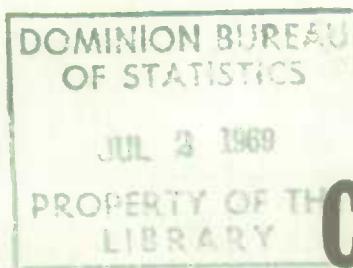
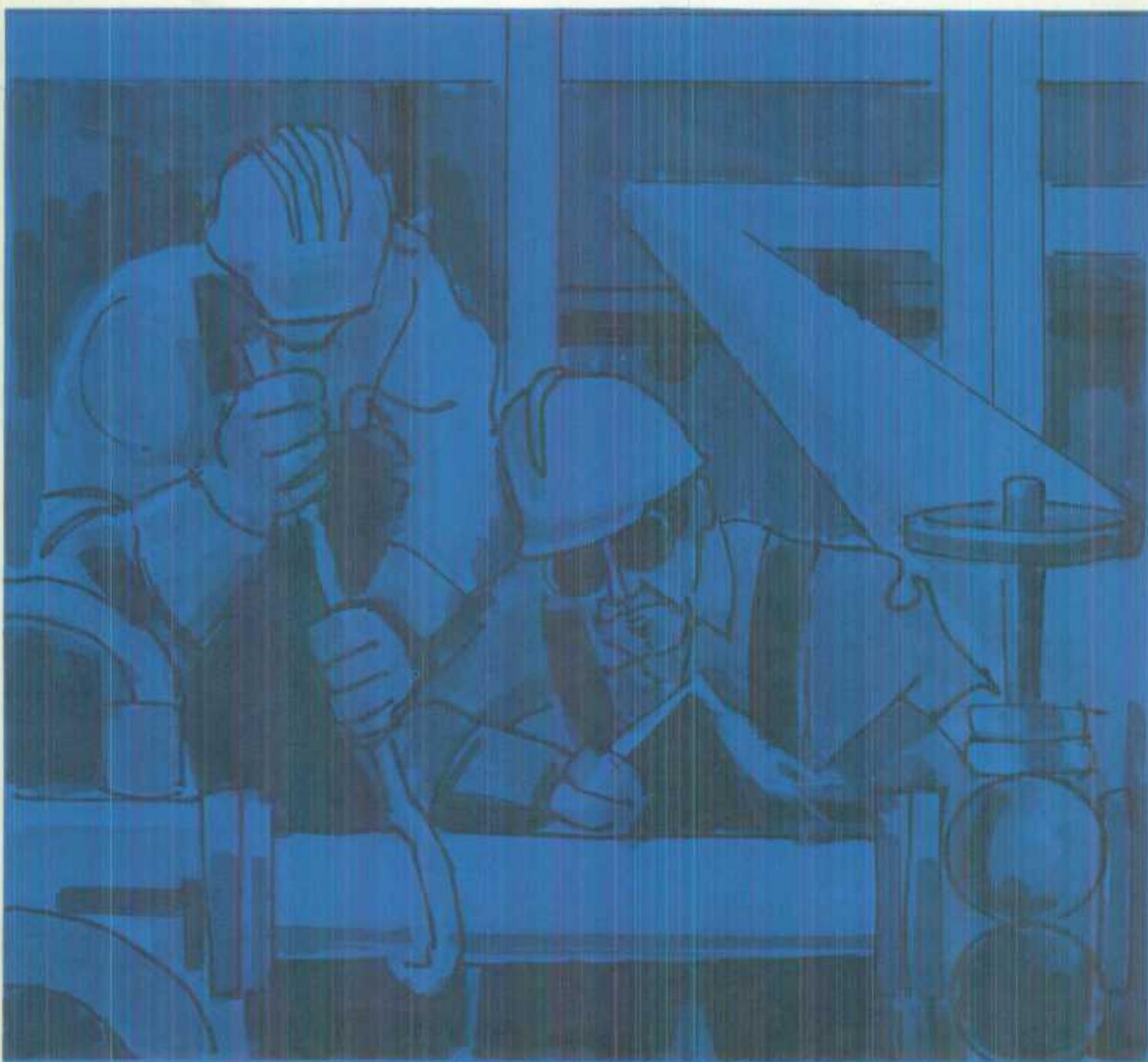


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The Mechanical Contracting Industry

1967



DOMINION BUREAU OF STATISTICS

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DOMINION BUREAU OF STATISTICS

Business Finance Division

Construction Section

THE MECHANICAL CONTRACTING INDUSTRY

1967

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INTRODUCTION

This is the first in a series of publications providing statistical data on selected organizational and operational characteristics of building construction establishments generally known as mechanical contractors. These organizations and their respective trades are specifically responsible for the installation and repair of plumbing, heating process piping, air conditioning and ventilation fabricated sheet metal, automatic sprinkler systems, and other related systems such as environmental controls in all types of building structures.

The data for all tables outlining volumes, costs and other characteristics of "mechanical construction" put in place are based on The 1967 Census of the Mechanical Contracting Industry. Questionnaires for this Census were completed by mechanical contractor respondents during the latter half of 1968 and the first three months of 1969. All in all, this publication presents aggregate data compiled from reports submitted by about 2,000 mechanical contractor establishments.

Data on mechanical construction in this report is presented by province and Canada aggregate in

Table 9 for contractor organizations classified to particular mechanical trades. The data is cross-classified according to establishment size group in Table 5, by type of building structure in Table 6, by new or repair work in Table 7, and by legal entity in Table 8. Included in each of these tables are statistics on the costs of materials used, on the labour content, value of mechanical construction put in place, and on other components of contractor cost, profit and loss.

Grateful acknowledgement is extended to the numerous individuals and organizations that contributed to the development of this census. The consultation provided freely by a special Technical Committee of the Canadian Plumbing and Mechanical Contractors Association and this organization's provincial groups was particularly helpful in developing the Census questionnaire and in eliciting contractor response. The co-operation of the respondents, mechanical contracting organizations and individuals across Canada, was of paramount importance and was highly appreciated.

WALTER E. DUFFETT,
Dominion Statistician.

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TABLE 1. Capital and Repair Expenditures — Summary by Sectors, Canada, 1967-69^{1,2}
(Millions of dollars)

