

DEPARTMENT OF TRADE AND COMMERCE

Private and Public Investment
in Canada
Outlook 1949

Presented to Parliament by
The Right Honourable C. D. Howe, M.P.,
Minister of Trade and Commerce



CANADA

61-205
1949
C. 3

OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.P.L.
KING'S PRINTER AND CONTROLLER OF STATIONERY
1949



PREFACE

This is a report of the expenditures expected to be made on new construction, machinery and equipment, and also on repairs and maintenance of structures and equipment in Canada in 1949. The intentions reported by some 15,000 business establishments of all kinds, from mines to manufacturing plants, utilities and retail stores; the capital programmes of institutions and of governments; and estimates covering capital expenditures in agriculture, private housing and other smaller groups are included.

It is not necessary to stress the national, economic and individual business interest in information on capital investment intentions. Domestic capital expansion is one of the two major stimuli of the whole Canadian economy, export trade being the other. It is particularly significant perhaps, because in making plans for new capital investment, management must look beyond the prospects of the current year. In this connection some of the shifts between the major types of new investment planned for 1949 are of interest.

The grand total of capital expenditures in Canada by industry, institutions, governments and individual farmers and house builders for 1949 is forecast at \$3.3 billion, 8 per cent more than the programme of slightly over \$3.0 billion achieved in 1948. In terms of physical volume, after allowing for higher prices, this would probably involve a very slight increase over investment in the previous year. Thus the programme, if realized, will become the largest on record. Considered in real terms, construction will be higher by about 6 per cent and machinery and equipment lower by about 6 per cent.

The projected outlay on capital goods will comprise close to 20 per cent of the total production of goods and services in Canada. This is about equal to the corresponding proportion for 1948 but is higher than in most years. Thus the inflationary influences that have arisen in recent years as a result of the expansion of investment requirements, should tend to subside during 1949. At the same time the unusually high level of capital investment indicated will act as an important sustaining influence in the economy.

In addition to outlay for new investment, there are repair and maintenance expenditures expected of approximately \$1.5 billion representing an increase of 4 per cent over 1948 dollar outlay. While repair and maintenance expenditures are properly considered as current and not capital charges, statistics covering this type of outlay are given because of their similarity in some respects to capital expenditures and also because they draw on virtually the same pool of labour and materials.

A further shift in the composition of the new investment programme somewhat similar to that in evidence in the previous year is suggested by the 1949 expenditure intentions. These indicate that capital outlays will be substantially greater for institutions and some utilities groups, moderately higher for housing and agriculture, roughly unchanged for commercial undertakings and mining and lower for manufacturing, forestry and the construction industry. Capital expenditures made directly by dominion, provincial and municipal governments are expected to be moderately higher in 1949.

The degree of firmness to be expected in the forecast is of general interest and basic importance. Actual realization of the estimates made by business enterprise for 1946 turned out to be only 75 per cent, due apparently to failure to make adequate allowances for labour and material shortages. In 1947 shortages remained acute and were still present in 1948. In these two years, however, realization of the intentions, for business groups covered in the surveys, was in value terms close to 100 per cent.

With respect to likely realization of intentions in 1949, physical limitations to the achievement of the investment programme should be of lesser importance. Another report, just released, *Supply of Building Materials in Canada, Outlook 1949*, indicates that an increasing number of materials are expected to be in adequate supply. Of special importance is the growing evidence of some relaxation in the hitherto acute shortage of steel. With the construction programme showing but a moderate increase in physical terms the supply of labour, both skilled and unskilled, should be generally more adequate. Furthermore, the general business outlook does not suggest the likelihood of any widespread cancellation of intentions. These considerations suggest that it is reasonable to expect full realization of the investment programme contemplated. In fact, with evidence of a considerable backlog of projects still in existence and with increased availability of supplies in prospect, it is possible that larger programmes may be achieved in some economic sectors than anticipated. An important qualification is the maintenance of industrial peace and of an uninterrupted flow of necessary materials.

Although these considerations suggest that the investment programme, as stated, will be fully realized and possibly surpassed, it is nevertheless probable that less firmness should be attached to the present forecast than in any previous post-war year. For the first time since the war a decline in the physical volume of investment in the business sector of the economy is indicated. Backlogs of investment requirements though still in existence have been narrowed to fewer fields. This means that labour and materials would not be so readily absorbed elsewhere in instances where projects are postponed or cancelled. Under these circumstances the investment programme, particularly in some business segments, appears more vulnerable than has been the case in recent years when the major uncertainties related almost entirely to questions of supply.

Statistical material in this report is presented in accordance with the new standard industrial classification which provides greater detail than the earlier reports on investment. It must be kept in mind, however, that the margin of error is likely to be considerably greater in detailed figures than in overall totals.

Most of the factual information in this report covering business enterprises was obtained from questionnaires circulated by the Dominion Bureau of Statistics, who also assisted in the assembling of the data gathered. Expenditure estimates by governments were obtained from Federal, provincial and municipal departments and agencies. The report was prepared by Mr. V. J. Macklin, and Mr. M. J. Mahoney, of the Economic Research and Development Branch of the Department of Trade and Commerce.

ALEX SKELTON,
Assistant Deputy Minister,
Department of Trade and Commerce.

OTTAWA,
February, 1949.

CONTENTS

	PAGE
PREFACE.....	1
LIST OF TABLES.....	4
SECTION I.—THE INVESTMENT OUTLOOK FOR 1949.....	5
Forecast of capital expenditures 1949: magnitude of the investment program; private and public investment; business and other investment; dominion, provincial and municipal investment—Factors affecting the realization of the forecast—Economic significance of the forecast—Repair and maintenance expenditures—Capital, repair and maintenance expenditures—Capital, repair and maintenance expenditures, by regions and greater cities.	
SECTION II.—DETAILED TABLES.....	17
Capital, repair and maintenance expenditures, revised estimate for 1947, preliminary actual for 1948, forecast 1949.	
APPENDIX—DEFINITIONS, COVERAGE AND QUALITY OF ESTIMATES.....	45

LIST OF TABLES

	PAGE
SECTION I.—SUMMARY TABLES OF CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, 1947 TO 1949	
Table 1. Private and Public, Canada.....	7
Table 2. Business and Other, Canada.....	8
Table 3. Governments, Canada.....	9
Table 4. Regions, Covering Only Selected Groups.....	14
Table 5. Ten Greater Cities, Covering Only Manufacturing.....	15
 SECTION II.—DETAILED TABLES OF CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, 1947 TO 1949	
CANADA ESTIMATES	
Table I. Industrial Groups.....	19
Table II. Manufacturing.....	20
Table III. Transportation, Storage and Communication.....	21
Table IV. Trade and Finance.....	22
Table V. Services.....	23
 REGIONAL ESTIMATES: SELECTED GROUPS ONLY	
Table VI. Maritime Provinces.....	24
Table VII. Quebec.....	26
Table VIII. Ontario.....	28
Table IX. Prairie Provinces.....	30
Table X. British Columbia.....	32
 CITY ESTIMATES: MANUFACTURING ONLY	
Table XI. Halifax.....	34
Table XII. Saint John.....	35
Table XIII. Quebec.....	36
Table XIV. Montreal.....	37
Table XV. Ottawa.....	38
Table XVI. Toronto.....	39
Table XVII. Hamilton.....	40
Table XVIII. Windsor.....	41
Table XIX. Winnipeg.....	42
Table XX. Vancouver.....	43
 INVESTMENT LEVELS IN CANADA IN RECENT YEARS, 1945 TO 1948	
Table XXI.....	44
 APPENDIX.	
Table XXII. Coverage of 1948-49 Survey.....	46
Table XXIII. Comparison of 1948 Forecast with 1948 Realization.....	50

SECTION I.—THE INVESTMENT OUTLOOK FOR 1949

FORECAST OF CAPITAL EXPENDITURE 1949

Magnitude of the Investment Programme (Summary Tables 1 and 2, Columns 1 to 3). During 1948 outlay on new capital goods in Canada amounted to \$3·0 billion. Actual investment realized during the year, in aggregate, was therefore roughly equal to that estimated at mid-year and somewhat above the \$2·8 billion forecast at the beginning of 1948 on the basis of the survey of investment intentions. This value of investment compares with an outlay of \$2·4 billion in 1947, \$1·6 billion in 1946, \$1·1 billion in 1945 and an annual average of about \$0·7 billion for the period 1935 to 1939.⁽¹⁾ After adjustment for price change the volume of investment in 1948 exceeded that of the previous year by about 10 per cent and stands out as the largest annual investment programme to date. The achievement of this volume of investment means that about 20 per cent of total national expenditures for goods and services was devoted to the construction of new facilities including housing or to the purchase of new machinery and equipment for productive purposes. The corresponding proportion of Gross National Product comprised of capital good purchases amounted to 18 per cent in 1947, 14 per cent in 1939 and 22 per cent in 1929.

Present evidence points to a levelling off in the trend of capital investment for 1949. It is anticipated that the investment programme for 1949 will approximate \$3·3 billion representing capital expenditures by business enterprise (including agriculture), institutions and governments as well as outlays for housing. This estimate is based upon reported investment intentions where these can be obtained and upon independent estimates for other groups not covered by the direct survey method. (See appendix, page 46.) The estimated \$3·3 billion outlay, if realized, would involve an increase of about 8 per cent over that spent in 1948. Prices of investment goods may be in the neighbourhood of 7 per cent higher on the average in 1949 than in 1948. Therefore, on the basis of present expenditure plans, the physical volume of investment in 1949 will exceed very slightly the level of the previous year.

However, there is some variation in trend between the two principal types of investment expenditure. Anticipated dollar outlay for construction amounting to \$2·0 billion is 12 per cent above actual expenditure in 1948. With construction prices likely to be about 6 per cent higher in 1949, this would leave the volume of construction roughly 6 per cent greater in the coming year. Purchases of \$1·3 billions worth of new machinery and equipment are planned in 1949 which represents an increase of 2 per cent over corresponding dollar outlay in 1948. After allowance for a price rise between the two years of about 8 per cent a moderate reduction in the actual volume of machinery and equipment purchases in 1949 is indicated.

Some indication of the composition of the overall investment programme, according to expenditures made in different sectors of the economy, together with comparative estimates for 1947 and 1948, is shown in Summary Tables 1 to 3. More detailed information is provided in Section II.

⁽¹⁾ For information on investment outlays in the period 1945 to 1948 see Table XXI, page 44.

Private and Public⁽²⁾ *Investment* (Summary Table 1, Columns 1 to 3). Higher expenditures in the public sector of the economy account for the greater part of the increase in the 1949 investment programme. Outlays by governments and by government-owned businesses or other agencies are expected to increase by \$161 million, or 21 per cent, in 1949. As in the previous year the greater part of this increase appears in outlays by government-owned utilities and for institutions and housing. Private investment, covering expenditures related to privately-owned businesses, institutions and housing, is expected to be 3 per cent higher in dollar terms than in the previous year. While public investment has been increasing at a more rapid rate than private outlays during the last two years, it may be noted that the present volume of public outlay relative to private does not exceed pre-war proportions. On the basis of present expectations public investment in 1949 will constitute 28 per cent of the total programme, the same ratio having applied in 1939.

Business and "Other" Investment (Summary Table 2, Columns 1 to 3). Also of interest is the variation in trend between business investment (including all enterprises and agencies whose revenues are derived mainly by the sale of goods or services) and all other investment (including primarily outlays made directly by governments as well as expenditures for publicly supported institutions and for housing). Outlays by the business group are expected to increase roughly 2 per cent in 1949. Thus a downturn in business investment, in physical volume terms, is indicated. Anticipated expenditures for the remaining groups show an increase of 16 per cent in dollar terms.

Investment trends among the main functional sectors in the economy, indicated for 1949, follow a pattern very similar to that already established in the previous year. As in 1948, the most substantial increases are indicated for institutions (56 per cent) and for utilities (16 per cent). Moreover, with respect to those industry groups that showed a tendency to level off in 1948, generally reduced investment outlays are indicated for 1949. This applies to the manufacturing, logging and construction industries. Capital outlays by trade and commercial establishments, which increased moderately from 1947 to 1948, will, according to the survey, be about the same this coming year. Mining also shows little change. The upward trend of capital investment in agriculture is expected to continue during 1949 though at a slower rate of increase. With a larger government housing programme (including military) planned for 1949, it is anticipated that outlays for residential construction will be about 9 per cent greater this year.

Public Investment—Dominion, Provincial and Municipal (Summary Table 3, Columns 1 to 3). Capital investment expenditures by governments, including publicly-owned enterprises show increases of 37 per cent, 13 per cent and 14 per cent for the Dominion Government, provinces, and municipalities respectively. These prospective increases are, for the most part, due to the expenditure plans of government-owned enterprises and to enlarged programmes for institutions, namely schools and hospitals, and for housing. However, new investment expenditures made directly by the Dominion Government should also be well

⁽²⁾ Development and conservation of natural resources is a form of investment. Yet, to a large extent it takes the form of regularly recurring services, including such activities as forest conservation, operation of fish hatcheries and of national parks, various scientific research operations, etc., that do not involve outlay on physical durable assets in the same sense as the new investment expenditures covered in this report. Consequently, except where expenditures for new construction or new machinery and equipment are concerned, resource development and conservation outlay have been excluded from the public investment figures shown in this report. Development and conservation expenditures on natural resources, other than for new construction or new machinery and equipment which are included in the tabulations, amounted to \$22 and \$39 millions for 1947 and 1948 respectively and are forecast at \$52 millions for 1949.

SUMMARY TABLE 1.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES,
PRIVATE AND PUBLIC, CANADA, 1947 TO 1949*
(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	PRIVATE— Business Enterprises.....	1947	464	902	1,366	233	507	740	697	1,409	2,106
		1948	535	1,070	1,605	253	617	870	788	1,687	2,475
		1949	543	1,039	1,582	260	641	901	803	1,680	2,483
2	Institutions and Housing.....	1947	535	6	541	139	2	141	674	8	682
		1948	671	9	680	168	4	172	839	13	852
		1949	762	15	777	175	3	178	937	18	955
3	Sub-total (Items 1 and 2).....	1947	999	908	1,907	372	509	881	1,371	1,417	2,788
		1948	1,206	1,079	2,285	421	621	1,042	1,627	1,700	3,327
		1949	1,365	1,054	2,359	435	644	1,079	1,740	1,698	3,438
4	PUBLIC— Government Owned Enterprises†.....	1947	57	93	150	74	75	139	131	168	299
		1948	118	137	255	81	93	174	199	230	429
		1949	153	169	322	80	102	182	233	271	504
5	Government Operated Institutions and Housing‡.....	1947	67	5	72	15	2	17	82	7	89
		1948	123	7	130	24	2	26	147	9	156
		1949	157	7	164	30	3	33	187	10	197
6	Direct Government.....	1947	253	37	290	116	29	145	369	66	435
		1948	325	50	375	135	30	165	460	80	540
		1949	371	64	435	140	36	176	511	100	611
7	Sub-total (Items 4 to 6).....	1947	377	135	512	205	106	311	582	241	823
		1948	566	194	760	240	125	365	806	319	1,125
		1949	681	240	921	250	141	391	931	381	1,312
8	Total Private and Public (Items 3 and 7).....	1947	1,376	1,043	2,419	577	615	1,192	1,953	1,658	3,611
		1948	1,772	1,273	3,045	661	746	1,407	2,433	2,019	4,452
		1949	1,986	1,294	3,280	685	785	1,470	2,671	2,079	4,750

*Revised estimate for 1947, preliminary actual for 1948, forecast for 1949 (see Appendix).

†This covers, in general, government owned establishments whose principal sources of funds are from the provision or sale of goods or services to the public. Municipal hospitals are included in this group.

‡This includes only government housing, provincial hospitals and municipal schools.

above those of the previous year due, in part, to new defence construction projects and larger purchases of military equipment. On the other hand, capital outlays made directly by provincial governments are expected to remain about the same as in 1948, while estimates for municipal governments show a moderate 8 per cent rise. It is of interest to note, however, that in 1948 capital expenditures realized by dominion, provincial and municipal governments considerably exceeded those forecast. Shortages proved less of a hindrance to government construction projects during the past year than in the two years previous and present indications suggest a further increase in supplies during the coming year. At the same time, having regard to the extensive private investment plans and to increasing defence requirements, it would appear to be in the interest of long run stability if the non-military government programmes during 1949 were held to moderate proportions.

FACTORS AFFECTING THE REALIZATION OF THE FORECAST

There are two sets of conditions to be considered in appraising the likely realization of the intended investment programme. One relates to physical limitations which are of particular importance in a period when labour and other productive facilities are generally inadequate to meet the volume of demands made upon them. The second consideration concerns possible changes in the original intentions arising out of changing economic conditions.

The first question to be dealt with is whether the supplies of home-produced materials, of imports and of labour are likely to be adequate for the physical requirements of the programme. This problem may best be considered with respect to the two principal types of investment expenditures, namely construction and machinery and equipment.

SUMMARY TABLE 2.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES,
BUSINESS AND OTHER, CANADA, 1947 TO 1949*
(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
BUSINESS (including Government Owned Corporations)											
1	Primary Industries† and Construction Industry.....	1947	78	317	395	42	135	177	120	452	572
		1948	108	398	506	44	175	219	152	573	725
		1949	111	401	515	44	102	236	155	596	751
2	Manufacturing.....	1947	183	356	539	62	214	276	245	570	815
		1948	174	390	564	63	245	308	237	635	872
		1949	162	360	522	61	247	308	223	607	830
3	Utilities‡.....	1947	147	232	379	154	186	340	301	418	719
		1948	221	304	525	177	235	412	308	539	937
		1949	265	342	607	182	248	430	447	590	1,037
4	Trade, Finance and Commercial Services.....	1947	113	90	203	49	47	96	162	137	299
		1948	150	115	265	50	55	105	200	170	370
		1949	158	102	260	53	56	109	211	158	369
5	Sub-total (Items 1 to 4).....	1947	521	995	1,516	307	582	889	828	1,577	2,405
		1948	653	1,207	1,860	334	710	1,044	987	1,917	2,904
		1949	696	1,208	1,904	340	743	1,083	1,036	1,851	2,957
OTHER—											
6	Institutions††.....	1947	69	11	80	17	4	21	86	15	101
		1948	112	16	128	23	6	29	135	22	157
		1949	178	22	200	23	6	29	201	28	229
7	Housing.....	1947	533	.....	533	137	.....	137	670	.....	670
		1948	682	.....	682	169	.....	169	851	.....	851
		1949	741	.....	741	182	.....	182	923	.....	923
8	Direct Government.....	1947	253	37	290	116	29	145	369	66	435
		1948	325	50	375	135	30	165	460	80	540
		1949	371	64	435	140	36	176	511	100	611
9	Sub-total (Items 6 to 8).....	1947	855	48	903	270	33	303	1,125	81	1,206
		1948	1,119	66	1,185	327	36	363	1,446	102	1,548
		1949	1,290	86	1,376	345	42	387	1,635	128	1,763
10	Total (Items 5 and 9).....	1947	1,376	1,043	2,419	577	615	1,192	1,953	1,658	3,611
		1948	1,772	1,273	3,045	661	746	1,407	2,433	2,019	4,452
		1949	1,986	1,294	3,280	685	785	1,470	2,671	2,079	4,750

* Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

† Includes agriculture, fishing, trapping, forestry, mining, quarrying and oil wells.

‡ Includes transportation, storage and communication; central electric stations and gas works.

†† Includes churches, hospitals, schools and universities.

