1967
thousands of dollars					
Total value of construction	7,716,011	8,634,189	9,867,919	11,198,919	11,461,760
Total building construction	4,692,308	5,179,407	5,905,641	6,643,155	6,718,423
Residential	2,257,400	2,604,500	2,751,500	2,842,600	2,870,900
Industrial	535,610	666,412	775,456	978,455	815,314
2. Factories, plants, workshops, food canneries	409,822	522,927	679,909	801,226	645,141
3. Mine and mine mill buildings	86,636	104,496	63,944	136,710	126,785
4. Railway stations, offices, roadway buildings	26,890	24,802	20,435	26,383	27,529
5. Railway shops, engine houses, water and fuel stations	12,262	14,187	11,168	14,136	15,859
Commercial	736,922	845,966	1,015,114	1,241,223	1,234,748
6. Warehouses, storehouses, refrigerated storage, etc.	70,653	70,009	80,469	113,815	120,556
7. Grain elevators	21,200	17,167	18,052	26,545	55,929
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	67,031	72,697	97,415	115,336	90,813
9. Office buildings	296,283	369,627	408,965	465,895	458,668
10. Stores, retail and wholesale	171,686	205,948	252,188	287,100	253,009
11. Garages and service stations	45,953	45,147	56,501	60,280	109,451
12. Theatres, arenas, amusement and recreational buildings	61,107	61,837	98,306	169,961	144,148
13. Laundries and dry cleaning establishments	3,009	3,534	3,218	2,291	2,172
Institutional	856,631	765,808	1,019,315	1,207,947	1,412,105
14. Schools and other educational buildings	577,584	472,483	671,696	815,144	933,030
15. Churches and other religious buildings	53,973	50,888	58,511	42,831	40,606
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	180,746	179,017	184,569	211,304	282,857
17. Other institutional buildings	44,328	63,420	104,539	138,668	155,612
Other building construction	305,745	296,721	344,256	372,930	385,356
18. Farm buildings (excluding dwellings)	175,611	179,644	192,341	205,991	212,506
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	48,341	37,911	44,192	49,087	53,220
20. Aeroplane hangars	5,624	4,192	3,755	5,065	7,713
21. Passenger terminals, bus, boat or air	22,099	6,219	10,029	23,945	14,516
22. Armouries, barracks, drill halls, etc.	17,529	20,163	21,425	23,064	25,425
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	13,506	18,195	15,277	19,876	18,845
24. Other building construction	23,035	30,397	57,237	45,902	53,131
Total engineering construction	3,023,703	3,454,782	3,962,278	4,555,764	4,743,337
Marine construction	60,569	67,552	107,349	121,571	153,030
25. Docks, wharves, piers, breakwaters	37,517	46,309	55,575	69,838	80,904
26. Retaining walls, embankments, ripraping	6,154	6,515	6,904	5,619	6,474
27. Canals and waterways	3,064	4,405	24,873	20,739	36,919
28. Dredging and pile driving	7,706	5,614	11,959	16,100	19,051
29. Dyke construction	2,069	532	518	513	665
30. Logging booms	718	1,297	1,772	1,201	975
31. Other marine construction	3,341	2,880	5,748	7,561	8,042

See footnotes at end of table.

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TABLE 6. Total Value of Construction Work Performed — Type of Structure, 1963-67^{1,2,3} — Concluded

Type of structure	1963	1964	1965	1966	1967
thousands of dollars					
Road, highway and aerodrome construction.....	846,080	964,612	1,067,021	1,199,696	1,161,817
32. Hard surfaced or paved streets, highways, parking lots, etc.	493,080	616,229	678,324	875,490	814,058
33. Gravel or stone streets, highways, roads, parking lots, etc.	236,438	181,799	264,039	163,749	180,252
34. Dirt, clay or other streets, roads, parking lots, etc.	35,210	92,332	46,646	65,559	65,134
35. Grading, scraping, oiling, filling	35,553	34,664	32,735	49,294	49,381
36. Sidewalks, paths.....	26,181	22,384	27,454	24,159	25,342
37. Aerodromes, landing fields, runways, tarmac.....	19,618	17,224	17,823	21,445	27,150
Waterworks and sewage systems.....	266,330	285,114	361,294	409,037	409,348
38. Tile drains, drainage ditches, storm sewers.....	25,224	24,226	31,218	42,174	44,309
39. Water mains, hydrants and services.....	91,111	100,454	131,427	131,544	125,103
40. Sewage systems and connections.....	132,340	143,180	163,266	194,065	197,815
41. Pumping stations, water.....	10,450	13,138	26,560	33,131	34,480
42. Water storage tanks.....	7,205	4,116	8,823	8,123	7,641
Dams and irrigation.....	84,993	169,883	291,608	224,762	269,160
43. Dams and reservoirs.....	60,680	146,183	266,814	172,825	199,783
44. Irrigation and land reclamation projects	24,313	23,700	24,794	51,937	69,377
Electric power construction.....	492,511	541,021	576,289	824,595	901,177
45. Electric power generating plants, including water conveying and controlling structures.....	220,776	170,467	190,404	400,847	428,274
46. Electric transformer stations.....	42,206	69,541	52,815	56,767	57,562
47. Power transmission and distribution lines, trolley wires.....	207,765	275,731	308,719	340,757	388,167
48. Street lighting	21,764	25,282	24,351	26,224	27,174
Railway, telephone and telegraph.....	406,165	411,326	405,638	436,579	522,666
49. Railway tracks and roadbed.....	231,139	228,794	202,891	231,264	282,597
50. Signals and interlockers.....	18,080	17,991	16,021	20,179	23,066
51. Telegraph and telephone lines, underground and marine cables	156,946	164,541	186,726	205,136	217,003
Gas and oil facilities.....	499,962	546,755	633,471	655,183	694,840
52. Gas mains and services.....	69,429	53,303	50,945	67,227	59,499
53. Pumping stations, oil.....	4,153	5,917	3,444	14,013	9,835
54. Pumping stations, gas	30,831	30,211	4,382	7,921	11,281
55. Oil storage tanks.....	16,237	19,349	10,077	12,577	14,412
56. Gas storage tanks.....	1,413	1,260	1,418	4,227	3,515
57. Oil pipe lines.....	25,362	27,251	42,056	62,449	44,515
58. Gas pipe lines.....	53,705	96,846	51,249	39,373	62,101
59. Oil wells.....	162,407	187,190	290,334	264,446	259,996
60. Gas wells.....	26,781	31,168	70,363	74,596	91,404
61. Oil refinery — Processing units ³	65,805	51,930	64,853	80,789	81,863
62. Natural gas cleaning plants.....	43,839	42,330	44,350	27,565	56,419
Other engineering construction.....	367,093	468,519	519,608	664,341	631,299
63. Bridges, trestles, culverts, overpasses, viaducts	202,342	211,757	215,693	227,142	235,807
64. Tunnels and subways.....	31,853	73,512	61,107	54,356	40,911
65. Incinerators	393	154	273	241	504
66. Park systems, landscaping, sodding, etc.....	15,664	9,917	11,707	21,938	21,895
67. Swimming pools, tennis courts, outdoor recreation facilities	4,877	2,598	3,877	10,813	13,595
68. Mine shafts and other below surface workings	36,830	45,521	58,707	115,716	127,661
69. Fences, snowsheds, signs, guard rails	38,561	40,634	43,827	45,886	50,433
70. Other engineering construction.....	36,573	84,426	124,417	188,249	140,493

¹ Actual 1963-85, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

³ Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

Value of electric power

TABLE 7. Total Value of Construction Work Performed – Labour Content and Cost of Materials Used by Province, 1963-67^{1,2}

Province and year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
thousands of dollars				
Canada:				
1963	523,909	2,560,877	3,736,494	7,716,011
1964	547,377	2,812,089	4,241,373	8,634,189
1965	593,093	3,275,806	4,764,920	9,867,919
1966	613,801	3,729,784	5,391,792	11,198,919
1967	601,228	3,829,424	5,501,153	11,461,760
Newfoundland:				
1963	12,318	56,189	86,780	185,215
1964	12,542	55,963	76,674	182,079
1965	13,382	58,824	79,199	186,305
1966	17,292	83,052	113,485	258,420
1967	15,908	80,023	108,981	249,158
Prince Edward Island:				
1963	3,418	11,812	17,872	38,326
1964	2,537	9,355	15,671	33,538
1965	2,825	11,142	18,258	39,160
1966	2,698	11,751	19,344	42,136
1967	3,115	14,326	23,786	52,149
Nova Scotia:				
1963	18,027	70,387	104,013	213,108
1964	18,232	71,940	103,364	215,779
1965	21,244	88,375	120,328	256,356
1966	22,619	102,855	138,126	297,089
1967	24,911	119,367	158,942	342,781
New Brunswick:				
1963	14,153	51,909	80,906	158,523
1964	17,224	67,207	104,490	205,723
1965	19,131	80,833	128,450	255,314
1966	19,591	91,177	142,948	282,806
1967	19,668	96,049	150,680	299,063
Quebec:				
1963	136,121	638,013	1,006,379	1,963,920
1964	150,163	755,602	1,219,915	2,365,945
1965	158,996	853,898	1,311,746	2,616,761
1966	151,074	891,779	1,370,481	2,738,338
1967	137,033	846,212	1,295,368	2,588,229
Ontario:				
1963	174,273	897,700	1,282,568	2,620,182
1964	177,111	957,607	1,391,038	2,825,132
1965	189,239	1,102,276	1,554,190	3,171,774
1966	203,168	1,307,326	1,837,764	3,753,936
1967	200,078	1,349,348	1,689,851	3,864,570
Manitoba:				
1963	28,511	136,672	187,082	402,922
1964	30,579	142,465	202,272	421,133
1965	29,820	142,431	194,399	415,113
1966	32,181	170,247	231,421	497,554
1967	34,959	195,370	259,795	563,251

See footnote at end of table.

TABLE 7. Total Value of Construction Work Performed—Labour Content and Cost of Materials Used
by Province, 1963-67^{1,2}—Concluded

Province and year	Labour content		Cost of materials used	Value of work performed		
	Number	Value				
thousands of dollars						
Saskatchewan:						
1963.....	30,997	144,766	213,237	444,621		
1964.....	30,210	146,402	236,652	476,900		
1965.....	34,880	182,669	258,827	564,983		
1966.....	37,850	216,196	301,182	662,693		
1967.....	38,307	230,822	320,438	701,664		
Alberta:						
1963.....	53,730	270,534	391,461	861,795		
1964.....	53,463	282,535	418,845	919,871		
1965.....	58,591	333,813	509,543	1,093,666		
1966.....	61,872	387,241	579,600	1,249,700		
1967.....	61,112	399,719	598,210	1,289,903		
British Columbia: ²						
1963.....	52,361	282,895	386,196	827,399		
1964.....	55,316	323,013	472,452	988,089		
1965.....	64,985	421,545	589,980	1,268,487		
1966.....	65,456	468,160	657,441	1,416,247		
1967.....	66,137	498,188	695,102	1,510,992		

¹ Actual 1963-65, preliminary 1966, intentions 1967.

² British Columbia includes Northwest Territories and Yukon.

TABLE 8. Total Value of Work Performed—Labour Content and Cost of Materials Used by Contractors, Utilities,
Governments and Miscellaneous, 1963-67^{1,2}

Year	Labour content		Cost of materials used	Value of work performed		
	Number	Value				
thousands of dollars						
Total:						
1963.....	523,909	2,560,877	3,736,494	7,716,011		
1964.....	547,377	2,812,089	4,241,373	8,634,189		
1965.....	593,093	3,275,806	4,764,920	9,867,919		
1966.....	613,801	3,729,784	5,391,792	11,198,919		
1967.....	601,228	2,829,424	5,501,153	11,461,760		
Contractors:						
1963.....	377,040	1,876,434	2,967,999	6,033,670		
1964.....	397,275	2,074,701	3,441,360	6,833,265		
1965.....	427,667	2,411,549	3,862,517	7,869,858		
1966.....	438,899	2,728,828	4,387,059	8,902,473		
1967.....	424,922	2,774,063	4,450,458	9,042,556		
Utilities:						
1963.....	63,363	325,283	433,769	805,581		
1964.....	72,042	387,462	446,678	911,663		
1965.....	68,629	396,922	431,615	907,581		
1966.....	72,098	456,377	490,624	1,036,757		
1967.....	74,919	493,461	524,881	1,114,610		
Governments:						
1963.....	51,691	214,290	153,309	506,306		
1964.....	47,897	206,617	167,552	504,945		
1965.....	62,721	290,735	216,517	634,533		
1966.....	67,177	340,168	252,637	745,101		
1967.....	68,053	361,923	268,382	797,800		
Miscellaneous:						
1963.....	31,815	144,870	181,417	370,454		
1964.....	30,163	143,309	185,283	384,316		
1965.....	34,076	176,600	234,271	455,947		
1966.....	35,627	204,411	261,472	514,588		
1967.....	33,334	199,977	257,432	506,794		

¹ Actual 1963-65, preliminary 1966, intentions 1967.

² Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

TABLE 9. Total Value of Construction Work Performed — Type of Structure and by New and Repair — Canada, 1965-67^{1,2,3}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	8,113,851	1,754,068	9,867,919	9,345,805	1,853,114	11,198,919	9,456,819	2,004,941	11,461,760
Total building construction	4,829,872	1,075,769	5,905,641	5,499,153	1,144,002	6,643,155	5,504,141	1,214,282	6,718,423
Residential	2,133,300	618,200	2,751,500	2,181,400	661,200	2,842,600	2,170,000	700,900	2,870,900
Industrial	625,068	150,388	775,456	825,588	152,867	978,455	646,580	168,734	815,314
2. Factories, plants, workshops, food canneries	559,886	120,023	679,909	681,919	119,307	801,226	517,888	127,253	645,141
3. Mine and mine mill buildings	52,199	11,745	63,944	121,602	15,108	136,710	110,465	16,320	126,785
4. Railway stations, offices, roadway buildings	8,105	12,330	20,435	14,208	12,175	26,383	10,982	16,547	27,529
5. Railway shops, engine houses, water and fuel stations	4,878	6,290	11,168	7,859	6,277	14,136	7,245	8,614	15,859
Commercial	875,717	139,397	1,015,114	1,094,482	146,741	1,241,223	1,083,275	151,473	1,234,748
6. Warehouses, storehouses, refrigerated storage, etc.	67,016	13,453	80,469	98,625	15,190	113,815	104,336	16,222	120,558
7. Grain elevators	9,980	8,072	18,052	21,160	5,385	26,545	48,073	7,856	55,929
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	82,038	15,377	97,415	98,511	16,825	115,336	75,728	15,085	90,813
9. Office buildings	361,913	47,052	408,965	411,281	54,614	465,895	404,449	54,219	458,668
10. Stores, retail and wholesale	217,634	34,554	252,188	254,712	32,388	287,100	219,050	33,959	253,009
11. Garages and service stations	43,295	13,206	56,501	47,777	12,503	60,280	96,058	13,393	109,451
12. Theatres, arenas, amusement and recreational buildings	91,871	6,435	98,306	161,413	8,548	169,961	134,605	9,543	144,148
13. Laundries and dry cleaning establishments	1,970	1,248	3,218	1,003	1,288	2,291	976	1,196	2,172
Institutional	940,946	78,369	1,019,315	1,116,288	91,659	1,207,947	1,314,848	97,257	1,412,105
14. Schools and other educational buildings	632,092	39,604	671,696	769,071	46,073	815,144	882,590	50,440	933,030
15. Churches and other religious buildings	51,196	7,315	58,511	36,676	6,155	42,831	35,474	5,132	40,606
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	162,621	21,948	184,569	183,659	27,645	211,304	254,255	28,602	282,857
17. Other institutional buildings	95,037	9,502	104,539	126,882	11,786	138,668	142,529	13,083	155,612
Other building construction	254,841	89,415	344,256	281,395	91,535	372,930	289,438	96,918	385,356
18. Farm buildings (excluding dwellings)	137,782	54,559	192,341	149,206	56,785	205,991	153,201	59,305	212,506
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	41,102	3,090	44,192	45,915	3,172	49,087	50,041	3,179	53,220
20. Aeroplane hangars	518	3,237	3,755	1,093	3,972	5,065	3,568	4,145	7,713
21. Passenger terminals, bus, boat or air	9,265	764	10,029	22,853	1,092	23,945	13,485	1,031	14,516
22. Armouries, barracks, drill halls, etc.	6,397	15,028	21,425	7,546	15,518	23,064	8,654	16,771	25,425
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	11,379	3,898	15,277	16,367	3,509	19,876	15,529	3,316	18,845
24. Other building construction	48,398	6,839	57,237	38,415	7,487	45,902	44,960	8,171	53,131
Total engineering construction	3,283,979	678,299	3,962,278	3,846,652	709,112	4,555,764	3,952,678	790,659	4,743,337
Marine construction	83,666	23,683	107,349	95,107	26,464	121,571	125,199	27,831	153,030
25. Docks, wharves, piers, breakwaters	45,638	9,937	55,575	56,673	13,165	69,838	66,830	14,074	80,904
26. Retaining walls, embankments, ripraping	5,751	1,153	6,904	5,094	525	5,619	5,776	698	6,474
27. Canals and waterways	19,717	5,156	24,873	14,955	5,784	20,739	31,754	5,165	36,919
28. Dredging and pile driving	7,836	4,123	11,959	11,969	4,131	16,100	14,186	4,865	19,051
29. Dyke construction	400	118	518	415	98	513	551	114	665
30. Logging booms	798	974	1,772	609	592	1,201	496	479	975
31. Other marine construction	3,526	2,222	5,748	5,392	2,169	7,561	5,606	2,436	8,042

See footnotes at end of table.