Type of enterprise	Capital expenditures			Repair expenditures			Capital and repair expenditures			
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Total	
Agriculture and fishing ³	1967	255	860	1,115	99	219	318	354	1,079	1,433
	1968	254	765	1,019	99	230	329	353	995	1,348
	1969	253	767	1,020	98	232	330	351	999	1,350
Forestry	1967	38	48	86	19	51	70	57	99	156
	1968	43	41	84	17	47	64	60	88	148
	1969	48	52	100	18	47	65	66	99	165
Mining, quarrying and oil wells ⁴	1967	762	289	1,051	72	188	260	834	477	1,311
	1968	742	298	1,040	83	226	309	825	524	1,349
	1969	751	269	1,020	86	226	312	837	495	1,332
Manufacturing	1967	677	1,857	2,534	180	976	1,156	857	2,833	3,690
	1968	584	1,634	2,218	178	981	1,159	762	2,615	3,377
	1969	619	1,921	2,540	194	1,008	1,202	813	2,929	3,742
Utilities	1967	1,748	1,397	3,145	347	672	1,019	2,095	2,069	4,164
	1968	1,856	1,412	3,268	339	644	983	2,195	2,056	4,251
	1969	1,977	1,489	3,466	365	683	1,048	2,342	2,172	4,514
Construction industry	1967	14	230	244	6	200	206	20	430	450
	1968	14	240	254	5	180	185	19	420	439
	1969	15	250	265	6	210	216	21	460	481
Housing	1967	2,352	—	2,352	713	—	713	3,065	—	3,065
	1968	2,844	—	2,844	729	—	729	3,573	—	3,573
	1969	3,200	—	3,200	772	—	772	3,972	—	3,972
Trade — Wholesale and retail	1967	205	337	542	65	74	139	270	411	681
	1968	218	306	524	54	72	126	272	378	650
	1969	280	332	612	58	76	134	338	408	746
Finance, insurance and real estate	1967	417	81	498	28	11	39	445	92	537
	1968	384	87	471	29	11	40	413	98	511
	1969	425	85	510	28	11	39	453	96	549
Commercial services	1967	142	352	494	23	71	94	165	423	588
	1968	105	349	454	26	70	96	131	419	550
	1969	145	416	561	21	82	103	166	498	664
Institutional services	1967	1,107	208	1,315	88	25	113	1,195	233	1,428
	1968	1,201	214	1,415	96	25	121	1,297	239	1,536
	1969	1,287	233	1,520	105	27	132	1,392	260	1,652
Government departments ⁵	1967	1,731	215	1,946	505	68	573	2,236	283	2,519
	1968	1,891	196	2,087	451	75	526	2,342	271	2,613
	1969	2,034	198	2,232	477	73	550	2,511	271	2,782
Totals	1967	9,448	5,874	15,322	2,145	2,555	4,700	11,593	8,429	20,022
	1968	10,136	5,542	15,678	2,106	2,561	4,667	12,242	8,103	20,345
	1969	11,034	6,012	17,046	2,228	2,675	4,903	13,262	8,687	21,949

¹ Source: "Private and Public Investment in Canada, Outlook 1969" DBS Catalogue No. 61-205.

² Actual expenditures 1967, preliminary actual 1968, intentions 1969.

³ Estimates for capital and repair expenditures in Agriculture have been revised on the basis of the 1958 Farm Income and Expenditure Survey and the 1961 Census of Agriculture, and are not comparable with data for years prior to 1961.

⁴ Estimates for metal and non-metal mining were increased for 1967 and subsequent years following the introduction of a new survey questionnaire and the resultant collection of more complete supplementary data on development and on property exploration expenditures by mining companies in production, those preparing for production and exploration companies. The 1967 increase in level therefore reflects upward revisions on the part of respondents and also a modification of statistical techniques.

⁵ Total for Government Departments include data for departmental Crown corporations and exclude data for proprietary Crown corporations which are all classified as Enterprises. Agency crown corporations, on the other hand, are provisionally classified in part to Enterprises and the remainder to Government Departments.

GENERAL REVIEW

Value of the construction industry's product in 1967 was about \$11.6 billion. New and repair building construction accounted for some \$6.8 billion while the engineering portion contributed about \$4.8 billion to the total programme. The residential component of building construction accounted for about \$3.1 billion

and the non residential about \$3.7 billion. Of the total value of work reported for building construction, about \$6.3 billion was put in place by construction contractors, while the balance amounting to approximately \$0.5 billion was performed by "own account" labour forces.

TABLE 2. Total Value of Construction Work Performed—Contractors and Others by New and Repair, 1965-69^{1,2,3}

Year	Contract construction			Other construction ³			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1965	6,904	966	7,870	1,210	788	1,998	8,114	1,754	9,868
1966	8,062	1,061	9,123	1,221	893	2,114	9,283	1,954	11,237
1967	8,075	1,170	9,245	1,373	976	2,349	9,448	2,146	11,594
1968	8,695	1,176	9,871	1,441	930	2,371	10,136	2,106	12,242
1969	9,485	1,247	10,732	1,550	984	2,534	11,035	2,231	13,266

¹ Source: Construction in Canada 1967-1969, DBS Catalogue No. 64-201.

² Actual 1965-67, preliminary 1968, intentions 1969.

³ Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

TABLE 3. Total Value of Construction Work Performed—Principal Type of Construction, 1965-69^{1,2,3}

Type of construction	1965		1966		1967		1968		1969	
	Value	Per cent of total								
	\$ mill	%								
Total construction	9,868	100.0	11,237	100.0	11,594	100.0	12,242	100.0	13,266	100.0
Total building construction ³	5,906	59.9	6,661	59.3	6,826	58.9	7,283	59.5	8,022	60.5
Residential	2,752	27.9	2,843	25.3	3,065	26.4	3,573	29.2	3,973	30.0
Industrial	776	7.9	1,001	8.9	870	7.5	731	6.0	784	5.9
Commercial	1,015	10.3	1,250	11.1	1,221	10.5	1,156	9.4	1,301	9.8
Institutional	1,019	10.3	1,170	10.4	1,258	10.9	1,397	11.4	1,504	11.3
Other building	344	3.5	397	3.6	412	3.6	426	3.5	460	3.5
Total engineering	3,962	40.1	4,576	40.7	4,768	41.1	4,959	40.5	5,244	39.5

¹ Source: Construction in Canada 1967-69, DBS Catalogue No. 64-201.

² Actual 1965-67, preliminary 1968, intentions 1969.

³ Estimates for types of structure in agriculture have been compiled for 1963, 1964, 1965, 1966, 1967, 1968 and 1969 on the basis of more recent related information and are, therefore, not comparable with data for types of structure in the years prior to 1963.

Results of the 1967 Census of the Mechanical Contracting Industry indicate that establishments classified to this construction sub-industry group had total revenues amounting to \$923,828,855. The gross volume of new, repair, and maintenance construction put in place by 2,021 mechanical contractor establishments in Canada amounted to \$908,739,640. On the basis of net volume (i.e. gross volume minus sub-contracts), these establishments were responsible for \$783,552,573 worth of construction work.

The various trades covered by the Census are more or less exclusively engaged in the Building sector of the construction industry, and these trades accounted for 14.5% of total building construction. The new mechanical portion of total new building construction was about 15%, while the corresponding mechanical proportion of the repair and maintenance component amounted to about 11%.

The analysis of the Census data revealed that the product of the mechanical contractors was composed of the following:

	Dollars
Earnings and withdrawals by owners and partners	4,223,164
Gross salaries	51,792,658
Gross wages	222,816,340
Materials and supplies	394,947,157
Indirect expenses	57,740,216
Depreciation charges	7,347,127
Payments to sub-contractors	125,187,067
Other revenue	15,089,215

The data also revealed that in terms of volume of work put in place, the industry was predominantly involved in the non-residential field; that the proportional contribution of the mechanical trades to total building construction was evenly distributed throughout Canada's regions; that the industry is dominated by a relatively small number of large-volume establish-

ments; that plumbing is clearly the largest single type of mechanical work put in place; and that nearly 90% of the total reported volume was new construction.