SUMMARY TABLE 3.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, BY GOVERNMENTS, CANADA, 1947 TO 1949*

(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
X	DOMINION GOVERNMENT—										
1	Government Owned Enterprises†	1947	20	35	55	61	64	125	81	99	180
		1948	34	58	92	65	83	148	99	141	240
		1949	43	71	114	66	89	155	109	160	269
2	Government Operated Institutions and Housing‡	1947	33	.....	33	8	.....	8	41	.....	41
		1948	68	.....	68	17	.....	17	85	.....	85
		1949	88	.....	88	22	.....	22	110	.....	110
3	Direct Government	1947	41	12	53	9	20	29	50	32	62
		1948	71	20	91	6	17	23	77	37	114
		1949	108	35	143	8	23	31	116	58	174
4	Sub-total (Items 1 to 3)	1947	94	47	141	78	94	162	172	131	303
		1948	173	78	251	88	100	188	261	178	439
		1949	239	106	345	96	112	208	335	218	553
	PROVINCIAL GOVERNMENTS—										
5	Government Owned Enterprises†	1947	30	42	72	8	3	11	38	45	83
		1948	67	63	130	9	3	12	76	66	142
		1949	85	82	167	7	6	13	92	88	180
6	Government Operated Institutions and Housing‡	1947	4	1	5	1	1	2	5	2	7
		1948	5	1	6	1	1	2	6	2	8
		1949	7	1	8	1	2	3	8	3	11
7	Direct Government	1947	134	13	147	54	5	59	188	18	206
		1948	143	13	156	60	7	67	203	20	223
		1949	141	13	154	61	7	68	202	20	222
8	Sub-total (Items 5 to 7)	1947	168	56	224	63	9	72	231	65	296
		1948	215	77	292	70	11	81	285	88	373
		1949	233	96	329	69	15	84	302	111	413
X	MUNICIPAL GOVERNMENTS—										
9	Government Owned Enterprises†	1947	7	16	23	5	8	13	12	24	36
		1948	17	16	33	7	7	14	24	23	47
		1949	25	16	41	7	7	14	32	23	55
10	Government Operated Institutions and Housing‡	1947	30	4	34	6	1	7	36	5	41
		1948	50	6	56	6	1	7	56	7	63
		1949	62	6	68	7	1	8	69	7	76
11	Direct Government	1947	78	12	90	53	4	57	131	16	147
		1948	111	17	128	69	6	75	180	23	203
		1949	122	16	138	71	6	77	193	22	215
12	Sub-total (Items 9 to 11)	1947	115	32	147	64	13	77	179	45	224
		1948	178	39	217	82	14	96	260	53	313
		1949	209	38	247	85	14	99	294	52	346
13	Total (Items 4, 8 and 12)	1947	377	135	512	205	106	311	582	241	823
		1948	566	194	760	240	125	365	806	319	1,125
		1949	631	240	871	250	141	391	931	381	1,312

*Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

†These categories cover, in general, government owned establishments whose principal sources of funds are from the provision or sale of goods or services to the public. Municipal hospitals are included in this group.

‡These categories include only governments housing, provincial hospitals and municipal schools.

It has already been indicated that present investment plans provide for roughly a 6 per cent increase in the physical volume of new construction in 1949. On the other hand physical requirements for repair and maintenance construction are likely to be slightly lower. (See page 13.) This suggests that the total demand for construction materials and for labour may be increased by about 4 per cent.

Meanwhile, a survey dealing with the availability of basic and building materials in 1949 indicates that most building items are likely to be in more plentiful supply in the year ahead.⁽¹⁾ Of some thirty products considered it is expected that output in 1949 will be greater for twenty-one of these items, unchanged for another six, and lower for the remaining three. However, certain of the items for which unchanged or lower output is expected are already in adequate supply. Commodities that have been in acutely short supply in 1948, but for which noticeably improved production levels are expected, include cement, bath tubs, sinks, wash basins, soil pipe and fittings and cast iron radiators. In general the output levels foreseen appear to fit in fairly well with the anticipated shifts in the pattern of construction requirements. Nevertheless some items are expected to continue in short supply for a good part of 1949 at least. Most important of these are various iron and steel products, production of which remains inadequate because of the general shortage of primary iron and steel. Other items likely to remain short in 1949, notwithstanding production intentions, include cement and cement products, gypsum wallboard and lath, vitrified clay products and certain types of electrical wiring devices. With respect to lumber, production is now generally adequate to meet both foreign and domestic requirements. Therefore, the expectation of slightly reduced production this coming year does not presage a condition of domestic shortage.

Consequently, so far as the 1949 construction programme is concerned material shortages should act less as a deterrent to realization of investment plans than in the previous year even though supplies of some materials will remain inadequate.

With respect to the manpower problem, employment in the construction industry has increased by a considerable amount during 1948. The number of skilled workers is still being supplemented by the inflow of craftsmen from training schemes and also through immigration. Additional labour is also becoming available for construction projects as a result of some easing in the hitherto tight overall labour market. As a result it is expected that the required types of labour will, for the most part, be adequate for construction requirements in 1949. This, of course, does not preclude the occurrence of shortages of certain skills in some localities during the period of high seasonal activity.

With respect to investment in machinery and equipment the programme now envisaged involves a moderate reduction in the physical volume of purchases in 1949. Also outlays for repair and maintenance of machinery and equipment are expected to be slightly reduced in physical terms. Thus total physical requirements pertaining to this type of capital goods may be lower by about 5 per cent in 1949.

Achievement of the intended programme of investment in machinery and equipment depends largely upon the availability of primary iron and steel. It

⁽¹⁾ *Supply of Building Materials in Canada, Outlook 1949*, Department of Trade and Commerce, Ottawa, February 1949.

is anticipated that domestic output of this commodity will be a little greater than in 1948 providing anticipated production schedules are not subject to interruption through strikes. With increased production anticipated in the United States, the world supply position may be somewhat easier. Additional supplies, in relatively small amounts, may be obtained from overseas sources. On balance it would seem reasonable to allow for a moderate increase in the total supply of iron and steel available for use in Canada during 1949.

Therefore, in aggregate terms, a slightly larger supply of steel should be adequate to support the slightly lower volume of machinery and equipment purchases anticipated. It should be borne in mind, however, that the expenditure intentions as stated already take into account in some degree the existence of material and component shortages. Therefore, the anticipated expenditures shown probably underestimate the full amount of existing demand. Thus, in spite of an apparent decline in physical requirements for machinery and equipment during 1949, steel may very well remain in short supply. Strong competing demands from the export and durable consumer goods markets will contribute to this condition. On the other hand the total volume of unfilled demands for steel and steel products seems to be gradually diminishing. In such circumstances it would appear that in the case of machinery and equipment, as with construction, material shortages are likely to serve less as a deterrent to the realization of investment plans in 1949 than in the previous year. In both instances this assumes that the flow of supplies is not disrupted by prolonged strikes.

The second consideration affecting the realization of the new investment programme concerns the possibility of a change in intentions during the year. These intentions may be altered if the prospective conditions on which the investment budgets are based were to change materially. Such a condition would be most apt to occur as the result of a major alteration in the general economic outlook. In this connection the most substantial increases in the investment programme are indicated for those sectors of the economy, *e.g.* institutions and utilities, dependent upon relatively stable domestic demands. Even with respect to those portions of the programme more directly related to foreign markets, it is noteworthy that the intentions were submitted at the end of a year characterized by a moderate decline in exports to European and other overseas markets. Thus the intentions as stated probably take into account fairly adequately the difficulties to be encountered in world markets in 1949. Furthermore, since the beginning of the year the legislative and budgetary proposals made by the President of the United States to Congress have had a re-assuring effect, both with respect to the continuation of large-scale aid to needy countries and with respect to the stabilization of the United States' economy at a high level of activity. As a consequence no sudden deterioration in future market prospects seems likely during 1949. Also with prospects of more adequate labour and material supplies relative to requirements little further increase in investment costs need be anticipated. Adequate allowance for the effects of further price increases is probably already included in the investment intentions as stated.

The foregoing considerations would suggest that, both from the standpoint of physical capabilities and of prospective market conditions, the programme of

investment expenditures anticipated for 1949 should be fully realized. The experience of the past two years lends confirmation to this conclusion. In the face of acute shortages of both labour and materials, the 1947 forecast of investment expenditures for business enterprise as a whole was fully realized. In the following year supply difficulties, though less acute, were still of importance. Nevertheless aggregate intentions, as stated at the beginning of the year by the business sector of the economy, were again approximately 100 per cent achieved in terms of value. In both these years sharply rising investment costs acted as a deterrent to the realization of original plans. In 1949 some further increase in available supplies of materials and labour relative to stated requirements is indicated. At the same time there is evidence that a considerable backlog of work remains in some sectors of the economy. In these circumstances actual investment in some instances may proceed at a more rapid rate than anticipated.

On balance it seems reasonable to expect that actual investment during 1949 will achieve and may possibly exceed the \$3.3 billion level indicated in the survey of investment intentions.

ECONOMIC SIGNIFICANCE OF THE FORECAST

Expenditures for capital goods affect developments in the economy in two important ways. In the first place they are a means of improving productive capacity for future years. Secondly, the actual creation of capital goods has an important bearing on the current use of labour and other productive facilities and upon the level of activity generally.

The present survey points to roughly an unchanged rate of physical investment in 1949. Compared with 1948 a somewhat larger proportion of this outlay is to be directed toward the purchase of capital assets of the type found in housing, institutions, defence and certain other services which are not normally productive of revenue. Also a portion of the expenditures consists of replacement of capital assets. The remaining part of the programme constitutes a net addition to the productive facilities of the country. This, in turn, means a larger volume of output for future years. Also, in some instances where the expansion is associated with improved methods, more economical production should result. Such a development of productive capacity necessitates a continuous growth in the demands of consumers, of government, and of foreign buyers if the expanding production potential of the economy is to be fully utilized.

Turning to the immediate effects of the investment programme it is to be observed that in each succeeding year since the end of the war capital goods investment has absorbed an increasing proportion of Gross National Product. On the basis of the present survey this proportion, in 1949, will be about the same as in 1948. At the same time the overall demands made by the investment programme upon labour and other productive facilities may be somewhat greater than the aggregate size of the capital outlays would suggest. This results from the fact that an increasing proportion of investment requirements are being produced domestically instead of being imported. The effect of the dollar conservation programme, and in particular, Schedule III controls, has been to encourage the production of investment goods in Canada wherever this can be

accomplished on a competitive basis. Apart from special measures directed towards this end, the gradual improvement in material supplies in Canada brings a decreased reliance on imported products. In general, the trend toward greater dependence on domestic sources of supply for investment materials can be expected to continue during 1949.

Even with allowance made for this factor, the inflationary influences that have arisen in recent years as a result of the expansion, relatively, of investment requirements should tend to subside in 1949. Nevertheless the maintenance of real investment at the unusually high level achieved in 1948 will be an important sustaining influence in the economy throughout the coming year.

REPAIR AND MAINTENANCE EXPENDITURES

Repair and maintenance expenditures are of importance in any investment analysis for two reasons. Though to a less extent than is the case with new capital goods, repair and maintenance outlays are deferrable and hence are subject to considerable variation independent of the flow of production. Secondly repair and maintenance work generally involves the use of the same materials and the same types of labour as are required for the creation of new capital goods. As a consequence this type of outlay creates competing demands for materials and labour required for new investment.

Total repair and maintenance expenditures anticipated in 1949 by private and public sectors of the economy amount to \$1.5 billion involving about a 4 per cent increase over the corresponding outlay in 1948. (See Summary Tables 1 and 2—Columns 4 to 6). The increase is almost equally divided between construction and machinery and equipment. Also there is little variation in the trend between different sectors of the economy. The trends indicated vary from no change in manufacturing to an 8 per cent increase for the primary and construction industries group. After allowance is made for price increases an overall decline in the physical volume of repair and maintenance of about 3 per cent is indicated. Although a more substantial decline had been forecast for 1948, actual outlays turned out to be higher in real terms than in the previous year. Experience with the 1947 forecast was somewhat similar. This may have been due to a greater improvement in the supply situation than anticipated or possibly to a general tendency to underestimate this type of expenditure.

CAPITAL, REPAIR AND MAINTENANCE EXPENDITURE

Adding total anticipated repair and maintenance to total new investment outlay provides an aggregate expenditure of about \$4.8 billion compared with \$4.5 billion in 1948, an increase of 7 per cent. (See Summary Tables 1 and 2—Columns 7 to 9.) Of this total programme, outlay for construction, both new and repair, amounts to \$2.7 billion. This is 10 per cent above expenditure in 1948. After allowance is made for higher prices a physical volume increase of about 4 per cent is indicated. Therefore, the programme, if realized, will be the largest construction volume ever achieved in Canada's history. Anticipated expenditure for machinery and equipment, both new and repair, amounts to \$2.1 billion which is above the corresponding outlay in 1948 by about 3 per cent in value terms but lower by roughly 5 per cent in terms of physical volume.

CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, BY REGIONS AND GREATER CITIES

Information on the investment programme by regions is only available for those segments of the total programme for which a geographical breakdown is obtainable. The groups surveyed include the major segment of business investment, covering manufacturing, mining, forestry and selected utilities, and also housing. (See Summary Table 4.) Similar data applicable to manufacturing only are provided in Summary Table 5 for ten of the greater cities in Canada.

SUMMARY TABLE 4.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY SELECTED GROUPS, BY REGIONS, CANADA, 1947 TO 1949†

(Millions of Dollars)

Region		Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures		
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Maritimes.....	1947	63.3	26.2	89.5	21.1	16.3	37.4	84.4	42.5	126.9
	1948	61.8	40.2	102.0	17.4	21.8	39.2	79.2	62.0	141.2
	1949	75.9	29.1	105.0	19.3	21.2	40.5	95.2	50.3	145.5
Quebec.....	1947	242.2	146.2	388.4	65.6	80.8	146.4	307.8	227.0	534.8
	1948	277.4	163.8	441.2	87.4	94.6	182.0	364.8	258.4	623.2
	1949	285.1	162.3	447.4	74.2	95.1	169.3	359.3	257.4	616.7
Ontario.....	1947	326.1	272.1	598.2	96.2	147.8	244.0	422.3	419.9	842.2
	1948	411.8	312.2	724.0	106.8	170.1	276.9	518.6	482.3	1,000.9
	1949	461.2	395.7	766.9	115.6	178.7	294.3	576.8	484.4	1,061.2
Prairies‡.....	1947	117.0	39.6	156.6	33.1	21.4	54.5	150.1	61.0	211.1
	1948	173.9	72.5	246.4	43.1	25.8	68.9	217.0	98.3	315.3
	1949	178.9	66.3	245.2	42.1	25.3	67.4	221.0	91.6	312.6
British Columbia††.....	1947	115.1	52.2	167.3	31.2	34.9	66.1	146.3	87.1	233.4
	1948	145.9	63.3	209.2	36.7	39.5	76.2	182.6	102.8	285.4
	1949	150.4	65.3	215.7	36.2	36.6	72.8	186.6	101.9	288.5
Canada.....	1947	863.7	536.3	1,400.0	247.2	301.2	548.4	1,110.9	837.5	1,948.4
	1948	1,070.8	652.0	1,722.8	291.4	351.8	643.2	1,362.2	1,003.8	2,366.0
	1949	1,151.5	628.7	1,780.2	287.4	356.9	644.3	1,438.9	985.6	2,424.5

*Regional detail available only for manufacturing, mining, forestry, central electric stations, telephones, electric railways and housing (representing about 54 per cent of 1949 total capital expenditures).

†Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

‡Includes Northwest Territories.

††Includes Yukon.

SUMMARY TABLE 5.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES,
COVERING ONLY MANUFACTURING, TEN GREATER CITIES, 1947 TO 1949*

(Millions of Dollars)

Greater City	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
Halifax.....	1947	0.5	1.1	1.6	0.7	1.4	2.1	1.2	2.5	3.7
	1948	0.6	1.5	2.1	1.0	1.0	2.0	1.6	2.5	4.1
	1949	0.5	1.1	1.6	1.0	1.0	2.0	1.5	2.1	3.6
Saint John.....	1947	0.2	1.0	1.2	0.3	1.2	1.5	0.5	2.2	2.7
	1948	0.1	1.1	1.2	0.2	1.2	1.4	0.3	2.3	2.6
	1949	0.3	0.9	1.2	0.2	1.0	1.2	0.5	1.9	2.4
Quebec.....	1947	2.4	2.6	5.0	0.8	2.6	3.4	3.2	5.2	8.4
	1948	2.5	4.2	6.7	0.7	1.3	2.0	3.2	5.5	8.7
	1949	2.1	2.9	5.0	0.6	1.7	2.3	2.7	4.6	7.3
Montreal.....	1947	38.7	39.5	78.2	8.2	23.5	31.7	46.9	63.0	109.9
	1948	26.7	50.3	77.0	9.7	29.9	39.6	36.4	80.2	116.6
	1949	27.8	48.0	75.8	9.1	30.9	40.0	36.9	78.9	115.8
Ottawa.....	1947	3.2	4.0	7.2	0.6	2.3	2.9	3.8	6.3	10.1
	1948	2.7	5.7	8.4	0.6	3.1	3.7	3.3	8.8	12.1
	1949	2.9	3.0	5.9	0.6	3.1	3.7	3.5	6.1	9.6
Toronto.....	1947	33.9	42.5	76.4	8.6	23.2	31.8	42.5	65.7	108.2
	1948	23.0	38.8	61.8	8.5	24.8	33.3	31.5	63.6	95.1
	1949	18.3	39.6	57.9	8.4	23.7	32.1	26.7	63.3	90.0
Hamilton.....	1947	4.7	22.8	27.5	2.3	13.6	15.9	7.0	36.4	43.4
	1948	9.7	23.9	33.6	3.0	18.6	21.6	12.7	42.5	55.2
	1949	10.3	21.6	31.9	3.4	20.1	23.5	13.7	41.7	55.4
Windsor.....	1947	2.1	5.1	7.2	1.9	7.0	8.9	4.0	12.1	16.1
	1948	3.3	5.3	8.6	2.4	9.0	11.4	5.7	14.3	20.0
	1949	4.1	7.1	11.2	1.7	9.5	11.2	5.8	16.6	22.4
Winnipeg.....	1947	1.8	3.8	5.6	1.8	3.6	5.4	3.6	7.4	11.0
	1948	2.7	5.6	8.3	1.7	5.0	6.7	4.4	10.6	15.0
	1949	2.8	4.6	7.4	2.0	4.7	6.7	4.8	9.3	14.1
Vancouver.....	1947	7.4	9.9	17.3	2.4	6.2	8.6	9.8	16.1	25.9
	1948	8.0	8.9	16.9	3.1	7.9	11.0	11.1	16.8	27.9
	1949	5.4	6.1	11.5	2.7	6.7	9.4	8.1	12.8	20.9
Total Ten Cities.....	1947	94.0	132.3	227.2	27.6	84.6	112.2	122.5	216.9	339.4
	1948	79.3	145.3	224.6	30.9	101.8	132.7	110.2	247.1	357.3
	1949	74.5	134.9	209.4	29.7	102.4	132.1	104.2	237.3	341.5

*Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

SECTION II.—DETAILED TABLES

TABLE I.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, INDUSTRIAL GROUPS, CANADA, 1947 TO 1949 (1)