TABLE 9. Total Value of Construction Work Performed – Type of Structure and by New and Repair – Canada, 1965 - 67^{1,2,3} – Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction	839,896	227,125	1,067,021	963,625	236,071	1,199,696	912,482	249,335	1,161,817
32. Hard surfaced or paved streets, highways, parking lots, etc.	549,939	128,385	678,324	715,027	160,463	875,490	644,936	169,122	814,058
33. Gravel or stone streets, highways, roads, parking lots, etc.	195,449	68,590	264,039	121,162	42,587	163,749	134,111	46,141	180,252
34. Dirt, clay or other streets, roads, parking lots, etc.	34,876	11,770	46,646	48,707	16,852	65,559	49,106	16,028	65,134
35. Grading, scraping, oiling, filling.	24,507	8,228	32,735	41,509	7,785	49,294	41,280	8,601	49,881
36. Sidewalks, paths.	20,102	7,352	27,454	18,697	5,462	24,159	19,070	6,272	25,342
37. Aerodromes, landing fields, runways, tarmac.	15,023	2,800	17,823	18,523	2,922	21,445	23,979	3,171	27,150
Waterworks and sewage systems	306,034	55,260	361,294	352,678	56,359	409,037	348,927	60,421	409,348
38. Tile drains, drainage ditches, storm sewers.	20,980	10,238	31,218	31,435	10,739	42,174	32,430	11,879	44,309
39. Water mains, hydrants and services.	105,321	26,106	131,427	105,335	26,209	131,544	97,924	27,179	125,103
40. Sewage systems and connections.	149,871	13,395	163,266	177,818	16,247	194,065	182,605	15,210	197,815
41. Pumping stations, water.	24,341	2,219	26,560	30,977	2,154	33,131	29,394	5,086	34,480
42. Water storage tanks.	5,521	3,302	8,823	7,113	1,010	8,123	6,574	1,067	7,641
Dams and irrigation	281,507	10,101	291,608	213,980	10,782	224,762	257,288	11,872	269,160
43. Dams and reservoirs.	264,172	2,642	266,814	169,827	2,998	172,825	196,070	3,713	199,783
44. Irrigation and land reclamation projects.	17,335	7,459	24,794	44,153	7,784	51,937	61,218	8,159	69,377
Electric power construction	514,521	61,768	576,289	759,610	64,985	824,595	830,564	70,613	901,177
45. Electric power generating plants, including water conveying and controlling structures.	175,912	14,492	190,404	385,209	15,638	400,847	411,490	16,784	428,274
46. Electric transformer stations.	47,098	5,717	52,815	51,298	5,469	56,767	51,823	5,739	57,562
47. Power transmission and distribution lines, trolley wires.	274,751	33,968	308,719	302,755	38,002	340,757	346,415	41,752	388,167
48. Street lighting.	16,760	7,591	24,351	20,348	5,876	26,224	20,836	6,338	27,174
Railway, telephone and telegraph	246,825	158,813	405,638	289,475	167,104	456,579	312,398	210,268	522,666
49. Railway tracks and roadbed.	102,086	100,805	202,891	123,735	107,529	231,264	138,552	144,045	282,597
50. Signals and interlockers.	6,688	9,333	16,021	10,685	9,494	20,179	10,503	12,563	23,066
51. Telegraph and telephone lines, underground and marine cables.	138,051	48,675	186,726	155,055	50,081	205,136	163,343	53,660	217,003
Gas and oil facilities	566,252	67,219	633,471	581,728	73,455	655,183	617,601	77,239	694,840
52. Gas mains and services.	45,411	5,534	50,945	61,889	5,338	67,227	54,154	5,345	59,499
53. Pumping stations, oil.	2,237	1,207	3,444	12,200	1,813	14,013	7,913	1,922	9,835
54. Pumping stations, gas.	3,650	732	4,382	7,595	326	7,921	11,155	126	11,281
55. Oil storage tanks.	7,302	2,775	10,077	9,984	2,593	12,577	11,428	2,984	14,412
56. Gas storage tanks.	1,338	80	1,418	4,076	151	4,227	3,364	151	3,515
57. Oil pipe lines.	39,924	2,132	42,056	60,310	2,139	62,449	42,438	2,077	44,515
58. Gas pipe lines.	50,125	1,124	51,249	38,223	1,150	39,373	61,144	957	62,101
59. Oil wells.	275,715	14,619	290,334	245,300	19,146	264,446	240,104	19,892	259,996
60. Gas wells.	66,649	3,714	70,363	69,614	4,982	74,596	85,259	6,145	91,404
61. Oil refinery – Processing units ³	36,233	28,620	64,853	50,379	30,410	80,789	49,838	32,15	81,863
62. Natural gas cleaning plants.	37,668	6,682	44,350	22,158	5,407	27,565	50,804	5,616	56,419
Other engineering construction	445,278	74,330	519,608	590,449	73,892	664,341	548,219	83,080	631,299
63. Bridges, trestles, culverts, overpasses, viaducts.	186,888	28,805	215,693	198,402	28,740	227,142	201,882	33,925	235,807
64. Tunnels and subways.	60,795	312	61,107	53,982	374	54,356	40,362	549	40,911
65. Incinerators.	172	101	273	165	76	241	441	63	504
66. Park systems, landscaping, sodding, etc.	8,215	3,492	11,707	16,554	5,384	21,938	15,529	6,366	21,895
67. Swimming pools, tennis courts, outdoor recreation facilities.	2,713	1,164	3,877	9,563	1,250	10,813	12,158	1,440	13,595
68. Mine shafts and other below surface workings.	54,162	4,545	58,707	112,191	3,525	115,716	123,793	3,868	127,661
69. Fences, snowsheds, signs, guard rails.	25,684	18,143	43,827	28,818	17,068	45,886	31,478	18,955	50,433
70. Other engineering construction.	106,649	17,768	124,417	170,774	17,475	188,249	122,579	17,914	140,493

¹ Actual 1965, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

³ Item 61 "Oil refinery – Processing units" includes related structures employed in production of petrochemicals.

TABLE 10. Total Value of Construction Work Performed—New and Repair by Type of Structure by Primary Industries, 1965-67^{1,2,3}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	239,493	156,690	1,023,964	1,013,181	166,916	1,180,097	988,958	174,431	1,163,389
Total building construction	239,493	76,650	316,143	320,187	82,010	402,197	299,519	87,040	386,559
Residential	—	—	—	—	—	—	—	—	—
Industrial	77,585	15,840	93,425	150,592	17,537	168,129	127,802	19,343	147,145
2. Factories, plants, workshops, food canneries	25,367	4,129	29,496	29,622	2,428	32,050	17,742	3,006	20,748
3. Mine and mine mill buildings	51,704	11,694	63,398	120,953	15,108	136,061	109,995	16,320	126,315
4. Railway stations, offices, roadway buildings	74	17	91	10	1	11	—	17	17
5. Railway shops, engine houses, water and fuel stations	440	—	440	7	—	7	65	—	65
6.	—	—	—	—	—	—	—	—	—
Commercial	14,642	3,995	18,637	12,379	3,518	15,897	8,758	3,908	12,666
6. Warehouses, storehouses, refrigerated storage, etc...	6,990	2,085	9,075	3,514	1,798	5,312	3,618	2,013	5,631
7. Grain elevators	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	93	109	202	502	180	682	54	178	232
9. Office buildings	4,922	1,528	6,450	6,714	1,270	7,984	4,258	1,424	5,682
10. Stores, retail and wholesale	171	4	175	224	19	243	5	15	20
11. Garages and service stations	831	233	1,064	734	207	941	805	235	1,040
12. Theatres, arenas, amusement and recreational buildings	1,635	35	1,670	691	43	734	18	41	59
13. Laundries and dry cleaning establishments	—	1	1	—	1	1	—	2	2
Institutional	1,557	56	1,613	574	46	620	10	40	50
14. Schools and other educational buildings	1,199	23	1,222	56	5	61	—	4	4
15. Churches and other religious buildings	235	1	236	444	1	445	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	123	25	148	53	32	85	10	27	37
17. Other institutional buildings	—	7	7	21	8	29	—	9	9
Other building construction	145,709	56,759	202,468	156,642	60,909	217,551	162,949	63,749	226,698
18. Farm buildings (excluding dwellings)	133,823	53,217	187,040	141,774	56,209	197,983	148,323	58,796	207,119
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	398	35	433	19	55	74	12	59	71
20. Aeroplane hangars	—	—	—	10	—	10	—	3	3
21. Passenger terminals, bus, boat or air	—	—	—	—	18	18	—	17	17
22. Armouries, barracks, drill halls, etc.	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	10,580	3,428	14,008	13,907	3,096	17,003	12,347	2,986	15,333
24. Other building construction	908	79	987	932	1,531	2,463	2,267	1,888	4,155
Total engineering construction	627,781	80,040	707,821	692,994	84,906	777,900	689,439	87,391	776,830
Marine construction	3,666	2,317	5,983	3,958	1,923	5,881	6,435	1,969	8,404
25. Docks, wharves, piers, breakwaters	2,738	1,097	3,835	2,982	1,144	4,126	2,754	1,237	3,991
26. Retaining walls, embankments, riprappling	8	4	12	41	7	48	9	12	21
27. Canals and waterways	107	190	297	168	165	333	2,784	156	2,940
28. Dredging and pile driving	4	169	173	102	94	196	550	138	688
29. Dyke construction	2	31	33	—	1	1	—	9	9
30. Logging booms	702	812	1,514	543	512	1,055	308	417	725
31. Other marine construction	105	14	119	122	—	122	30	—	30

See footnotes at end of table.

TABLE 10. Total Value of Construction Work Performed—New and Repair, Type of Structure by Primary Industries 1965-67^{1,2,3} — Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction.....	48,051	15,809	63,860	44,317	16,178	60,495	40,159	15,320	55,479
32. Hard surfaced or paved streets, highways, parking lots, etc....	1,265	382	1,647	816	355	1,171	1,093	431	1,524
33. Gravel or stone streets, highways, roads, parking lots, etc.	17,001	5,466	22,467	15,867	5,571	21,438	12,762	5,840	18,602
34. Dirt, clay or other streets, roads, parking lots, etc.	28,190	9,839	38,029	27,508	10,117	37,625	26,207	9,003	35,210
35. Grading, scraping, oiling, filling.....	1,384	106	1,490	10	122	132	5	34	39
36. Sidewalks, paths	204	1	205	75	—	75	92	—	92
37. Aerodromes, landing fields, runways, tarmac	7	15	22	41	13	54	—	12	12
Waterworks and sewage systems.....	35,426	13,029	48,455	37,561	13,737	51,298	37,358	14,132	51,490
38. Tile drains, drainage ditches, storm sewers.....	14,602	5,736	20,338	15,374	6,056	21,430	16,038	6,337	22,375
39. Water mains, hydrants and services.....	16,580	6,061	22,641	17,512	6,308	23,820	17,360	6,557	23,917
40. Sewage systems and connections	1,326	127	1,453	559	267	826	964	103	1,067
41. Pumping stations, water	526	281	807	1,571	237	1,808	679	228	907
42. Water storage tanks	2,392	824	3,216	2,545	869	3,414	2,317	907	3,224
Dams and irrigation	19,882	6,954	26,836	20,084	7,684	27,768	20,962	7,860	28,822
43. Dams and reservoirs	3,411	403	3,814	2,634	767	3,401	2,710	626	3,336
44. Irrigation and land reclamation projects.....	16,471	6,551	23,022	17,450	6,917	24,367	18,252	7,234	25,486
Electric power construction	4,097	933	5,030	8,369	1,151	9,520	5,862	1,103	6,965
45. Electric power generating plants, including water conveying and controlling structures.....	1,744	213	1,957	2,221	204	2,425	600	238	838
46. Electric transformer stations	684	136	820	2,327	257	2,584	1,621	258	1,879
47. Power transmission and distribution lines, trolley wires	1,598	550	2,148	3,775	643	4,418	3,641	573	4,214
48. Street lighting.....	71	34	105	46	47	93	—	34	34
Railway, telephone and telegraph	775	1,932	2,707	3,413	1,789	5,202	1,929	1,764	3,693
49. Railway tracks and roadbed	559	1,490	2,049	3,367	1,541	4,908	1,879	1,526	3,405
50. Signals and interlockers	125	293	418	11	128	139	—	142	142
51. Telegraph and telephone lines, underground and marine cables	91	149	240	35	120	155	50	96	146
Gas and oil facilities.....	375,056	24,693	399,749	336,892	29,484	366,376	371,959	31,605	403,564
52. Gas mains and services	6	—	6	54	—	54	—	—	—
53. Pumping stations, oil	—	15	15	—	16	16	—	18	18
54. Pumping stations, gas	—	—	—	7	1	8	—	1	1
55. Oil storage tanks	287	2	289	451	1	452	110	1	111
56. Gas storage tanks	242	—	242	14	1	15	26	1	27
57. Oil pipe lines	—	—	—	—	—	—	—	—	—
58. Gas pipe lines	7	—	7	30	—	30	15	—	15
59. Oil wells	271,105	14,604	285,709	245,300	19,146	264,446	240,104	19,892	259,996
60. Gas wells	66,495	3,546	70,041	69,146	4,938	74,084	84,026	6,106	90,132
61. Oil refinery—Processing units ³	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants	36,914	6,526	43,440	21,890	5,381	27,271	47,678	5,586	53,264
Other engineering construction	140,828	14,373	155,201	238,400	12,960	251,360	204,775	13,638	218,413
63. Bridges, trestles, culverts, overpasses, viaducts	553	342	895	691	263	954	786	232	1,018
64. Tunnels and subways	548	20	568	254	22	276	530	1	531
65. Incinerators	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc.	392	24	416	44	26	70	—	29	29
67. Swimming pools, tennis courts, outdoor recreation facilities....	—	31	31	62	32	94	15	31	46
68. Mine shafts and other below surface workings	54,162	4,545	58,707	112,191	3,525	115,716	123,793	3,868	127,661
69. Fences, snowsheds, signs, guard rails	20,950	8,219	29,169	21,841	8,685	30,526	22,847	9,084	31,931
70. Other engineering construction	64,223	1,192	65,415	103,317	407	103,724	56,804	393	57,197

¹ Actual 1965, preliminary 1966, intentions 1967.

² Primary Industries include agriculture, fishing, mining, quarrying, oil wells and the construction industry. See also footnote 2, Table 3.

³ Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

TABLE 11. Total Value of Construction Work Performed – New and Repair by Type of Structure by Manufacturing Industry, 1965-67^{1,2,3}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	604,131	151,369	755,500	773,291	158,143	931,434	601,362	165,819	767,181
Total building construction	532,825	111,728	644,553	668,291	113,549	781,840	508,781	120,267	629,048
Residential	—	—	—	—	—	—	—	—	—
Industrial	498,559	106,666	605,225	621,086	108,604	729,690	467,419	115,198	582,617
2. Factories, plants, workshops, food canneries	498,060	106,613	604,673	620,437	108,603	729,040	466,949	115,198	582,147
3. Mine and mine mill buildings	477	51	528	649	—	649	470	—	470
4. Railway stations, offices, roadway buildings	2	1	3	—	1	1	—	—	—
5. Railway shops, engine houses, water and fuel stations	20	1	21	—	—	—	—	—	—
Commercial	32,108	4,382	36,490	44,038	4,156	48,194	37,663	4,443	42,106
6. Warehouses, storehouses, refrigerated storage, etc.	14,384	1,318	15,702	21,406	1,265	22,671	15,022	1,174	16,196
7. Grain elevators	227	66	293	240	17	257	499	29	528
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	2,463	49	2,512	209	48	257	—	61	61
9. Office buildings	14,140	2,770	16,910	17,256	2,655	19,911	9,464	3,040	12,504
10. Stores, retail and wholesale	574	106	880	709	33	742	685	33	718
11. Garages and service stations	162	54	216	4,060	120	4,180	11,937	95	12,032
12. Theatres, arenas, amusement and recreational buildings	158	19	177	158	18	176	56	11	67
13. Laundries and dry cleaning establishments	—	—	—	—	—	—	—	—	—
Institutional	576	36	612	26	38	64	359	29	388
14. Schools and other educational buildings	522	5	527	—	4	4	80	3	83
15. Churches and other religious buildings	—	7	7	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	49	24	73	26	34	60	279	26	305
17. Other institutional buildings	5	—	5	—	—	—	—	—	—
Other building construction	1,582	644	2,226	3,141	751	3,892	3,340	597	3,937
18. Farm buildings (excluding dwellings)	472	147	619	313	128	441	405	89	494
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	6	1	7	—	20	20	2	29	31
20. Aeroplane hangars	104	107	211	90	144	234	15	136	151
21. Passenger terminals, bus, boat or air	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc.	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	477	377	854	907	304	1,211	1,937	215	2,152
24. Other building construction	523	12	535	1,831	155	1,986	981	128	1,109
Total engineering construction	71,306	39,641	110,947	105,000	44,594	149,594	92,581	45,552	138,133
Marine construction	2,099	1,557	3,656	6,507	1,875	8,382	2,006	1,884	3,890
25. Docks, wharves, piers, breakwaters	1,501	709	2,210	6,261	1,235	7,496	1,715	1,128	2,843
26. Retaining walls, embankments, ripraping	20	10	30	48	—	48	8	114	122
27. Canals and waterways	—	11	11	—	46	46	18	20	38
28. Dredging and pile driving	361	609	970	53	491	544	70	533	603
29. Dyke construction	—	11	11	14	19	33	—	20	20
30. Logging booms	96	159	255	66	80	146	188	62	250
31. Other marine construction	121	48	169	65	4	69	7	7	14

See footnotes at end of table.