An uneven pattern of distribution appears to be characteristic of the Mechanical Contracting Industry in terms of the value of work put in place by the number of establishments primarily engaged in, or classified to, each category of building construction. Mechanical contractors classified to the residential portion of building construction reported new and repair work equal to about 6% of the total volume for residential construction in Canada. In the non-residential sector, the reported volume of mechanical content was considerably higher at about 22%. Some 1,300 establishments classified to the residential field numerically represented about two-thirds of all mechanical establishments which responded to the Census. The same group, however, performed only one-fifth of the total reported volume. By contrast, the 264 or 13% of the responding establishments classified to the industrial sector accounted for one-third of the total reported volume. Firms primarily engaged in commercial building construction numbered 194. They represented about 10% of all reporting establishments and contributed about 20% of the total mechanical work put in place. Some 13% of all reporting establishments, primarily engaged in work on institutional type buildings were responsible for almost 30% of the total mechanical volume.

The regional breakdown of the industry's output, in relation to the corresponding regional share of total building construction volume and to the proportional regional distribution of reporting mechanical contractor establishments shows a consistent pattern. The Atlantic Provinces reported 7.6% of the total volume of mechanical work (the regional share of total building construction volume was 6.7% and the regional share of total mechanical contractor establishments reporting was 6.3%). Similar breakdowns for other regions are as follows: Quebec - 19.7% (23.5% and 25.6%), Ontario - 44.7% (39.7% and 41.6%), Prairie Provinces - 17.9% (17.7% and 16.1%), British Columbia - 10.1% (12.4% and 10.4%).

In terms of volume put in place, it is evident that the Mechanical Contracting Industry is dominated by a small number of large firms. This conclusion is substantiated in an analysis of the industry by size group. The 166 firms which reported net sales (excluding sub-contracts) of \$1 million or more, numerically represent only about 8% of all Census respondents. Their combined sales, however, are equivalent to about 62% of the total mechanical volume. By contrast, firms with net sales of less than \$100,000 numerically represent more than half of the total reporting establishments. However, the combined value of their sales amounts to only 5.7% of the total mechanical volume. In the analysis of other size categories, 442 or 21.9% of the 2,021 reporting firms had an annual net volume in the range of \$100,000 to \$249,999. These firms contributed 8.4% of the total output. About 24% of the industry's total volume was accounted for by some 371 firms (18% of all firms) with an annual net volume of \$250,000 to \$999,999.

A large number of the establishments which responded to the Census were classified as being primarily engaged in plumbing. It is suspected that questionnaire editing procedures may have resulted in the allocation of firms and volumes of business to the plumbing category beyond a representative share of the total mechanical contracting industry. With 57.3% of the total number of reporting firms classified to plumbing, and a corresponding 42.8% of the total reported gross volume, plumbing was statistically predominant among the sub-trade categories. The breakdown for other trade classifications shows the wet heating category with 8.9% of the firms accounting for 12.1% of the total gross volume; dry heating with 15.1% of the firms contributing 5.9% of the total volume; process piping, 3.6% of the firms and 15.0% of the volume; air conditioning and ventilation, 6.1% of the firms and 9.6% of the volume; fabricated sheet metal, 4.1% of the firms and 6.8% of the volume; automatic sprinkler systems, 1.4% of the firms and 2.0% of the volume; and other mechanical trades, 3.5% of the firms and 5.8% of the volume.

TABLE 4. Total Value of Construction Work Performed - Principal Type of Construction by Industry, 1967-69^{1,2,3,4}

Industry	1967			1968			1969		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
	thousands of dollars								
Totals	6,825,680	4,768,349	11,594,029	7,282,651	4,958,951	12,241,602	8,022,005	5,244,473	13,266,478
Agriculture and fishing ³	229,642	123,905	353,547	229,194	123,680	352,874	227,699	122,876	350,575
Forestry	9,728	47,862	57,590	8,525	51,420	59,945	10,251	56,231	66,482
Mining, quarrying and oil wells ⁴	165,747	668,553	834,300	162,985	662,015	825,000	163,173	674,427	837,600
Construction	19,658	342	20,000	18,642	358	19,000	20,596	404	21,000
Manufacturing	660,274	197,081	857,355	541,828	219,511	761,339	583,344	230,514	813,858
Utilities	197,447	1,896,981	2,094,428	198,975	1,996,105	2,195,080	235,836	2,106,512	2,342,348
Trade - Wholesale and retail	256,301	13,973	270,274	259,433	12,361	271,794	318,198	20,144	338,342
Finance, insurance and real estate	437,092	7,214	444,306	403,916	9,021	412,937	449,534	3,652	453,186
Commercial services	149,771	15,881	165,652	127,885	3,514	131,399	164,664	1,903	166,567
Housing	3,064,700	-	3,064,700	3,572,400	-	3,572,400	3,972,600	-	3,972,600
Institutional services	1,183,816	11,756	1,195,572	1,286,518	10,707	1,297,225	1,385,027	7,037	1,392,064
Government departments	451,504	1,784,801	2,236,305	472,350	1,870,259	2,342,609	491,083	2,020,773	2,511,856

¹ Source: Construction in Canada 1967-69, DBS Catalogue No. 64-201.

² Actual 1967, preliminary 1968, intentions 1969.

³ See footnote 3, Table 1.

⁴ See footnote 4, Table 1.

TABLE 5. Summary of Statistics of Firms classified by Size Group¹, Canada, 1967

Item	Total	\$0 - 49,999	\$50,000 - 99,999	\$100,000 - 249,999	\$250,000 - 499,999	\$500,000 - 999,999	\$1,000,000 and over
Mechanical contracting firms							
number							
Total firms	2,021	643	399	442	216	155	166
Firms classified by legal entity:							
Sole proprietorship	677	470	158	43	3	3	2
Partnership	106	37	39	20	8		
Incorporated company	1,238	136	202	379	205	152	164
Firms classified by type of contractor:							
Prime contractor	1,195	534	278	239	66	46	32
Prime sub-contractor	674	87	91	171	123	86	116
Sub-contractor	152	22	30	32	27	23	18
Firms classified by type of construction:							
Residential (single, duplex, triplex)	1,125	511	279	239	55	29	12
Residential (other)	166	57	30	39	19	10	11
Industrial	264	32	39	59	46	30	58
Commercial	194	36	31	43	31	28	25
Institutional	264	3	20	62	65	58	
Other ²	8	4			—	—	60
Firms classified by type of work:							
New construction	1,223	225	203	311	188	141	155
Renovation	249	108	64	50	14	7	6
Repair and maintenance	549	310	132	81	14	7	5
Total man-hours of wage earning employees	62,314,526	1,046,093	2,311,890	5,532,191	5,814,875	8,702,092	38,907,385
Journeymen	47,350,368	756,961	1,669,768	3,896,710	4,028,537	6,396,422	30,601,970
Apprentices	14,964,158	289,132	642,122	1,635,481	1,786,338	2,305,670	8,305,415
Salaried employees	6,826	166	435	956	865	1,013	3,391
dollars							
Total capital and repair expenditures	12,474,000	686,000	974,000	1,435,000	1,257,000	1,955,000	6,167,000
<i>Total capital expenditures:</i>							
Construction	3,250,000	154,000	393,000	283,000	234,000	700,000	1,486,000
Machinery and equipment	6,288,000	356,000	431,000	748,000	661,000	841,000	3,251,000
<i>Total repair expenditures:</i>							
Construction	762,000	40,000	51,000	100,000	126,000	115,000	330,000
Machinery and equipment	2,174,000	136,000	99,000	304,000	236,000	209,000	1,100,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	4,223,164	2,055,756	1,336,691	555,447	150,576	12	12
Total gross salaries paid	51,792,658	568,087	2,178,628	5,725,001	6,515,490	8,007,697	28,797,755
Total gross wages paid	222,816,340	2,712,595	7,101,658	16,924,811	19,087,867	30,085,957	146,903,452
Cost of materials and supplies	394,947,157	7,606,979	16,451,203	35,989,842	39,496,452	58,073,784	237,328,897
Other indirect costs	57,740,216	2,241,655	3,295,875	6,972,071	6,336,330	8,838,992	30,055,293
Depreciation charges	7,347,127	443,397	583,105	1,107,029	882,885	1,092,912	3,237,799
Net profit before tax	48,849,850	1,630,958	2,252,691	4,942,281	5,118,050	6,575,594	28,454,970
Loss	4,163,939	322,140	463,326	829,406	655,774	1,236,549	656,744
Total billings	908,739,640	17,265,459	34,694,600	76,702,452	89,707,600	128,184,931	562,184,598
Payments to sub-contractors	125,187,067	328,172	1,958,075	5,315,376	12,775,724	16,746,544	88,063,176
Total value of work by own labour force	783,552,573	16,937,287	32,736,525	71,387,076	76,931,876	111,438,387	474,121,422
Revenue (other than from construction operations)³	15,089,215	1,047,139	1,990,496	2,780,798	2,911,555	2,367,433	3,991,794