(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Agriculture, Fishing and Trapping.....	1947	36.0	227.9	263.9	24.0	69.5	93.5	60.0	297.4	357.4
		1948	46.0	264.5	310.5	31.0	81.8	112.8	77.0	346.3	423.3
		1949	50.0	296.9	346.9	33.0	100.1	133.1	83.0	397.0	480.0
2	Forestry (2).....	1947	9.6	13.5	23.1	2.9	12.3	15.2	12.5	25.9	38.3
		1948	14.9	15.5	30.4	5.5	14.4	19.9	20.4	29.9	60.3
		1949	9.3	8.4	17.7	4.3	12.0	16.3	13.6	20.4	34.0
3	Mining, Quarrying and Oil Wells (2)....	1947	30.1	45.6	75.7	13.7	37.6	51.3	43.8	83.2	127.0
		1948	41.6	76.1	117.7	4.8	49.3	54.1	46.4	125.4	171.8
		1949	48.3	73.1	121.4	4.9	51.4	56.3	53.2	124.5	177.7
4	Manufacturing (2)(3).....	1947	182.9	355.8	538.7	61.8	213.8	275.6	244.7	569.6	814.3
		1948	174.4	389.6	564.0	62.7	245.6	308.3	237.1	635.2	872.3
		1949	162.3	360.0	522.3	61.4	246.0	307.4	223.7	600.6	830.3
5	Transportation, Storage and Communication (2).....	1947	79.9	173.2	253.1	138.2	180.1	318.3	218.1	352.3	570.4
		1948	118.4	296.6	415.0	161.4	226.1	387.5	279.8	432.7	712.5
		1949	131.9	221.0	352.9	166.9	237.4	404.3	298.8	458.4	757.2
6	Central Electric Stations and Gas Works (2).....	1947	66.6	60.5	127.1	15.6	6.1	21.7	82.2	66.6	148.8
		1948	103.2	96.9	200.1	16.2	8.7	24.9	119.4	105.6	225.0
		1949	133.2	120.8	254.0	14.8	11.3	26.1	148.0	132.1	280.1
7	Construction Industry.....	1947	1.8	30.0	31.8	1.7	15.2	16.9	3.5	45.2	48.7
		1948	5.2	42.5	47.7	2.4	29.6	32.0	7.6	72.1	79.7
		1949	3.3	25.8	29.1	2.2	27.9	30.1	5.5	53.7	59.2
8	Residential Housing (2).....	1947	333.2	.....	333.2	136.5	.....	136.5	669.7	.....	669.7
		1948	681.8	.....	681.8	169.0	.....	169.0	350.8	.....	350.8
		1949	740.8	.....	740.8	182.0	.....	182.0	922.8	.....	922.8
9	Trade (2)—Wholesale and Retail.....	1947	67.8	50.9	118.7	27.1	19.1	46.2	94.9	70.0	164.9
		1948	89.2	66.0	155.2	33.9	26.4	60.3	123.1	92.4	215.5
		1949	97.9	60.6	158.5	39.7	28.2	67.9	137.6	88.8	226.4
10	Finance, Insurance and Real Estate (2).....	1947	15.5	5.2	20.7	7.1	1.7	8.8	22.6	6.9	29.5
		1948	25.0	6.6	31.6	6.3	1.1	7.4	31.3	7.7	39.0
		1949	32.4	5.3	37.7	4.5	1.1	5.6	36.9	6.4	43.3
11	Commercial Services (2).....	1947	29.3	33.6	63.1	14.3	26.7	41.0	43.8	60.3	104.1
		1948	36.3	42.0	78.3	9.4	27.0	36.4	45.7	69.0	114.7
		1949	27.3	36.3	63.6	8.6	26.3	34.9	35.9	62.6	98.5
12	Institutions (2).....	1947	69.0	11.2	80.2	16.6	4.4	21.0	85.6	15.6	101.2
		1948	111.5	15.9	127.4	23.1	6.1	29.2	134.6	22.0	156.6
		1949	127.8	22.2	150.0	23.5	6.4	29.9	201.3	28.6	229.9
13	Direct Government.....	1947	353.0	37.0	390.0	116.0	29.0	145.0	369.0	66.0	435.0
		1948	325.0	30.0	355.0	135.0	30.0	165.0	460.0	80.0	540.0
		1949	371.0	64.0	435.0	140.0	36.0	176.0	511.0	100.0	611.0
14	Total (Items 1 to 13).....	1947	1374.9	1043.4	2418.3	575.5	615.5	1191.0	1950.4	1058.9	3609.3
		1948	1722.5	1272.2	3044.7	660.7	746.1	1406.8	2433.2	2018.3	4451.5
		1949	1985.5	1294.1	3279.6	685.8	784.7	1470.5	2674.3	2079.1	4750.4

(1) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

(2) For regional detail see Tables VI to X following.

(3) For industry detail see Tables II to V following.

TABLE II.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, MANUFACTURING, CANADA, 1947 TO 1949 (1)

(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Food and Beverages.....	1947	32.9	46.6	79.5	11.0	23.1	34.1	43.9	69.7	113.6
		1948	31.1	56.1	87.2	11.8	27.2	39.0	42.9	83.3	126.2
		1949	29.7	41.1	70.8	11.8	25.1	36.9	41.5	66.2	107.7
2	Tobacco and Tobacco Products.....	1947	1.1	2.2	3.3	0.4	0.9	1.3	1.5	3.1	4.6
		1948	0.8	1.5	2.3	0.6	1.1	1.7	1.4	2.6	4.0
		1949	3.5	1.2	4.7	0.8	1.2	2.0	4.3	2.4	6.7
3	Rubber Products.....	1947	2.2	8.4	10.6	1.3	5.5	6.8	3.5	13.9	17.4
		1948	1.8	5.8	7.6	0.9	5.2	6.1	2.7	11.0	13.7
		1949	1.9	6.1	8.0	0.8	5.2	6.0	2.7	11.3	14.0
4	Leather Products.....	1947	1.0	1.9	2.9	1.0	2.3	3.3	2.0	4.2	6.2
		1948	1.3	1.9	3.2	1.1	2.0	3.1	2.4	3.9	6.3
		1949	0.6	1.5	2.1	0.9	1.8	2.7	1.5	3.3	4.8
5	Textile Products.....	1947	9.3	25.5	34.8	2.8	11.3	14.1	12.1	36.8	48.9
		1948	7.2	28.3	35.5	3.4	13.1	16.5	10.6	41.4	52.0
		1949	6.2	23.1	29.3	3.6	13.5	17.1	9.8	36.6	46.4
6	Clothing.....	1947	4.2	10.4	14.6	4.1	4.6	8.7	8.3	15.0	23.3
		1948	2.1	7.3	9.4	1.8	7.5	9.3	3.9	14.8	18.7
		1949	3.0	8.6	11.6	1.7	4.9	6.6	4.7	13.5	18.2
7	Wood Products.....	1947	9.7	18.6	28.3	6.5	17.1	23.6	16.2	35.7	51.9
		1948	6.8	15.6	22.4	6.1	16.5	22.6	12.0	32.1	45.0
		1949	7.4	12.0	19.4	5.4	14.6	20.0	12.8	26.6	39.4
8	Paper Products.....	1947	31.7	61.4	93.1	7.1	34.4	41.5	38.8	95.8	134.6
		1948	28.7	59.0	87.7	6.1	43.0	49.1	34.8	102.0	136.8
		1949	27.5	53.1	80.6	6.2	44.6	50.8	33.7	97.7	131.4
9	Printing, Publishing and Allied Industries.....	1947	5.1	8.7	13.8	1.4	2.8	4.2	6.5	11.5	18.0
		1948	7.0	12.1	19.1	1.3	4.0	5.3	8.3	16.1	24.4
		1949	5.6	10.7	16.3	1.3	3.8	5.1	6.9	14.5	21.4
10	Iron and Steel Products.....	1947	17.7	38.9	56.6	8.8	33.9	42.7	26.5	72.8	99.3
		1948	13.4	29.0	42.4	7.7	37.9	45.6	21.1	66.9	88.0
		1949	12.6	33.7	46.3	8.0	39.9	47.9	20.6	73.6	94.2
11	Transportation Equipment.....	1947	7.5	12.0	19.5	4.7	16.1	20.8	12.2	28.1	40.3
		1948	5.1	9.2	14.3	5.0	19.0	24.0	10.1	28.2	38.3
		1949	7.5	11.8	19.3	4.0	19.4	23.4	11.5	31.2	42.7
12	Non-Ferrous Metal Products.....	1947	5.3	11.7	17.0	2.1	21.4	23.5	7.4	33.1	40.5
		1948	3.7	10.2	13.9	2.4	18.1	20.5	6.1	28.3	34.4
		1949	4.2	9.3	13.5	2.3	19.3	21.6	6.5	28.6	35.1
13	Electrical Apparatus and Supplies.....	1947	5.5	8.5	14.0	1.9	6.9	8.8	7.4	15.4	22.8
		1948	4.1	10.2	14.3	2.5	8.6	11.1	6.6	18.8	25.4
		1949	6.4	10.8	17.2	2.2	8.9	11.1	8.6	19.7	28.3
14	Non-Metallic Mineral Products.....	1947	8.7	11.3	20.0	1.7	7.7	9.4	10.4	19.0	29.4
		1948	9.8	18.0	27.8	1.3	14.1	15.4	11.1	32.1	43.2
		1949	6.2	13.6	19.8	1.2	14.2	15.4	7.4	27.8	35.2
15	Products of Petroleum and Coal.....	1947	21.0	4.7	25.7	1.9	8.4	10.3	22.9	13.1	36.0
		1948	27.6	28.3	55.9	6.8	10.6	17.4	34.4	38.9	73.3
		1949	18.6	21.4	40.0	7.6	11.8	19.4	26.2	33.2	59.4
16	Chemical Products.....	1947	16.2	23.5	39.7	4.1	14.7	18.8	20.3	38.2	58.5
		1948	13.1	26.5	39.6	3.2	16.2	19.4	16.3	42.7	59.0
		1949	11.0	26.0	37.0	3.6	16.9	19.9	14.0	42.9	56.9
17	Miscellaneous.....	1947	3.8	5.5	9.3	1.0	2.7	3.7	4.8	8.2	13.0
		1948	1.2	2.2	3.4	6.7	1.5	2.2	1.9	3.7	5.6
		1949	1.3	3.7	5.0	0.6	1.5	2.1	1.9	5.2	7.1
18	Special Adjustment (2).....	1947		56.0	56.0					56.0	56.0
		1948	9.6	68.4	78.0				9.6	68.4	78.0
		1949	9.1	72.3	81.4				9.1	72.3	81.4
19	Total (Items 1 to 18).....	1947	182.9	355.8	538.7	61.8	213.8	275.6	244.7	569.6	814.3
		1948	174.4	389.6	564.0	62.7	245.6	308.3	237.1	635.2	872.3
		1949	162.3	360.0	522.3	61.4	246.6	308.0	223.7	606.6	830.3

(1) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

(2) This adjustment includes an allowance for capital items charged to operating expenses and for new establishments not included in the detailed estimates.

TABLE III.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, TRANSPORTATION, STORAGE AND COMMUNICATION, CANADA, 1947 TO 1949 (1)

(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Steam Railways and Telegraphs.....	1947	26.4	49.7	76.1	112.6	109.7	222.3	130.0	150.4	208.4
		1948	42.8	92.2	135.0	136.4	138.9	275.3	170.2	231.1	410.3
		1949	49.1	115.0	164.1	139.7	145.6	285.3	188.8	260.0	449.4
2	Electric Railways.....	1947	5.8	14.9	20.7	6.4	12.2	18.6	12.2	27.1	39.3
		1948	9.7	13.5	23.2	7.2	12.9	20.1	16.9	26.4	43.3
		1949	9.0	9.5	18.5	7.5	12.8	20.3	16.5	22.3	38.8
3	Air Transport.....	1947	0.2	11.0	11.2	0.4	8.7	9.1	0.6	19.7	20.3
		1948	0.6	7.4	8.0	0.3	10.2	10.5	0.9	17.6	18.5
		1949	0.4	8.9	9.3	0.4	10.8	11.2	0.8	19.7	20.5
4	Water Transport.....	1947	1.4	21.2	22.6	3.8	10.3	14.1	5.2	31.5	30.7
		1948	8.9	9.9	18.8	2.6	19.6	22.2	11.5	29.5	41.0
		1949	15.7	8.6	24.3	2.6	18.6	21.2	18.3	27.2	45.5
5	Motor Carriers.....	1947	5.0	20.7	25.7	2.1	18.6	20.7	7.1	39.3	46.4
		1948	4.4	15.3	19.7	1.3	21.9	23.2	5.7	37.2	42.9
		1949	3.1	13.7	16.8	1.3	23.4	24.7	4.4	37.1	41.5
6	Warehousing.....	1947	0.8	1.2	2.0	1.0	0.7	1.7	1.8	1.9	3.7
		1948	1.1	0.7	1.8	1.0	0.6	1.6	2.1	1.3	3.4
		1949	0.3	0.4	0.7	0.8	0.6	1.4	1.1	1.0	2.1
7	Grain Elevators.....	1947	3.5	0.7	4.2	1.5	0.9	2.4	5.0	1.6	6.6
		1948	5.0	0.9	5.9	1.8	1.1	2.9	6.8	2.0	8.8
		1949	4.2	9.8	5.0	2.1	2.7	4.8	6.3	3.5	9.8
8	Telephones.....	1947	35.3	46.0	81.3	10.2	18.8	29.0	45.5	64.8	110.3
		1948	44.6	59.0	103.6	10.6	20.5	31.1	55.2	79.5	134.7
		1949	48.0	56.1	104.1	12.3	22.5	34.8	60.3	78.6	138.9
9	Broadcasting.....	1947	1.5	0.8	2.3	0.2	0.2	0.4	1.7	1.0	2.7
		1948	1.3	1.7	3.0	0.2	0.4	0.6	1.5	2.1	3.6
		1949	2.1	1.7	3.8	0.2	0.4	0.6	2.3	2.1	4.4
10	Capital Items Charged to Operating Expenses.....	1947		6.0	6.0					6.0	6.0
		1948		6.0	6.0					6.0	6.0
		1949		6.3	6.3					6.3	6.3
11	Total (Items 1 to 10).....	1947	79.9	172.2	252.1	138.2	180.1	318.3	218.1	352.3	570.4
		1948	118.4	206.6	325.0	161.4	226.1	387.5	270.8	432.7	712.5
		1949	131.9	221.0	352.9	166.9	237.4	404.3	298.8	458.4	757.2

(1) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE IV.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, TRADE AND FINANCE,
CANADA, 1947 TO 1949⁽¹⁾

(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	TRADE— Wholesale (Proper).....	1947	8.9	5.6	14.5	2.4	1.9	4.3	11.3	7.5	18.8
		1948	10.3	9.6	19.9	3.8	6.7	10.5	14.1	16.3	30.4
		1949	8.8	7.0	15.8	4.2	6.9	11.1	13.0	13.9	26.9
2	Chain Stores.....	1947	11.3	9.9	21.2	2.9	3.0	5.9	14.2	12.9	27.1
		1948	15.0	12.9	27.9	5.1	4.3	9.4	20.1	17.2	37.3
		1949	15.1	11.8	26.9	7.7	5.0	12.7	22.8	16.8	39.6
3	Independent Stores.....	1947	30.0	16.0	46.0	13.0	6.0	19.0	43.0	22.0	65.0
		1948	45.0	22.2	67.2	15.3	7.8	23.1	60.3	30.0	90.3
		1949	50.0	21.0	71.0	18.4	8.2	26.6	68.4	29.2	97.6
4	Department Stores.....	1947	5.0	4.9	9.9	4.8	4.7	9.5	9.8	9.6	19.4
		1948	6.3	4.6	10.9	5.0	3.1	8.1	11.3	7.7	19.0
		1949	12.6	4.4	17.0	4.8	3.0	7.8	17.4	7.4	24.8
5	Automotive Trade.....	1947	12.6	10.5	23.1	4.0	3.5	7.5	19.6	14.0	30.6
		1948	12.6	11.7	24.3	4.7	4.5	9.2	17.3	16.2	33.5
		1949	11.1	11.3	22.7	4.6	5.1	9.7	16.0	16.4	32.4
6	Capital Items Charged to Operating Expenses.....	1947		4.0	4.0					4.0	4.0
		1948		5.0	5.0					5.0	5.0
		1949		5.1	5.1					5.1	5.1
7	Sub-total (Items 1 to 6).....	1947	67.8	50.9	118.7	27.1	19.1	46.2	94.9	70.0	164.9
		1948	89.2	66.0	155.2	33.9	26.4	60.3	123.1	92.4	215.5
		1949	97.9	60.6	158.5	39.7	28.2	67.9	137.6	88.8	226.4
8	FINANCE— Banks.....	1947	6.1	2.3	8.4	4.1	1.1	5.2	10.2	3.4	13.6
		1948	7.9	3.3	11.2	3.8	0.6	4.4	11.7	3.9	15.6
		1949	10.8	2.6	13.4	2.4	0.6	3.0	13.2	3.2	16.4
9	Insurance, Trust and Loan Companies.....	1947	0.4	1.0	1.4	2.4	0.4	2.8	2.8	1.4	4.2
		1948	1.1	0.9	2.0	2.0	0.4	2.4	3.1	1.3	4.4
		1949	1.6	0.8	2.4	1.7	0.4	2.1	3.3	1.2	4.5
10	Other Financial ⁽²⁾	1947	9.0	1.9	10.9	0.6	0.2	0.8	9.6	2.1	11.7
		1948	16.0	2.4	18.4	0.5	0.1	0.6	16.5	2.5	19.0
		1949	20.0	1.9	21.9	0.4	0.1	0.5	20.4	2.0	22.4
11	Sub-total (Items 8 to 10).....	1947	15.5	5.2	20.7	7.1	1.7	8.8	22.6	6.9	29.5
		1948	25.0	6.6	31.6	6.3	1.1	7.4	31.3	7.7	39.0
		1949	32.4	5.3	37.7	4.5	1.1	5.6	36.9	6.4	43.3
12	Total (Items 7 and 11).....	1947	83.3	56.1	139.4	34.2	20.8	55.0	117.5	76.9	194.4
		1948	114.2	72.6	186.8	40.2	27.5	67.7	154.4	100.1	254.4
		1949	130.3	65.9	196.2	44.2	29.3	73.5	174.5	95.2	269.7

⁽¹⁾ Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).⁽²⁾ Includes estimates for personal and business credit, insurance agents, stock and bond dealers and real estate operators.