TABLE 11. Total Value of Construction work Performed—New and Repair by Type of Structure by Manufacturing Industry, 1965-67^{1,2,3} — Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction	9,271	2,207	11,478	7,623	2,080	9,703	5,155	2,056	7,211
32. Hard surfaced or paved streets, highways, parking lots, etc.	5,278	945	6,223	4,343	1,031	5,374	3,227	1,020	4,247
33. Gravel or stone streets, highways, roads, parking lots, etc.	1,525	373	1,898	694	291	985	622	374	996
34. Dirt, clay or other streets, roads, parking lots, etc.	1,762	788	2,550	1,620	684	2,304	1,063	587	1,650
35. Grading, scraping, oiling, filling	637	72	709	925	64	989	208	61	269
36. Sidewalks, paths	69	29	98	41	10	51	35	14	49
37. Aerodromes, landing fields, runways, tarmac	—	—	—	—	—	—	—	—	—
Waterworks and sewage systems	9,294	1,535	10,829	8,890	2,031	10,921	8,169	1,649	9,818
38. Tile drains, drainage ditches, storm sewers	1,007	84	1,091	1,787	86	1,873	605	86	691
39. Water mains, hydrants and services	3,658	625	4,283	3,258	620	3,878	2,069	791	2,860
40. Sewage systems and connections	2,490	290	2,780	2,185	793	2,978	4,380	263	4,643
41. Pumping stations, water	1,878	360	2,238	1,121	468	1,589	905	425	1,330
42. Water storage tanks	261	176	437	539	64	603	210	84	294
Dams and irrigation	447	120	567	89	60	149	258	45	303
43. Dams and reservoirs	447	120	567	89	60	149	258	45	303
44. Irrigation and land reclamation projects ³	—	—	—	—	—	—	—	—	—
Electric power construction	4,637	959	5,596	7,797	2,043	9,840	6,010	1,307	7,317
45. Electric power generating plants, including water conveying and controlling structures	624	119	743	3,870	1,168	5,038	976	417	1,393
46. Electric transformer stations	2,093	346	2,439	2,107	237	2,344	3,066	255	3,321
47. Power transmission and distribution lines, trolley wires	1,808	475	2,283	1,487	566	2,053	1,736	601	2,337
48. Street lighting	112	19	131	333	72	405	232	34	266
Railway, telephone and telegraph	2,756	748	3,504	2,190	1,037	3,227	5,527	971	6,498
49. Railway tracks and roadbed	2,615	686	3,301	2,068	960	3,028	5,238	898	6,136
50. Signals and interlockers	104	13	117	15	3	18	40	1	41
51. Telegraph and telephone lines, underground and marine cables	37	49	86	107	74	181	249	72	321
Gas and oil facilities.....	38,866	30,429	69,295	56,035	32,091	88,126	55,375	33,956	89,331
52. Gas mains and services	74	14	88	54	27	81	139	22	161
53. Pumping stations, oil	48	1	49	12	29	41	18	32	50
54. Pumping stations, gas	25	—	25	4	1	5	—	1	1
55. Oil storage tanks	2,238	1,682	3,920	5,188	1,491	6,679	5,022	1,738	6,760
56. Gas storage tanks	77	—	77	11	25	36	10	24	34
57. Oil pipe lines	140	62	202	90	46	136	382	54	436
58. Gas pipe lines	31	50	81	297	62	359	116	60	176
59. Oil wells	—	—	—	—	—	—	—	—	—
60. Gas wells	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units ³	36,233	28,620	64,853	50,379	30,410	80,789	49,688	32,025	81,713
62. Natural gas cleaning plants ³	—	—	—	—	—	—	—	—	—
Other engineering construction.....	3,936	2,086	6,022	15,869	3,377	19,246	10,081	3,684	13,765
63. Bridges, trestles, culverts, overpasses, viaducts	290	252	542	576	176	752	131	199	330
64. Tunnels and subways	63	—	63	1	3	4	63	2	65
65. Incinerators	78	94	172	55	5	60	112	19	131
66. Park systems, landscaping, sodding, etc.	95	188	283	308	260	568	162	241	403
67. Swimming pools, tennis courts, outdoor recreation facilities	3	15	18	—	5	5	—	16	16
68. Mine shafts and other below surface workings	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails	290	82	372	525	84	609	1,697	101	1,796
70. Other engineering construction	3,117	1,455	4,572	14,404	2,844	17,248	7,916	3,106	11,022

¹ Actual 1965, preliminary 1966, intentions 1967.

² Included in "Other engineering construction".

³ Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

TABLE 12. Total Value of Construction Work Performed—New and Repair by Type of Structure by Utilities, 1965-67¹

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
Total value of construction	1,443,166	300,530	1,743,696	1,718,768	311,657	2,030,425	1,883,510	374,893	2,258,403
Total building construction	91,739	39,170	130,929	147,794	40,210	188,004	188,455	46,748	235,203
Residential	—	—	—	—	—	—	—	—	—
Industrial	15,384	20,749	36,133	20,683	20,547	41,230	22,623	27,587	50,210
2. Factories, plants, workshops, food canneries	3,804	2,148	5,952	1,633	2,097	3,730	4,461	2,443	6,904
3. Mine and mine mill buildings	18	—	18	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings	7,144	12,312	19,456	11,198	12,173	23,371	10,982	16,530	27,512
5. Railway shops, engine houses, water and fuel stations	4,418	6,289	10,707	7,852	6,277	14,129	7,180	8,614	15,794
Commercial	39,714	14,474	54,188	72,230	14,761	86,991	106,183	14,417	120,600
6. Warehouses, storehouses, refrigerated storage, etc.	15,343	3,309	18,652	19,741	3,211	22,952	23,111	3,387	26,498
7. Grain elevators	9,753	8,006	17,759	20,904	5,361	26,265	47,538	7,816	55,354
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	41	3	44	97	—	97	31	—	31
9. Office buildings	9,257	1,939	11,196	25,594	5,189	30,783	23,454	2,167	25,621
10. Stores, retail and wholesale	21	3	24	650	—	650	—	—	—
11. Garages and service stations	5,299	1,191	6,490	5,229	962	6,191	12,014	1,011	13,025
12. Theatres, arenas, amusement and recreational buildings	—	23	23	15	38	53	35	36	71
13. Laundries and dry cleaning establishments	—	—	—	—	—	—	—	—	—
Institutional	—	15	15	97	44	141	183	44	227
14. Schools and other educational buildings	—	1	1	90	5	95	183	5	188
15. Churches and other religious buildings	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	—	14	14	7	39	46	—	39	39
17. Other institutional buildings	—	—	—	—	—	—	—	—	—
Other building construction	36,661	3,932	40,593	54,784	4,858	59,642	59,466	4,700	64,166
18. Farm buildings (excluding dwellings)	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	28,756	2,854	31,610	33,507	2,914	36,421	36,298	2,893	39,191
20. Aeroplane hangars	15	53	68	518	640	1,158	2,950	550	3,500
21. Passenger terminals, bus, boat or air	5,092	740	5,832	17,635	1,049	18,684	6,365	988	7,353
22. Armouries, barracks, drill halls, etc.	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	164	46	210	1,322	55	1,377	714	69	783
24. Other building construction	2,634	239	2,873	1,802	200	2,002	13,139	200	13,339
Total engineering construction	1,351,407	261,360	1,612,767	1,570,974	271,447	1,842,421	1,695,055	328,145	2,023,200
Marine construction	26,933	5,990	32,923	24,891	6,612	31,603	50,927	6,583	57,510
25. Docks, wharves, piers, breakwaters	14,492	3,044	17,536	10,776	3,092	13,868	21,537	3,435	24,972
26. Retaining walls, embankments, ripraping	126	69	195	153	51	204	1,340	66	1,406
27. Canals and waterways	12,189	2,159	14,348	11,346	2,716	14,062	25,425	1,919	27,344
28. Dredging and pile driving	53	621	674	2,667	751	3,418	2,530	1,158	3,688
29. Dyke construction	—	—	—	—	—	—	—	—	—
30. Logging booms	—	5	3	—	—	—	—	—	—
31. Other marine construction	73	94	167	49	2	51	95	5	100

See footnote at end of table.

TABLE 12. Total Value of Construction Work Performed—New and Repair by Type of Structure by Utilities, 1965-67¹—Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction	31,244	657	31,901	22,033	633	22,666	13,949	738	14,687
32. Hard surfaced or paved streets, highways, parking lots, etc.	29,769	392	30,161	20,302	479	20,781	12,940	602	13,542
33. Gravel or stone streets, highways, roads, parking lots, etc.	696	100	796	1,568	129	1,697	909	119	1,028
34. Dirt, clay or other streets, roads, parking lots, etc.	696	77	773	102	19	121	90	10	100
35. Grading, scraping, oiling, filling	6	79	85	38	6	44	—	7	7
36. Sidewalks, paths	13	9	22	3	—	3	—	—	—
37. Aerodromes, landing fields, runways, tarmac	64	—	64	20	—	20	10	—	10
Waterworks and sewage systems	102,987	22,468	125,455	109,793	19,880	129,673	114,352	23,379	137,731
38. Tile drains, drainage ditches, storm sewers	137	22	159	1,250	14	1,264	90	28	118
39. Water mains, hydrants and services	78,618	18,541	97,159	76,805	18,340	95,145	72,427	18,830	91,257
40. Sewage systems and connections	40	38	78	547	21	568	10,078	26	10,104
41. Pumping stations, water	21,680	1,569	23,249	27,162	1,431	28,593	27,710	4,423	32,133
42. Water storage tanks	2,512	2,298	4,810	4,029	74	4,103	4,047	72	4,119
Dams and irrigation	235,240	632	235,872	138,136	532	138,668	166,379	1,014	167,393
43. Dams and reservoirs	235,119	632	235,751	138,136	532	138,668	166,379	1,014	167,393
44. Irrigation and land reclamation projects	121	—	121	—	—	—	—	—	—
Electric power construction	487,317	52,342	539,659	722,470	56,172	778,642	798,635	62,164	860,799
45. Electric power generating plants, including water conveying and controlling structures	165,471	12,721	178,192	373,821	12,804	386,625	403,328	14,498	417,826
46. Electric transformer stations	43,770	5,098	48,868	45,694	4,831	50,525	46,869	5,071	51,940
47. Power transmission and distribution lines, trolley wires	268,947	32,324	301,271	294,239	36,140	330,379	338,324	39,876	378,200
48. Street lighting	9,129	2,199	11,328	8,716	2,397	11,113	10,114	2,719	12,833
Railway, telephone and telegraph	230,785	155,998	386,783	272,903	164,158	437,061	293,710	207,398	501,108
49. Railway tracks and roadbed	87,487	98,617	186,104	107,377	105,016	212,393	120,260	141,607	261,867
50. Signals and interlockers	6,458	9,027	15,485	10,659	9,363	20,022	10,463	12,420	22,883
51. Telegraph and telephone lines, underground and marine cables	136,840	48,354	185,194	154,867	49,779	204,646	162,987	53,371	216,358
Gas and oil facilities	147,152	11,370	158,522	184,211	10,982	195,193	180,960	10,633	191,593
52. Gas mains and services	44,943	5,520	50,463	61,500	5,311	66,811	53,900	5,323	59,223
53. Pumping stations, oil	2,169	1,191	3,380	11,632	1,630	13,262	7,278	1,711	8,989
54. Pumping stations, gas	3,623	732	4,355	7,584	324	7,908	11,155	124	11,279
55. Oil storage tanks	995	389	1,384	729	343	1,072	866	363	1,229
56. Gas storage tanks	13	77	90	4,051	125	4,176	3,326	126	3,452
57. Oil pipe lines	39,784	2,080	41,864	60,220	2,091	62,311	42,056	2,021	44,077
58. Gas pipe lines	50,087	1,057	51,144	37,896	1,088	38,984	61,013	897	61,910
59. Oil wells	4,610	—	4,610	—	—	—	—	—	—
60. Gas wells	154	168	322	468	44	512	1,233	39	1,272
61. Oil refinery—Processing units	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants	754	156	910	131	26	157	133	29	162
Other engineering construction	89,749	11,903	101,652	96,437	12,478	108,915	76,143	16,236	92,379
63. Bridges, trestles, culverts, overpasses, viaducts	26,723	9,148	35,871	53,235	9,858	63,093	20,065	12,905	32,970
64. Tunnels and subways	57,834	37	57,871	37,129	93	37,222	35,151	269	35,420
65. Incinerators	—	—	—	—	65	65	220	38	258
66. Park systems, landscaping, sodding, etc.	130	37	167	321	63	384	1,241	62	1,303
67. Swimming pools, tennis courts, outdoor recreation facilities...	—	—	—	—	—	—	—	—	—
68. Mine shafts and other below surface workings	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails	1,175	2,115	3,290	1,111	1,723	2,834	1,644	2,391	4,035
70. Other engineering construction	3,887	566	4,453	4,641	676	5,317	17,822	571	18,393

¹ Actual 1965, preliminary 1966, intentions 1967.

TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade, Finance and Commercial Services, 1965-67^{1,2}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction.....	704,949	88,407	793,356	841,714	90,946	932,660	772,973	94,177	867,150
Total building construction.....	662,705	66,663	749,368	713,256	89,062	862,318	736,796	91,941	828,737
Residential.....	—	—	—	—	—	—	—	—	—
Industrial.....	18,746	335	19,081	13,233	374	13,607	9,639	333	9,972
2. Factories, plants, work shops, food canneries.....	17,861	335	18,196	13,233	374	13,607	9,639	333	9,972
3. Mine and mine mill buildings.....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings.....	885	—	885	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations.....	—	—	—	—	—	—	—	—	—
Commercial.....	628,578	85,838	714,416	748,609	87,661	836,270	721,940	90,552	812,492
6. Warehouses, storehouses, refrigerated storage, etc.....	22,370	4,161	26,531	38,160	5,265	43,425	45,647	5,771	51,418
7. Grain elevators.....	—	—	—	16	7	23	36	11	47
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	78,243	13,830	92,073	96,497	15,231	111,728	73,758	13,367	87,125
9. Office buildings.....	233,059	18,719	251,778	248,127	19,238	267,365	253,372	20,170	273,542
10. Stores, retail and wholesale.....	216,275	34,255	250,530	252,339	32,150	284,489	217,460	33,712	251,172
11. Garages and service stations.....	31,166	10,782	41,948	34,412	10,452	44,864	67,587	11,211	78,798
12. Theatres, arenas, amusement and recreational buildings.....	45,495	2,846	48,341	78,055	4,033	82,088	63,104	5,118	68,222
13. Laundries and dry cleaning establishments.....	1,970	1,245	3,215	1,003	1,285	2,288	976	1,192	2,168
Institutional.....	611	—	611	1,706	—	1,706	375	—	375
14. Schools and other educational buildings.....	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings.....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	—	—	—	—	—	—	15	—	15
17. Other institutional buildings.....	611	—	611	1,706	—	1,706	360	—	360
Other building construction.....	14,770	490	15,260	9,708	1,027	10,735	4,842	1,056	5,898
18. Farm buildings (excluding dwellings).....	324	7	331	366	14	380	254	18	272
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars.....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air.....	—	—	—	62	—	62	—	—	—
22. Armouries, barracks, drill halls, etc.....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	10	—	10	1	—	1	1	—	1
24. Other building construction.....	14,436	483	14,919	9,279	1,013	10,292	4,587	1,038	5,625
Total engineering construction.....	42,244	1,744	43,988	68,458	1,884	70,342	36,177	2,236	38,413
Marine construction.....	644	22	666	1,468	3	1,471	1,090	102	1,192
25. Docks, wharves, piers, breakwaters.....	246	22	268	48	3	51	120	102	222
26. Retaining walls, embankments, ripraping.....	—	—	—	—	—	—	—	—	—
27. Canals and waterways.....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving.....	201	—	201	150	—	150	—	—	—
29. Dyke construction.....	1	—	1	—	—	—	—	—	—
30. Logging booms.....	—	—	—	—	—	—	—	—	—
31. Other marine construction.....	196	—	196	1,270	—	1,270	970	—	970

See footnote at end of table.

TABLE 13. Total Value of Construction Work Performed – New and Repair by Type of Structure by Trade, Finance and Commercial Services, 1965-67^{1,2} – Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction.....	6,416	477	6,893	11,417	499	11,916	7,493	528	8,021
32. Hard surfaced or paved streets, highways, parking lots, etc....	3,905	462	4,367	8,615	433	9,048	5,557	444	6,001
33. Gravel or stone streets, highways, roads, parking lots, etc....	967	9	976	453	37	490	836	51	887
34. Dirt, clay or other streets, roads, parking lots, etc.....	35	—	35	25	13	38	9	13	22
35. Grading, scraping, oiling, filling	1,457	5	1,462	2,299	16	2,315	1,004	20	1,024
36. Sidewalks, paths	52	1	53	25	—	25	87	—	87
37. Aerodromes, landing fields, runways, tarmac	—	—	—	—	—	—	—	—	—
Waterworks and sewage systems.....	5,960	7	5,967	9,429	19	9,448	3,213	23	3,236
38. Tile drains, drainage ditches, storm sewers	1,061	4	1,065	1,714	5	1,719	753	6	759
39. Water mains, hydrants and services	2,465	—	2,465	3,342	1	3,343	1,212	1	1,213
40. Sewage systems and connections	2,253	3	2,256	3,940	13	3,953	1,248	16	1,264
41. Pumping stations, water	180	—	180	433	—	433	—	—	—
42. Water storage tanks	1	—	1	—	—	—	—	—	—
Dams and irrigation.....	—	—	—	—	—	—	—	—	—
43. Dams and reservoirs	—	—	—	—	—	—	—	—	—
44. Irrigation and land reclamation projects	—	—	—	—	—	—	—	—	—
Electric power construction.....	1,605	17	1,622	4,599	2	4,601	3,175	1	3,176
45. Electric power generating plants, including water conveying and controlling structures	—	—	—	60	—	60	575	—	575
46. Electric transformer stations	272	2	274	464	—	464	—	—	—
47. Power transmission and distribution lines, trolley wires	1,104	—	1,104	1,596	—	1,596	1,290	—	1,290
48. Street lighting	229	15	244	2,479	2	2,481	1,310	1	1,311
Railway, telephone and telegraph.....	1,370	—	1,370	535	—	535	49	1	50
49. Railway tracks and roadbed	1,360	—	1,360	535	—	535	49	1	50
50. Signals and interlockers	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables	10	—	10	—	—	—	—	—	—
Gas and oil facilities	4,870	718	5,588	4,190	889	5,079	6,025	1,035	7,060
52. Gas main and services	388	—	388	276	—	276	100	—	100
53. Pumping stations, oil	—	—	—	556	138	694	617	161	778
54. Pumping stations, gas	2	—	2	—	—	—	—	—	—
55. Oil storage tanks	3,474	693	4,167	3,358	749	4,107	5,156	872	6,028
56. Gas storage tanks	1,006	3	1,009	—	—	—	2	—	2
57. Oil pipe lines	—	5	5	—	2	2	—	2	2
58. Gas pipe lines	—	17	17	—	—	—	—	—	—
59. Oil wells	—	—	—	—	—	—	—	—	—
60. Gas wells	—	—	—	—	—	—	—	—	—
61. Oil refinery – Processing units	—	—	—	—	—	—	150	—	150
62. Natural gas cleaning plants ²	—	—	—	—	—	—	—	—	—
Other engineering construction	21,379	503	21,882	36,820	472	37,292	15,132	546	15,678
63. Bridges, trestles, culverts, overpasses, viaducts	12,510	—	12,510	2,837	2	2,839	100	3	103
64. Tunnels and subways	1,592	—	1,592	15,642	—	15,642	4,200	—	4,200
65. Incinerators	—	—	—	1	—	1	—	—	—
66. Park systems, landscaping, sodding, etc.	1,885	27	1,912	7,421	7	7,428	4,576	9	4,585
67. Swimming pools, tennis courts, outdoor recreation facilities....	983	456	1,439	471	448	919	15	514	529
68. Mine shafts and other below surface workings	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails	187	20	187	895	12	907	659	16	675
70. Other engineering construction	4,242	—	4,242	9,553	3	9,556	5,582	4	5,586

¹ Actual 1965, preliminary 1966, intentions 1967.