See footnote(s) on page 13.

TABLE 5. Summary of Statistics of Firms classified by Size Group¹, Canada, 1967 — Continued

Item	Total	\$0 - 49,999 99,999	\$50,000 - 99,999	\$100,000 - 249,999	\$250,000 - 499,999	\$500,000 - 999,999	\$1,000,000 and over
Plumbing firms							
number							
Total firms	1,157	406	235	269	113	71	63
Total man-hours of wage earning employees	24,076,676	560,897	1,308,189	3,218,068	2,948,908	3,835,260	12,205,354
Journeymen	16,712,783	396,386	912,585	2,230,175	2,060,369	2,673,587	8,439,681
Apprentices	7,363,893	164,511	395,604	987,893	888,539	1,161,673	3,765,673
Salaried employees	2,813	93	231	567	432	431	1,059
dollars							
Total capital and repair expenditures	4,875,000	363,000	418,000	822,000	613,000	800,000	1,859,000
<i>Total capital expenditures:</i>							
Construction	1,130,000	61,000	139,000	148,000	69,000	210,000	503,000
Machinery and equipment	2,532,000	222,000	196,000	432,000	354,000	383,000	945,000
<i>Total repair expenditures:</i>							
Construction	367,000	17,000	31,000	61,000	75,000	66,000	117,000
Machinery and equipment	846,000	63,000	52,000	181,000	115,000	141,000	294,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	2,637,889	1,283,532	819,678	392,582	90,357	12	12
Total gross salaries paid	21,334,206	289,993	1,028,391	3,384,465	3,293,754	3,337,018	10,000,585
Total gross wages paid	82,925,934	1,470,754	3,556,447	9,770,438	9,921,086	12,736,080	45,471,129
Cost of materials and supplies	173,942,531	5,010,493	8,484,224	22,986,996	21,726,959	28,245,105	87,488,754
Other indirect costs	26,099,312	1,327,872	1,623,696	4,126,408	2,970,517	4,174,712	11,876,107
Depreciation charges	3,292,364	244,705	314,724	700,265	486,118	523,663	1,022,889
Net profit before tax	20,795,547	1,032,034	1,090,763	2,838,267	2,723,623	2,564,369	10,598,231
Loss	2,156,455	206,704	261,216	414,322	222,529	716,065	335,619
Total billings	388,664,194	10,631,851	17,246,199	46,642,617	47,275,892	59,300,502	207,567,133
Payments to sub-contractors	59,792,866	179,172	589,492	2,857,518	6,286,007	8,435,620	41,445,057
Total value of work by own labour force	328,871,328	10,452,679	16,656,707	43,785,099	40,989,885	50,864,882	166,122,076
Revenue (other than from construction operations) ³	5,417,734	642,880	615,955	1,111,731	1,409,373	985,598	652,197
Wet heating firms							
number							
Total firms	179	37	29	37	33	20	23
Total man-hours of wage earning employees	7,828,678	62,649	164,523	473,913	828,065	1,127,058	5,172,470
Journeymen	6,743,029	45,822	128,894	325,960	566,258	882,198	4,793,897
Apprentices	1,085,649	16,827	35,629	147,953	261,807	244,860	378,573
Salaried employees	884	9	35	79	127	117	517
dollars							
Total capital and repair expenditures	1,469,000	71,000	50,000	111,000	175,000	351,000	711,000
<i>Total capital expenditures:</i>							
Construction	279,000	31,000	7,000	7,000	10,000	176,000	48,000
Machinery and equipment	869,000	20,000	31,000	81,000	96,000	98,000	543,000
<i>Total repair expenditures:</i>							
Construction	57,000	1,000	6,000	6,000	22,000	8,000	14,000
Machinery and equipment	264,000	19,000	6,000	17,000	47,000	69,000	106,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	262,138	122,132	106,250	33,756	—	—	—
Total gross salaries paid	7,183,107	35,109	178,667	476,255	1,065,532	1,025,893	4,401,651
Total gross wages paid	31,652,969	158,219	397,940	1,341,949	2,745,202	4,212,320	22,797,339
Cost of materials and supplies	42,265,215	375,479	1,026,688	3,026,525	6,077,266	7,632,265	24,126,992
Other indirect costs	5,607,472	115,328	286,824	523,529	998,253	692,109	2,991,429
Depreciation charges	983,682	28,788	46,554	86,249	105,648	128,058	588,385
Net profit before tax	4,108,832	71,966	152,967	359,787	868,384	491,058	2,075,872
Loss	304,334	12	86,204	67,178	62,154	12	12
Total billings	109,812,225	939,969	2,167,697	6,554,118	16,050,255	17,247,200	66,852,986
Payments to sub-contractors	18,053,144	32,948	58,011	773,246	4,252,124	3,065,497	9,871,318
Total value of work by own labour force	91,759,081	907,021	2,109,686	5,780,872	11,798,131	14,181,703	56,981,668
Revenue (other than from construction operations) ³	2,814,647	19,000	97,977	296,003	1,036,297	924,361	441,009

See footnote(s) on page 13.