TABLE V.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, SERVICES, CANADA,
1947 TO 1949⁽¹⁾
(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	COMMERCIAL SERVICES— Laundries and Dry Cleaners.....	1947	1.1	2.4	3.5	0.5	1.3	1.8	1.6	3.7	5.3
		1948	1.0	2.4	3.4	0.6	1.7	2.3	1.6	4.1	5.7
		1949	0.5	1.4	1.9	0.5	1.4	1.9	1.0	2.8	3.8
2	Theatres.....	1947	6.2	1.4	7.6	0.6	0.3	0.9	6.8	1.7	8.5
		1948	8.2	2.7	10.9	0.6	0.3	0.9	8.8	3.0	11.8
		1949	2.5	1.0	3.5	0.5	0.5	1.0	3.0	1.5	4.5
3	Hotels.....	1947	11.2	4.8	16.0	11.2	14.6	25.8	22.4	19.4	41.8
		1948	11.1	6.9	18.0	7.0	14.6	21.6	18.1	21.5	39.6
		1949	9.3	4.4	13.7	6.5	13.6	20.1	15.8	18.0	33.8
4	Other Commercial Services ⁽²⁾	1947	10.0	25.0	35.0	2.0	10.5	12.5	12.0	35.5	47.5
		1948	16.0	30.0	46.0	1.2	10.4	11.6	17.2	40.4	57.6
		1949	15.0	29.5	44.5	1.1	10.8	11.9	16.1	40.3	56.4
5	Sub-total (Items 1 to 4).....	1947	28.5	33.6	62.1	14.3	26.7	41.0	42.8	60.3	103.1
		1948	36.3	42.0	78.3	9.4	27.0	36.4	45.7	69.0	114.7
		1949	27.3	36.3	63.6	8.6	26.3	34.9	35.9	62.6	98.5
6	INSTITUTIONAL SERVICES— Churches.....	1947	9.8	1.1	10.9	4.8	0.7	5.5	14.6	1.8	16.4
		1948	21.0	2.9	23.9	8.0	0.9	8.9	29.0	3.8	32.8
		1949	32.5	2.9	35.4	6.5	0.7	7.2	39.0	3.6	42.6
7	Universities.....	1947	11.9	1.6	13.5	2.3	0.3	2.6	14.2	1.9	16.1
		1948	13.8	1.4	15.2	3.1	0.9	4.0	16.9	2.3	19.2
		1949	15.9	2.6	18.5	3.1	1.0	4.1	19.0	3.6	22.6
8	Schools.....	1947	27.6	3.7	31.3	5.0	0.8	5.8	32.6	4.5	37.1
		1948	47.6	5.6	53.2	5.6	0.8	6.4	53.2	6.4	59.6
		1949	61.7	6.5	68.2	6.6	1.0	7.6	68.3	7.5	75.8
9	Hospitals.....	1947	19.7	4.8	24.5	4.5	2.6	7.1	24.2	7.4	31.6
		1948	29.1	6.0	35.1	6.4	3.5	9.9	35.5	9.5	45.0
		1949	67.7	10.2	77.9	7.3	3.7	11.0	75.0	13.9	88.9
10	Sub-total (Items 6 to 9).....	1947	69.0	11.2	80.2	16.6	4.4	21.0	85.6	15.6	101.2
		1948	111.5	15.9	127.4	23.1	6.1	29.2	134.6	22.0	156.6
		1949	177.8	22.2	200.0	23.5	6.4	29.9	201.3	28.6	229.9
11	DIRECT GOVERNMENT.....	1947	253.0	37.0	290.0	116.0	29.0	145.0	369.0	66.0	435.0
		1948	325.0	50.0	375.0	135.0	30.0	165.0	460.0	80.0	540.0
		1949	371.0	64.0	435.0	140.0	36.0	176.0	511.0	100.0	611.0
12	Total (Items 5, 10 and 11).....	1947	350.5	81.8	432.3	146.9	60.1	207.0	497.4	141.9	639.3
		1948	472.8	107.9	580.7	167.5	63.1	230.6	640.3	171.0	811.3
		1949	576.1	122.5	698.6	172.1	68.7	240.8	748.2	191.2	939.4

⁽¹⁾ Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

⁽²⁾ Includes estimates for other commercial vehicles not covered, recreation and amusement centres other than theatres, professional services and independent restaurants.

TABLE VI.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY SELECTED GROUPS(1), MARITIME PROVINCES, 1947 TO 1949(2)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures				
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total		
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1	MANUFACTURING— Food and Beverages.....	1947	1,532	3,275	4,808	893	1,450	2,343	2,426	4,725	7,151	
		1948	1,010	3,186	4,546	980	1,443	2,423	2,040	4,029	6,069	
		1949	1,058	2,549	3,607	838	1,321	2,159	1,896	3,870	5,766	
2	Leather Products.....	1947		20	20	14	20	34	14	40	54	
		1948		7	7	25	23	48	25	30	55	
		1949	1	5	6	27	20	47	28	25	53	
3	Textile Products.....	1947	332	1,648	1,880	103	480	583	335	2,128	2,463	
		1948	47	747	794	131	663	794	178	1,410	1,588	
		1949		579	579	122	601	723	122	1,180	1,302	
4	Clothing.....	1947	156	149	305	42	132	174	198	281	479	
		1948	60	154	214	48	228	276	108	382	490	
		1949	29	78	107	59	203	262	88	281	369	
5	Wood Products.....	1947	309	845	1,314	286	866	1,152	655	1,711	2,366	
		1948	670	1,658	2,328	303	1,036	1,339	973	2,694	3,667	
		1949	330	1,115	1,445	285	824	1,109	615	1,939	2,554	
6	Paper Products.....	1947	1,379	4,362	5,741	429	3,527	3,956	1,808	7,889	9,697	
		1948	1,310	7,510	8,820	305	4,645	4,950	1,615	12,155	13,770	
		1949	542	4,618	5,160	335	4,664	4,999	877	9,282	10,152	
7	Printing, Publishing and Allied Trades.....	1947	24	167	191	48	56	104	72	223	295	
		1948	66	315	381	80	76	156	146	391	537	
		1949	91	211	302	67	85	152	158	326	484	
8	Iron and Steel Products.....	1947	500	574	1,074	753	2,457	3,210	1,253	3,031	4,284	
		1948	57	578	635	130	3,172	3,302	187	3,750	3,937	
		1949	159	1,370	1,529	147	3,647	3,794	306	5,017	5,323	
9	Transportation Equipment.....	1947	266	322	588	361	1,062	1,423	627	1,384	2,011	
		1948	311	384	695	415	1,381	1,796	720	1,765	2,491	
		1949	436	692	1,128	418	1,370	1,788	854	2,062	2,916	
10	Non-Ferrous Metal Products.....	1947				15	20	35	15	20	35	
		1948	10	31	41	25	12	37	35	43	78	
		1949		26	26	15	12	27	15	38	53	
11	Non-Metallic Mineral Products.....	1947	31	141	175	424	580	1,004	455	724	1,179	
		1948		3,416	3,416	14	2,055	2,069	14	5,471	5,485	
		1949		935	935	14	1,808	1,822	14	2,743	2,757	
12	Products of Petroleum and Coal.....	1947	128	96	224	267	760	1,027	395	856	1,251	
		1948	52	3,172	3,224	529	690	1,219	581	3,862	4,443	
		1949	137	1,081	1,221	566	754	1,320	703	1,838	2,541	
13	Chemical Products.....	1947	55	131	186	71	220	291	126	351	477	
		1948	111	248	359	65	301	366	176	549	725	
		1949	335	172	507	92	259	351	427	431	858	
14	Miscellaneous.....	1947		65	65	43	70	113	43	135	178	
		1948		26	26	9	24	33	9	50	59	
		1949		42	42	11	27	38	11	69	80	
15	Special Adjustment(2).....	1947		3,400	3,400					3,400	3,400	
		1948		500	3,800	4,300				500	3,800	4,300
		1949		400	3,875	4,275				400	3,875	4,275
16	Manufacturing-Total (Items 1 to 15).....	1947	4,673	15,198	19,871	3,749	11,700	15,449	8,422	26,898	35,320	
		1948	4,254	25,532	29,786	3,059	15,749	18,808	7,313	41,281	48,594	
		1949	3,518	17,381	20,899	2,996	15,595	18,591	6,514	32,976	39,490	

TABLE VI.—CAPITAL REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY SELECTED GROUPS⁽¹⁾, MARITIME PROVINCES, 1947 TO 1949⁽²⁾—*Concluded*

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
17	PRIMARY INDUSTRIES—										
	Mining.....	1947	381	2,183	2,567	1,389	1,858	3,247	1,773	4,041	5,814
		1948	443	1,914	2,357	661	3,278	3,939	1,104	5,192	6,296
		1949	223	2,035	2,258	654	2,975	3,629	877	5,010	5,887
18	Forestry.....	1947	100	608	708	37	568	623	137	1,194	1,331
		1948	283	851	1,134	125	407	532	408	1,258	1,666
		1949	370	311	681	119	401	520	489	712	1,201
19	Primary Industries—	1947	484	2,791	3,275	1,420	2,444	3,870	1,910	5,235	7,145
	Total (Items 17 and 18)...	1948	726	2,765	3,491	786	3,685	4,471	1,512	6,450	7,962
		1949	593	2,346	2,939	773	3,376	4,149	1,366	5,722	7,088
20	OTHER—										
	Central Electric Stations.....	1947	2,948	5,836	8,784	1,615	1,075	2,690	4,563	6,011	11,474
		1948	6,888	6,703	13,591	1,452	1,140	2,592	8,340	7,843	16,183
		1949	6,897	6,068	12,965	1,416	1,172	2,588	8,313	7,240	15,553
21	Telephones.....	1947	2,966	2,400	5,366	861	773	1,634	3,827	3,173	7,000
		1948	3,399	3,274	6,673	710	995	1,705	4,309	4,269	8,578
		1949	4,454	1,391	5,845	867	872	1,739	5,321	2,263	7,584
22	Electric Railways.....	1947	.....	4	4	169	319	488	169	323	492
		1948	451	1,875	2,326	51	197	248	502	2,072	2,574
		1949	450	1,875	2,325	51	195	246	501	2,070	2,571
23	Residential Housing.....	1947	52,200	.....	52,200	13,300	.....	13,300	65,500	.....	65,500
		1948	45,900	.....	45,900	11,400	.....	11,400	57,300	.....	57,300
		1949	60,000	.....	60,000	13,200	.....	13,200	73,200	.....	73,200
24	Other—Total (Items 20 to 23)	1947	58,114	8,240	66,354	15,945	2,167	18,112	74,059	10,407	84,466
		1948	56,858	11,852	68,690	13,613	2,332	15,945	70,451	14,184	84,635
		1949	71,901	9,334	81,135	15,534	2,239	17,773	87,335	11,573	98,908
25	Manufacturing, Primary Industries	1947	63,371	36,229	99,590	21,120	16,311	37,431	84,391	42,540	126,931
	and Other—Total (Items 16,	1948	61,818	40,149	101,967	17,458	21,766	39,224	79,276	61,915	141,191
	19 and 24).	1949	75,912	39,061	114,973	19,303	21,210	40,513	95,215	60,271	145,486

(1) Regional detail available only for manufacturing, mining, forestry, central electric stations, telephones, electric railways and housing.

(2) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

(3) This adjustment includes an allowance for capital items charged to operating expenses and for new establishments not included in the detailed estimates.

TABLE VII.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY SELECTED GROUPS(1), QUEBEC, 1947 TO 1949 (2)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	MANUFACTURING— Food and Beverages	1947	8,624	12,005	20,629	2,485	5,716	8,201	11,109	17,721	28,830
		1948	9,185	14,808	23,993	2,682	6,743	9,425	11,867	21,551	33,418
		1949	11,223	12,556	23,779	2,676	6,833	9,509	13,899	19,389	33,288
2	Tobacco and Tobacco Products ..	1947	961	1,823	2,784	325	768	1,093	1,286	2,591	3,877
		1948	695	1,153	1,848	470	908	1,378	1,165	2,061	3,226
		1949	3,493	1,039	4,532	584	1,054	1,638	4,077	2,093	6,170
3	Rubber Products	1947	360	876	1,236	230	896	1,126	590	1,772	2,362
		1948	319	792	1,111	196	795	991	715	1,587	2,302
		1949	122	659	781	157	743	900	279	1,402	1,681
4	Leather Products	1947	329	686	1,215	368	843	1,211	897	1,529	2,426
		1948	188	747	935	333	937	1,270	521	1,684	2,205
		1949	190	576	766	324	904	1,228	514	1,480	1,994
5	Textile Products	1947	5,513	12,008	17,521	1,431	5,504	6,935	6,944	17,512	24,456
		1948	4,629	14,387	19,016	2,000	6,554	8,554	6,629	20,941	27,670
		1949	3,810	14,004	17,814	2,265	7,184	9,449	6,075	21,188	27,233
6	Clothing	1947	2,706	4,829	7,535	3,038	2,263	5,301	5,744	7,092	12,236
		1948	899	2,350	3,149	846	4,830	5,676	1,745	7,080	8,225
		1949	2,245	4,085	6,330	833	2,366	3,199	3,078	6,451	9,329
7	Wood Products	1947	2,614	4,112	6,726	2,063	3,418	5,481	4,677	7,530	12,267
		1948	1,353	3,387	4,940	1,776	3,526	5,302	3,329	6,913	10,242
		1949	1,010	2,767	3,777	1,607	3,006	4,613	2,617	5,773	8,390
8	Paper Products	1947	5,332	17,070	22,602	2,754	16,612	19,366	8,286	33,682	41,968
		1948	5,277	16,970	22,247	1,709	19,527	21,236	6,986	36,497	43,483
		1949	3,131	16,972	20,103	1,626	20,837	22,463	4,757	37,809	42,566
9	Printing, Publishing and Allied Trades	1947	518	2,031	2,549	414	799	1,213	932	2,830	3,762
		1948	1,717	4,022	5,739	403	973	1,376	2,120	4,995	7,115
		1949	1,466	2,946	4,412	426	1,049	1,475	1,892	3,995	5,887
10	Iron and Steel Products	1947	4,974	9,804	14,778	1,966	6,061	8,027	6,940	15,865	22,805
		1948	3,486	8,817	12,303	1,976	6,743	8,719	5,462	15,560	21,022
		1949	3,953	8,639	12,592	1,721	7,070	8,791	5,674	15,709	21,383
11	Transportation Equipment	1947	1,756	2,600	4,356	1,189	3,289	4,478	2,045	5,889	8,534
		1948	767	2,116	2,883	1,116	4,162	5,278	1,883	6,278	8,161
		1949	1,648	2,430	4,078	915	4,487	5,402	2,563	6,917	9,480
12	Non-Ferrous Metal Products	1947	565	1,632	2,197	607	3,557	4,164	1,172	5,189	6,361
		1948	1,477	4,427	5,904	1,107	5,741	6,848	2,584	10,168	12,752
		1949	1,705	2,567	4,272	869	5,038	5,907	2,574	7,805	10,170
13	Electrical Apparatus and Supplies ..	1947	3,615	2,688	6,303	416	2,134	2,550	4,031	4,822	8,853
		1948	1,371	3,863	5,234	777	2,814	3,591	2,148	6,677	8,825
		1949	196	3,837	4,033	520	2,417	2,937	716	6,254	6,970
14	Non-Metallic Mineral Products	1947	6,003	2,619	8,622	365	2,012	2,377	6,368	4,631	10,999
		1948	1,773	2,839	4,612	319	4,068	4,387	2,092	6,607	8,999
		1949	970	2,378	3,348	277	4,028	4,305	1,247	6,406	7,653
15	Products of Petroleum and Coal	1947	13,172	3,200	16,372	1,092	1,611	2,613	14,174	4,811	18,985
		1948	9,450	11,811	21,279	1,258	1,725	2,983	10,717	13,536	24,253
		1949	5,839	10,065	15,904	1,329	2,175	3,504	7,168	12,240	19,438
16	Chemical Products	1947	7,669	12,412	20,081	1,770	5,936	7,706	9,439	18,348	27,787
		1948	4,585	8,678	13,263	1,215	3,359	4,574	5,800	12,037	17,837
		1949	2,092	4,897	6,989	1,191	3,661	4,852	3,283	8,558	11,841
17	Miscellaneous	1947	698	1,484	2,182	125	542	667	823	2,026	2,840
		1948	161	432	593	147	327	474	308	759	1,067
		1949	392	1,678	2,070	110	326	436	502	2,004	2,604

TABLE VII—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY
SELECTED GROUP (1), QUEBEC, 1947 TO 1949(2)—Concluded

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
18	MANUFACTURING—Concluded										
	Special Adjustment (3).....	1947	17,900	17,900					17,900	17,900	
		1948	3,000	22,300	25,300				3,000	22,300	25,300
		1949	2,800	23,241	26,041				2,800	23,241	26,041
19	Manufacturing—Total	1947	65,809	109,779	175,588	20,548	61,961	82,509	86,357	171,740	258,097
	(Items 1 to 18).....	1948	59,741	123,799	174,540	18,330	73,732	92,062	69,071	197,531	266,602
		1949	46,285	115,336	161,621	17,430	73,178	90,608	63,715	188,514	252,229
20	PRIMARY INDUSTRIES—										
	Mining.....	1947	4,903	8,871	13,774	758	5,871	6,629	5,661	14,742	20,403
		1948	5,597	9,834	15,531	1,206	6,418	7,624	6,803	16,352	23,155
		1949	7,057	9,386	16,443	1,173	6,471	7,644	8,230	15,857	24,087
21	Forestry.....	1947	5,363	4,269	9,632	1,230	1,972	3,202	6,503	6,241	12,834
		1948	7,622	3,831	11,473	2,083	2,579	4,662	9,705	6,430	16,135
		1949	6,067	2,474	8,541	1,796	2,459	4,255	7,863	4,933	12,796
22	Primary Industries—Total	1947	10,266	13,140	23,406	1,988	7,843	9,831	12,254	20,983	33,237
	(Items 20 and 21).....	1948	13,219	13,785	27,004	3,289	8,997	12,286	16,508	22,782	39,290
		1949	13,121	11,860	24,981	2,969	8,930	11,899	16,093	20,790	36,883
23	OTHER—										
	Central Electric Stations.....	1947	16,815	6,815	23,630	4,294	1,766	6,060	21,109	8,581	29,690
		1948	17,567	7,104	24,671	2,362	2,055	4,417	19,920	9,159	29,088
		1949	31,595	14,490	46,085	2,419	2,290	4,709	34,014	16,780	50,794
24	Telephones.....	1947	10,727	13,427	24,154	2,232	5,075	7,307	12,950	18,502	31,461
		1948	16,838	17,905	34,743	2,498	6,056	8,554	19,336	23,961	43,297
		1949	16,253	20,030	36,283	2,946	6,856	9,802	19,199	26,886	46,085
25	Electric Railways.....	1947	1,175	3,053	4,228	1,324	4,125	5,449	2,409	7,178	9,677
		1948	1,126	1,186	2,312	1,183	3,808	4,991	2,309	4,994	7,303
		1949	230	616	846	1,164	3,800	4,964	1,394	4,416	5,810
26	Residential Housing.....	1947	137,400		137,400	35,200		35,200	172,600		172,600
		1948	177,900		177,900	59,700		59,700	237,600		237,600
		1949	177,600		177,600	47,300		47,300	224,900		224,900
27	Other—Total (Items 23 to 26)	1947	166,117	23,295	189,412	43,050	10,866	54,016	209,167	34,261	243,428
		1948	213,431	26,195	239,626	65,743	11,919	77,662	279,174	38,114	317,288
		1949	225,678	35,136	260,814	53,829	12,946	66,775	278,507	48,082	327,589
28	Manufacturing, Primary Industries	1947	242,182	146,214	388,406	65,586	80,770	146,356	307,778	226,984	534,762
	and Other—Total (Items 19, 22	1948	277,391	163,779	441,170	57,362	94,648	152,010	364,753	258,427	623,180
	and 27).	1949	285,087	162,332	447,419	74,228	95,054	169,282	359,315	257,386	616,701

(1) Regional detail available only for manufacturing, mining, forestry, central electric stations, telephones, electric railways and housing.

(2) Revised estimate for 1947, preliminary actual 1948, forecast 1949 (see Appendix).

(3) This includes an allowance for capital items charged to operating expenses and for new establishments not included in the detailed estimates.