² Included in "Other engineering construction".

TABLE 14. Total Value of Construction Work Performed — New and Repair by Type of Structure by Federal Government Departments, 1965-67¹

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	267,118	83,652	350,770	300,306	86,177	386,483	339,304	93,051	432,355
Total building construction	136,383	50,151	186,534	149,434	51,788	201,222	168,255	55,899	224,154
2. Factories, plants, workshops, food canneries	13,397	5,567	18,964	16,426	5,789	22,215	18,562	6,248	24,810
6. Warehouses, storehouses, refrigerated storage, etc.	2,972	1,765	4,737	3,146	1,820	4,966	3,886	1,967	5,853
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	814	1,305	2,119	1,027	1,346	2,373	1,206	1,449	2,655
9. Office buildings	40,783	11,731	52,514	43,874	12,095	55,969	47,583	13,036	60,619
10. Stores, retail and wholesale	564	165	729	680	169	849	890	182	1,072
11. Garages and service stations	740	373	1,113	724	384	1,108	822	415	1,237
12. Theatres, arenas, amusement and recreational buildings	7,058	910	7,968	8,129	949	9,078	9,052	1,023	10,075
14. Schools and other educational buildings	10,286	3,147	13,433	11,903	3,231	15,134	14,026	3,481	17,507
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	5,268	3,141	8,409	5,085	3,235	8,320	5,499	3,493	8,992
17. Other institutional buildings	27,223	321	27,544	27,065	332	27,397	30,501	358	30,859
18. Farm buildings (excluding dwellings)	2,450	289	2,739	3,202	296	3,498	3,377	322	3,699
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	11,941	179	12,120	12,389	183	12,572	13,729	198	13,927
20. Aeroplane hangars	399	3,074	3,473	458	3,188	3,646	583	3,456	4,039
21. Passenger terminals, bus, boat or air	4,173	24	4,197	5,156	25	5,181	7,120	26	7,146
22. Armouries, barracks, drill halls, etc.	6,397	15,010	21,407	7,546	15,518	23,064	8,654	16,771	25,425
24. Other building construction	1,918	3,150	5,068	2,624	3,228	5,852	2,765	3,474	6,239
Total engineering construction	130,735	33,501	164,236	150,872	34,389	185,261	171,049	37,152	208,201
25. Docks, wharves, piers, breakwaters	25,502	4,735	30,237	34,242	4,900	39,142	38,331	5,304	43,635
26. Retaining walls, embankments, ripraping	1,293	445	1,738	1,578	463	2,041	1,851	499	2,350
27. Canals and waterways	3,176	2,796	5,972	3,291	2,857	6,148	3,527	3,070	6,597
28. Dredging and pile driving	7,217	2,724	9,941	8,997	2,795	11,792	11,036	3,036	14,072
29. Dyke construction	397	76	473	401	78	479	551	85	636
31. Other marine construction	2,693	185	2,878	3,618	187	3,805	4,342	203	4,545
32. Hard surfaced or paved streets, highways, parking lots, etc.	3,928	2,493	6,421	4,883	2,572	7,455	5,513	2,778	8,291
33. Gravel or stone streets, highways, roads, parking lots, etc.	5,779	1,833	7,612	6,770	1,875	8,645	8,625	2,029	10,654
34. Dirt, clay or other streets, roads, parking lots, etc.	803	792	1,595	1,149	810	1,959	1,232	877	2,109
35. Grading, scraping, oiling, filling	40	218	258	48	224	272	62	241	303
37. Aerodromes, landing fields, runways, tarmac	14,122	2,783	16,905	17,734	2,864	20,598	23,517	3,096	26,613
38. Tile drains, drainage ditches, storm sewers	888	307	1,195	1,135	319	1,454	1,387	345	1,732
39. Water mains, hydrants and services	2,408	846	3,254	2,804	874	3,678	3,334	945	4,279
40. Sewage systems and connections	774	603	1,377	1,001	622	1,623	1,160	673	1,833
43. Dams and reservoirs	24,992	1,487	26,479	21,633	1,492	23,125	17,245	1,600	18,845
44. Irrigation and land reclamation projects	711	854	1,565	764	855	1,619	760	920	1,680
45. Electric power generating plants, including water conveying and controlling structures	4,507	1,422	5,929	5,067	1,452	6,519	5,767	1,567	7,334
46. Electric transformer stations	222	132	354	234	137	371	267	148	415
47. Power transmission and distribution lines, trolley wires	688	618	1,306	819	640	1,459	982	692	1,674
55. Oil storage tanks	300	9	309	253	9	262	272	10	282
63. Bridges, trestles, culverts, overpasses, viaducts	10,378	890	11,268	13,001	913	13,914	17,685	984	18,669
66. Park systems, landscaping, sodding, etc.	2,980	2,143	5,123	2,987	2,211	5,198	3,280	2,389	5,669
67. Swimming pools, tennis courts, outdoor recreation facilities	616	604	1,220	752	620	1,372	1,029	671	1,700
69. Fences, snowsheds, signs, guard rails	393	724	1,117	460	747	1,207	524	811	1,335
70. Other engineering construction	15,928	3,782	19,710	17,251	3,873	21,124	18,770	4,179	22,949

¹ Actual 1965, preliminary 1966, intentions 1967.

TABLE 15. Total Value of Construction Work Performed—New and Repair by Type of Structure by Provincial Government Departments, 1965-67¹

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	725,028	188,560	913,588	900,600	195,100	1,095,700	922,500	216,100	1,138,600
Total building construction	72,082	22,998	95,080	138,827	23,338	162,165	150,938	25,046	175,984
6. Warehouses, storehouses, refrigerated storage, etc.	4,957	815	5,772	12,658	1,831	14,489	13,052	1,910	14,962
9. Office buildings	37,069	8,334	45,403	52,900	11,517	64,417	51,253	12,028	63,281
10. Stores, retail and wholesale	29	21	50	110	17	127	10	17	27
17. Other institutional buildings.....	12,911	6,100	19,011	49,679	8,811	58,490	65,493	9,977	75,470
24. Other building construction.....	17,116	7,728	24,844	23,480	1,162	24,642	21,130	1,114	22,244
Total engineering construction	652,946	165,562	818,508	761,773	171,762	933,535	771,562	191,054	962,616
25. Docks, wharves, piers, breakwaters	1,159	325	1,484	2,364	2,790	5,154	2,373	2,818	5,191
26. Retaining walls, embankments, ripraping	4,304	623	4,927	575	4	579	628	7	635
31. Other marine construction	338	1,881	2,219	268	1,976	2,244	162	2,221	2,383
32. Hardsurfaced or paved streets, highways, parking lots, etc.	336,532	60,769	397,301	463,314	91,061	554,375	409,200	101,191	510,391
33. Gravel or stone streets, highways, roads, parking lots, etc.	169,114	60,807	229,921	95,488	34,681	130,169	110,199	37,723	147,922
34. Dirt, clay or other streets, roads, parking lots, etc.	3,254	273	3,527	18,003	5,208	23,211	20,498	5,538	26,036
35. Grading, scraping, oiling, filling.....	20,715	7,747	28,462	38,179	7,352	45,531	39,991	8,237	48,228
38. Tile drains, drainage ditches, storm sewers	2,720	4,082	6,802	9,768	4,244	14,012	13,102	5,067	18,169
39. Water mains, hydrants and services.....	835	29	864	1,154	51	1,205	813	47	860
40. Sewage systems and connections.....	2,730	326	3,056	2,300	38	2,338	317	18	335
43. Dams and reservoirs.....	203	—	203	616	121	737	1,057	422	1,479
44. Irrigation and land reclamation projects	32	54	86	25,475	12	25,487	41,086	5	41,091
47. Power transmission and distribution lines, trolley wires....	42	—	42	337	13	350	342	10	352
51. Telegraph and telephone lines, underground and marine cables.....	994	19	1,013	—	4	4	—	7	7
63. Bridges, trestles, culverts, overpasses, viaducts	96,073	15,706	111,779	87,647	14,844	102,491	111,756	16,814	128,570
66. Park systems, landscaping, sodding, etc.	1,642	1,049	2,691	2,582	2,431	5,013	3,015	3,086	6,101
67. Swimming pools, tennis courts, outdoor recreation facilities	448	57	505	7,057	142	7,199	10,001	205	10,206
69. Fences, snowsheds, signs, guard rails.....	2,700	6,983	9,683	3,982	5,817	9,799	4,077	6,552	10,629
70. Other engineering construction.....	9,111	4,832	13,943	2,664	973	3,637	2,945	1,086	4,031

¹ Actual 1965, preliminary 1966, intentions 1967.

TABLE 16. Total Value of Construction Work Performed—New and Repair by Type of Structure by Municipal Government Departments, 1965-67¹

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	501,447	102,517	603,964	601,000	108,100	709,100	597,600	106,500	704,100
Total building construction	104,279	6,161	110,440	120,553	8,123	128,676	111,087	7,705	118,792
9. Office buildings	22,656	2,031	24,687	16,816	2,650	19,466	15,065	2,354	17,419
12. Theatres, arenas, amusement and recreational buildings	32,393	1,906	34,299	60,212	3,110	63,322	46,960	3,016	49,976
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	9,250	287	9,537	9,215	354	9,569	13,045	346	13,391
17. Other institutional buildings	18,195	951	19,146	13,295	854	14,149	15,849	769	16,618
30. Other building construction	21,785	986	22,771	21,015	1,155	22,170	20,168	1,220	21,388
Total engineering construction	397,168	96,356	493,524	480,447	99,977	580,424	486,513	98,795	585,308
32. Hard surfaced or paved streets, highways, parking lots, etc....	167,197	62,914	230,111	210,565	64,484	275,049	205,467	62,605	268,072
36. Sidewalks, paths	16,594	4,930	21,524	15,730	5,262	20,992	15,852	6,054	21,906
40. Sewage systems and connections	139,754	12,007	151,761	166,394	14,493	180,887	164,082	14,111	178,193
48. Street lighting	5,975	2,813	8,788	8,016	2,406	10,422	8,274	2,494	10,768
63. Bridges, trestles, culverts, overpasses, viaducts	40,361	2,467	42,828	40,415	2,684	43,099	51,359	2,788	54,147
70. Other engineering construction	27,287	11,225	38,512	39,327	10,648	49,975	41,479	10,743	52,222

¹ Actual 1965, preliminary 1966, intentions 1967.

TABLE 17. Total Value of Construction Work Performed—New and Repair by Institutional Services, 1965-67¹

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	867,438	64,143	931,581	1,015,545	74,875	1,090,420	1,180,612	79,070	1,259,682
Total building construction	857,046	64,048	921,094	999,411	74,722	1,074,133	1,170,310	78,736	1,249,046
8. Hotels, clubs, restaurants, cafeteria, tourist cabins	17	11	28	2	13	15	500	25	525
9. Office buildings	27	—	27	—	—	—	—	—	—
12. Theatres, arenas, amusement and recreational buildings	3,206	49	3,255	1,744	37	1,781	298	34	332
14. Schools and other educational buildings	618,798	36,144	654,942	757,022	42,828	799,850	868,301	46,947	915,248
15. Churches and other religious buildings	50,919	7,245	58,164	36,232	6,089	42,321	35,474	5,055	40,529
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	147,922	18,455	166,377	169,273	23,951	193,224	235,407	24,671	260,078
17. Other institutional buildings	36,092	2,123	38,215	35,116	1,781	36,897	30,326	1,970	32,296
18. Farm buildings (excluding dwellings)	65	21	86	22	23	45	4	34	38
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	—	—	—	—	—	—	—	—	—
24. Other building construction	—	—	—	—	—	—	—	—	—
Total engineering construction	10,392	95	10,487	16,134	153	16,287	10,302	334	10,636

¹ Actual 1965, preliminary 1966, intentions 1967.

TABLE 18. Total Value of Construction Work Performed—New and Repair by Type of Structure—Newfoundland, 1965-67¹

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	152,079	34,226	186,305	220,660	37,760	258,420	208,789	40,369	249,158
Total building construction	72,635	19,025	91,660	112,233	22,151	134,384	97,174	23,322	120,496
Residential	31,300	10,500	41,800	25,800	11,200	37,000	25,600	11,900	37,500
Industrial	6,190	3,164	9,354	17,113	5,166	22,279	13,403	5,714	19,117
Commercial	12,795	2,730	15,525	28,524	2,299	30,823	13,546	2,308	15,854
Institutional	17,420	2,092	19,512	29,576	2,955	32,531	26,527	2,831	29,358
Other building construction	4,930	539	5,469	11,220	531	11,751	18,098	569	18,667
Total engineering construction	79,444	15,201	94,645	108,427	15,609	124,036	111,615	17,047	128,662
Marine construction	7,806	1,535	9,341	13,922	1,425	15,347	11,629	1,660	13,289
Road, highway and aerodrome construction	39,050	8,926	47,976	35,477	10,941	46,418	34,471	11,522	45,993
Waterworks and sewage systems	1,895	382	2,277	2,195	419	2,614	1,303	549	1,852
Dams and irrigation	202	83	285	12,274	21	12,295	13,591	47	13,638
Electric power construction	20,016	1,067	21,083	34,403	1,051	35,454	31,777	1,100	32,877
Railway, telephone and telegraph	3,409	1,770	5,179	735	1,223	1,958	1,676	1,548	3,224
Gas and oil facilities	196	80	276	4,224	22	4,246	979	13	992
Other engineering construction	6,870	1,358	8,228	5,197	507	5,704	16,189	608	16,797

¹ Actual 1965, preliminary 1966, intentions 1967.

TABLE 19. Total Value of Construction Work Performed—New and Repair by Type of Structure—Prince Edward Island, 1965-67¹

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	31,210	7,950	39,160	33,861	8,275	42,136	43,370	8,779	52,149
Total building construction	19,244	4,799	24,043	18,464	5,044	23,508	20,285	5,343	25,628
Residential	8,000	1,800	9,800	7,300	2,000	9,300	7,200	2,100	9,300
Industrial	2,581	137	2,718	612	196	808	779	173	952
Commercial	5,941	655	6,596	3,963	664	4,627	3,202	722	3,924
Institutional	1,573	485	2,058	5,134	341	5,475	6,530	349	6,879
Other building construction	1,149	1,722	2,871	1,455	1,843	3,298	2,574	1,999	4,573
Total engineering construction	11,966	3,151	15,117	15,397	3,231	18,628	23,085	3,436	26,521
Marine construction	926	553	1,479	1,461	568	2,029	3,523	641	4,164
Road, highway and aerodrome construction	7,946	1,290	9,236	9,574	1,367	10,941	12,227	1,391	13,618
Waterworks and sewage systems	248	273	521	316	285	601	297	293	590
Dams and irrigation	90	104	194	594	116	710	455	121	576
Electric power construction	1,126	312	1,438	1,352	367	1,719	3,655	390	4,045
Railway, telephone and telegraph	826	201	1,027	1,009	187	1,196	814	242	1,056
Gas and oil facilities	3	15	18	131	29	160	158	36	194
Other engineering construction	801	403	1,204	960	312	1,272	1,956	322	2,278

¹ Actual 1965, preliminary 1966, intentions 1967.