TABLE 5. Summary of Statistics of Firms classified by Size Group¹, Canada, 1967 — Continued

Item	Total	\$0-49,999	\$50,000- 99,999	\$100,000- 249,999	\$250,000- 499,999	\$500,000- 999,999	\$1,000,000 and over
		Dry heating firms					
		number					
Total firms	306	131	79	57	17	14	8
Total man-hours of wage earning employees	3,923,876	280,703	453,534	737,109	451,421	908,825	1,092,284
Journeymen	2,962,453	207,374	349,122	532,362	322,300	615,519	935,776
Apprentices	961,423	73,329	104,412	204,747	129,121	293,306	156,508
Salaried employees	510	39	76	106	51	100	138
dollars							
Total capital and repair expenditures	963,000	188,000	204,000	240,000	79,000	109,000	143,000
Total capital expenditures:							
Construction	242,000	53,000	60,000	100,000	4,000	5,000	20,000
Machinery and equipment	463,000	75,000	114,000	81,000	52,000	69,000	72,000
Total repair expenditures:							
Construction	104,000	14,000	9,000	22,000	8,000	24,000	27,000
Machinery and equipment	154,000	46,000	21,000	37,000	15,000	11,000	24,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	857,006	458,375	317,531	12	12	—	—
Total gross salaries paid	3,493,401	158,220	382,692	657,500	402,728	808,225	1,084,036
Total gross wages paid	11,734,436	709,456	1,205,715	2,201,981	1,225,941	2,687,761	3,703,582
Cost of materials and supplies	25,235,809	1,504,032	2,710,922	4,296,676	3,159,701	5,230,036	8,334,442
Other indirect costs	4,155,520	517,062	649,569	857,611	519,306	696,396	915,576
Depreciation charges	597,629	120,485	117,439	140,942	59,668	107,625	51,470
Net profit before tax	2,888,541	312,652	423,250	642,076	373,900	673,146	524,485
Loss	231,676	87,553	23,256	52,472	12	48,263	—
Total billings	54,050,407	3,786,595	5,887,073	8,966,735	6,164,699	10,955,003	18,290,302
Payments to sub-contractors	5,319,741	93,866	103,211	222,421	423,455	800,077	3,676,711
Total value of work by own labour force	48,730,666	3,692,729	5,783,862	8,744,314	5,741,244	10,154,926	14,613,591
Revenue (other than from construction operations) ²	2,485,492	325,135	1,104,466	1,043,420	2,850	9,621	—
Process piping firms ³							
Total firms	73	8	8	15	9	10	23
Total man-hours of wage earning employees	10,497,822	28,913	65,020	206,913	326,666	569,813	9,300,497
Journeymen	8,352,466	22,305	45,860	157,299	248,211	521,247	7,357,544
Apprentices	2,145,356	6,608	19,160	49,614	78,455	48,566	1,942,953
Salaried employees	669	—	9	39	48	54	519
dollars							
Total capital and repair expenditures	2,123,000	8,000	6,000	120,000	39,000	165,000	1,785,000
Total capital expenditures:							
Construction	515,000	—	—	—	5,000	61,000	449,000
Machinery and equipment	1,111,000	7,000	5,000	73,000	7,000	86,000	933,000
Total repair expenditures:							
Construction	69,000	1,000	—	2,000	10,000	—	56,000
Machinery and equipment	428,000	—	1,000	45,000	17,000	18,000	347,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	50,490	19,373	12	12	—	—	—
Total gross salaries paid	5,157,789	—	54,220	204,934	370,531	529,834	3,998,270
Total gross wages paid	41,291,333	72,583	169,585	756,317	1,142,772	2,626,029	36,524,047
Cost of materials and supplies	54,843,993	81,058	219,162	984,474	1,042,747	3,224,208	49,292,344
Other indirect costs	7,370,930	38,414	51,880	360,852	264,840	1,066,679	5,588,265
Depreciation charges	1,078,966	6,865	12,721	55,021	58,533	79,559	866,267
Net profit before tax	6,339,180	33,753	105,827	211,797	67,729	(128,070)	5,607,037
Loss	522,955	12	12	12	50,731	12	—
Total billings	136,153,502	268,317	682,761	3,059,435	3,099,879	8,083,003	120,960,107
Payments to sub-contractors	20,543,776	16,271	69,366	486,040	203,458	684,764	19,083,877
Total value of work by own labour force	115,609,726	252,046	613,395	2,573,395	2,896,421	7,398,239	101,876,230
Revenue (other than from construction operations) ²	2,499,906	1,493	594	21,179	18,478	340,766	2,117,396

See footnote(s) on page 13.

TABLE 5. Summary of Statistics of Firms classified by Size Group¹, Canada, 1967 - Continued

Item	Total	\$0-49,000	\$50,000- 99,999	\$100,000- 249,999	\$250,000- 499,999	\$500,000- 999,999	\$1,000,000 and over
Air conditioning and ventilation firms							
				number			
Total firms	124	20	17	29	20	18	20
Total man-hours of wage earning employees	6,242,589	35,046	138,982	386,709	650,345	868,865	4,162,642
Journeymen	4,479,936	21,744	95,291	262,522	410,773	579,932	3,109,674
Apprentices	1,762,653	13,302	43,691	124,187	239,572	288,933	1,052,968
Salaried employees	723	8	19	75	78	140	403
dollars							
Total capital and repair expenditures	1,055,000	24,000	33,000	62,000	92,000	356,000	488,000
<i>Total capital expenditures:</i>							
Construction	363,000	4,000	1,000	8,000	7,000	232,000	111,000
Machinery and equipment	492,000	14,000	18,000	45,000	54,000	95,000	266,000
<i>Total repair expenditures:</i>							
Construction	56,000	4,000	3,000	—	5,000	14,000	30,000
Machinery and equipment	144,000	2,000	11,000	9,000	26,000	15,000	81,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	70,543	43,141	12	12	—	—	—
Total gross salaries paid	5,926,449	45,906	146,611	461,564	565,236	894,548	3,812,584
Total gross wages paid	21,464,794	113,613	431,658	1,278,670	1,953,108	3,223,017	14,464,728
Cost of materials and supplies	39,700,102	198,785	1,232,537	2,250,159	3,781,249	6,778,875	25,458,497
Other indirect costs	5,809,741	102,968	183,379	503,790	583,271	995,735	3,440,578
Depreciation charges	721,204	14,942	25,763	61,336	93,315	125,365	400,483
Net profit before tax	4,536,321	62,395	121,620	210,979	358,374	731,402	2,713,914
Loss	690,636	19,850	25,234	—	280,513	—	—
Total billings	87,185,456	562,560	2,760,646	5,579,068	7,959,577	15,891,301	54,432,304
Payments to sub-contractors	9,646,938	660	644,312	812,570	905,537	3,142,339	4,141,520
Total value of work by own labour force	77,538,518	561,900	2,116,334	4,766,498	7,054,040	12,748,962	50,290,784
Revenue (other than from construction operations) ³	332,955	51,715	82,109	25,316	11,904	73,172	88,739
Fabricated sheet metal firms ⁴							
				number			
Total firms	82	22	14	17	10	8	11
Total man-hours of wage earning employees	5,054,455	51,744	102,062	276,925	283,760	652,376	3,687,588
Journeymen	4,265,977	43,176	71,794	215,077	179,760	524,003	3,232,167
Apprentices	788,478	8,568	30,268	61,848	104,000	128,373	455,421
Salaried employees	456	10	46	42	41	49	268
dollars							
Total capital and repair expenditures	1,375,000	16,000	252,000	53,000	126,000	102,000	826,000
<i>Total capital expenditures:</i>							
Construction	620,000	—	186,000	20,000	60,000	15,000	339,000
Machinery and equipment	516,000	13,000	59,000	17,000	54,000	68,000	305,000
<i>Total repair expenditures:</i>							
Construction	82,000	1,000	—	4,000	3,000	1,000	73,000
Machinery and equipment	157,000	2,000	7,000	12,000	9,000	18,000	109,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	260,090	105,929	12	12	12	—	12
Total gross salaries paid	3,352,242	20,929	288,656	337,091	279,543	432,747	1,993,276
Total gross wages paid	17,579,138	125,826	1,096,685	859,718	866,353	1,948,915	12,681,941
Cost of materials and supplies	25,794,885	254,463	2,110,852	933,988	1,171,524	2,087,931	19,236,127
Other indirect costs	3,606,550	71,389	383,342	265,588	296,419	525,953	2,063,859
Depreciation charges	375,405	15,485	52,703	32,418	39,116	72,456	163,227
Net profit before tax	3,004,019	53,199	323,766	249,703	229,228	335,988	1,941,977
Loss	102,693	—	48,707	29,667	—	—	—
Total billings	61,770,766	650,281	4,658,005	2,682,565	2,994,315	5,592,137	45,193,463
Payments to sub-contractors	7,900,830	3,061	450,708	33,726	112,132	188,147	7,113,056
Total value of work by own labour force	53,869,936	647,220	4,207,297	2,648,839	2,882,183	5,403,990	38,080,407
Revenue (other than from construction operations) ³	217,439	26	5,000	24,158	2,718	—	185,537

See footnote(s) on page 13.