TABLE VIII.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES,
COVERING ONLY SELECTED GROUPS (1), ONTARIO, 1947 TO 1949 (2)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	MANUFACTURING— Food and Beverages.....	1947	15,548	20,870	36,418	4,489	10,304	14,793	20,037	31,174	51,211
		1948	13,502	24,030	39,532	5,163	11,716	16,879	18,665	37,740	56,411
		1949	12,026	19,446	31,472	5,406	11,144	16,550	17,432	30,560	48,022
2	Tobacco and Tobacco Products.....	1947	151	393	544	78	144	222	229	537	766
		1948	58	322	480	100	161	261	158	583	741
		1949	11	161	172	184	172	356	195	333	528
3	Rubber Products.....	1947	1,897	7,517	9,414	1,042	4,655	5,697	2,939	12,172	15,111
		1948	1,332	4,990	6,323	623	4,474	5,097	1,956	9,464	11,420
		1949	1,817	5,418	7,235	607	4,443	5,050	2,424	9,861	12,285
4	Leather Products.....	1947	489	1,029	1,518	567	1,365	1,932	1,056	2,394	3,450
		1948	1,655	1,874	2,129	704	928	1,632	1,759	2,002	3,761
		1949	396	824	1,214	486	847	1,333	876	1,671	2,547
5	Textile Products.....	1947	3,389	11,122	14,811	1,118	5,208	6,326	4,507	16,630	21,137
		1948	2,434	12,742	15,176	1,171	5,696	6,867	3,605	18,438	22,045
		1949	2,321	8,122	10,443	1,182	5,573	6,755	3,503	13,695	17,198
6	Clothing.....	1947	1,114	4,961	6,075	825	1,958	2,783	1,939	6,919	8,858
		1948	1,061	4,263	5,324	774	2,113	2,887	1,835	6,376	8,211
		1949	632	3,845	4,477	719	1,954	2,673	1,351	5,799	7,150
7	Wood Products.....	1947	2,923	6,163	9,086	1,692	4,313	6,005	4,615	10,476	15,093
		1948	1,259	3,623	4,882	1,553	3,150	4,712	2,512	6,782	9,564
		1949	1,745	2,904	4,649	1,294	2,853	4,147	3,039	5,757	8,796
8	Paper Products.....	1947	19,930	32,071	52,001	2,545	11,323	13,868	22,475	43,304	65,869
		1948	14,843	26,103	41,046	2,514	14,153	16,667	17,457	40,256	57,713
		1949	6,788	15,071	21,859	2,589	14,166	16,755	9,377	29,237	38,614
9	Printing, Publishing and Allied Trades.....	1947	3,434	4,475	7,909	753	1,448	2,201	4,187	5,923	10,110
		1948	4,240	5,606	9,846	632	2,312	2,944	4,872	7,918	12,790
		1949	3,880	6,241	10,121	644	2,064	2,708	4,524	8,305	12,829
10	Iron and Steel Products.....	1947	11,077	26,364	37,441	5,448	23,781	29,229	16,525	50,145	66,670
		1948	8,714	18,051	26,765	5,207	20,272	31,479	13,921	44,323	58,244
		1949	7,823	22,208	30,031	5,756	27,438	33,194	13,579	49,646	63,225
11	Transportation Equipment.....	1947	5,194	8,415	13,609	2,487	10,138	12,625	7,681	18,553	26,234
		1948	3,825	7,654	11,479	2,839	11,930	14,769	6,664	19,584	26,248
		1949	5,576	8,936	14,506	1,905	11,934	13,839	7,475	20,870	28,345
12	Non-Ferrous Metal Products.....	1947	4,496	9,652	14,148	1,296	14,302	15,598	5,792	23,054	29,746
		1948	1,835	4,439	6,274	846	6,555	7,401	2,681	10,994	13,675
		1949	966	3,249	4,215	995	8,215	9,210	1,961	11,464	13,425
13	Electrical Apparatus and Supplies	1947	1,833	5,746	7,579	1,497	4,738	6,235	3,330	10,484	13,814
		1948	2,218	6,229	8,447	1,701	5,785	7,486	4,419	12,014	16,433
		1949	6,031	6,355	12,386	1,712	6,397	8,109	7,743	13,352	21,095
14	Non-Metallie Mineral Products..	1947	2,458	7,883	10,341	524	3,962	4,507	2,082	11,866	14,848
		1948	7,350	10,078	17,428	618	6,277	6,895	7,868	16,355	24,223
		1949	4,750	8,767	13,517	672	6,544	7,216	5,422	15,311	20,733
15	Products of Petroleum and Coal...	1947	4,337	831	5,168	293	3,946	4,239	4,630	4,777	9,407
		1948	7,048	14,368	21,416	3,205	7,077	10,282	10,223	18,445	28,668
		1949	2,844	7,465	10,309	3,538	7,756	11,294	6,382	15,101	26,395
16	Chemical Products.....	1947	7,606	10,153	17,759	1,516	5,924	7,440	9,122	10,077	25,199
		1948	7,840	16,438	24,278	1,734	9,603	10,764	9,574	25,468	36,042
		1949	8,238	19,950	28,188	1,607	9,176	10,783	9,845	29,126	39,911
17	Miscellaneous.....	1947	2,304	3,639	5,943	715	1,900	2,705	3,019	5,629	8,344
		1948	831	1,587	2,418	476	1,527	1,907	1,307	2,638	3,945
		1949	514	1,876	2,390	415	1,059	1,474	929	2,885	3,359

TABLE VIII.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY SELECTED GROUPS⁽¹⁾, ONTARIO, 1947 TO 1949⁽²⁾—Concluded

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
18	MANUFACTURING—(Cont'd) Special Adjustment ⁽³⁾	1947		27,600	27,600				27,600	27,600	
		1948	4,800	35,100	39,900			4,800	35,100	39,900	
		1949	4,300	36,583	40,883			4,300	36,583	40,883	
19	Manufacturing—Total (Items 1 to 18).....	1947	88,180	189,184	277,364	26,885	109,520	136,405	115,035	298,704	413,769
		1948	84,716	195,797	280,513	29,860	118,689	148,549	114,576	314,486	429,062
		1949	70,616	177,911	248,527	29,711	121,735	151,446	100,357	299,646	400,003
20	PRIMARY INDUSTRIES— Mining.....	1947	12,813	20,836	33,649	8,912	29,171	29,083	21,725	41,007	62,732
		1948	16,887	26,992	43,879	1,287	30,557	31,844	18,174	57,549	75,723
		1949	23,125	26,157	49,282	1,407	32,729	34,136	24,532	58,886	83,418
21	Forestry.....	1947	1,932	1,851	3,803	380	1,599	1,979	2,332	3,450	5,782
		1948	2,806	3,132	5,938	492	2,306	2,798	3,298	5,438	8,736
		1949	849	1,166	2,015	454	1,685	2,139	1,303	2,851	4,154
22	Primary Industries— Total (Items 20 and 21).....	1947	14,765	22,687	37,452	9,202	21,770	31,062	24,057	44,457	68,514
		1948	19,693	30,121	49,817	1,779	32,863	34,642	21,472	62,947	84,459
		1949	23,974	27,323	51,297	1,801	34,414	36,275	25,835	61,737	87,572
23	OTHER— Central Electric Stations.....	1947	25,597	32,016	57,613	7,054	1,577	9,231	33,251	33,593	66,844
		1948	45,833	55,656	101,489	8,973	2,979	11,952	54,806	58,635	113,441
		1949	59,632	72,530	132,162	7,365	5,858	13,223	66,997	78,388	145,385
24	Telephones.....	1947	17,026	21,858	38,884	4,134	10,239	14,373	21,166	32,097	53,257
		1948	17,945	25,722	43,667	3,809	10,505	14,374	21,814	36,227	58,041
		1949	20,393	22,748	43,141	4,310	11,408	15,718	24,703	34,156	58,859
25	Electric Railways.....	1947	1,561	6,325	7,886	2,454	4,660	7,114	4,015	10,985	15,000
		1948	2,871	4,921	7,792	2,652	5,096	7,748	5,523	10,017	15,540
		1949	3,654	5,233	8,887	2,044	5,318	7,962	6,298	10,551	16,849
26	Residential Housing.....	1947	179,900		179,900	45,800		45,800	224,800		224,800
		1948	240,700		240,700	59,700		59,700	300,400		300,400
		1949	282,900		282,900	69,700		69,700	352,600		352,600
27	Other—Total (Items 23 to 26).....	1947	223,184	60,199	283,383	60,042	16,476	76,518	283,226	70,675	359,901
		1948	397,319	86,299	483,618	75,194	18,580	93,774	382,543	104,879	487,422
		1949	366,579	100,511	467,090	84,019	22,584	106,603	450,598	123,095	573,693
28	Manufacturing, Primary Industries and Other—Total (Items 19, 22 and 27).....	1947	376,129	322,079	698,199	96,219	147,766	243,985	422,348	419,836	842,184
		1948	411,758	312,220	723,978	106,833	170,132	276,965	518,591	482,352	1,000,943
		1949	461,199	305,745	766,944	115,591	178,733	294,324	576,790	484,478	1,061,268

(1) Regional detail available only for manufacturing, mining, forestry, central electric stations, telephones, and electric railways and housing.

(2) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

(3) This adjustment includes an allowance for capital items charged to operating expenses and for new establishments not included in the detailed estimates.

TABLE IX.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY SELECTED GROUPS (1), PRAIRIE PROVINCES, 1947 TO 1949 (2)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	MANUFACTURING— Food and Beverages.....	1947	3,417	6,426	9,843	2,088	3,564	5,652	5,505	9,990	15,495
		1948	4,397	7,637	12,034	2,030	5,145	7,175	6,427	12,782	19,209
		1949	3,840	4,288	8,128	1,979	4,054	6,033	5,819	8,342	14,161
2	Leather Products.....	1947	6	47	53	36	65	101	42	112	154
		1948	86	52	138	10	58	68	96	110	206
		1949	8	34	42	3	39	42	11	113	124
3	Textile Products.....	1947	29	227	247	27	74	101	47	301	348
		1948	21	188	209	33	68	101	54	256	310
		1949	29	79	108	23	70	93	52	149	201
4	Clothing.....	1947	80	383	463	156	194	350	236	577	813
		1948	50	561	611	78	297	375	128	858	986
		1949	85	463	548	51	285	336	166	748	914
5	Wood Products.....	1947	750	1,108	1,858	291	886	1,177	1,041	1,994	3,035
		1948	533	855	1,388	281	828	1,109	814	1,683	2,497
		1949	178	553	731	321	731	1,052	499	1,284	1,783
6	Paper Products.....	1947	77	289	366	51	140	191	128	429	557
		1948	506	1,098	1,604	176	491	667	682	1,589	2,271
		1949	88	351	439	199	692	891	287	1,043	1,330
7	Printing, Publishing and Allied Trades.....	1947	424	1,194	1,618	103	397	500	527	1,591	2,118
		1948	418	1,053	1,471	152	368	520	570	1,421	1,991
		1949	130	671	801	133	384	517	263	1,055	1,318
8	Iron and Steel Products.....	1947	549	1,297	1,846	432	821	1,253	981	2,118	3,099
		1948	763	817	1,586	260	868	1,128	1,029	1,685	2,714
		1949	600	804	1,404	212	856	1,068	812	1,660	2,472
9	Transportation Equipment.....	1947	165	399	555	419	1,143	1,562	584	1,533	2,117
		1948	768	324	1,092	559	1,283	1,842	1,327	1,607	2,934
		1949	219	483	702	696	1,589	2,285	915	2,072	2,987
10	Non-Ferrous Metal Products.....	1947	59	75	134	33	804	837	92	879	971
		1948	84	62	146	87	775	862	171	837	1,008
		1949	1,133	2,218	3,351	79	800	879	1,212	3,018	4,230
11	Electrical Apparatus and Supplies.....	1947	19	44	63	17	13	30	36	57	93
		1948	26	42	68	21	24	45	47	66	113
		1949	66	48	114	18	26	44	84	74	158
12	Non-Metallic Mineral Products...	1947	139	506	645	198	929	1,127	337	1,435	1,772
		1948	680	1,229	1,909	207	1,241	1,448	887	2,470	3,357
		1949	194	1,263	1,457	171	1,214	1,385	365	2,477	2,642
13	Products of Petroleum and Coal..	1947	2,971	255	3,226	208	1,534	1,742	3,179	1,789	4,968
		1948	7,011	1,272	8,283	913	802	1,715	7,024	2,074	9,998
		1949	7,588	2,236	9,824	1,187	839	2,026	8,775	3,075	11,850
14	Chemical Products.....	1947	185	300	485	76	536	612	261	836	1,097
		1948	293	627	920	58	596	654	351	1,223	1,574
		1949	144	255	399	89	610	679	213	865	1,078
15	Miscellaneous.....	1947	8	62	70	82	40	122	90	102	192
		1948	.....	12	12	67	17	84	67	29	96
		1949	6	24	30	61	19	80	67	43	110
16	Special Adjustment (*).....	1947	.....	2,800	2,800	.....	.....	.....	2,800	2,800	.....
		1948	600	2,900	3,500	.....	.....	.....	600	2,900	3,500
		1949	600	2,905	3,505	.....	.....	.....	600	2,905	3,505
17	Manufacturing—Total (Items 1 to 16).....	1947	8,869	15,403	24,272	4,217	11,140	15,357	13,086	26,543	39,629
		1948	16,242	18,729	34,971	4,932	12,861	17,793	21,174	31,590	52,764
		1949	14,908	16,695	31,603	5,232	12,228	17,460	20,140	28,923	49,063

TABLE IX.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY SELECTED GROUPS⁽¹⁾, PRAIRIE PROVINCES⁽²⁾, 1947 TO 1949⁽³⁾—Concluded

(Thousand of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures		
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
18	PRIMARY INDUSTRIES—									
	Mining.....	1947 8,089	9,532	17,621	1,823	5,604	7,427	9,912	15,136	25,048
		1948 17,343	31,291	48,634	898	7,242	8,140	18,441	38,536	56,977
		1949 16,079	32,228	48,307	948	7,556	8,504	17,027	39,784	56,811
19	Forestry.....	1947 40	160	200	37	148	185	77	308	385
		1948 506	785	1,291	277	1,141	1,418	783	1,926	2,709
		1949 100	614	714	245	869	1,114	345	1,483	1,828
20	Primary Industries—Total	1947 8,129	9,692	17,821	1,860	5,752	7,612	9,989	15,444	25,433
	(Items 18 and 19).....	1948 18,049	32,079	50,128	1,175	8,383	9,558	19,224	40,462	59,686
		1949 16,179	32,842	49,021	1,193	8,425	9,618	17,372	41,267	58,039
21	OTHER—									
	Central Electric Stations.....	1947 7,114	6,058	13,199	1,401	1,302	2,703	8,542	7,360	15,902
		1948 10,005	9,962	19,967	2,587	1,342	3,929	12,592	11,304	23,896
		1949 14,881	9,305	24,186	2,384	1,050	3,434	17,265	10,355	27,620
22	Telephones.....	1947 2,778	4,492	7,270	1,934	1,372	3,306	4,712	5,864	10,576
		1948 2,908	7,235	11,143	2,504	1,480	3,984	6,412	8,715	15,127
		1949 4,354	6,883	11,237	2,969	1,735	4,704	7,323	8,618	15,941
23	Electric Railways.....	1947 361	3,916	4,277	741	1,804	2,545	1,102	5,729	6,822
		1948 2,093	1,496	6,589	1,205	1,769	3,034	3,358	6,265	9,623
		1949 634	555	1,209	630	1,837	2,467	1,284	2,392	3,076
24	Residential Housing.....	1947 89,700	.....	89,700	23,000	.....	23,000	112,700	.....	112,700
		1948 123,600	.....	123,600	30,600	.....	30,600	154,200	.....	154,200
		1949 127,900	.....	127,900	29,700	.....	29,700	157,600	.....	157,600
25	Other—Total (Items 21 to 24)	1947 99,880	14,466	114,346	27,076	4,478	31,554	127,056	18,944	146,000
		1948 139,606	21,693	161,299	36,956	4,591	41,547	176,502	26,284	202,846
		1949 147,789	16,743	164,532	35,683	4,622	40,305	183,472	21,365	204,837
26	Manufacturing, Primary Industries	1947 116,928	39,561	156,489	33,153	21,370	54,523	150,131	60,931	211,062
	and Other—Total (Items 17,	1948 173,897	72,501	246,398	43,063	25,835	68,898	216,960	98,336	315,296
	20 and 25).....	1949 178,876	66,280	245,156	42,108	25,275	67,383	220,984	91,555	312,539

(1) Regional detail available only for manufacturing, mining, forestry, central electric stations, telephones, electric railways and housing.

(2) Includes Northwest Territories.

(3) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

(4) This includes an allowance for capital items charged to operating expenses and for new establishments not included in the detailed estimates.