TABLE 20. Total Value of Construction Work Performed—New and Repair by Type of Structure—Nova Scotia, 1965-67^{1,2,3}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	199,333	57,023	256,356	234,765	62,324	297,089	273,664	69,117	342,781
Total building construction	134,307	30,791	165,098	149,161	31,490	180,651	160,795	33,695	194,490
Residential	50,900	14,200	65,100	50,200	15,200	65,400	49,900	16,200	66,100
Industrial	15,030	3,770	18,800	28,179	3,793	31,972	18,278	4,160	22,438
2. Factories, plants, workshops, food canneries	14,742	2,918	17,660	27,772	3,042	30,814	17,879	3,201	21,080
3. Mine and mine mill buildings	57	358	415	74	255	329	67	261	328
4. Railway stations, offices, roadway buildings	158	331	489	218	333	551	219	466	685
5. Railway shops, engine houses, water and fuel stations	73	163	236	115	163	278	113	232	345
Commercial	16,347	4,799	21,146	20,575	4,151	24,726	27,187	4,438	31,625
6. Warehouses, storehouses, refrigerated storage, etc.	2,681	740	3,421	1,211	811	2,022	4,821	820	5,641
7. Grain elevators	81	38	119	1,767	95	1,862	1,641	89	1,730
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	1,999	439	2,438	763	351	1,114	837	365	1,202
9. Office buildings	5,282	2,087	7,369	7,419	1,450	8,869	12,479	1,580	14,059
10. Stores, retail and wholesale	4,406	974	5,380	5,316	968	6,284	4,043	1,042	5,085
11. Garages and service stations	1,075	321	1,396	1,783	234	2,017	1,579	233	1,812
12. Theatres, arenas, amusement and recreational buildings	819	180	999	2,198	186	2,384	1,773	274	2,047
13. Laundries and dry cleaning establishments	4	20	24	118	56	174	14	35	49
Institutional	36,066	2,769	38,835	41,237	2,377	43,614	56,519	2,666	59,185
14. Schools and other educational buildings	14,337	1,457	15,794	26,273	1,299	27,572	32,458	1,546	34,004
15. Churches and other religious buildings	3,613	290	3,903	881	320	1,201	1,117	147	1,264
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	10,183	785	10,968	8,349	661	9,010	16,904	878	17,782
17. Other institutional buildings	7,933	237	8,170	5,734	97	5,831	6,040	95	6,135
Other building construction	15,964	5,253	21,217	8,970	5,969	14,939	8,911	6,231	15,142
18. Farm buildings (excluding dwellings)	1,995	1,186	3,181	2,255	1,338	3,593	2,309	1,374	3,683
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	6,061	174	6,235	3,623	43	3,666	3,932	44	3,976
20. Aeroplane hangars	79	395	474	55	408	463	96	442	538
21. Passenger terminals, bus, boat or air	118	20	138	83	60	143	83	26	109
22. Armouries, barracks, drill halls, etc.	473	3,015	3,488	327	3,099	3,426	331	3,373	3,704
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	57	26	83	42	24	66	240	23	263
24. Other building construction	7,181	437	7,618	2,585	997	3,582	1,920	949	2,869
Total engineering construction	65,026	26,232	91,258	85,604	30,834	116,438	112,869	35,422	148,291
Marine construction	5,377	1,181	6,558	5,012	1,139	6,151	5,941	1,221	7,162
25. Docks, wharves, piers, breakwaters	4,728	1,034	5,762	4,609	987	5,596	5,552	1,058	6,610
26. Retaining walls, embankments, ripraping	18	19	37	11	20	31	11	21	32
27. Canals and waterways	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving	282	79	361	195	82	277	197	88	285
29. Dyke construction	195	46	241	149	47	196	136	51	187
30. Logging booms	—	—	—	—	—	—	—	—	—
31. Other marine construction	154	3	157	48	3	51	45	3	48

See footnotes at end of table.

TABLE 20. Total Value of Construction Work Performed—New and Repair by Type of Structure—Nova Scotia, 1965-67^{1,2,3} — Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction	22,571	11,368	33,939	39,254	16,156	55,410	45,018	17,643	62,661
32. Hard surfaced or paved streets, highways, parking lots, etc.....	20,468	9,603	30,071	37,492	14,299	51,791	43,008	15,700	58,708
33. Gravel or stone streets, highways, roads, parking lots, etc.....	167	180	347	135	159	294	150	168	318
34. Dirt, clay or other streets, roads, parking lots, etc.....	276	257	533	507	322	829	565	282	847
35. Grading, scraping, oiling, filling	—	7	7	13	7	20	13	8	21
36. Sidewalks, paths	741	87	828	473	98	571	639	105	744
37. Aerodromes, landing fields, runways, tarmac	919	1,234	2,153	634	1,271	1,905	643	1,380	2,023
Waterworks and sewage systems	7,159	1,654	8,813	6,798	1,440	8,238	8,680	1,311	9,991
38. Tile drains, drainage ditches, storm sewers	238	197	435	254	218	472	262	226	488
39. Water mains, hydrants and services	3,452	741	4,193	3,408	715	4,123	4,376	727	5,103
40. Sewage systems and connections	2,751	667	3,418	3,008	457	3,465	3,554	316	3,870
41. Pumping stations, water	594	22	616	93	18	111	80	9	89
42. Water storage tanks	124	27	151	35	32	67	408	33	441
Dams and irrigation	480	239	719	681	249	930	498	611	1,109
43. Dams and reservoirs	231	96	327	399	87	486	202	445	647
44. Irrigation and land reclamation projects	249	143	392	282	162	444	296	166	462
Electric power construction	15,011	2,040	17,051	14,674	2,537	17,211	28,413	3,505	31,918
45. Electric power generating plants, including water conveying and controlling structures	5,815	640	6,455	6,418	461	6,879	18,065	630	18,695
46. Electric transformer stations	278	52	330	554	38	592	1,376	216	1,592
47. Power transmission and distribution lines, trolley wires	8,627	1,266	9,893	7,389	1,863	9,252	8,457	2,476	10,933
48. Street lighting	291	82	373	313	175	488	515	183	698
Railway, telephone and telegraph	5,694	4,247	9,941	8,156	4,654	12,810	8,809	6,090	14,899
49. Railway tracks and roadbed	1,399	2,806	4,205	1,851	3,254	5,105	1,964	4,430	6,394
50. Signals and interlockers	101	231	332	174	222	396	160	318	478
51. Telegraph and telephone lines, underground and marine cables	4,194	1,210	5,404	6,131	1,178	7,309	6,685	1,342	8,027
Gas and oil facilities	771	87	858	1,216	89	1,305	783	103	886
52. Gas mains and services	—	—	—	—	—	—	100	—	100
53. Pumping stations, oil	—	—	—	264	62	326	300	75	375
54. Pumping stations, gas	3	—	3	—	—	—	—	—	—
55. Oil storage tanks	746	71	817	951	1	952	383	1	384
56. Gas storage tanks	—	—	—	—	23	23	—	22	22
57. Oil pipe lines	—	3	3	1	1	2	—	1	1
58. Gas pipe lines	22	13	35	—	2	2	—	4	4
59. Oil wells	—	—	—	—	—	—	—	—	—
60. Gas wells	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units ³	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants	—	—	—	—	—	—	—	—	—
Other engineering construction	7,963	5,416	13,379	9,813	4,570	14,383	14,727	4,938	19,665
63. Bridges, trestles, culverts, overpasses, viaducts	3,933	1,611	5,544	4,850	1,634	6,484	8,337	1,825	10,162
64. Tunnels and subways	—	28	28	—	29	29	—	31	31
65. Incinerators	1	—	1	9	—	9	—	—	—
66. Park systems, landscaping, sodding, etc.	994	207	1,201	903	244	1,147	938	272	1,210
67. Swimming pools, tennis courts, outdoor recreation facilities	42	84	126	30	86	116	50	94	144
68. Mine shafts and other below surface workings	228	746	974	87	73	160	50	65	115
69. Fences, snowsheds, signs, guard rails	368	284	652	402	306	708	452	337	789
70. Other engineering construction	2,397	2,456	4,853	3,532	2,198	5,730	4,900	2,314	7,214

¹ Actual 1965, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

³ Included in "Other engineering construction".

TABLE 21. Total Value of Construction Work Performed—New and Repair by Type of Structure—New Brunswick, 1965-67^{1,2,3}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	210,543	44,771	255,314	236,827	45,979	282,806	248,767	50,296	299,063
Total building construction	109,421	22,912	132,333	129,507	22,403	151,910	134,270	23,953	158,223
Residential	41,600	10,500	52,100	45,000	11,200	56,200	44,700	11,900	56,600
Industrial	27,801	3,351	31,152	37,935	2,708	40,643	11,645	3,006	14,651
2. Factories, plants, workshops, food canneries	23,057	2,513	25,570	31,589	1,901	33,490	10,582	1,892	12,474
3. Mine and mine mill buildings	4,407	22	4,429	5,861	17	5,878	201	13	214
4. Railway stations, offices, roadway buildings	230	578	808	318	523	841	561	728	1,289
5. Railway shops, engine houses, water and fuel stations	107	238	345	167	267	434	301	373	674
Commercial	17,275	4,424	21,699	14,012	4,503	18,515	19,077	4,648	23,725
6. Warehouses, storehouses, refrigerated storage, etc.	2,761	427	3,188	2,426	562	2,988	3,960	604	4,564
7. Grain elevators	1	11	12	26	22	48	1	2	3
8. Hotels, clubs, restaurants, cafeterias, tourists cabins	900	184	1,084	407	171	578	1,003	182	1,185
9. Office buildings	6,785	2,223	9,008	4,532	2,115	6,647	4,761	2,317	7,078
10. Stores, retail and wholesale	4,909	964	5,873	4,064	733	4,797	6,512	761	7,273
11. Garages and service stations	1,009	432	1,441	738	300	1,038	1,823	402	2,225
12. Theatres, arenas, amusement and recreational buildings	910	137	1,047	1,819	516	2,335	1,017	288	1,305
13. Laundries and dry cleaning establishments	—	46	46	—	84	84	—	92	92
Institutional	16,712	1,910	18,622	25,388	1,526	26,914	51,475	1,637	53,112
14. Schools and other educational buildings	11,141	888	12,029	21,156	401	21,557	43,197	385	43,582
15. Churches and other religious buildings	1,875	381	2,256	1,551	410	1,961	847	417	1,264
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	1,468	506	1,972	2,081	575	2,656	5,779	696	6,475
17. Other institutional buildings	2,230	135	2,365	600	140	740	1,652	139	1,791
Other building construction	6,033	2,727	8,760	7,172	2,466	9,638	7,373	2,762	10,135
18. Farm buildings (excluding dwellings)	1,986	1,387	3,373	1,801	1,256	3,057	1,887	1,311	3,198
19. Broadcasting, radio and television, relay and booster stations, telephone exchange	2,174	276	2,450	2,794	174	2,968	2,235	247	2,482
20. Aeroplane hangars	39	178	217	53	186	239	169	204	373
21. Passenger terminals, bus, boat or air	1,035	5	1,040	1,399	4	1,403	2,290	4	2,294
22. Armouries, barracks, drill halls, etc.	19	494	513	26	517	543	42	567	609
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	650	348	998	588	301	889	439	388	827
24. Other building construction	130	39	189	511	28	539	311	41	352
Total engineering construction	101,122	21,859	122,981	107,320	23,576	130,896	114,497	26,343	140,840
Marine construction	4,268	936	5,204	6,397	1,044	7,441	9,977	1,089	11,066
25. Docks, wharves, piers, breakwaters	3,123	617	3,740	4,968	723	5,691	7,886	820	8,706
26. Retaining walls, embankments, ripraping	20	10	30	27	10	37	44	11	55
27. Canals and waterways	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving	791	247	1,038	950	238	1,188	1,308	178	1,486
29. Dyke construction	149	26	175	202	27	229	330	30	360
30. Logging booms	—	36	36	—	46	46	—	50	50
31. Other marine construction	185	—	185	250	—	250	409	—	409

See footnotes at end of table.

TABLE 21. Total Value of Construction Work Performed — New and Repair by Type of Structure — New Brunswick, 1965-67^{1,2,3} — Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction	35,213	8,289	43,502	39,253	10,879	50,132	42,383	11,072	53,455
32. Hard surfaced or paved streets, highways, parking lots, etc....	23,344	992	24,336	25,646	6,787	32,433	27,467	6,345	33,812
33. Gravel or stone streets, highways, roads, parking lots, etc....	10,607	6,263	16,870	12,457	3,132	15,589	13,092	3,161	16,253
34. Dirt, clay or other streets, roads, parking lots, etc.....	731	779	1,510	637	694	1,331	662	668	1,330
35. Grading, scraping, oiling, filling	25	21	46	15	29	44	43	31	74
36. Sidewalks, paths	277	82	359	188	78	266	612	693	1,305
37. Aerodromes, landing fields, runways, tarmac	229	152	381	310	159	469	507	174	681
Waterworks and sewage systems	5,804	1,410	7,214	3,152	1,290	4,442	1,834	1,174	3,008
38. Tile drains, drainage ditches, storm sewers	227	190	417	212	178	390	235	187	422
39. Water mains, hydrants and services	1,261	992	2,273	1,507	901	2,408	955	796	1,751
40. Sewage systems and connections	1,150	188	1,338	921	186	1,107	415	160	575
41. Pumping stations, water	2,616	15	2,631	387	6	393	127	6	133
42. Water storage tanks	530	25	555	125	19	144	102	25	127
Dams and irrigation	1,081	217	1,298	387	161	548	332	166	498
43. Dams and reservoirs	839	52	891	169	12	181	105	11	116
44. Irrigation and land reclamation projects	242	165	407	218	149	367	227	155	382
Electric power construction	34,566	1,626	36,192	35,552	734	36,286	32,692	843	33,535
45. Electric power generating plants, including water conveying and controlling structures	24,583	508	25,091	28,567	86	28,653	24,990	80	25,070
46. Electric transformer stations	943	128	1,071	1,012	77	1,089	534	83	617
47. Power transmission and distribution lines, trolley wires	8,858	885	9,743	5,658	508	6,166	6,937	610	7,547
48. Street lighting	182	105	287	315	63	378	231	70	301
Railway, telephone and telegraph	6,732	6,141	12,873	8,541	5,830	14,371	9,269	8,109	17,378
49. Railway tracks and roadbed	2,474	4,493	6,967	3,081	4,477	7,558	3,942	6,262	10,204
50. Signals and interlockers	151	439	590	255	385	640	516	533	1,049
51. Telegraph and telephone lines, underground and marine cables	4,107	1,209	5,316	5,205	968	6,173	4,811	1,314	6,125
Gas and oil facilities	153	38	191	373	57	430	315	62	377
52. Gas mains and services	1	8	9	—	—	—	—	—	—
53. Pumping stations, oil	—	—	—	161	47	208	175	50	225
54. Pumping stations, gas	—	—	—	—	—	—	—	—	—
55. Oil storage tanks	71	30	101	130	—	130	70	2	72
56. Gas storage tanks	—	—	—	—	—	—	—	—	—
57. Oil pipe lines	4	—	4	18	—	18	20	—	20
58. Gas pipe lines	1	—	1	—	—	—	—	—	—
59. Oil wells	76	—	76	64	—	64	50	—	50
60. Gas wells	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units ³	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants	—	—	—	—	10	10	—	10	10
Other engineering construction	13,305	3,202	16,507	13,665	3,581	17,246	17,695	3,828	21,523
63. Bridges, trestles, culverts, overpasses, viaducts	6,901	1,608	8,509	8,990	1,750	10,740	12,807	1,857	14,664
64. Tunnels and subways	—	85	85	—	89	89	10	98	108
65. Incinerators	—	1	1	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc.	89	305	394	177	321	498	137	345	482
67. Swimming pools, tennis courts, outdoor recreation facilities	304	36	340	541	57	598	823	65	888
68. Mine shafts and other below surface workings	964	—	964	2,696	178	2,874	2,649	221	2,870
69. Fences, snowsheds, signs, guard rails	422	536	958	563	522	1,085	614	587	1,201
70. Other engineering construction	4,625	631	5,256	698	664	1,362	655	655	1,310

¹ Actual 1965, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

³ Included in "Other engineering construction".

TABLE 22. Total Value of Construction Work Performed — New and Repair by Type of Structure — Quebec, 1965-67^{1,2,3}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	2,199,228	417,533	2,616,761	2,298,436	439,902	2,738,338	2,113,572	474,657	2,588,229
Total building construction	1,307,117	272,611	1,579,728	1,350,593	291,873	1,642,466	1,271,659	309,788	1,581,447
Residential	565,100	167,500	732,600	545,900	179,200	725,100	543,200	190,000	733,200
Industrial	144,298	37,993	182,291	153,779	38,045	191,824	119,114	41,937	161,031
2. Factories, plants, workshops, food canneries	135,447	32,304	167,751	146,170	32,742	178,912	106,455	35,408	141,863
3. Mine and mine mill buildings	4,267	1,846	6,113	3,876	2,159	6,035	9,251	2,397	11,648
4. Railway stations, offices, roadway buildings	2,832	2,179	5,011	1,572	2,002	3,574	1,503	2,607	4,110
5. Railway shops, engine houses, water and fuel stations	1,752	1,664	3,416	2,161	1,142	3,303	1,905	1,525	3,430
Commercial	259,135	32,926	292,061	330,413	32,927	363,340	261,776	35,154	296,930
6. Warehouses, storehouses, refrigerated storage, etc.	16,488	3,073	19,661	22,227	3,765	25,992	20,030	4,014	24,044
7. Grain elevators	1,188	1,103	2,291	9,058	1,509	10,567	12,924	1,346	14,270
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	29,014	4,566	33,580	34,174	4,429	38,603	15,762	4,233	19,995
9. Office buildings	95,622	10,949	106,571	98,974	10,414	109,388	87,222	11,178	98,400
10. Stores, retail and wholesale	81,538	8,341	89,879	88,597	8,141	96,738	59,039	8,087	67,126
11. Garages and service stations	11,546	2,939	14,485	9,107	2,375	11,482	17,039	2,583	19,622
12. Theatres, arenas, amusement and recreational buildings	23,486	1,582	25,068	67,671	1,895	69,566	49,656	3,348	53,004
13. Laundries and dry cleaning establishments	253	373	626	605	399	1,004	104	365	469
Institutional	278,065	19,895	297,960	241,215	25,737	266,952	274,545	25,943	300,488
14. Schools and other educational buildings	196,504	9,131	205,635	166,747	11,206	177,953	181,985	12,780	194,765
15. Churches and other religious buildings	15,887	1,810	17,697	10,185	1,545	11,730	7,251	1,052	8,303
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	43,854	6,427	51,281	36,603	9,085	45,688	48,934	7,611	56,545
17. Other institutional buildings	20,820	2,527	23,347	27,680	3,901	31,581	36,375	4,500	40,875
Other building construction	60,519	14,297	74,816	79,286	15,964	95,250	73,024	16,754	89,778
18. Farm buildings (excluding dwellings)	27,491	8,711	36,202	34,196	9,801	43,997	32,898	10,189	43,087
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	8,372	429	8,801	8,798	451	9,249	15,787	499	16,286
20. Aeroplane hangars	47	413	460	198	448	646	483	485	968
21. Passenger terminals, bus, boat or air	5,062	617	5,679	17,510	838	18,348	6,088	828	6,916
22. Armouries, barracks, drill halls, etc.	793	2,496	3,289	1,065	2,714	3,779	1,197	2,923	4,120
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	1,729	819	2,548	3,938	748	4,686	4,254	743	4,997
24. Other building construction	17,025	812	17,837	13,581	964	14,545	12,317	1,087	13,404
Total engineering construction	892,111	144,922	1,037,033	947,843	148,029	1,095,872	841,913	164,869	1,006,782
Marine construction	25,700	4,809	30,509	22,002	4,588	26,590	36,783	5,330	42,113
25. Docks, wharves, piers, breakwaters	12,425	2,171	14,596	13,050	2,746	15,796	23,964	3,017	26,981
26. Retaining walls, embankments, ripraping	4,459	742	5,201	974	152	1,126	1,038	172	1,210
27. Canals and waterways	4,291	483	4,774	284	415	699	4,641	379	5,020
28. Dredging and pile driving	3,881	1,115	4,996	6,196	1,051	7,247	5,856	1,519	7,375
29. Dyke construction	1	—	1	—	1	1	—	4	4
30. Logging booms	371	192	563	181	217	398	192	227	419
31. Other marine construction	272	106	378	1,317	6	1,323	1,092	12	1,104

See footnotes at end of table.