TABLE 5. Summary of Statistics of Firms classified by Size Group¹. Canada, 1967 - Concluded

Item	Total	\$0-49,999	\$50,000-99,999	\$100,000-249,999	\$250,000-499,999	\$500,000-999,999	\$1,000,000 and over
Automatic sprinkler firms							
Total firms	29	6	4	5	3	5	6
Total man-hours of wage earning employees	1,348,595	8,100	24,000	69,000	108,000	245,495	894,000
Journeymen	905,616	6,200	20,000	47,500	50,000	159,736	622,180
Apprentices	442,979	1,900	4,000	21,500	58,000	85,759	271,820
Salaried employees	202	3	4	6	16	40	133
dollars							
Total capital and repair expenditures	219,000	-	1,000	6,000	3,000	28,000	181,000
<i>Total capital expenditures:</i>							
Construction	—	—	—	—	—	—	—
Machinery and equipment	96,000	—	1,000	5,000	—	9,000	81,000
<i>Total repair expenditures:</i>							
Construction	6,000	—	—	—	3,000	1,000	2,000
Machinery and equipment	117,000	—	—	1,000	—	18,000	98,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	3,350	3,350	—	—	—	—	—
Total gross salaries paid	1,652,423	5,600	24,119	31,713	123,186	302,280	1,165,525
Total gross wages paid	4,334,453	25,237	91,725	205,949	345,019	874,140	2,792,383
Cost of materials and supplies	9,032,307	48,992	167,103	431,727	630,048	1,783,180	5,971,257
Other indirect costs	1,346,383	12,810	18,125	72,999	94,472	231,192	916,785
Depreciation charges	76,280	487	2,419	8,502	7,113	8,945	48,814
Net profit before tax	1,041,959	4,002	18,063	54,608	128,692	338,488	498,106
Loss	—	—	—	—	—	—	—
Total billings	17,948,986	102,578	338,634	835,730	1,378,530	3,565,125	11,728,389
Payments to sub-contractors	461,831	2,100	17,080	30,232	50,000	26,900	335,519
Total value of work by own labour force	17,487,155	100,478	321,554	805,498	1,328,530	3,538,225	11,392,870
Revenue (other than from construction operations) ³	183,007	5,000	—	2,544	85,000	33,915	56,548
Other mechanical trades firms ⁶							
Total firms	71	13	13	13	11	9	12
Total man-hours of wage earning employees	3,341,835	18,041	55,580	163,554	217,710	494,400	2,392,550
Journeymen	2,928,108	13,954	46,222	125,815	190,866	440,200	2,111,051
Apprentices	413,727	4,087	9,358	37,739	26,844	54,200	281,499
Salaried employees	569	4	15	42	72	82	354
dollars							
Total capital and repair expenditures	395,000	16,000	10,000	21,000	130,000	44,000	174,000
<i>Total capital expenditures:</i>							
Construction	101,000	5,000	—	—	79,000	1,000	16,000
Machinery and equipment	209,000	5,000	7,000	14,000	44,000	33,000	106,000
<i>Total repair expenditures:</i>							
Construction	21,000	2,000	2,000	5,000	—	1,000	11,000
Machinery and equipment	64,000	4,000	1,000	2,000	7,000	9,000	41,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	81,658	19,924	42,634	—	19,100	—	—
Total gross salaries paid	3,693,041	12,330	75,272	171,479	414,980	677,152	2,341,828
Total gross wages paid	11,832,983	36,907	151,903	509,789	888,386	1,777,695	8,468,303
Cost of materials and supplies	24,132,315	133,677	499,715	1,079,297	1,906,958	3,092,184	17,420,484
Other indirect costs	3,744,308	55,812	99,060	261,294	609,252	456,196	2,262,694
Depreciation charges	221,597	11,640	10,782	22,296	33,374	47,241	96,264
Net profit before tax	6,135,451	52,924	48,324	259,170	369,392	1,096,992	4,174,223
Loss	155,190	—	—	20,764	—	—	—
Total billings	53,154,104	323,308	953,585	2,382,184	4,784,453	7,550,660	37,159,914
Payments to sub-contractors	3,467,941	94	25,895	99,623	543,011	403,200	2,396,118
Total value of work by own labour force	49,686,163	323,214	927,690	2,282,561	4,241,442	7,147,460	34,763,796
Revenue (other than from construction operations) ³	1,138,035	1,890	84,395	256,447	344,935	—	450,368

¹ Size group is based on work by own labour force or net dollar volume (i.e. gross dollar volume minus sub-contracts).

² Other types of construction include farm buildings, industrial camp site structures, compressor stations and pumping plants, and municipal water and sewage treatment plants etc.

³ Other sources of revenue include revenues from retail and wholesale sales of materials, manufacturing activities, building or equipment rentals, fuel oil deliveries, and other non-construction business operations.

⁴ Process piping includes gas piping.

⁵ Fabricated sheet metal includes grilles and diffusers.

⁶ Other mechanical trades include environmental or automatic temperature control systems, commercial and other low-temperature refrigeration, thermal insulation for piping etc., and other types of construction work generally associated with the mechanical trades.

⁷ Information in the column has been re-grouped under the table heading "Residential (single, duplex, triplex)" to meet secrecy requirements of the Statistics Act.

⁸ Information in the column has been re-grouped under the table heading "Institutional" to meet secrecy requirements of the Statistics Act.

⁹ Information in the column has been re-grouped under the table heading "Incorporated" company to meet secrecy requirements of the Statistics Act.

¹⁰ Information in the column has been re-grouped under the table heading "Renovation" to meet secrecy requirements of the Statistics Act.

¹¹ Information in the column has been re-grouped under the table heading "Other" to meet secrecy requirements of the Statistics Act.

¹² The figure for this item has been combined with "Net profit" in the same column to meet secrecy requirements of the Statistics Act. (A "Net profit" in brackets indicates that losses exceed profits.)

¹³ Information has been omitted to meet secrecy requirements of the Statistics Act.

¹⁴ Other revenue has been re-grouped under the table heading "Plumbing" to meet secrecy requirements of the statistics Act.

¹⁵ British Columbia includes Yukon and Northwest Territories.