TABLE X.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY SELECTED GROUPS, BRITISH COLUMBIA, 1947 TO 1949 (2)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	MANUFACTURING— Food and Beverages	1947	3,755	3,986	7,741	1,073	2,058	3,131	4,828	6,044	10,872
		1948	2,952	4,107	7,059	987	2,133	3,120	3,939	6,240	10,179
		1949	1,513	2,305	3,818	880	1,781	2,661	2,393	4,086	6,479
2	Leather Products	1947	15	58	73	25	36	61	40	94	134
		1948	2	32	34	53	20	73	55	52	107
		1949	2	23	25	14	20	34	16	43	59
3	Textile Products	1947	123	181	304	116	48	164	239	229	468
		1948	27	230	257	30	116	146	57	346	403
		1949	30	371	401	28	97	125	58	468	526
4	Clothing	1947	116	101	220	39	42	81	155	146	301
		1948	2	71	76	18	50	68	20	124	144
		1949	47	85	132	21	52	73	68	137	205
5	Wood Products	1947	3,034	6,115	9,449	2,235	7,681	9,916	5,269	14,096	19,365
		1948	2,275	6,037	8,813	2,182	7,040	10,122	4,957	13,977	18,934
		1949	4,117	4,631	8,251	1,871	7,254	9,125	5,988	11,888	17,576
6	Paper Products	1947	4,814	7,582	12,396	1,339	2,847	4,186	6,153	10,429	16,582
		1948	6,703	7,329	14,032	1,364	4,236	5,600	8,067	11,565	19,632
		1949	16,924	16,668	32,992	1,422	4,247	5,669	18,346	20,315	38,661
7	Printing, Publishing and Allied Trades	1947	718	789	1,507	55	144	199	773	933	1,706
		1948	378	951	1,329	09	225	294	447	1,176	1,623
		1949	79	574	653	61	188	249	140	762	902
8	Iron and Steel Products	1947	568	894	1,462	218	814	1,032	786	1,708	2,494
		1948	344	750	1,094	167	871	1,038	511	1,621	2,132
		1949	101	646	747	160	936	1,096	261	1,582	1,843
9	Transportation Equipment	1947	143	231	374	220	489	709	363	729	1,093
		1948	49	141	190	198	460	658	267	691	848
		1949	57	89	146	197	232	429	254	321	575
10	Non-Ferrous Metal Products	1947	206	364	570	179	2,727	2,906	385	3,091	3,476
		1948	296	1,210	1,506	306	5,053	5,359	602	6,263	6,865
		1949	429	1,269	1,698	319	5,220	5,539	748	6,489	7,237
11	Electrical Apparatus and Supplies	1947	40	40	80	17	19	36	57	59	116
		1948	5	18	23	7	23	30	12	41	53
		1949	80	30	110	10	18	28	99	48	147
12	Non-Metallic Mineral Products	1947	77	171	248	147	159	306	224	330	554
		1948	67	461	528	107	515	622	174	976	1,150
		1949	250	280	530	86	562	648	336	842	1,178
13	Products of Petroleum and Coal	1947	369	371	740	122	581	703	491	952	1,443
		1948	4,031	696	4,727	853	307	1,160	4,884	1,003	5,887
		1949	2,162	587	2,749	941	288	1,229	3,103	875	3,978
14	Chemical Products	1947	673	468	1,141	688	2,069	2,757	1,361	2,537	3,898
		1948	490	619	1,019	102	2,299	3,431	502	3,548	4,050
		1949	317	829	1,146	92	3,158	3,250	409	3,987	4,396
15	Other Industries	1947	792	282	1,074	21	60	81	813	342	1,155
		1948	154	131	285	38	49	87	192	180	372
		1949	407	85	492	29	36	65	436	121	557
16	Special Adjustment (3)	1947	.....	4,300	4,300	.....	.....	.....	.....	4,300	4,300
		1948	700	4,300	5,000	.....	.....	.....	700	4,300	5,000
		1949	1,000	5,696	6,696	.....	.....	.....	1,000	5,696	6,696
17	Manufacturing—Total (Items 1 to 16)	1947	15,443	26,236	41,679	6,494	19,774	26,268	21,937	46,010	67,947
		1948	18,885	27,092	45,977	6,481	24,930	31,411	25,366	52,022	77,388
		1949	27,515	33,577	61,092	6,140	24,092	30,232	33,655	57,669	91,324

TABLE X.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY
SELECTED GROUPS⁽¹⁾, BRITISH COLUMBIA⁽²⁾, 1947 TO 1949⁽³⁾—*Concluded*

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures		
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
18	PRIMARY INDUSTRIES—									
	Mining.....	1947 3,888	4,154	8,042	558	4,077	4,935	4,746	8,231	12,977
		1948 1,171	5,971	7,142	699	1,793	2,492	1,870	7,764	9,634
		1949 1,849	3,283	5,132	706	1,726	2,432	2,655	5,009	7,564
19	Forestry.....	1947 2,182	6,574	8,756	1,196	8,023	9,219	3,378	14,507	17,975
		1948 3,720	6,888	10,608	2,514	8,007	10,521	6,234	14,895	21,129
		1949 1,841	3,860	5,701	1,735	6,803	8,338	3,570	10,463	14,039
20	Primary Industries—Total (Items 18 and 19).....	1947 6,070	10,728	16,798	2,054	12,100	14,154	8,124	22,828	30,952
		1948 4,881	12,859	17,759	3,213	9,800	13,013	8,104	22,659	30,763
		1949 3,690	7,143	10,833	2,441	8,329	10,770	6,131	15,472	21,603
21	OTHER—									
	Central Electric Stations.....	1947 14,137	9,799	23,936	625	411	1,036	14,762	10,210	24,972
		1948 22,930	17,498	40,428	812	1,216	2,028	23,742	18,714	42,456
		1949 20,218	18,372	38,590	1,255	892	2,147	21,473	19,264	40,737
22	Telephones.....	1947 1,791	3,808	5,600	1,088	1,368	2,456	2,879	5,177	8,056
		1948 2,337	4,884	7,221	1,055	1,448	2,503	3,392	6,332	9,724
		1949 2,576	5,016	7,592	1,207	1,657	2,864	3,783	6,673	10,456
23	Electric Railways.....	1947 2,721	1,599	4,320	1,708	1,288	2,996	4,429	2,887	7,316
		1948 3,193	1,600	4,793	2,011	2,060	4,071	5,204	3,060	8,264
		1949 4,010	1,211	5,221	3,014	1,662	4,676	7,024	2,873	9,897
24	Residential Housing.....	1947 74,900		74,900	19,200		19,200	94,100		94,100
		1948 93,700		93,700	23,200		23,200	116,900		116,900
		1949 92,400		92,400	22,100		22,100	114,500		114,500
25	Other—Total (Items 21 to 24).....	1947 93,549	15,207	108,756	22,621	3,067	25,688	118,170	18,274	134,444
		1948 122,160	23,382	145,542	27,078	4,724	31,802	149,238	28,106	177,344
		1949 118,204	24,599	142,803	27,576	4,211	31,787	146,780	28,810	175,590
26	Manufacturing, Primary Industries and Other—Total (Items 17, 20 and 25).....	1947 115,062	52,171	167,233	31,169	34,941	66,110	146,231	87,112	233,343
		1948 145,936	63,333	209,269	36,772	39,454	76,226	182,708	102,787	285,495
		1949 150,409	65,319	215,728	36,157	36,632	72,789	186,566	101,951	288,517

(1) Regional detail available only for manufacturing, mining, forestry, central electric stations, telephones, electric railways and housing.

(2) Includes Yukon.

(3) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

(4) This adjustment includes an allowance for capital items charged to operating expenses and for new establishments not included in the detailed estimates.

TABLE XI.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY MANUFACTURING, GREATER HALIFAX, 1947 TO 1949⁽¹⁾

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Food and Beverages.....	1947	236	747	983	305	333	638	541	1,080	1,621
		1948	298	943	1,241	187	289	476	485	1,232	1,717
		1949	204	610	814	148	263	411	352	873	1,225
2	Clothing.....	1947		3	3	2	6	8	2	9	11
		1948		5	5	3	3	6	3	8	11
		1949		8	8	2	4	6	2	12	14
3	Wood Products.....	1947	16	23	39	3	11	14	19	34	53
		1948	16	31	47	5	11	16	21	42	63
		1949	2	3	5	6	10	16	8	13	21
4	Paper Products.....	1947	11	5	16	8	16	34	19	21	40
		1948		26	26	10	21	31	10	47	57
		1949		31	31	8	19	27	8	50	58
5	Printing, Publishing and Allied Industries.....	1947	14	135	139	35	26	61	49	151	200
		1948	16	296	302	35	40	75	51	326	377
		1949	39	171	210	42	41	83	81	212	293
6	Iron and Steel Products.....	1947	2	20	22	12	14	26	14	34	48
		1948		8	8	5	8	13	5	16	21
		1949	5	8	13	6	5	11	11	13	24
7	Transportation Equipment.....	1947	109	90	199	245	464	709	354	554	908
		1948	196	75	271	198	455	653	394	530	924
		1949	93	204	297	221	492	713	314	696	1,010
8	Non-Metallic Mineral Products...	1947		1	1		1	1		2	2
		1948					1	1		1	1
		1949					1	1		1	1
9	Products of Petroleum and Coal...	1947	74	42	116	35	520	555	109	562	671
		1948	52	76	128	533	72	605	585	143	733
		1949	138	42	180	570	84	654	708	126	834
10	Other Industries.....	1947	89	23	112	31	77	108	120	100	220
		1948		105	105	26	53	79	26	153	184
		1949		10	10	24	58	82	24	68	92
11	Total (Items 1 to 10).....	1947	551	1,079	1,630	676	1,468	2,144	1,227	2,547	3,774
		1948	578	1,555	2,133	1,002	953	1,955	1,580	2,508	4,088
		1949	481	1,087	1,568	1,027	977	2,004	1,508	2,064	3,572

⁽¹⁾ Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE XII.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY
MANUFACTURING, GREATER SAINT JOHN, 1947 TO 1949(1)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Food and Beverages.....	1947	121	554	675	125	276	401	246	830	1,076
		1948	20	461	481	108	313	421	128	774	902
		1949	6	389	395	89	338	427	95	727	822
2	Textile Products.....	1947		24	24	5	16	21	5	40	45
		1948		78	78	7	26	33	7	104	111
		1949		50	59	16	29	45	16	88	104
3	Clothing.....	1947		13	13	2	5	7	2	18	20
		1948		11	11	2	4	6	2	15	17
		1949		1	1	2	5	7	2	8	8
4	Wood Products.....	1947	29	21	50	17	163	180	46	184	230
		1948	34	76	110	20	75	95	54	151	205
		1949	6	39	45	12	22	34	18	61	79
5	Paper Products.....	1947	63	321	384	34	426	460	97	747	844
		1948	3	328	331	35	507	542	38	835	873
		1949	64	252	316	54	377	431	118	629	747
6	Printing, Publishing and Allied Industries.....	1947		10	10	3	6	9	3	16	19
		1948		30	30	6	6	12	6	36	42
		1949		16	16	6	9	15	6	25	31
7	Iron and Steel Products.....	1947	2		2	4	33	37	6	33	39
		1948				3	36	39	3	36	39
		1949	8	16	24	10	37	47	18	53	71
8	Transportation Equipment.....	1947	5	7	12	22	83	105	27	90	117
		1948	5	16	21	6	129	135	11	145	156
		1949	2	5	7	5	87	92	7	92	99
9	Non-Ferrous Metal Products.....	1947				15	20	35	15	20	35
		1948	10	31	41	25	12	37	35	43	78
		1949		26	26	15	12	27	15	38	53
10	Chemical Products.....	1947	14	6	20	16	80	96	30	86	116
		1948	35	32	67	12	69	81	47	101	148
		1949	206	163	369	26	57	83	232	160	392
11	Miscellaneous.....	1947		57	57	41	68	109	41	125	166
		1948		25	25	9	23	32	9	48	57
		1949		42	42	10	26	30	10	68	78
12	Total (Items 1 to 11).....	1947	234	1,013	1,247	284	1,176	1,460	518	2,189	2,707
		1948	107	1,088	1,195	233	1,200	1,433	340	2,288	2,628
		1949	292	948	1,240	245	999	1,244	537	1,947	2,484

(1) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE XIII.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY MANUFACTURING, GREATER QUEBEC CITY, 1947 TO 1949⁽¹⁾

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Food and Beverages.....	1947	241	438	679	155	233	388	396	671	1,067
		1948	957	1,048	2,035	172	270	442	1,159	1,318	2,477
		1949	1,283	419	1,702	173	260	433	1,456	679	2,135
2	Tobacco and Tobacco Products..	1947	51	181	232	44	104	148	95	285	390
		1948	30	155	185	53	99	152	83	254	337
		1949	21	93	114	59	101	160	80	194	274
3	Leather Products.....	1947	41	102	143	115	192	307	156	294	450
		1948	33	141	174	91	284	375	124	425	549
		1949	24	118	142	75	262	337	99	390	479
4	Clothing.....	1947	66	72	138	111	97	208	177	169	346
		1948	144	73	217	101	153	254	245	226	471
		1949	392	81	473	104	131	235	496	212	708
5	Wood Products.....	1947	21	98	119	25	83	108	46	181	227
		1948	114	208	322	29	84	113	143	292	435
		1949	5	51	56	16	52	68	21	103	124
6	Paper Products.....	1947	19	115	134	40	911	951	59	1,026	1,085
		1948	45	14	59	20	12	32	65	26	91
		1949	8	1,483	1,491	18	426	441	23	1,909	1,932
7	Printing, Publishing and Allied Industries.....	1947	8	165	173	37	77	114	45	242	287
		1948	187	453	640	28	91	119	215	544	759
		1949	211	416	627	27	93	120	238	509	747
8	Iron and Steel Products.....	1947	153	22	175	25	25	50	178	47	225
		1948	34	51	85	14	34	48	48	85	133
		1949	24	24	48	18	26	44	42	50	92
9	Transportation Equipment.....	1947	138	283	421	107	565	672	245	848	1,093
		1948	353	122	475	100	168	268	453	290	743
		1949		14	14	81	153	234	81	167	248
10	Non-Ferrous Metal Products.....	1947	10	32	42	20	26	46	30	58	88
		1948	17	44	61	6	19	25	23	63	86
		1949	6	12	18	6	18	24	12	30	42
11	Non-Metallic Mineral Products.....	1947	14	129	143	12	47	59	26	176	202
		1948	17	11	28	6	8	14	23	19	42
		1949		62	62	6	9	15	6	71	77
12	Chemical Products.....	1947	1,606	907	2,513	92	125	217	1,698	1,032	2,730
		1948	506	731	1,237	26	42	68	532	773	1,305
		1949	87	102	189	25	72	97	112	174	286
13	Other Industries.....	1947	11	40	51	55	117	172	66	157	223
		1948	20	1,138	1,158	9	24	33	29	1,162	1,191
		1949		85	85	15	115	130	15	290	215
14	Total (Items 1 to 13).....	1947	2,379	2,584	4,963	838	2,602	3,440	3,217	5,186	8,403
		1948	2,487	4,189	6,676	655	1,288	1,943	3,142	5,477	8,614
		1949	2,061	2,960	5,021	620	1,718	2,338	2,681	4,678	7,359

⁽¹⁾ Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE XIV.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY MANUFACTURING, GREATER MONTREAL, 1947 TO 1949 (1)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Food and Beverages.....	1947	4,411	7,244	11,655	1,537	3,714	5,251	5,948	10,958	16,906
		1948	4,921	9,195	14,116	1,650	4,640	6,290	6,571	13,835	20,406
		1949	8,143	8,408	16,551	1,663	4,712	6,375	9,806	13,120	22,926
2	Tobacco and Tobacco Products.....	1947	374	1,518	1,892	209	549	758	583	2,067	2,650
		1948	609	889	1,498	323	641	964	932	1,530	2,462
		1949	3,389	842	4,231	424	775	1,199	3,813	1,617	5,430
3	Rubber Products.....	1947	289	536	825	111	492	603	400	1,028	1,428
		1948	325	421	746	63	364	427	388	785	1,173
		1949	78	370	448	47	330	377	125	700	825
4	Leather Products.....	1947	239	296	535	104	324	428	343	620	963
		1948	50	374	424	139	508	647	199	882	1,071
		1949	49	321	370	146	490	636	195	811	1,006
5	Textile Products.....	1947	1,049	2,209	3,258	509	1,670	1,579	1,558	3,279	4,837
		1948	1,149	1,898	3,047	504	1,204	1,708	1,653	3,102	4,755
		1949	1,430	3,533	4,963	588	1,260	1,848	2,018	4,793	6,811
6	Clothing.....	1947	851	1,869	2,720	532	1,144	1,676	1,383	3,013	4,396
		1948	161	2,506	2,667	516	1,200	1,716	677	3,706	4,383
		1949	625	1,878	2,503	438	1,312	1,750	1,063	3,190	4,253
7	Wood Products.....	1947	1,001	941	1,942	249	668	917	1,250	1,609	2,859
		1948	253	875	1,128	377	595	972	630	1,470	2,100
		1949	249	505	754	274	572	846	523	1,077	1,600
8	Paper Products.....	1947	253	743	996	230	946	1,176	483	1,689	2,172
		1948	677	1,803	2,480	258	1,411	1,669	935	3,214	4,149
		1949	264	1,866	2,130	264	1,790	2,054	528	3,656	4,184
9	Printing, Publishing and Allied Industries.....	1947	360	1,477	1,837	293	584	877	653	2,061	2,714
		1948	1,449	3,308	4,757	340	771	1,111	1,780	4,079	5,868
		1949	1,162	2,295	3,457	340	820	1,160	1,502	3,115	4,617
10	Iron and Steel Products.....	1947	2,884	7,254	10,138	1,017	4,150	5,167	3,901	11,404	15,305
		1948	2,342	5,579	7,921	1,157	5,080	6,237	3,499	10,659	14,158
		1949	3,191	6,209	9,400	1,110	5,504	6,614	4,301	11,713	16,014
11	Transportation Equipment.....	1947	1,409	2,435	3,844	749	2,790	3,539	2,158	5,225	7,383
		1948	720	1,963	2,683	998	2,663	3,661	1,718	4,626	6,344
		1949	1,843	2,307	4,150	847	3,177	4,024	2,690	5,484	8,174
12	Non-Ferrous Metal Products.....	1947	400	828	1,228	218	1,078	1,296	618	1,906	2,524
		1948	483	672	1,165	279	1,257	1,536	762	1,879	2,641
		1949	216	1,399	1,615	261	1,241	1,502	477	2,640	3,117
13	Electrical Apparatus and Supplies.....	1947	3,513	2,467	5,980	349	2,068	2,417	3,862	4,535	8,397
		1948	1,299	3,985	5,284	743	2,688	3,411	2,042	6,653	8,695
		1949	192	5,061	5,253	508	2,886	3,394	706	7,947	8,647
14	Non-Metallic Mineral Products.....	1947	4,831	1,696	6,527	204	1,107	1,311	5,035	2,803	7,838
		1948	1,059	1,872	2,931	194	3,935	4,129	1,253	5,807	7,060
		1949	361	1,265	1,626	155	2,671	2,826	516	3,936	4,452
15	Products of Petroleum and Coal.....	1947	12,847	3,103	15,950	978	1,570	2,548	13,825	4,673	18,498
		1948	9,541	11,914	21,455	1,269	1,740	3,009	10,810	13,654	24,464
		1949	5,893	10,158	16,051	1,341	2,195	3,536	7,234	12,353	19,587
16	Chemical Products.....	1947	3,458	4,540	7,998	814	1,057	1,871	4,272	5,597	9,869
		1948	1,518	2,832	4,350	712	998	1,710	2,230	3,830	6,060
		1949	426	1,292	1,718	558	903	1,461	984	2,195	3,179
17	Miscellaneous.....	1947	565	337	902	55	240	295	620	577	1,197
		1948	118	295	413	151	277	428	269	572	841
		1949	301	335	636	104	312	416	405	647	1,052
18	Total (Items 1 to 17).....	1947	38,734	39,493	78,227	8,158	23,551	31,709	46,892	63,044	109,936
		1948	26,674	50,331	77,005	9,673	29,952	39,625	36,347	80,283	116,630
		1949	27,812	48,044	75,856	9,068	30,950	40,108	36,880	78,994	115,874

(1) Revised estimate for 1947, preliminary actual 1948, forecast 1949 (see Appendix).