TABLE 22. Total Value of Construction Work Performed — New and Repair by Type of Structure — Quebec, 1965-67^{1,2,3} — Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction.....	229,429	50,687	280,116	279,289	55,709	334,998	195,079	58,557	253,636
32. Hard surfaced or paved streets, highways, parking lots, etc....	177,055	20,733	197,788	258,259	47,173	305,432	169,671	50,030	219,701
33. Gravel or stone streets, highways, roads, parking lots, etc....	35,763	17,268	53,031	7,684	3,861	11,545	13,899	4,016	17,915
34. Dirt, clay or other streets, roads, parking lots, etc.....	7,877	2,301	10,178	4,602	2,784	7,386	4,056	2,595	6,651
35. Grading, scraping, oiling, filling	2,076	6,419	8,495	2,113	48	2,161	472	54	526
36. Sidewalks, paths.....	4,900	3,759	8,659	4,230	1,621	5,851	4,332	1,623	5,955
37. Aerodromes, landing fields, runways, tarmac.....	1,758	207	1,965	2,401	222	2,623	2,649	239	2,888
Waterworks and sewage systems.....	93,016	16,017	109,033	95,706	12,812	108,518	93,911	16,129	110,040
38. Tile drains, drainage ditches, storm sewers	4,752	1,228	5,980	10,252	1,130	11,382	10,037	1,192	11,229
39. Water mains, hydrants and services.....	38,306	6,970	45,276	26,209	6,506	32,715	23,390	6,867	30,257
40. Sewage systems and connections.....	41,737	4,747	46,484	50,719	4,506	55,225	55,236	4,495	59,731
41. Pumping stations, water	6,519	714	7,233	5,273	504	5,777	4,700	3,394	8,094
42. Water storage tanks	1,702	2,358	4,060	3,253	166	3,419	548	181	729
Dams and irrigation.....	126,166	1,474	127,640	12,266	1,577	13,843	20,850	1,991	22,841
43. Dams and reservoirs.....	122,825	425	123,250	1,194	392	1,586	1,536	755	2,291
44. Irrigation and land reclamation projects	3,341	1,049	4,390	11,072	1,185	12,257	19,314	1,236	20,550
Electric power construction.....	186,067	11,128	197,195	302,369	10,414	312,783	296,381	10,943	307,324
45. Electric power generating plants, including water conveying and controlling structures	50,857	3,421	54,278	173,204	3,486	176,690	171,536	3,425	174,961
46. Electric transformer stations	30,276	951	31,227	26,161	1,014	27,175	26,975	1,071	28,046
47. Power transmission and distribution lines, trolley wires	101,916	4,326	106,242	98,112	4,961	103,073	93,442	5,526	98,968
48. Street lighting	3,018	2,430	5,448	4,892	953	5,845	4,428	921	5,349
Railway, telephone and telegraph.....	57,984	31,346	89,330	57,856	33,543	91,399	59,912	40,307	100,219
49. Railway tracks and roadbed	16,465	17,342	33,807	15,555	19,278	34,833	14,671	24,481	39,152
50. Signals and interlockers	1,249	1,804	3,053	1,944	1,871	3,815	1,575	2,319	3,894
51. Telegraph and telephone lines, underground and marine cables	40,270	12,200	52,470	40,357	12,394	52,751	43,666	13,507	57,173
Gas and oil facilities	28,719	9,087	37,816	21,986	11,186	33,172	28,028	11,474	39,502
52. Gas mains and services	7,144	1,371	8,515	7,961	1,326	9,287	5,640	1,071	6,711
53. Pumping stations, oil	32	33	65	572	106	678	201	69	270
54. Pumping stations, gas	156	—	156	15	—	15	—	—	—
55. Oil storage tanks	2,288	718	3,006	3,147	426	3,573	3,925	474	4,399
56. Gas storage tanks	43	47	90	145	116	261	685	114	799
57. Oil pipe lines	6,419	158	6,577	1,204	150	1,354	5,414	226	5,640
58. Gas pipe lines	1,353	24	1,377	3,037	45	3,082	22	41	63
59. Oil wells	309	15	324	35	—	35	150	—	150
60. Gas wells	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units ³	10,975	6,721	17,706	5,870	9,017	14,887	11,991	9,479	21,470
62. Natural gas cleaning plants	—	—	—	—	—	—	—	—	—
Other engineering construction	145,030	20,364	165,394	156,369	18,200	174,569	110,969	20,138	131,107
63. Bridges, trestles, culverts, overpasses, viaducts	75,716	8,192	83,908	73,681	6,571	80,252	50,705	7,709	58,414
64. Tunnels and subways	30,115	26	30,141	21,643	46	21,689	6,400	250	6,650
65. Incinerators	—	2	2	12	2	14	110	2	112
66. Park systems, landscaping, sodding, etc.	3,024	423	3,447	8,642	466	9,108	6,948	823	7,771
67. Swimming pools, tennis courts, outdoor recreation facilities	687	48	735	6,279	71	6,350	9,335	86	9,421
68. Mine shafts and other below surface workings	7,387	607	7,994	6,519	520	7,039	4,854	537	5,391
69. Fences, snowsheds, signs, guard rails	5,289	2,264	7,553	5,836	1,813	7,649	5,844	1,987	7,831
70. Other engineering construction	22,812	8,802	31,614	33,757	8,711	42,468	26,773	8,744	35,517

¹ Actual 1965, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

³ Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

TABLE 23. Total Value of Construction Work Performed—New and Repair by Type of Structure—Ontario, 1965-67^{1,2,3}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	2,532,664	639,110	3,171,774	3,072,432	681,504	3,753,936	3,133,268	731,302	3,864,570
Total building construction	1,810,112	408,025	2,218,137	2,158,636	438,079	2,596,735	2,179,164	463,939	2,643,103
Residential	802,600	236,200	1,038,800	875,500	252,600	1,128,100	871,000	267,700	1,138,700
Industrial	265,574	69,163	334,737	402,166	72,631	474,797	320,265	80,071	400,336
2. Factories, plants, workshops, food canneries	249,847	54,881	304,728	327,683	57,976	385,659	260,252	62,527	322,779
3. Mine and mine mill buildings	12,825	8,125	20,950	65,239	8,437	73,676	54,803	8,896	63,699
4. Railway stations, offices, roadway buildings	1,701	4,205	5,906	7,043	4,108	11,151	3,247	5,699	8,946
5. Railway shops, engine houses, water and fuel stations	1,201	1,952	3,153	2,201	2,110	4,311	1,963	2,949	4,912
Commercial	335,125	48,224	383,349	406,469	52,470	458,939	432,722	52,919	485,641
6. Warehouses, storehouses, refrigerated storage, etc.	17,785	4,330	22,115	31,669	5,033	36,702	33,912	5,490	39,402
7. Grain elevators	692	895	1,587	1,840	716	2,556	1,331	593	1,924
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	23,960	4,449	28,409	24,607	5,594	30,201	33,670	5,119	38,789
9. Office buildings	169,930	16,957	186,887	195,543	18,438	213,981	201,052	18,811	219,863
10. Stores, retail and wholesale	69,106	13,173	82,279	87,857	12,866	100,723	84,008	13,357	97,365
11. Garages and service stations	18,105	5,996	24,101	22,691	6,265	28,956	44,806	6,505	51,311
12. Theatres, arenas, amusement and recreational buildings	34,701	1,937	36,638	42,087	3,029	45,116	33,643	2,580	36,223
13. Laundries and dry cleaning establishments	846	487	1,333	175	529	704	300	464	764
Institutional	339,695	23,615	363,310	406,050	29,258	435,308	481,210	30,727	511,937
14. Schools and other educational buildings	235,340	13,385	248,725	279,819	16,146	295,965	330,687	16,021	346,708
15. Churches and other religious buildings	15,184	2,752	17,936	13,684	2,605	16,289	15,465	2,513	17,978
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	58,777	5,945	64,722	72,554	8,658	81,212	99,074	10,113	109,187
17. Other institutional buildings	30,394	1,533	31,927	39,993	1,849	41,842	35,984	2,080	38,064
Other building construction	67,118	30,823	97,941	68,471	31,120	99,591	73,967	32,522	106,489
18. Farm buildings (excluding dwellings)	39,636	21,685	61,321	41,829	22,230	64,059	43,739	23,244	66,983
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	11,433	516	11,949	13,522	474	13,996	13,452	456	13,908
20. Aeroplane hangars	91	929	1,020	203	841	1,044	619	903	1,522
21. Passenger terminals, bus, boat or air	17	53	70	132	86	218	122	93	215
22. Armouries, barracks, drill halls, etc.	2,914	4,457	7,371	3,007	4,538	7,545	3,220	4,878	8,098
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	1,773	479	2,252	1,536	582	2,118	1,667	447	2,114
24. Other building construction	11,254	2,704	13,958	8,242	2,369	10,611	11,148	2,501	13,649
Total engineering construction	722,552	231,085	953,637	913,776	243,425	1,157,201	954,104	267,363	1,221,467
Marine construction	25,416	8,523	33,939	26,206	9,191	35,397	38,726	9,386	48,112
25. Docks, wharves, piers, breakwaters	7,532	1,560	9,092	6,345	1,450	7,795	6,179	1,847	8,026
26. Retaining walls, embankments, ripraping	905	298	1,203	3,662	282	3,944	3,231	400	3,631
27. Canals and waterways	15,310	4,573	19,883	14,520	5,250	19,770	26,913	4,691	31,604
28. Dredging and pile driving	1,390	95	1,485	1,434	124	1,558	2,141	136	2,277
29. Dyke construction	—	11	11	—	13	13	—	15	15
30. Logging booms	86	86	172	—	78	78	—	56	56
31. Other marine construction	193	1,900	2,093	245	1,994	2,239	262	2,241	2,503

See footnotes at end of table.

TABLE 23. Total Value of Construction Work Performed—New and Repair by Type of Structure—Ontario 1965-67^{1,2,3}—Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction	221,179	75,181	296,360	246,365	77,460	323,825	237,546	79,510	337,056
32. Hard surfaced or paved streets, highways, parking lots, etc.	180,002	60,498	240,500	201,295	61,153	262,448	210,472	62,595	273,067
33. Gravel or stone streets, highways, roads, parking lots, etc.	31,343	10,015	41,358	33,177	9,970	43,147	36,472	11,356	47,828
34. Dirt, clay or other streets, roads, parking lots, etc.	1,925	1,614	3,539	2,288	2,433	4,721	1,989	1,689	3,678
35. Grading, scraping, oiling, filling	310	217	527	1,114	631	1,745	481	591	1,072
36. Sidewalks, paths	7,077	2,077	9,154	7,943	2,501	10,444	7,556	2,447	10,003
37. Aerodromes, landing fields, runways, tarmac	522	760	1,282	548	772	1,320	576	832	1,408
Waterworks and sewage systems	102,070	20,067	122,137	151,302	21,449	172,751	160,576	22,903	183,479
38. Tile drains, drainage ditches, storm sewers	6,825	6,123	12,948	8,813	6,311	15,124	7,349	6,900	14,249
39. Water mains, hydrants and services	28,719	7,865	36,584	41,863	8,156	50,019	38,129	8,583	46,712
40. Sewage systems and connections	55,504	4,773	60,277	76,997	5,731	82,728	90,804	6,040	96,844
41. Pumping stations, water	9,887	921	10,808	22,094	865	22,959	22,174	951	23,125
42. Water storage tanks	1,135	385	1,520	1,535	386	1,921	2,120	429	2,549
Dams and irrigation	9,034	2,851	11,885	20,826	3,266	24,092	17,927	3,335	21,262
43. Dams and reservoirs	4,232	287	4,519	15,507	546	16,053	11,714	482	12,196
44. Irrigation and land reclamation projects	4,802	2,564	7,366	5,319	2,720	8,039	6,213	2,853	9,066
Electric power construction	115,171	30,099	145,270	148,363	34,999	183,362	168,437	37,153	205,590
45. Electric power generating plants, including water conveying and controlling structures	50,297	6,009	56,306	69,238	7,145	76,383	75,171	7,707	82,878
46. Electric transformer stations	7,098	2,280	9,378	10,696	3,053	13,749	14,257	3,205	17,462
47. Power transmission and distribution lines, trolley wires	52,033	18,554	70,587	61,544	21,771	83,315	71,648	23,037	94,685
48. Street lighting	5,743	3,256	8,999	6,885	3,030	9,915	7,361	3,204	10,565
Railway, telephone and telegraph	76,115	33,893	130,008	105,475	57,570	163,045	93,005	71,762	164,767
49. Railway tracks and roadbed	31,609	31,628	63,237	45,036	33,663	78,699	38,996	46,083	85,079
50. Signals and interlockers	1,619	3,577	5,196	3,867	3,176	7,043	2,802	4,228	7,030
51. Telegraph and telephone lines, underground and marine cables	42,887	18,688	61,575	56,572	20,731	77,303	51,207	21,451	72,658
Gas and oil facilities	55,941	17,632	73,573	81,750	15,589	97,339	69,834	16,555	86,389
52. Gas mains and services	23,475	2,042	25,517	35,230	2,169	37,399	30,366	2,240	32,606
53. Pumping stations, oil	265	306	571	289	363	652	272	393	665
54. Pumping stations, gas	2,431	561	2,992	705	155	860	1,747	1	1,748
55. Oil storage tanks	1,106	871	1,977	2,773	856	3,629	3,338	960	4,298
56. Gas storage tanks	18	—	18	9	—	9	2,114	1	2,115
57. Oil pipe lines	707	764	1,471	52	625	677	23	621	644
58. Gas pipe lines	5,751	424	6,175	4,994	369	5,363	15,770	217	15,987
59. Oil wells	1,473	195	1,668	1,000	265	1,265	569	211	780
60. Gas wells	3,171	543	3,714	1,436	388	1,824	1,334	465	1,799
61. Oil refinery—Processing units ³	17,417	11,921	29,338	35,213	10,389	45,602	14,251	11,436	25,687
62. Natural gas cleaning plants	127	5	132	49	10	59	50	10	60
Other engineering construction	117,626	22,839	140,465	133,489	23,901	157,390	148,053	26,759	174,812
63. Bridges, trestles, culverts, overpasses, viaducts	54,265	5,907	60,172	52,274	6,117	58,391	56,903	7,192	64,095
64. Tunnels and subways	29,421	172	29,593	31,013	205	31,218	32,443	166	32,609
65. Incinerators	78	92	170	82	65	147	248	38	286
66. Park systems, landscaping, sodding, etc.	1,918	1,623	3,541	3,415	2,606	6,021	3,447	3,010	6,457
67. Swimming pools, tennis courts, outdoor recreation facilities	1,081	639	1,720	1,589	644	2,233	1,384	757	2,141
68. Mine shafts and other below surface workings	7,605	1,304	8,909	20,114	1,055	21,169	25,697	1,325	27,022
69. Fences, snowsheds, signs, guard rails	8,491	9,818	18,309	9,260	9,865	19,125	11,445	11,001	22,446
70. Other engineering construction	14,767	3,284	18,051	15,742	3,344	19,086	16,486	3,270	19,756

¹ Actual 1965, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

³ Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

TABLE 24. Total Value of Construction Work Performed — New and Repair by Type of Structure — Manitoba, 1965-67^{1,2,3}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	323,755	91,358	415,113	402,802	94,752	497,554	456,201	107,050	563,251
Total building construction	187,487	51,540	239,027	216,783	54,914	271,697	232,154	59,067	291,221
Residential	87,200	27,200	114,400	79,500	29,100	108,600	79,000	30,900	109,900
Industrial	22,604	6,069	28,673	28,110	6,370	34,480	30,010	7,364	37,374
2. Factories, plants, workshops, food canneries	19,631	3,698	23,329	22,187	4,139	26,326	24,490	4,338	28,828
3. Mine and mine mill buildings	2,007	233	2,240	3,965	171	4,136	3,231	200	3,431
4. Railway stations, offices, roadway buildings	504	1,427	1,931	1,279	1,379	2,658	1,492	1,886	3,378
5. Railway shops, engine houses, water and fuel stations	462	711	1,173	679	681	1,360	797	940	1,737
Commercial	31,502	8,953	40,455	40,935	9,249	50,184	44,873	9,702	54,575
6. Warehouses, storehouses, refrigerated storage, etc.	5,217	802	6,019	6,460	646	7,106	5,589	703	6,292
7. Grain elevators	1,141	960	2,101	1,964	969	2,983	2,849	960	3,809
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	2,947	876	3,823	3,475	1,747	5,222	3,235	974	4,209
9. Office buildings	13,488	2,369	15,857	11,433	2,646	14,079	8,718	3,187	11,905
10. Stores, retail and wholesale	5,184	2,856	8,040	11,252	1,926	13,178	7,576	2,368	9,944
11. Garages and service stations	550	593	1,143	1,793	662	2,455	5,740	648	6,388
12. Theatres, arenas, amusement and recreational buildings	2,955	448	3,403	4,554	634	5,188	11,166	843	12,009
13. Laundries and dry cleaning establishments	20	49	69	4	19	23	—	19	19
Institutional	33,534	3,822	37,356	52,128	4,076	56,204	60,159	4,791	64,950
14. Schools and other educational buildings	20,083	2,270	22,353	39,751	2,359	42,110	50,828	3,033	53,861
15. Churches and other religious buildings	1,436	176	1,612	901	181	1,082	1,221	133	1,354
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	7,052	999	8,051	6,209	1,055	7,264	4,500	1,055	5,555
17. Other institutional buildings	4,963	377	5,340	5,267	481	5,748	3,610	570	4,180
Other building construction	12,647	5,496	18,143	16,110	6,119	22,229	18,112	6,310	24,422
18. Farm buildings (excluding dwellings)	10,590	3,521	14,111	11,590	3,821	15,411	12,056	3,979	16,035
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	1,081	398	1,479	1,968	605	2,573	3,605	411	4,016
20. Aeroplane hangars	141	462	603	210	478	688	536	500	1,036
21. Passenger terminals, bus, boat or air	171	1	172	350	1	351	340	1	341
22. Armouries, barracks, drill halls, etc.	316	946	1,262	533	1,008	1,541	629	1,078	1,707
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	76	94	170	330	112	442	358	107	465
24. Other building construction	272	74	346	1,129	84	1,223	588	234	822
Total engineering construction	136,268	39,818	176,086	186,019	39,838	225,857	224,047	47,983	272,030
Marine construction	668	601	1,269	427	618	1,045	591	737	1,328
25. Docks, wharves, piers, breakwaters	341	316	657	180	329	509	302	396	698
26. Retaining walls, embankments, ripraping	23	17	40	9	1	10	8	1	9
27. Canals and waterways	8	10	18	—	11	11	—	11	11
28. Dredging and pile driving	25	244	269	12	277	289	14	319	333
29. Dyke construction	—	—	—	—	—	—	—	—	—
30. Logging booms	17	—	17	—	—	—	—	10	10
31. Other marine construction	254	14	268	226	—	226	267	—	267

See footnotes at end of table.