TABLE 6. Summary of Statistics of Firms classified by Type of Construction, Canada, 1967

Item	Total	Residential		Industrial	Commercial	Institutional	Other ²					
		Single, duplex, triplex	Other									
Mechanical contracting firms												
number												
Total firms	2,021	1,125	166	264	194	264	8					
Firms classified by legal entity:												
Sole proprietorship	677	556	58	30	23	6	4					
Partnership	106	75	8	6	11	6	—					
Incorporated company	1,238	494	100	228	160	252	4					
Firms classified by type of contractor:												
Prime contractor	1,195	841	106	132	79	30	7					
Prime sub-contractor	674	248	53	104	88	180	1					
Sub-contractor	152	36	7	28	27	54	—					
Total man-hours of wage earning employees	62,314,526	9,498,562	3,167,925	22,275,358	11,681,951	15,628,955	61,775					
Journeymen	47,350,368	6,851,920	2,381,352	18,425,898	8,791,490	10,857,742	41,966					
Apprentices	14,964,158	2,646,642	786,573	3,849,460	2,890,461	4,771,213	19,809					
Salaried employees	6,826	1,441	360	1,923	1,197	1,901	4					
dollars												
Total capital and repair expenditures	12,474,000	2,805,000	525,000	3,867,000	2,101,000	3,119,000	57,000					
<i>Total capital expenditures:</i>												
Construction	3,250,000	676,000	98,000	849,000	851,000	775,000	1,000					
Machinery and equipment	6,288,000	1,384,000	311,000	2,075,000	826,000	1,671,000	21,000					
<i>Total repair expenditures:</i>												
Construction	762,000	231,000	31,000	168,000	148,000	182,000	2,000					
Machinery and equipment	2,174,000	514,000	85,000	775,000	276,000	491,000	33,000					
Selected operational characteristics:												
Earnings and withdrawals of owners and partners	4,223,164	3,213,127	400,735	12	199,650	149,172	12					
Total gross salaries paid	51,792,658	8,884,355	2,621,745	15,774,643	9,598,793	14,883,722	29,400					
Total gross wages paid	222,816,340	28,192,834	10,760,292	87,818,533	39,062,577	56,640,856	341,248					
Cost of materials and supplies	394,947,157	69,740,337	23,357,314	123,364,055	68,269,875	109,137,380	1,078,196					
Other indirect costs	57,740,216	12,069,825	3,067,613	15,700,643	9,485,165	17,335,804	81,166					
Depreciation charges	7,347,127	1,962,351	388,099	2,238,593	1,051,601	1,691,359	15,124					
Net profit before tax	48,849,856	8,326,259	2,166,442	13,029,521	8,074,520	16,281,764	68,805					
Loss	4,163,939	1,287,502	232,787	12	577,691	902,940	12					
Total billings	908,739,640	135,888,955	44,778,876	296,605,876	169,459,769	260,315,716	1,690,448					
Payments to sub-contractors	125,187,067	4,787,369	2,249,423	38,679,888	34,295,279	45,098,599	76,509					
Total value of work by own labour force	783,552,573	131,101,586	42,529,453	257,925,988	135,164,490	215,217,117	1,613,939					
Revenue (other than from construction operations)³	15,089,215	6,944,083	1,009,208	3,246,962	832,315	3,041,471	15,176					
Plumbing firms												
number												
Total firms	1,157	754	119	78	78	124	4					
Firms classified by legal entity:												
Sole proprietorship	458	392	43	11	6	3	3					
Partnership	63	46	4	3	7	3	—					
Incorporated company	636	316	72	64	65	118	1					
Firms classified by type of contractor:												
Prime contractor	724	566	80	33	24	17	4					
Prime sub-contractor	391	165	37	40	46	103	—					
Sub-contractor	42	23	2	5	8	4	—					
Total man-hours of wage earning employees	24,076,676	5,969,320	2,166,943	3,161,899	5,191,447	7,569,921	17,146					
Journeymen	16,712,783	4,275,382	1,520,998	2,205,923	3,977,047	4,724,540	8,893					
Apprentices	7,363,893	1,693,938	645,945	955,976	1,214,400	2,845,381	8,253					
Salaried employees	2,813	928	229	365	468	822	1					

See footnote(s) on page 13.

TABLE 6. Summary Statistics of Firms classified by Type of Construction, Canada, 1967 - Continued

Item	Total	Residential		Industrial	Commercial	Institutional	Other ¹
		Single, duplex, triplex	Other				
Plumbing firms - Concluded							
Total capital and repair expenditures:	4,875,000	1,789,000	398,000	532,000	661,000	1,486,000	9,000
Total capital expenditures:							
Construction	1,130,000	417,000	76,000	89,000	112,000	435,000	1,000
Machinery and equipment	2,532,000	870,000	229,000	335,000	342,000	750,000	6,000
Total repair expenditures:							
Construction	367,000	148,000	26,000	30,000	67,000	96,000	-
Machinery and equipment	846,000	354,000	67,000	78,000	140,000	205,000	2,000
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	2,637,889	2,133,950	287,879	110,214	89,501	16,345	-
Total gross salaries paid	21,334,206	5,582,293	1,784,683	3,176,309	3,725,791	7,063,730	1,400
Total gross wages paid	82,925,934	18,405,665	7,675,352	11,727,003	17,798,797	27,282,128	36,989
Cost of materials and supplies	173,942,531	46,623,621	17,115,132	21,533,208	32,868,026	55,704,700	97,844
Other indirect costs	26,099,312	7,874,772	2,013,874	2,839,764	3,989,599	9,364,753	16,550
Depreciation charges	3,292,364	1,302,719	291,484	357,169	447,971	890,425	2,596
Net profit before tax	20,795,547	5,394,680	1,755,571	2,220,839	3,649,899	7,737,883	36,675
Loss	2,156,455	930,203	198,034	230,550	277,188	520,480	-
Total billings	388,664,194	90,179,871	32,369,304	50,205,763	84,639,683	131,071,510	198,063
Payments to sub-contractors	59,792,866	3,792,374	1,643,363	8,471,807	22,347,287	23,532,026	6,009
Total value of work by own labour force	328,871,328	86,387,497	30,725,941	41,733,956	62,292,396	107,539,484	192,054
Revenue (other than from construction operation) ³	5,417,734	3,413,730	776,245	327,528	244,922	640,133	15,176
Wet heating firms							
Total firms	179	71	15	28	11	54	-
Firms classified by legal entity:							
Sole proprietorship	45	36	5	-		3	-
Partnership	5	2	1	28	11	51	-
Incorporated company	129	33	9				
Firms classified by type of contractor:							
Prime contractor	86	55	8	14	4	5	-
Prime sub-contractor	86	15	3	14	7	47	-
Sub-contractor	7	1	4	-	-	2	-
Total man-hours of wage earning employees	7,828,678	615,086	461,852	4,298,138	185,491	2,268,111	-
Journeymen	6,743,029	432,639	438,162	4,085,912	125,410	1,660,906	-
Apprentices	1,085,649	182,447	23,690	212,226	60,081	607,205	-
Salaried employees	884	91	81	405	17	290	-
dollars							
Total capital and repair expenditures	1,469,000	180,000	41,000	467,000	32,000	749,000	-
Total capital expenditures:							
Construction	279,000	43,000	2,000	2,000	-	232,000	-
Machinery and equipment	869,000	98,000	36,000	392,000	19,000	324,000	-
Total repair expenditures:							
Construction	57,000	9,000	-	16,000	1,000	31,000	-
Machinery and equipment	264,000	30,000	3,000	57,000	12,000	162,000	-
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	262,138	198,194	22,195	¹²	¹²	12,704	-
Total gross salaries paid	7,183,107	601,799	476,498	3,575,915	148,964	2,379,931	-
Total gross wages paid	31,652,969	1,584,734	1,390,548	19,972,404	563,176	8,142,107	-
Cost of materials and supplies	42,265,215	4,307,165	3,182,211	15,459,689	876,056	18,440,094	-
Other indirect costs	5,607,472	788,314	382,087	1,989,618	121,141	2,326,312	-
Depreciation charges	983,682	132,162	35,900	473,767	25,098	316,755	-
Net profit before tax	4,108,832	361,864	295,796	1,913,938	196,681	1,366,430	-
Loss	304,334	156,390	4,735			140,041	-
Total billings	109,812,225	8,094,480	5,945,119	47,674,534	2,998,062	45,100,030	-
Payments to sub-contractors	18,053,144	276,638	164,619	4,289,203	1,066,946	12,255,738	-
Total value of work by own labour force	91,759,081	7,817,842	5,780,500	43,385,331	1,931,116	32,844,292	-
Revenue (other than from construction operations) ³	2,814,647	914,168	202,434	172,612	178,797	1,346,636	-