TABLE XV.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY
MANUFACTURING, GREATER OTTAWA, 1947 TO 1949 (1)

(Thousands of Dollars)

Item No.	Type of Expenditure		Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures		
			Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Food and Beverages.....	1947	1,377	1,587	2,964	160	526	686	1,537	2,113	3,650
		1948	1,021	2,140	3,161	188	636	824	1,209	2,776	3,985
		1949	1,384	1,197	2,581	181	714	895	1,565	1,911	3,476
2	Leather Products.....	1947		13	13	2	6	8	2	19	21
		1948		16	16	6	5	11	6	21	27
		1949		5	5	4	5	9	4	10	14
3	Textile Products.....	1947	7	5	12	10	7	17	17	12	29
		1948		2	2	4	8	12	4	10	14
		1949		4	4	4	10	14	4	14	18
4	Clothing.....	1947		34	34	10	19	29	10	53	63
		1948		22	22	8	29	37	8	51	59
		1949		47	47	5	28	33	5	75	80
5	Wood Products.....	1947	101	124	225	35	58	93	136	182	318
		1948	91	135	226	62	256	318	153	391	544
		1949	135	134	269	49	309	358	184	443	627
6	Paper Products.....	1947	213	1,030	1,243	54	1,059	1,113	267	2,089	2,356
		1948	388	2,421	2,809	109	1,462	1,571	497	3,883	4,380
		1949	147	726	873	107	1,382	1,489	254	2,108	2,362
7	Printing, Publishing and Allied Industries.....	1947	1,196	411	1,607	73	236	309	1,269	647	1,916
		1948	831	284	1,115	49	367	416	680	651	1,331
		1949	980	401	1,381	39	347	386	1,019	748	1,767
8	Iron and Steel Products.....	1947	103	284	387	229	255	484	332	539	871
		1948		143	143	124	1	125	124	144	268
		1949	25	131	156	118	1	120	144	132	276
9	Transportation Equipment.....	1947									
		1948	35	58	113	32	13	45	87	71	158
		1949	181	48	229	25	13	38	206	61	267
10	Non-Ferrous Metal Products.....	1947	85	206	291	12	48	60	97	254	351
		1948	55	55	110	12	22	34	67	77	144
		1949	4	88	92	7	29	36	11	117	128
11	Electrical Apparatus and Supplies.....	1947		1	1		1	1		2	2
		1948	1		1	3	1	4	4	1	5
		1949				1	1	2	1	1	2
12	Non-Metallic Mineral Products.....	1947	14	145	159	19	70	89	33	215	248
		1948	188	334	522	9	255	264	197	589	786
		1949	24	78	102	5	271	276	29	349	378
13	Chemical Products.....	1947	59	50	109	3	14	17	62	64	126
		1948	48	18	66	6	20	26	54	38	92
		1949	15	23	38	15	18	33	30	41	71
14	Miscellaneous.....	1947	62	63	125	10	47	57	72	110	182
		1948	24	71	95	10	36	46	34	107	141
		1949	63	91	154	10	42	52	73	133	206
15	Total (Items 1 to 14).....	1947	3,217	3,953	7,170	617	2,346	2,963	3,834	6,299	10,133
		1948	2,702	5,699	8,401	622	3,111	3,733	3,324	8,810	12,134
		1949	2,958	2,973	5,931	571	3,170	3,741	3,529	6,143	9,872

(1) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE XVI.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY
MANUFACTURING, GREATER TORONTO, 1947 TO 1949 (1)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7);	(8)	(9)	
1	Food and Beverages.....	1947	7,140	6,412	13,552	2,004	2,815	4,819	9,144	9,227	18,371
		1948	5,843	8,889	14,732	2,093	3,355	5,448	7,936	12,244	20,180
		1949	4,022	6,882	10,904	2,288	3,254	5,542	6,310	10,136	16,446
2	Tobacco and Tobacco Products.....	1947				2	10	12	2	10	12
		1948		6	6	6	6	12	6	12	18
		1949		11	11	50	10	60	50	21	71
3	Rubber Products.....	1947	984	2,155	3,139	518	1,559	2,077	1,502	3,714	5,216
		1948	695	1,614	2,309	200	1,881	2,081	896	3,525	4,420
		1949	20	1,612	1,632	173	1,794	1,967	193	3,406	3,599
4	Leather Products.....	1947	223	244	464	95	256	351	318	497	815
		1948	322	257	579	83	330	413	405	587	992
		1949	18	205	223	05	321	326	83	526	609
5	Textile Products.....	1947	523	1,094	1,617	201	561	822	784	1,655	2,439
		1948	374	1,116	1,492	250	690	940	621	1,806	2,427
		1949	71	475	546	212	634	840	283	1,109	1,392
6	Clothing.....	1947	447	1,989	2,436	390	893	1,283	837	2,882	3,719
		1948	672	1,741	2,413	359	803	1,162	1,031	2,544	3,575
		1949	259	1,293	1,552	330	826	1,156	589	2,119	2,708
7	Wood Products.....	1947	264	360	624	176	294	470	440	654	1,094
		1948	155	715	870	202	493	755	417	1,208	1,625
		1949	303	539	842	215	456	671	518	995	1,513
8	Paper Products.....	1947	8,491	6,616	15,107	242	1,405	1,647	8,733	8,021	16,754
		1948	1,510	2,584	4,094	478	1,951	2,429	1,988	4,535	6,523
		1949	614	1,444	2,058	291	1,658	1,949	905	3,102	4,007
9	Printing, Publishing and Allied Industries.....	1947	1,612	3,104	4,716	418	857	1,275	2,030	3,061	5,991
		1948	2,776	3,681	6,457	386	1,478	1,864	3,162	5,159	8,321
		1949	1,869	3,991	5,860	420	1,237	1,657	2,289	5,228	7,517
10	Iron and Steel Products.....	1947	3,603	5,193	8,796	1,005	3,599	4,594	4,608	8,782	13,390
		1948	2,895	4,486	7,381	1,263	4,624	5,887	4,158	9,110	13,268
		1949	2,282	4,250	6,532	1,373	4,928	6,301	3,055	9,448	13,103
11	Transportation Equipment.....	1947	662	2,579	3,241	655	3,626	4,281	1,317	6,205	7,522
		1948	900	1,181	1,991	380	1,980	2,360	1,180	3,161	4,341
		1949	682	1,219	1,901	300	1,183	1,483	682	2,402	3,384
12	Non-Ferrous Metal Products.....	1947	717	1,691	2,408	443	1,422	1,865	1,160	3,113	4,273
		1948	1,189	1,419	2,608	432	1,178	1,610	1,621	2,597	4,218
		1949	647	1,275	1,922	434	1,241	1,675	1,081	2,516	3,597
13	Electrical Apparatus and Supplies....	1947	1,218	3,089	4,307	1,117	1,853	2,970	2,335	4,942	7,277
		1948	532	2,824	3,356	1,131	1,996	3,127	1,663	4,820	6,483
		1949	1,070	3,341	4,411	1,138	2,083	3,221	2,208	5,424	7,632
14	Non-Metallic Mineral Products.....	1947	253	533	786	119	520	639	372	1,053	1,425
		1948	381	950	1,361	114	585	699	495	1,565	2,060
		1949	196	390	586	134	570	704	330	960	1,290
15	Products of Petroleum and Coal.....	1947	533	203	736	19	331	350	552	534	1,086
		1948	1,144	387	1,531	45	713	758	1,189	1,100	2,289
		1949	86	736	822	46	742	788	132	1,478	1,610
16	Chemical Products.....	1947	5,584	1,090	6,674	475	1,650	2,131	6,059	5,746	11,805
		1948	3,000	5,687	8,687	623	2,063	2,686	3,623	7,750	11,373
		1949	5,715	10,202	15,917	606	2,021	2,627	6,321	12,233	18,544
17	Miscellaneous.....	1947	1,625	3,216	4,841	669	1,568	2,237	2,294	4,784	7,078
		1948	728	1,197	1,925	378	691	1,069	1,106	1,888	2,994
		1949	462	1,479	1,891	310	747	1,057	772	2,176	2,948
18	Total (Items 1 to 17).....	1947	33,879	42,565	76,444	8,608	23,215	31,823	42,487	65,780	108,267
		1948	23,013	38,794	61,807	8,483	24,817	33,300	31,496	63,611	95,107
		1949	18,316	39,564	57,880	8,385	23,705	32,090	26,701	63,269	89,970

(1) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE XVII.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY
MANUFACTURING, **GREATER HAMILTON**, 1947 TO 1949⁽¹⁾
(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Food and Beverages.....	1947	288	956	1,244	137	334	471	425	1,290	1,715
		1948	347	1,091	1,438	184	420	604	531	1,511	2,042
		1949	863	1,337	2,200	196	369	565	1,059	1,706	2,675
2	Tobacco and Tobacco Products..	1947		200	200	12	55	67	12	255	267
		1948		235	235	12	60	72	12	295	307
		1949		82	82	12	62	74	12	144	156
3	Rubber Products.....	1947	155	592	747	14	209	223	169	801	970
		1948	76	597	673	12	254	266	88	851	939
		1949	807	709	1,516	11	237	248	818	946	1,764
4	Leather Products.....	1947	13	1	14	5	4	9	18	5	23
		1948					8	8		8	8
		1949		2	2		3	3		5	5
5	Textile Products.....	1947	58	1,109	1,167	163	503	666	221	1,612	1,833
		1948	110	810	920	112	507	619	222	1,317	1,539
		1949	509	645	1,154	92	462	554	601	1,107	1,708
6	Clothing.....	1947	109	412	521	99	199	298	208	611	819
		1948	228	589	817	60	431	491	288	1,020	1,308
		1949	151	728	879	50	274	324	201	1,092	1,293
7	Wood Products.....	1947	3	11	14	8	14	22	11	25	36
		1948		38	38	9	14	23	9	52	61
		1949	3	36	39	6	16	22	9	52	61
8	Paper Products.....	1947	97	274	371	60	234	294	157	508	665
		1948	691	312	1,003	45	227	272	736	539	1,275
		1949	191	268	369	65	219	284	166	487	653
9	Printing, Publishing and Allied Industries.....	1947	8	94	102	24	55	79	32	149	181
		1948	63	284	347	32	78	110	95	362	457
		1949	127	511	638	33	97	130	160	608	768
10	Iron and Steel Products.....	1947	3,038	10,472	13,510	1,393	8,348	9,741	4,431	18,820	23,251
		1948	2,412	6,062	8,474	1,138	8,015	9,153	3,550	14,077	17,627
		1949	1,688	6,486	8,174	1,494	8,776	10,270	3,182	15,262	18,444
11	Transportation Equipment.....	1947	2	165	167	87	136	223	89	301	390
		1948	75	882	957	118	173	291	193	1,055	1,248
		1949	45	506	551	80	195	281	131	701	832
12	Non-Ferrous Metal Products.....	1947	270	281	551	21	151	172	291	432	723
		1948	11	188	199	55	139	194	66	327	393
		1949	39	276	315	62	161	223	101	437	538
13	Electrical Apparatus and Supplies	1947	159	783	942	75	1,580	1,655	234	2,363	2,597
		1948	160	1,214	1,374	134	1,976	2,110	294	3,190	3,484
		1949	3,734	1,153	4,887	191	2,422	2,613	3,925	3,575	7,500
14	Non-Metallic Mineral Products...	1947	148	328	476	84	800	884	232	1,128	1,360
		1948	645	476	1,121	79	1,037	1,116	724	1,513	2,237
		1949	393	459	852	101	1,115	1,216	494	1,574	2,068
15	Products of Petroleum and Coal..	1947	71	4,898	4,969	57	518	575	128	5,416	5,544
		1948	4,270	9,525	13,795	882	4,760	5,642	5,152	14,285	19,437
		1949	1,227	6,070	7,297	937	5,145	6,082	2,164	11,215	13,379
16	Chemical Products.....	1947	299	2,133	2,432	58	446	594	357	2,579	2,936
		1948	561	1,510	2,071	79	508	587	640	2,018	2,658
		1949	606	2,248	2,854	74	521	595	680	2,769	3,449
17	Miscellaneous.....	1947	35	64	99	16	28	44	51	92	143
		1948	32	104	136	36	35	71	68	139	207
		1949	11	75	86	17	32	49	28	107	135
18	Total (Items 1 to 17).....	1947	4,753	22,723	27,526	2,313	13,614	15,927	7,066	36,387	43,453
		1948	9,681	23,917	33,598	2,987	18,642	21,629	12,668	42,559	55,227
		1949	10,304	31,591	31,895	3,427	20,106	23,533	13,731	41,697	56,428

(1) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE XVIII.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY MANUFACTURING, **GREATER WINDSOR**, 1947 TO 1949⁽¹⁾

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Food and Beverages.....	1947	985	964	1,989	178	529	707	1,103	1,493	2,596
		1948	911	945	1,856	200	676	876	1,111	1,621	2,732
		1949	688	740	1,428	301	524	825	989	1,264	2,253
2	Textile Products.....	1947		57	57	4	51	55	4	108	112
		1948	10	30	40	11	77	88	21	107	128
		1949	3	25	28	10	47	57	13	72	85
3	Clothing.....	1947					9	9		9	9
		1948		5	5	3	11	14	3	14	19
		1949		15	15	3	10	13	3	25	28
4	Wood Products.....	1947	6	70	76	12	20	32	18	90	108
		1948	2	37	39	7	15	22	9	52	61
		1949	187	57	244	7	19	26	104	76	270
5	Paper Products.....	1947		10	10	8	9	17	8	19	27
		1948		31	31	4	14	18	4	45	49
		1949		20	20	4	16	20	4	36	40
6	Printing, Publishing and Allied Industries.....	1947	3	161	164	29	26	55	32	187	219
		1948	6	58	64	17	19	36	23	77	100
		1949		62	62	17	25	42	17	87	104
7	Iron and Steel Products.....	1947	179	676	855	387	1,382	1,669	406	2,058	2,524
		1948	216	743	979	347	1,613	1,960	563	2,376	2,939
		1949	307	1,036	1,343	377	1,758	2,135	684	2,794	3,478
8	Transportation Equipment.....	1947	458	2,635	3,093	1,150	3,902	5,052	1,608	6,537	8,145
		1948	2,027	2,945	4,972	1,792	5,742	7,534	3,819	8,687	12,506
		1949	2,915	4,530	7,445	924	6,225	7,149	3,839	10,755	14,594
9	Non-Ferrous Metal Products.....	1947	3	7	10	2	6	8	5	13	18
		1948	12		12	1	8	9	13	8	21
		1949	6	1	7		8	8	6	9	15
10	Electrical Apparatus and Supplies.....	1947	11	2	13	2	10	12	13	12	25
		1948		2	2	2	6	8	2	8	10
		1949		10	10	1	9	10	1	19	20
11	Non-Metallic Mineral Products.....	1947		28	28	6	128	134	6	156	162
		1948	3	100	103	4	93	97	7	193	200
		1949		74	74	2	84	86	2	158	160
12	Chemical Products.....	1947	489	371	860	278	525	803	767	896	1,663
		1948	57	288	345	47	690	737	104	978	1,082
		1949	9	468	477	44	725	769	53	1,193	1,246
13	Other Industries.....	1947	2	135	137	5	380	385	7	515	522
		1948	42	41	85	6	60	75	48	112	160
		1949	35	24	59	3	66	69	38	90	128
14	Total (Items 1 to 13).....	1947	2,076	5,116	7,192	1,961	6,977	8,938	4,037	12,093	16,130
		1948	3,286	5,247	8,533	2,441	9,033	11,474	5,727	14,289	20,307
		1949	4,150	7,062	11,212	1,693	9,516	11,209	5,843	16,578	22,421

⁽¹⁾ Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE XIX.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY MANUFACTURING. GREATER WINNIPEG, 1947 TO 1949 (1)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Food and Beverages.....	1947	791	1,197	1,991	932	1,290	2,222	1,726	2,487	4,213
		1948	1,275	2,374	3,649	661	1,948	2,609	1,936	4,322	6,258
		1949	1,275	1,372	2,647	928	1,365	2,293	2,203	2,737	4,940
2	Leather Products.....	1947	6	47	53	36	58	94	42	105	147
		1948	86	46	132	10	51	61	96	97	193
		1949	8	32	40	3	47	50	11	79	90
3	Textile Products.....	1947	10	138	148	17	41	58	27	179	206
		1948	4	17	21	11	36	47	15	53	68
		1949	5	34	39	9	34	43	14	68	82
4	Clothing.....	1947	17	318	335	137	162	299	154	480	634
		1948	18	454	472	51	254	305	69	708	777
		1949	82	340	402	44	243	287	106	583	689
5	Wood Products.....	1947	254	75	329	61	74	135	315	149	464
		1948	165	291	369	76	163	239	241	367	608
		1949	46	107	153	68	142	210	114	249	363
6	Paper Products.....	1947	37	282	319	38	136	174	75	418	493
		1948	48	242	290	31	155	186	79	397	476
		1949	.....	171	174	34	158	192	34	332	366
7	Printing, Publishing and Allied Industries.....	1947	14	842	826	47	246	293	61	1,058	1,119
		1948	114	648	762	68	201	269	182	849	1,031
		1949	91	362	453	60	210	270	151	572	723
8	Iron and Steel Products.....	1947	299	394	693	155	263	418	364	657	1,021
		1948	454	456	914	128	350	478	586	806	1,392
		1949	332	621	953	105	334	439	437	965	1,392
9	Transportation Equipment.....	1947	200	204	401	200	657	857	400	861	1,261
		1948	208	381	589	473	1,163	1,636	681	1,544	2,225
		1949	714	365	1,079	598	1,460	2,058	1,312	1,825	3,137
10	Non-Ferrous Metal Products.....	1947	1	26	27	6	13	19	7	39	46
		1948	35	35	70	22	16	38	57	51	108
		1949	19	43	62	12	17	29	31	60	91
11	Electrical Apparatus and Supplies.....	1947	19	41	63	17	13	30	36	57	93
		1948	26	41	67	21	23	44	47	64	111
		1949	66	13	109	18	25	43	84	68	152
12	Non-Metallic Mineral Products.....	1947	1	71	72	39	251	290	40	322	362
		1948	51	320	371	13	374	387	64	694	758
		1949	47	808	855	8	383	391	55	1,191	1,246
13	Products of Petroleum and Coal.....	1947	120	69	189	91	206	297	211	275	486
		1948	95	211	306	41	174	215	136	385	521
		1949	47	148	195	38	161	199	85	309	394
14	Chemical Products.....	1947	79	108	187	35	98	133	114	206	320
		1948	71	185	256	24	110	134	95	295	390
		1949	58	72	130	22	106	128	80	178	258
15	Miscellaneous.....	1947	.....	47	47	8	34	42	8	81	89
		1948	15	35	50	27	18	45	42	53	95
		1949	9	52	61	19	21	40	28	73	101
16	Total (Items 1 to 15).....	1947	1,761	3,832	5,593	1,819	3,542	5,361	3,580	7,374	10,954
		1948	2,669	5,649	8,318	1,657	5,036	6,693	4,326	10,685	15,011
		1949	2,779	4,573	7,352	1,966	4,706	6,672	4,745	9,279	14,024

(1) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE XX.—CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES, COVERING ONLY
MANUFACTURING, GREATER VANCOUVER, 1947 TO 1949 (1)

(Thousands of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Food and Beverages.....	1947	2,853	2,979	5,832	569	1,209	1,778	3,422	4,188	7,610
		1948	2,159	2,996	5,155	709	1,656	2,365	2,868	4,652	7,520
		1949	914	1,687	2,601	602	1,334	1,936	1,516	3,021	4,537
2	Leather Products.....	1947	15	58	73	25	36	61	40	94	134
		1948	2	32	34	53	20	73	55	52	107
		1949	2	24	26	12	20	32	14	44	58
3	Textile Products.....	1947	123	179	302	114	45	159	237	224	461
		1948	19	228	247	30	109	139	49	337	386
		1949	30	368	398	28	93	121	58	461	519
4	Clothing.....	1947	114	104	218	38	42	80	152	146	298
		1948	2	72	74	17	50	67	19	122	141
		1949	48	85	133	20	53	73	68	138	206
5	Wood Products.....	1947	1,041	1,732	2,773	967	2,750	3,717	2,008	4,482	6,490
		1948	1,128	1,893	3,021	895	3,207	4,102	2,023	5,100	7,123
		1949	567	1,314	1,881	638	2,761	3,399	1,205	4,075	5,280
6	Paper Products.....	1947	646	2,134	2,780	81	206	287	727	2,340	3,067
		1948	136	787	923	138	476	614	274	1,263	1,537
		1949	118	471	589	142	501	643	260	972	1,232
7	Printing, Publishing and Allied Industries.....	1947	620	625	1,245	43	107	150	663	732	1,395
		1948	251	797	1,078	56	182	238	337	979	1,316
		1949	5	438	443	51	143	194	56	581	637
8	Iron and Steel Products.....	1947	395	850	1,245	196	766	962	591	1,616	2,207
		1948	363	712	1,015	153	817	970	456	1,529	1,985
		1949	95	611	706	151	895	1,046	246	1,506	1,752
9	Transportation Equipment.....	1947	131	163	294	176	425	601	307	588	895
		1948	394	262	646	224	406	630	608	668	1,276
		1949	221	151	372	194	184	378	415	335	760
10	Non-Ferrous Metal Products.....	1947	5	65	70	4	23	27	9	88	97
		1948	.....	34	34	8	37	45	8	71	79
		1949	17	29	46	10	42	52	27	71	98
11	Electrical Apparatus and Supplies.....	1947	39	39	78	17	19	36	56	58	114
		1948	5	18	23	7	22	29	12	40	52
		1949	78	29	107	19	18	37	97	47	144
12	Non-Metallic Mineral Products.....	1947	24	151	175	77	114	191	101	265	366
		1948	39	339	378	84	473	557	123	812	935
		1949	57	87	144	63	218	281	120	305	425
13	Products of Petroleum and Coal.....	1947	236	327	563	109	298	407	345	625	979
		1948	3,127	320	3,447	579	174	753	3,706	464	4,200
		1949	1,982	448	2,430	653	196	849	2,635	644	3,279
14	Chemical Products.....	1947	359	229	588	39	97	136	398	326	724
		1948	298	215	423	60	164	224	268	379	647
		1949	364	173	477	50	147	197	354	320	674
15	Other Industries.....	1947	786	247	1,033	21	36	57	807	283	1,090
		1948	220	230	450	82	89	171	302	319	621
		1949	648	173	1,121	58	63	121	1,006	236	1,242
16	Total (Items 1 to 15).....	1947	7,387	9,882	17,269	2,476	6,173	8,649	9,863	16,055	25,918
		1948	8,013	8,935	16,948	3,095	7,882	10,977	11,108	16,817	27,925
		1949	5,386	6,088	11,474	2,691	6,668	9,359	8,077	12,756	20,833

(1) Revised estimate for 1947, preliminary actual for 1948, forecast 1949 (see Appendix).