TABLE 24. Total Value of Construction Work Performed — New and Repair by Type of Structure — Manitoba, 1965-67^{1,2,3} — Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road highway and aerodrome construction	46,089	8,156	54,245	57,554	7,376	64,930	50,681	8,803	59,484
32. Hard surfaced or paved streets, highways, parking lots, etc....	23,462	4,861	28,323	31,557	4,003	35,560	26,917	4,594	31,511
33. Gravel or stone streets, highways, roads, parking lots, etc....	7,239	1,336	8,575	7,474	1,408	8,882	6,239	1,795	8,034
34. Dirt, clay or other streets, roads, parking lots, etc....	162	30	192	204	37	241	214	31	245
35. Grading, scraping, oiling, filling	11,756	1,376	13,132	13,109	1,457	14,566	11,168	1,915	13,083
36. Sidewalks, paths	705	468	1,173	637	380	1,017	750	371	1,121
37. Aerodromes, landing fields, runways, tarmac	2,765	85	2,850	4,573	91	4,664	5,393	97	5,490
Waterworks and sewage systems	19,024	2,936	21,960	22,743	3,298	26,041	19,725	3,722	23,447
38. Tile drains, drainage ditches, storm sewers	1,730	467	2,197	3,364	858	4,222	3,951	1,227	5,178
39. Water mains, hydrants and services	5,502	1,765	7,267	6,414	1,746	8,160	6,020	1,766	7,786
40. Sewage systems and connections	11,213	558	11,771	11,945	552	12,497	8,954	563	9,517
41. Pumping stations, water	311	88	399	461	80	541	472	100	572
42. Water storage tanks	268	58	326	559	62	621	328	66	394
Dams and irrigation	2,964	670	3,634	15,377	707	16,084	21,531	749	22,280
43. Dams and reservoirs	1,667	241	1,908	2,901	236	3,137	3,271	264	3,535
44. Irrigation and land reclamation projects	1,297	429	1,726	12,476	471	12,947	18,260	485	18,745
Electric power construction	21,202	2,392	23,594	29,386	1,862	31,248	53,970	2,000	55,970
45. Electric power generating plants, including water conveying and controlling structures	5,564	285	5,849	7,018	396	7,414	31,651	737	32,388
46. Electric transformer stations	1,347	1,116	2,463	1,298	134	1,432	1,656	92	1,748
47. Power transmission and distribution lines, trolley wires	12,837	453	13,290	19,152	805	19,957	18,725	619	19,344
48. Street lighting	1,454	538	1,992	1,918	527	2,445	1,938	552	2,490
Railway, telephone and telegraph	15,563	16,349	31,912	19,615	17,452	37,067	26,586	22,684	49,270
49. Railway tracks and roadbed	5,582	10,827	16,409	8,664	11,570	20,234	14,627	15,985	30,612
50. Signals and interlockers	1,299	788	2,087	1,189	987	2,176	1,397	1,353	2,750
51. Telegraph and telephone lines, underground and marine cables	8,682	4,734	13,416	9,762	4,895	14,657	10,562	5,346	15,908
Gas and oil facilities	11,837	1,650	13,487	13,208	979	14,187	10,665	967	11,632
52. Gas mains and services	3,529	565	4,094	3,588	7	3,595	3,312	—	3,312
53. Pumping stations, oil	137	310	447	3,006	243	3,249	295	266	561
54. Pumping stations, gas	32	31	63	196	35	231	1,557	—	1,557
55. Oil storage tanks	568	167	735	489	262	751	241	290	531
56. Gas storage tanks	7	—	7	195	—	195	492	—	492
57. Oil pipe lines	484	161	645	160	116	276	2,418	114	2,532
58. Gas pipe lines	5,347	38	5,385	4,518	42	4,560	931	—	931
59. Oil wells	1,733	378	2,111	1,056	259	1,315	1,419	282	1,701
60. Gas wells	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units ³	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants	—	—	—	—	15	15	—	15	15
Other engineering construction	18,921	7,064	25,985	27,709	7,546	35,255	40,298	8,321	48,619
63. Bridges, trestles, culverts, overpasses, viaducts	7,786	2,373	10,159	7,092	2,507	9,599	10,620	3,134	13,754
64. Tunnels and subways	6	—	6	—	1	1	—	—	—
65. Incinerators	6	1	7	10	1	11	12	1	13
66. Park systems, landscaping, sodding, etc.	320	156	476	279	135	414	311	151	462
67. Swimming pools, tennis courts, outdoor recreation facilities....	124	70	194	40	73	113	46	79	125
68. Mine shafts and other below surface workings	7,023	899	7,922	13,410	1,248	14,658	16,566	1,327	17,893
69. Fences, snowsheds, signs, guard rails	1,816	836	2,652	3,352	875	4,227	3,252	1,000	4,252
70. Other engineering construction	1,840	2,729	4,569	3,526	2,706	6,232	9,491	2,629	12,120

¹ Actual 1965, preliminary 1966, intentions 1967.² See footnote 2, Table 3.³ Included in "Other engineering construction".

TABLE 25. Total Value of Construction Work Performed — New and Repair by Type of Structure — Saskatchewan, 1965-67^{1,2,3,4}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	471,464	93,519	564,983	561,246	101,447	662,693	590,015	111,649	701,664
Total building construction	226,905	50,912	277,817	259,831	52,727	312,558	286,007	55,727	341,734
Residential	105,700	26,600	132,300	101,800	28,400	130,200	101,300	30,100	131,400
Industrial	27,732	2,764	30,496	38,475	2,871	41,346	50,408	3,651	54,059
2. Factories, plants, workshops, food canneries	12,758	1,054	13,812	12,518	949	13,467	22,700	1,027	23,727
3. Mine and mine mill buildings	14,275	277	14,552	24,780	185	24,965	26,515	228	26,743
4. Railway stations, offices, roadway buildings	463	1,014	1,477	769	1,150	1,919	781	1,585	2,366
5. Railway shops, engine houses, water and fuel stations	236	419	655	408	587	995	412	811	1,223
Commercial	35,433	7,949	43,382	47,298	7,536	54,834	50,336	7,575	57,911
6. Warehouses, storehouses, refrigerated storage, etc.	3,315	500	3,815	4,147	433	4,580	5,567	455	6,022
7. Grain elevators	4,921	3,184	8,105	3	3	6	7,223	2,914	10,137
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	5,888	1,045	6,933	3,045	652	3,697	2,295	546	2,841
9. Office buildings	4,653	1,166	5,819	15,606	4,505	20,111	8,075	1,403	9,478
10. Stores, retail and wholesale	8,276	1,370	9,646	12,666	1,231	13,897	13,810	1,481	15,291
11. Garages and service stations	1,763	467	2,230	2,438	423	2,861	6,195	536	6,731
12. Theatres, arenas, amusement and recreational buildings	6,050	157	6,207	9,393	270	9,663	7,171	234	7,405
13. Laundries and dry cleaning establishments	567	60	627	—	19	19	—	6	6
Institutional	35,950	4,498	40,448	50,373	4,726	55,099	60,448	4,946	65,394
14. Schools and other educational buildings	28,308	2,695	31,003	39,734	2,955	42,689	48,248	3,127	51,375
15. Churches and other religious buildings	2,881	238	3,119	1,944	171	2,115	2,776	155	2,931
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	2,448	1,404	3,852	6,318	1,343	7,661	6,306	1,505	7,811
17. Other institutional buildings	2,313	161	2,474	2,377	257	2,634	3,118	159	3,277
Other building construction	22,090	9,101	31,191	21,885	9,194	31,079	23,515	9,455	32,970
18. Farm buildings (excluding dwellings)	20,274	8,099	28,373	19,135	7,707	26,842	19,941	8,035	27,976
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	1,253	226	1,479	1,758	213	1,971	2,419	220	2,639
20. Aeroplane hangars	23	24	47	29	119	148	13	26	39
21. Passenger terminals, bus, boat or air	33	1	34	2	21	23	100	23	123
22. Armouries, barracks, drill halls, etc.	91	641	732	73	638	711	52	681	733
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	20	26	46	282	16	298	214	18	232
24. Other building construction	396	84	480	606	480	1,086	776	452	1,228
Total engineering construction	244,559	42,607	287,166	301,415	48,720	350,135	304,008	55,922	359,930
Marine construction	33	65	98	100	89	189	125	126	251
25. Docks, wharves, piers, breakwaters	33	61	94	90	88	178	117	125	242
26. Retaining walls, embankments, ripraping	—	—	—	10	—	10	8	—	8
27. Canals and waterways	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving	—	—	—	—	—	—	—	—	—
29. Dyke construction	—	1	1	—	1	1	—	1	1
30. Logging booms	—	—	—	—	—	—	—	—	—
31. Other marine construction	—	3	3	—	—	—	—	—	—

See footnotes at end of table.

TABLE 25. Total Value of Construction Work Performed—New and Repair by Type of Structure—Saskatchewan, 1965-67^{1,2,3,4}—Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction	47,767	10,052	57,819	59,692	11,565	71,257	57,534	12,339	69,873
32. Hard surfaced or paved streets, highways, parking lots, etc.	34,546	6,528	41,074	47,581	8,594	56,175	46,441	9,310	55,751
33. Gravel or stone streets, highways, roads, parking lots, etc.	9,988	3,312	13,300	7,989	2,388	10,377	7,419	2,336	9,755
34. Dirt, clay or other streets, roads, parking lots, etc.	33	14	47	1,359	356	1,715	1,226	467	1,693
35. Grading, scraping, oiling, filling	471	41	512	71	47	118	163	41	204
36. Sidewalks, paths	1,846	137	1,983	1,987	148	2,135	1,767	156	1,923
37. Aerodromes, landing fields, runways, tarmac	883	20	903	705	32	737	518	29	547
Waterworks and sewage systems	13,916	3,618	17,534	10,337	3,856	14,193	11,226	4,281	15,507
38. Tile drains, drainage ditches, storm sewers	2,215	897	3,112	2,108	861	2,969	2,260	904	3,164
39. Water mains, hydrants and services	5,077	1,831	6,908	3,541	1,714	5,255	3,827	1,763	5,590
40. Sewage systems and connections	5,629	655	6,284	3,941	810	4,751	3,791	1,148	4,939
41. Pumping stations, water	453	111	564	179	338	517	991	343	1,334
42. Water storage tanks	542	124	666	568	133	701	357	123	480
Dams and irrigation	28,223	2,236	30,459	25,833	2,111	27,944	22,255	2,219	24,474
43. Dams and reservoirs	25,751	1,020	26,771	17,884	945	18,829	12,513	999	13,512
44. Irrigation and land reclamation projects	2,472	1,216	3,688	7,949	1,166	9,115	9,742	1,220	10,962
Electric power construction	23,370	2,652	26,022	36,388	2,259	38,647	43,987	2,384	46,371
45. Electric power generating plants, including water conveying and controlling structures	3,910	706	4,616	16,238	617	16,855	26,277	675	26,952
46. Electric transformer stations	1,715	254	1,969	3,622	188	3,810	1,677	203	1,880
47. Power transmission and distribution lines, trolley wires	16,763	1,546	18,309	15,164	1,283	16,447	14,443	1,326	15,769
48. Street lighting	982	146	1,128	1,364	171	1,535	1,590	180	1,770
Railway, telephone and telegraph	11,251	12,756	24,007	13,119	12,641	25,760	15,524	16,917	32,441
49. Railway tracks and roadbed	5,942	10,031	15,973	6,324	9,901	16,225	6,898	13,696	20,594
50. Signals and interlockers	301	646	947	653	850	1,503	629	1,163	1,792
51. Telegraph and telephone lines, underground and marine cables	5,008	2,079	7,087	6,142	1,890	8,032	7,997	2,058	10,055
Gas and oil facilities	66,863	7,043	73,906	56,617	11,752	68,369	55,848	12,668	68,516
52. Gas mains and services	3,204	140	3,344	3,626	360	3,986	3,599	357	3,956
53. Pumping stations, oil	1,133	297	1,430	3,328	223	3,551	2,557	247	2,804
54. Pumping stations, gas	62	51	113	351	53	404	1,702	2	1,704
55. Oil storage tanks	482	235	717	548	235	783	470	335	805
56. Gas storage tanks	—	—	—	—	—	—	—	—	—
57. Oil pipe lines ³	—	—	—	—	—	—	—	—	—
58. Gas pipe lines ³	—	—	—	—	—	—	—	—	—
59. Oil wells	58,243	4,260	62,503	43,505	8,121	51,626	42,373	9,726	52,099
60. Gas wells	3,140	230	3,370	3,947	623	4,570	1,557	308	1,865
61. Oil refinery—Processing units ⁴	385	1,586	1,971	680	2,035	2,715	769	1,586	2,355
62. Natural gas cleaning plants	214	244	458	632	102	734	2,821	107	2,928
Other engineering construction	53,136	4,185	57,321	99,329	4,447	103,776	97,509	4,988	102,497
63. Bridges, trestles, culverts, overpasses, viaducts	5,581	727	6,308	9,393	921	10,314	7,021	1,364	8,385
64. Tunnels and subways	460	—	460	247	—	247	522	—	522
65. Incinerators	7	—	7	38	1	39	4	2	6
66. Park systems, landscaping, sodding, etc.	263	66	329	626	293	919	777	318	1,095
67. Swimming pools, tennis courts, outdoor recreation facilities....	160	27	187	210	58	268	165	66	231
68. Mine shafts and other below surface workings	23,782	296	24,078	60,741	336	61,077	64,325	305	64,630
69. Fences, snowsheds, signs, guard rails	3,218	1,463	4,681	3,132	1,354	4,486	3,269	1,478	4,747
70. Other engineering construction	19,665	1,606	21,271	24,942	1,484	26,426	21,426	1,455	22,881

¹ Actual 1965, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

³ Included in "Other engineering construction".

⁴ Items 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

TABLE 26. Total Value of Construction Work Performed — New and Repair by Type of Structure — Alberta, 1965-67^{1,2,3}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	916,101	177,565	1,093,666	1,071,771	177,929	1,249,700	1,095,129	194,774	1,289,903
Total building construction.....	386,632	92,922	479,554	465,807	99,507	565,314	495,084	105,439	600,523
Residential	164,500	50,700	215,200	155,500	54,200	209,700	154,700	57,400	212,100
Industrial	16,481	7,271	23,752	12,466	6,140	18,606	15,872	6,759	22,631
2. Factories, plants, workshops, food canneries	15,494	5,463	20,957	10,665	4,190	14,855	13,932	4,208	18,140
3. Mine and mine mill buildings.....	142	—	142	40	49	89	16	32	48
4. Railway stations, offices, roadway buildings.....	629	1,239	1,868	1,149	1,281	2,430	1,247	1,689	2,936
5. Railway shops, engine houses, water and fuel stations.....	216	569	785	612	620	1,232	677	830	1,507
Commercial	73,993	15,955	89,948	102,144	17,912	120,056	99,566	17,544	117,110
6. Warehouses, storehouses, refrigerated storage, etc	5,434	1,117	6,551	13,454	1,618	15,072	16,550	1,686	18,236
7. Grain elevators	1,805	1,723	3,528	2,157	1,592	3,749	2,976	1,445	4,421
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	5,410	1,518	6,928	11,784	1,570	13,354	5,526	1,324	6,850
9. Office buildings	32,473	6,696	39,169	45,296	8,600	53,896	41,131	8,440	49,571
10. Stores, retail and wholesale	18,576	2,732	21,308	11,456	2,645	14,101	15,622	2,836	18,458
11. Garages and service stations	3,673	1,159	4,832	4,018	1,092	5,110	6,905	1,151	8,056
12. Theatres, arenas, amusement and recreational buildings.....	6,589	927	7,516	13,954	731	14,685	10,836	610	11,446
13. Laundries and dry cleaning establishments	33	83	116	25	64	89	20	52	72
Institutional	94,058	9,070	103,128	153,825	9,587	163,412	186,245	11,274	197,519
14. Schools and other educational buildings	59,031	4,729	63,760	90,370	5,117	95,487	116,299	6,348	122,647
15. Churches and other religious buildings	2,298	323	2,621	3,142	373	3,515	3,195	430	3,625
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	20,779	2,776	23,555	27,699	1,026	28,725	27,710	1,066	28,776
17. Other institutional buildings	11,950	1,242	13,192	32,614	3,071	35,685	39,041	3,430	42,471
Other building construction	37,600	9,926	47,526	41,872	11,668	53,540	38,701	12,462	51,163
18. Farm buildings (excluding dwellings)	28,119	7,552	35,671	30,292	8,137	38,429	31,943	8,552	40,495
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	4,721	464	5,185	6,014	582	6,596	2,196	635	2,831
20. Aeroplane hangars	33	203	236	30	328	358	114	345	459
21. Passenger terminals, bus, boat or air	208	38	246	217	73	290	222	47	269
22. Armouries, barracks, drill halls, etc.....	514	801	1,315	466	804	1,270	485	865	1,350
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	401	165	566	1,588	133	1,721	934	141	1,075
24. Other building construction	3,604	703	4,307	3,265	1,611	4,876	2,807	1,877	4,684
Total engineering construction	529,469	84,643	614,112	605,964	78,422	684,386	600,045	89,335	689,380
Marine construction	293	591	884	1,074	622	1,696	467	701	1,168
25. Docks, wharves, piers, breakwaters	48	250	298	850	280	1,130	235	332	567
26. Retaining walls, embankments, ripraping	49	—	49	46	—	46	47	—	47
27. Canals and waterways	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving	—	302	302	—	303	303	—	327	327
29. Dyke construction	—	3	3	—	3	3	—	3	3
30. Logging booms	—	—	—	—	—	—	—	—	—
31. Other marine construction	196	36	232	178	36	214	185	39	224

See footnotes at end of table.

TABLE 26. Total Value of Construction Work Performed – New and Repair by Type of Structure – Alberta, 1965-67^{1,2,3} – Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction	65,826	28,445	94,271	70,296	17,439	87,735	88,290	20,430	108,720
32. Hard surfaced or paved streets, highways, parking lots, etc.	39,695	20,022	59,717	45,339	12,367	57,706	57,340	14,106	71,446
33. Gravel or stone streets, highways, roads, parking lots, etc.	12,493	7,838	20,331	12,682	3,767	16,449	17,177	4,649	21,826
34. Dirt, clay or other streets, roads, parking lots, etc.	574	220	794	399	194	593	389	189	578
35. Grading, scraping, oiling, filling	8,430	41	8,471	8,141	696	8,837	9,722	903	10,625
36. Sidewalks, paths	2,435	246	2,681	1,765	306	2,071	1,932	446	2,378
37. Aerodromes, landing fields, runways, tarmac	2,199	78	2,277	1,970	109	2,079	1,730	137	1,867
Waterworks and sewage systems	21,018	4,353	25,371	26,327	5,660	31,987	25,482	5,208	30,690
38. Tile drains, drainage ditches, storm sewers	3,088	821	3,909	5,146	888	6,034	6,680	930	7,610
39. Water mains, hydrants and services	6,125	2,763	8,888	7,686	3,256	10,942	8,305	3,251	11,556
40. Sewage systems and connections	8,755	502	9,257	11,711	1,223	12,934	8,338	765	9,103
41. Pumping stations, water	2,571	137	2,708	1,179	156	1,335	392	122	514
42. Water storage tanks	479	130	609	605	137	742	1,767	140	1,907
Dams and irrigation	5,648	1,910	7,558	7,024	1,941	8,965	7,509	2,064	9,573
43. Dams and reservoirs	1,638	322	1,960	1,748	323	2,071	1,821	347	2,168
44. Irrigation and land reclamation projects	4,010	1,588	5,598	5,276	1,618	6,894	5,688	1,717	7,405
Electric power construction	20,455	4,210	24,665	17,445	3,557	21,002	23,870	4,756	28,626
45. Electric power generating plants, including water conveying and controlling structures	3,908	408	4,316	2,331	482	2,813	5,112	422	5,534
46. Electric transformer stations	1,831	411	2,242	2,720	651	3,371	2,195	517	2,712
47. Power transmission and distribution lines, trolley wires	12,294	2,629	14,923	9,817	1,737	11,554	13,659	3,050	16,709
48. Street lighting	2,422	762	3,184	2,577	687	3,264	2,904	767	3,671
Railway, telephone and telegraph	30,055	14,824	44,879	37,159	15,962	53,121	56,577	20,231	76,808
49. Railway tracks and roadbed	13,330	10,908	24,238	22,110	11,428	33,538	37,503	14,958	52,461
50. Signals and interlockers	350	733	1,083	1,087	890	1,977	1,181	1,186	2,367
51. Telegraph and telephone lines, underground and marine cables	16,375	3,183	19,558	13,962	3,644	17,606	17,893	4,087	21,980
Gas and oil facilities	321,110	23,160	344,270	322,240	24,616	346,856	309,756	25,739	335,495
52. Gas mains and services	3,136	954	4,090	6,020	933	6,953	5,986	1,096	7,082
53. Pumping stations, oil	525	119	644	2,551	549	3,100	3,332	596	3,928
54. Pumping stations, gas	923	62	985	6,063	81	6,144	5,969	121	6,090
55. Oil storage tanks	1,140	302	1,442	349	378	727	1,256	461	1,717
56. Gas storage tanks	611	10	621	—	—	—	—	—	—
57. Oil pipe lines	25,803	394	26,197	56,197	792	56,989	21,028	687	21,715
58. Gas pipe lines	27,187	400	27,587	4,080	393	4,473	1,676	412	2,088
59. Oil wells	174,376	8,807	183,183	168,522	9,386	177,908	155,938	8,715	164,653
60. Gas wells	53,782	2,820	56,602	56,376	3,823	60,199	77,671	5,310	82,981
61. Oil refinery – Processing units ³	3,390	2,961	6,351	725	3,140	3,865	2,020	3,008	5,028
62. Natural gas cleaning plants	30,237	6,331	36,568	21,357	5,141	26,498	34,880	5,333	40,213
Other engineering construction	65,064	7,150	72,214	124,399	8,625	133,024	88,094	10,206	98,300
63. Bridges, trestles, culverts, overpasses, viaducts	10,910	4,401	15,311	15,825	4,490	20,315	29,822	5,506	35,328
64. Tunnels and subways	145	—	145	132	—	132	137	—	137
65. Incinerators	26	—	26	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc.	552	379	931	761	826	1,587	1,022	914	1,936
67. Swimming pools, tennis courts, outdoor recreation facilities	80	64	144	73	64	137	75	69	144
68. Mine shafts and other below surface workings	331	40	371	131	2	133	107	—	107
69. Fences, snowsheds, signs, guard rails	4,433	1,467	5,900	4,865	1,517	6,382	5,028	1,631	6,659
70. Other engineering construction	48,587	799	49,386	102,612	1,726	104,338	51,903	2,086	53,989

¹ Actual 1965, Preliminary 1966, Intentions 1967.

² See footnote 2, Table 3.

³ Item 61 "Oil refinery – Processing units" includes related structures employed in production of petrochemicals.

TABLE 27. Total Value of Construction Work Performed — New and Repair by Type of Structure — British Columbia, 1965-67^{1,2,3,4,5}

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction	1,077,474	191,013	1,268,487	1,213,005	203,242	1,416,247	1,294,044	216,948	1,510,992
Total building construction	576,012	122,232	698,244	638,118	125,814	763,932	627,549	134,009	761,558
Residential	276,400	73,000	349,400	294,900	78,100	373,000	293,400	82,700	376,100
Industrial	96,777	16,706	113,483	106,753	14,947	121,700	66,806	15,899	82,705
2. Factories, plants, workshops, food canneries	82,897	14,433	97,330	87,316	12,596	99,912	52,772	12,883	65,655
3. Mine and mine mill buildings	12,041	479	12,520	16,170	352	16,522	11,185	339	11,524
4. Railway stations, offices, roadway buildings	1,470	1,260	2,730	1,786	1,328	3,114	1,869	1,778	3,647
5. Railway shops, engine houses, water and fuel stations	369	534	903	1,481	671	2,152	980	899	1,879
Commercial	88,171	12,782	100,953	100,149	15,030	115,179	130,990	16,463	147,453
6. Warehouses, storehouses, refrigerated storage, etc.	11,521	1,797	13,318	15,572	1,471	17,043	12,147	1,598	13,745
7. Grain elevators	151	158	309	4,345	479	4,824	19,128	506	19,634
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	11,668	2,081	13,749	8,415	2,033	10,448	12,154	2,073	14,227
9. Office buildings	25,566	3,150	28,716	26,740	5,532	32,272	34,198	6,304	40,502
10. Stores, retail and wholesale	18,606	3,443	22,049	24,304	3,260	27,564	24,450	3,487	27,937
11. Garages and service stations	4,958	1,041	5,999	4,221	959	5,180	10,600	1,110	11,710
12. Theatres, arenas, amusement and recreational buildings	15,458	998	16,456	16,476	1,182	17,658	17,775	1,241	19,016
13. Laundries and dry cleaning establishments	243	114	357	76	114	190	538	144	682
Institutional	87,873	10,213	98,086	111,362	11,076	122,438	111,190	12,093	123,283
14. Schools and other educational buildings	59,699	3,835	63,534	82,093	5,541	87,634	59,884	6,123	66,007
15. Churches and other religious buildings	3,040	1,125	4,165	2,962	169	3,131	1,633	196	1,829
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	10,969	2,217	13,186	16,438	4,138	20,576	37,573	4,477	42,050
17. Other institutional buildings	14,165	3,036	17,201	9,869	1,226	11,097	12,100	1,297	13,397
Other building construction	26,791	9,531	36,322	24,954	6,661	31,615	25,163	6,854	32,017
18. Farm buildings (excluding dwellings)	6,348	1,510	7,858	6,135	1,465	7,600	6,546	1,539	8,085
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	3,928	559	4,487	4,806	578	5,384	3,883	614	4,497
20. Aeroplane hangars	40	258	298	274	779	1,053	1,442	806	2,248
21. Passenger terminals, bus, boat or air	2,615	29	2,644	3,148	9	3,157	4,230	9	4,239
22. Armouries, barracks, drill halls, etc.	472	1,595	2,067	571	1,620	2,191	754	1,756	2,510
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	6,423	1,710	8,133	7,765	1,381	9,146	7,210	1,225	8,435
24. Other building construction	6,965	3,870	10,835	2,255	829	3,084	1,098	905	2,003
Total engineering construction	501,462	68,781	570,243	574,887	77,428	652,315	666,495	82,939	749,434
Marine construction	13,179	4,889	18,068	18,506	7,180	25,686	17,437	6,940	24,377
25. Docks, wharves, piers, breakwaters	9,491	2,668	12,159	12,680	5,383	18,063	9,282	5,072	14,354
26. Retaining walls, embankments, ripraping	181	36	217	311	28	339	1,271	57	1,328
27. Canals and waterways	106	90	196	149	108	257	198	84	282
28. Dredging and pile driving	1,306	1,244	2,550	2,930	1,276	4,206	3,991	1,440	5,431
29. Dyke construction	55	31	86	64	6	70	85	10	95
30. Logging booms	308	660	968	428	249	677	304	136	440
31. Other marine construction	1,732	160	1,892	1,944	130	2,074	2,306	141	2,447

See footnotes at end of table.

TABLE 27. Total Value of Construction Work Performed - New and Repair by Type of Structure - British Columbia, 1965-67^{1,2,3,4,5} - Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction	124,826	24,731	149,557	126,871	27,179	154,050	129,253	28,068	157,321
32. Hard surfaced or paved streets, highways, parking lots, etc.	29,320	3,813	33,133	33,351	4,061	37,412	30,309	4,484	34,793
33. Gravel or stone streets, highways, roads, parking lots, etc.	65,763	13,932	79,695	32,608	8,077	40,685	32,685	8,261	40,946
34. Dirt, clay or other streets, roads, parking lots, etc.	22,175	6,399	28,574	37,169	9,936	47,105	38,422	10,020	48,442
35. Grading, scraping, oiling, filling	1,176	106	1,282	16,933	4,870	21,803	19,218	5,048	24,266
36. Sidewalks, paths	1,795	409	2,204	1,263	158	1,421	1,290	176	1,466
37. Aerodromes, landing fields, runways, tarmac	4,597	72	4,669	5,547	77	5,624	7,329	79	7,408
Waterworks and sewage systems	41,884	4,550	46,434	33,802	5,850	39,652	25,893	4,851	30,744
38. Tile drains, drainage ditches, storm sewers	1,734	217	1,951	1,137	184	1,321	1,482	197	1,679
39. Water mains, hydrants and services	15,567	2,828	18,395	14,223	2,970	17,193	12,176	3,186	15,362
40. Sewage systems and connections	22,467	1,119	23,586	16,719	2,456	19,175	10,872	1,259	12,131
41. Pumping stations, water	1,387	205	1,592	1,311	181	1,492	458	155	613
42. Water storage tanks	729	181	910	412	59	471	905	54	959
Dams and irrigation	107,619	317	107,936	118,718	633	119,351	152,340	569	152,909
43. Dams and reservoirs	106,891	122	107,013	117,951	442	118,393	151,484	370	151,854
44. Irrigation and land reclamation projects	728	195	923	767	191	958	856	199	1,055
Electric power construction	77,537	6,242	83,779	139,678	7,205	146,883	147,382	7,539	154,921
45. Electric power generating plants, including water conveying and controlling structures	18,174	2,105	20,279	68,879	2,564	71,443	42,063	2,630	44,693
46. Electric transformer stations	1,487	342	1,829	881	83	964	427	103	530
47. Power transmission and distribution lines, trolley wires	55,766	3,629	59,395	68,031	4,395	72,426	103,186	4,445	107,631
48. Street lighting	2,110	166	2,276	1,887	163	2,050	1,706	361	2,067
Railway, telephone and telegraph	39,196	17,286	56,482	37,810	18,042	55,852	40,226	22,378	62,604
49. Railway tracks and roadbed	24,853	11,719	36,572	20,640	12,985	33,625	19,398	16,861	36,259
50. Signals and interlockers	1,407	766	2,173	1,470	937	2,407	2,198	1,247	3,445
51. Telegraph and telephone lines, underground and marine cables	12,936	4,801	17,737	15,700	4,120	19,820	18,630	4,270	22,900
Gas and oil facilities	61,969	4,459	66,428	53,806	5,115	58,921	76,339	5,606	81,945
52. Gas mains and services	4,922	454	5,376	5,464	543	6,007	5,151	581	5,732
53. Pumping stations, oil	145	135	280	1,898	185	2,083	639	183	822
54. Pumping stations, gas	43	27	70	265	2	267	180	2	182
55. Oil storage tanks	773	366	1,139	1,434	435	1,869	1,624	461	2,085
56. Gas storage tanks	659	23	682	3,727	12	3,739	73	14	87
57. Oil pipe lines	660	332	992	1,546	187	1,733	998	158	1,154
58. Gas pipe lines ³	-	-	-	-	-	-	-	-	-
59. Oil wells	39,438	964	40,402	27,157	1,115	28,272	38,756	958	39,714
60. Gas wells	6,556	121	6,677	7,855	148	8,003	4,697	62	4,759
61. Oil refinery - Processing units ⁴	1,683	1,935	3,618	4,340	2,359	6,699	11,170	3,047	14,217
62. Natural gas cleaning plants	7,090	102	7,192	120	129	249	13,053	140	13,193
Other engineering construction	35,252	6,307	41,559	45,696	6,224	51,920	77,625	6,988	84,613
63. Bridges, trestles, culverts, overpasses, viaducts	16,155	3,817	19,972	23,651	4,337	27,988	22,175	4,842	27,017
64. Tunnels and subways	560	1	561	947	4	951	850	4	854
65. Incinerators	53	5	58	12	7	19	63	20	83
66. Park systems, landscaping, sodding, etc.	659	195	854	1,263	437	1,700	1,115	469	1,584
67. Swimming pools, tennis courts, outdoor recreation facilities ...	212	187	399	754	188	942	240	214	454
68. Mine shafts and other below surface workings	6,258	384	6,842	7,722	96	7,818	8,791	81	8,872
69. Fences, snowsheds, signs, guard rails	1,429	1,086	2,515	1,141	511	1,652	1,250	600	1,850
70. Other engineering construction	9,926	632	10,558	10,206	644	10,850	43,141	758	43,899

¹ Actual 1965, preliminary 1966, intentions 1967.

² See footnote 2, Table 3.

³ Included in "Other engineering".

⁴ Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

⁵ Includes Northwest Territories and Yukon.

STATISTICAL NOTES

Sources

The statistics presented in this report are based largely on information received from organizations and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys:

(a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises and

(b) the construction survey of government departments which provided much of the remainder.

In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees.

Coverage and Reliability of Estimates

Of the total value of construction shown, about 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1967".

The figures on value of work in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In Manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1964 of all the firms in each industry by the corresponding 1964 total for the firms reporting in the 1967 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1964 and 1967 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the Utilities, Trade Finance and Institutional and Commercial Services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for about 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for type of structure, individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1966 preliminary actual figures and the 1967 forecast figures were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1966 to 1967 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government. For 1965 and 1966, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1967 were made by field representatives of the Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 10,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 10,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1967.

The data on the 1967 construction expenditures are aggregates of the expectations of individual respondents and are therefore subject to fluctuations caused by a number of internal and external factors: such as weather conditions, strikes, availability of credit, availability of skilled trades and material resources, government action and other such factors

Labour and Material Content

The 1965 Survey of Contractors and Sub-Contractors provides the basic data for deriving ratios of labour and material content. The estimates of labour and materials are derived by applying the ratios of these items to the total value of work performed. The ratios used to breakdown the own-account portion are derived from the Capital Expenditures Survey. The estimation of the withdrawals of owners and partners is derived from "Taxation Statistics" published by the Department of National Revenue.

To obtain the number of employees the average annual earnings of contractors and sub-contractors

excluding the "withdrawals" were obtained from the results of the 1963 Contractors Survey. These figures were inflated to allow for salary and wage increases, and were subsequently divided into the estimated total of salaries and wages for 1965, 1966, and 1967.

The Labour Series as published in "Construction in Canada" is intended to reflect the labour content in terms of equivalent man years of a specific volume of construction. It is an estimate of the total number of persons, employers, own-account, and paid workers engaged in Construction activity.

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