TABLE XXI.—INVESTMENT LEVELS IN CANADA IN RECENT YEARS, 1945 TO 1948 (1)

(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Business (including Government Owned Corporations).....	1945	226	344	570	275	486	761	501	830	1,331
		1946	382	571	953	271	494	765	653	1,065	1,718
		1947	521	995	1,516	307	582	889	829	1,577	2,405
		1948	653	1,207	1,860	334	710	1,044	987	1,917	2,904
2	Institutions and Housing.....	1945	337	5	342	113	3	116	450	8	458
		1946	466	7	473	130	4	134	596	11	607
		1947	602	11	613	154	4	158	756	15	771
		1948	794	16	810	192	6	198	986	22	1,008
3	Direct Government.....	1945	143	93	236	77	6	83	220	99	319
		1946	166	28	194	100	7	107	266	35	301
		1947	255	37	292	116	29	145	369	66	435
		1948	325	50	375	135	30	165	460	80	540
4	Total (Items 1 to 3).....	1945	706	442	1,148	465	495	960	1,171	937	2,108
		1946	1,014	606	1,620	501	505	1,006	1,515	1,111	2,626
		1947	1,376	1,043	2,419	577	615	1,192	1,953	1,658	3,611
		1948	1,772	1,273	3,045	661	746	1,407	2,433	2,019	4,452

(1) Estimates of actual expenditures 1945 to 1948.

APPENDIX.—DEFINITIONS, COVERAGE AND QUALITY OF ESTIMATES

DEFINITION OF CAPITAL, REPAIR AND MAINTENANCE EXPENDITURES

The purpose of this report is to set out the anticipated gross expenditures of the whole Canadian economy on durable physical assets which comprise in general the facilities and tools used to produce goods and services.

The nature of the facilities and tools for which these expenditures are made varies from one sector of the economy to another. In the manufacturing industry they cover the costs of purchasing and installing machinery and equipment, and the construction costs of essential buildings. Storage space, workmen's tools, steam shovels and cranes represent some of the main expenditures of the construction industry. Typical government expenditures consist of the building costs of post offices and other government buildings, and the cost of facilities like office furniture and machines, sidewalks, roads and highways, wharves and bridges. Expenditures of institutions are made up of the costs of buildings and equipment normally used by our hospitals, schools, universities and churches. In the mining industry such outlays include all development costs as well as the cost of machinery and equipment. In general the purpose is to obtain gross outlay of the whole economy on the facilities and tools required for the production of goods and services.

Housing is not generally considered as a capital expenditure in the sense mentioned above, but it has been included in this report because it forms a large proportion of construction expenditures and has cyclical fluctuations similar to those which characterize business, institutional and government capital expenditures.

The main emphasis of the report is on capital rather than repair and maintenance expenditures. Capital expenditures cover the total cost of all capital goods purchased whether these are for the replacement of worn out or obsolete assets or represent a net addition to existing assets. Included are purchases from persons outside the business together with the value of work on capital assets undertaken by business with its own working force. Gross outlay is asked for—no deduction for scrap or trade-in value of old assets. Excluded are expenditures made for the purchase of previously existing buildings and other structures, for used machinery and equipment and for land, since outlay of this type involves only the transfer of property and not the production of a capital asset. In determining what items are to be covered under capital it is the intention to include all new capital goods which normally have a life of several years or more. As a very general approximation to this definition companies were asked to report under capital expenditures all new goods charged to fixed assets account. This involves some omission of purchases of capital goods bought regularly each year out of ordinary revenue and charged to "current" or "operating" account. In order to include such purchases adjustments have been made where required and these are included in the relevant tables in the "Special Adjustment" item.

Outlays on buildings and other structures, and outlays on machinery and equipment are shown separately under the headings "Capital Expenditures", and "Repair and Maintenance Expenditures". In the report the expenditure on buildings and other structures has been given the sub-heading of "Construction", and on machinery and equipment the sub-heading of "Machinery and Equipment".

"Construction Expenditures" do not mean only building construction costs. For example in the utilities group "construction" is largely engineering construction such as that on transmission and communication lines, railway road beds, dams and bridges. Government "construction" figures include expenditures on highways, sewers, airfields, sidewalks, and other miscellaneous engineering construction.

COVERAGE

All figures in the various tables of this report are estimates of overall total expenditures. Upward adjustments have been made, where required, to approximate full coverage. Most of these overall estimates are based on direct surveys and the percent coverage in each of these surveys is given in Table XXII below. For the remaining groups independent estimates were made. These groups are also listed in the coverage table with a blank in the percent coverage column.

In the groups covered by direct survey, with the exception of "Direct Government" and "Housing", estimates of expenditures for non-reporting firms were included by multiplying reported expenditures by the 1946 total value of production or revenue of all firms over that of reporting firms. New firms established after 1946, which reported directly, were added to these estimates and an additional allowance was made for new firms which did not report. Capital items charged to operating expenses were also estimated and added to the total in certain tables. The estimates of overall total expenditures reached in this way (for this part of the direct survey group) would not be much in error since reporting firms accounted for 77 per cent of the total. However, estimates for individual industries and groups within regions and cities would be subject to greater errors than the total figures for Canada.

Throughout the business groups surveyed the expenditure figures for the

TABLE XXII.—COVERAGE OF 1948-1949 SURVEY

Item No.	Type of Expenditure	Per cent Coverage ⁽¹⁾
	<i>Agriculture, Fishing and Trapping</i> —(Table I)..... ⁽²⁾
	<i>Forestry</i> ⁽²⁾ —(Table I).....	60.3
	<i>Mining, Quarrying and Oil Wells</i> —(Table I).....	67.2
	<i>Manufacturing</i> —(Table II)	
1	Food and Beverages.....	83.9
2	Tobacco and Tobacco Products.....	98.4
3	Rubber Products.....	74.0
4	Leather Products.....	87.4
5	Textile Products.....	93.5
6	Clothing.....	77.5
7	Wood Products.....	66.3
8	Paper Products.....	94.6
9	Printing, Publishing and Allied Industries.....	79.0
10	Iron and Steel Products.....	88.7
11	Transportation Equipment.....	90.9

TABLE XXII.—COVERAGE OF 1948-1949 SURVEY—concluded

Item No.	Type of Expenditure	Coverage ⁽¹⁾
12	Non-Ferrous Metal Products.....	90.6
13	Electrical Apparatus and Supplies.....	92.2
14	Non-Metallic Mineral Products.....	75.4
15	Products of Petroleum and Coal.....	95.6
16	Chemical Products.....	88.6
17	Miscellaneous.....	80.8
	Total ⁽²⁾ —(Items 1 to 17).....	81.9
	<i>Transportation, Storage and Communication—(Table III)</i>	
1	Telephones.....	95.7
2	Broadcasting.....	84.1
3	Steam Railways and Telegraphs.....	100.0
4	Electric Railways.....	82.0
5	Air Transport.....	94.4
6	Water Transport.....	85.9
7	Motor Carriers.....	59.3
8	Warehousing ⁽³⁾	42.6
9	Grain Elevators.....	89.3
	Total—(Items 1 to 9).....	93.2
	<i>Central Electric Stations and Gas Works—(Table I)</i>	86.3
	<i>Construction Industry⁽²⁾—(Table I)</i>	39.9
	<i>Residential Housing⁽²⁾—(Table I)</i>	63.0
	<i>Trade—(Table IV)</i>	
1	Wholesale (Proprietor) ⁽⁴⁾	51.4
2	Chain Stores.....	77.8
3	Independent Stores..... ⁽²⁾
4	Department Stores.....	86.3
5	Automotive Trade.....	57.2
	Total—(Items 1 to 5).....	33.2
	<i>Finance—(Table IV)</i>	
1	Banks.....	100.0
2	Insurance, Trust and Loan Companies.....	80.5
3	Other Financial..... ⁽²⁾
	Total—(Items 1 to 3).....	35.1
	<i>Commercial Services—(Table V)</i>	
1	Laundries and Dry Cleaners ⁽⁴⁾	49.5
2	Theatres.....	81.0
3	Hotels ⁽⁴⁾	20.5
4	Other Commercial Services..... ⁽²⁾
	Total—(Items 1 to 4).....	25.9
	<i>Institutional Services—(Table V)</i>	
1	Churches.....	78.0
2	Universities.....	75.4
3	Schools.....	61.1
4	Hospitals.....	65.6
	Total—(Items 1 to 4).....	67.2
	<i>Direct Government—(Table V)</i>	85.5
	Total—Groups Covered by Direct Survey.....	73.4
	Total—All Groups.....	60.9

(1) Coverage is calculated by expressing expenditure of reporting firms as a percentage of total estimated expenditure.

(2) In manufacturing and primary industry only establishments having a gross value of production of over \$50,000 were canvassed in entirety. Thus, coverage is apt to be lower for groups where there are a large number of small companies such as forestry and construction.

(3) Independent estimates were made of expenditures in this group.

(4) The preponderance of small establishments in these groups makes a high degree of coverage impracticable.

(5) Coverage for residential housing is calculated by expressing reported completions as a percentage of total estimated completions.

(6) This group was surveyed on a sample basis only.

1948 preliminary actual and the 1949 forecast were reported on the same questionnaire form. This meant that reported figures covering both years came from exactly the same groups of establishments and since the blow-up technique used was the same in each year the percentage change from 1948 to 1949 is not changed from that which would be obtained if percentage change were calculated on the basis of reporting firms only. In other words, although the blow-up technique might under- or over-estimate the absolute amounts, the relative change from 1948 to 1949 is unaltered.

Government estimates obtained in the survey were made directly by municipal, provincial and federal departments or agencies.⁽¹⁾

Housing estimates were made on a different basis from those for other groups covered by direct survey. The first step was a survey by local representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders and contractors, supply firms, mortgage men, and individuals and firms concerned with future housing construction projects. From the information gathered and their own knowledge these local officials made housing estimates for all municipalities in Canada with a population of 5,000 and over. The five regional offices of the Corporation and the head office checked these estimates together. This survey covered only privately initiated housing in municipalities with a population of 5,000 and over. Independent estimates were made of privately initiated housing in areas with a population of less than 5,000, and of the total volume of public or government initiated housing likely to be undertaken next year. Finally an arbitrary allowance was made for conversions, a small part of the total. Allowing for probable changes in construction costs, supplementary estimates were then prepared of the value of new construction work performed and alterations and repair and maintenance work likely to be undertaken in 1949. It is, however, to be kept in mind that these estimates of housing expenditures in 1949 represent a first attempt and are experimental in character. The results cannot be considered more than a first approximation in the light of knowledge available at the end of 1948.

Independent estimates or those not derived from a direct survey were in many cases based on incomplete data and they can only be considered as rough approximations. However these amounted to only 17 per cent of total Canadian investment expenditures.

The total coverage of the survey cannot be expressed clearly in one figure. In the coverage table two figures are given. The first "Groups Covered by Direct Survey" (Table XXII) which includes housing and direct government is given as 73.4 per cent. This figure is simply the expenditures of all reporting firms and agencies expressed as a percentage of total estimated expenditures for the "Direct Survey" group. The second figure "All Groups" (Table XXII) is given as 60.9 per cent. This figure is the expenditures of all reporting firms and agencies expressed as a percentage of overall total estimated expenditures including both "Direct Survey Groups" and independent estimates. There is a third figure on coverage which is of interest, though not given in the coverage table. It is the estimated overall expenditures of the direct survey group (including both reported and estimates of non-reported) expressed as a percentage of overall

⁽¹⁾Provincial and municipal returns were received from all provinces with the exception of Quebec. Estimates for this province were made largely on the basis of past performance, announcements of intended expenditures and the trend indicated for other provinces. All government figures are for fiscal years ending nearest to December 31.

total expenditures. This figure amounts to 83 per cent. It gives the percentage of total expenditures derived from direct surveys. These are thought to be of better quality than the remaining 17 per cent which represent the independent estimates based on much less accurate information.

It is important to note that all tables in the report, with the exception of Summary Table 1, include in each separate figure both private and government expenditures where such occur in the same business category. The grouping together of private and government expenditures, where they fall in the same business categories, provides complete figures for each business group. However, apart from utilities, institutions and residential buildings the government content of business groups is comparatively small.

More complete information on the statistical methods employed in the compilation of data contained in this report is available on request to the Economic Research and Development Branch, Department of Trade and Commerce.

QUALITY OF ESTIMATES

Some firms had not decided upon their complete investment program at the beginning of the year and were unable to state their intentions accurately. Generally, however, capital expenditures, particularly those on structures and large installations, need previous planning and preparation and most firms are able to give a good estimate of expected outlay in replies to queries about their intended investment. In addition the seasonal character of Canadian construction (and transport), etc. frequently demands that early decisions be made regarding the year's plans. Added value might have been given to many of the returns received if personal interviews could have been arranged to discuss definition of expenditures, etc. However the large number of establishments and agencies covered in the survey permitted personal interviews with only a few firms. Nevertheless, as this is the fourth year of the survey for most of the private segments covered it is felt that most groups reporting have a clear understanding of the requirements and purposes of the forecast.

There are various uncertainties that must, of course, be attached to any forecast of this nature. Currency difficulties, changing price trends, import restrictions, and shortages of some materials and skilled labour contribute to the difficulties of making an accurate forecast. Assumptions made on these uncertainties vary among the individual forecasters. Changing circumstances from year to year make it difficult to ascertain whether or not there is any general bias toward understating or overstating the eventual realization on the basis of the experience of previous years.

It is of interest to observe here, how accurately the 1948 investment program was predicted or forecast (see Table XXIII, Appendix, page 50). The overall total of actual capital expenditures in 1948 was about 8 per cent higher than forecast. (Item 10, col. 3.) Within this total, "Business" expenditures (item 5, col. 3) were 5 per cent above the forecast and "Other" expenditures were 13 per cent above. However these variations are in part due to new methods of estimating groups not covered by direct survey and to new techniques of arriving at blow-up estimates in groups covered by direct survey.

All the components of the "Business" group showed some deviation from the original forecast. In "Primary Industries" mining expenditures were later found to have been moderately under-estimated. Manufacturing expenditures

were ups lightly. The "Utilities" group was increased mainly because of a change in railway estimates of expenditure on rolling stock and greater progress than anticipated in electric power development. The original forecast of expenditures in the Trade, Finance and Commercial group was based on an incomplete survey while the actual expenditure of this group was obtained by an improved survey with larger coverage. Consequently it is difficult to determine the exact cause of the change in estimates in this latter case.

In "Other" Expenditures housing accounted for the largest part of the 13 per cent increase. This was probably due in part to the good weather which prevailed throughout most of the construction season, enabling builders to complete more work than was thought possible earlier and in part to an improved method of estimating developed during the year. Government work also went forward more rapidly than anticipated. A reduction in hospital expenditures accounted for most of the decrease in the institutions group. Here it may have been that the forecast was based in some instances on plans for which funds or appropriations were not forthcoming later in the year.

TABLE XXIII.—COMPARISON OF 1948 FORECAST WITH 1948 REALIZATION

(Millions of Dollars)

Item No.	Type of Expenditure	Capital Expenditures			Repair and Maintenance Expenditures			Capital, Repair and Maintenance Expenditures			
		Construction	Machinery and Equipment	Sub-Total	Construction	Machinery and Equipment	Sub-total	Construction	Machinery and Equipment	Total	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Business—(including Government Owned Corporations). Primary Industries and Construction Industry	Forecast 1948	114	350	464	31	168	198	145	518	663
		Realized 1948	108	398	506	44	175	219	152	573	725
2	Manufacturing.....	Forecast 1948	173	381	554	64	202	266	237	583	820
		Realized 1948	174	390	564	63	245	308	237	635	872
3	Utilities ⁽¹⁾	Forecast 1948	193	283	476	156	193	349	349	476	825
		Realized 1948	221	304	525	177	235	412	398	539	937
4	Trade, Finance and Commercial Services	Forecast 1948	133	119	272	54	56	111	207	175	382
		Realized 1948	150	115	265	50	55	105	200	170	370
5	Sub-total (Items 1 to 4)	Forecast 1948	633	1,133	1,766	305	619	924	938	1,752	2,690
		Realized 1948	653	1,207	1,860	334	710	1,044	987	1,917	2,904
6	Other— Institutions.....	Forecast 1948	127	18	145	18	5	23	145	23	168
		Realized 1948	112	16	128	23	6	29	135	22	157
7	Housing.....	Forecast 1948	599	.....	599	137	.....	137	736	.....	736
		Realized 1948	682	.....	682	169	.....	169	851	.....	851
8	Direct Government.....	Forecast 1948	265	44	309	120	22	142	385	66	451
		Realized 1948	325	50	375	135	30	165	460	80	540
9	Sub-total (Items 6 to 8)	Forecast 1948	991	62	1,053	275	27	302	1,266	89	1,355
		Realized 1948	1,119	66	1,185	327	36	363	1,446	102	1,548
10	Total (Items 5 and 9).....	Forecast 1948	1,624	1,195	2,819	580	646	1,226	2,204	1,841	4,045
		Realized ⁽²⁾ 1948	1,772	1,273	3,045	661	740	1,407	2,321	2,433	2,619

(1) Includes transportation, storage and communication; central electric stations and gas works.

(2) Realized expenditures for 1948 have been computed on a slightly different basis than the forecast expenditures for 1948 but this does not materially affect their validity for comparison.

It is important to keep in mind that the 1948 preliminary actual figures are still subject to further revision as more information becomes available. However, these revisions do not as a rule affect the overall totals appreciably although on occasion there are significant changes within some of the groups.

The 1947 preliminary actual figures published last year have now been further revised and these changes are included in the 1947 figures contained in this report. Part of the variation in the revised figures results from the change to the new standard industrial classification.

1010474204

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010474204

C.3