See footnote(s) on page 13.

TABLE 6. Summary of Statistics of Firms classified by Type of Construction, Canada, 1967 — Continued

Item	Total	Residential		Industrial	Commercial	Institutional	Other ²
		Single, duplex, triplex	Other				
Dry heating firms							
					number		
Total firms	306	251	22	16	11	6	
Firms classified by legal entity:							
Sole proprietorship	122	103	7	9	3	—	
Partnership	27	22	3	—	2	—	
Incorporated company	157	126	12	7	6	6	
Firms classified by type of contractor:							
Prime contractor	214	185	13	11	4	1	
Prime sub-contractor	80	56	9	4	6	5	
Sub-contractor	12	10	—	1	1	—	
Total man-hours of wage earning employees	3,923,876	2,608,771	191,795	439,400	190,440	493,470	
Journeymen	2,962,453	1,956,713	162,812	338,637	114,489	389,802	
Apprentices	961,423	652,058	28,983	100,763	75,951	103,668	
Salaried employees	510	380	25	40	21	44	
					dollars		
Total capital and repair expenditures.....	963,000	746,000	57,000	64,000	47,000	49,000	
Total capital expenditures:							
Construction	242,000	210,000	19,000	7,000	1,000	5,000	
Machinery and equipment	463,000	360,000	26,000	38,000	22,000	17,000	
Total repair expenditures:							
Construction	104,000	60,000	3,000	9,000	16,000	16,000	
Machinery and equipment	154,000	116,000	9,000	10,000	8,000	11,000	
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	857,006	674,726	78,826	56,422	47,032	—	
Total gross salaries paid	3,493,401	2,476,295	131,932	393,654	167,450	324,070	
Total gross wages paid	11,734,436	7,329,552	653,782	1,507,683	671,594	1,571,825	
Cost of materials and supplies	25,235,809	16,822,095	1,358,573	1,913,700	1,227,054	3,914,387	
Other indirect costs	4,155,520	3,091,826	297,655	274,071	274,704	217,264	
Depreciation charges	597,629	458,894	40,981	42,556	25,752	29,446	
Net profit before tax	2,888,541	2,281,443	50,498	113,534	184,523	258,543	
Loss	231,676	173,328	20,018	—	38,330	—	
Total billings	54,050,407	33,657,551	2,785,190	5,944,811	3,028,218	8,634,637	
Payments to sub-contractors	5,319,741	696,048	192,961	1,643,191	468,439	2,319,102	
Total value of work by own labour force	48,730,666	32,961,503	2,592,229	4,301,620	2,559,779	6,315,535	
Revenue (other than from construction operations) ³	2,485,492	2,419,541	22,029	10,405	32,097	1,420	
					Process piping firms ⁴		
					number		
Total firms	73	11	—	49	8	5	
Firms classified by legal entity:							
Sole proprietorship	73	7	—	49	—	5	
Partnership		—	—				
Incorporated company		4	—		8		
Firms classified by type of contractor:							
Prime contractor	43	7	—	30	4	2	
Prime sub-contractor	27	3	—	18	4	2	
Sub-contractor	3	1	—	1	—	1	
Total man-hours of wage earning employees	10,497,822	64,421	—	8,984,105	1,095,278	354,018	
Journeymen	8,352,466	39,353	—	7,460,190	554,871	297,752	
Apprentices	2,145,356	25,068	—	1,523,615	540,407	56,266	
Salaried employees	669	9	—	556	81	23	

See footnote(s) on page 13.

TABLE 6. Summary of Statistics of Firms classified by Type of Construction, Canada, 1967 - Continued

Item	Total	Residential		Industrial	Commercial	Institutional	Other ²					
		Single, duplex, triplex	Other									
Process piping firms* - Concluded												
dollars												
Total capital and repair expenditures	2,123,000	10,000		1,654,000	361,000	98,000						
<i>Total capital expenditures:</i>												
Construction	515,000	—		358,000	157,000	—						
Machinery and equipment	1,111,000	9,000		905,000	137,000	60,000						
<i>Total repair expenditures:</i>												
Construction	69,000	—		27,000	40,000	2,000						
Machinery and equipment	428,000	1,000		364,000	27,000	36,000						
Selected operational characteristics:												
Earnings and withdrawals of owners and partners	50,490	26,907		12	—	12						
Total gross salaries paid	5,157,789	47,395		4,385,876	524,297	200,221						
Total gross wages paid	41,291,333	172,196		36,975,954	3,032,218	1,110,965						
Cost of materials and supplies	54,843,993	385,867		47,072,802	5,019,188	2,366,136						
Other indirect costs	7,370,930	65,401		6,127,708	805,227	372,594						
Depreciation charges	1,078,966	12,535		960,814	85,725	19,892						
Net profit before tax	6,339,180	53,729		4,821,686	498,997	481,680						
Loss	522,955	12		12	16,284	12						
Total billings	136,153,502	777,336		118,900,038	10,950,102	5,526,026						
Payments to sub-contractors	20,543,776	13,306		18,555,198	1,000,734	974,538						
Total value of work by own labour force	115,609,726	764,030		100,344,840	9,949,368	4,551,488						
Revenue (other than from construction operations) ³	2,499,906	1,743		2,267,985	230,178	—						
Air conditioning and ventilation firms												
number												
Total firms	124	8	4	30	52	30	—					
Firms classified by legal entity:												
Sole proprietorship	12	3			5	—						
Partnership	4	—			2	—						
Incorporated company	108	5	4	30	45	30	—					
Firms classified by type of contractor:												
Prime contractor	49	7	2	10	27	3	—					
Prime sub-contractor	53	1	1	13	20	18	—					
Sub-contractor	22	—	1	7	5	9	—					
Total man-hours of wage earning employees	6,242,589	101,544	89,764	957,262	2,805,876	2,288,143	—					
Journeymen	4,479,936	69,472	53,809	674,710	2,005,598	1,676,347	—					
Apprentices	1,762,653	32,072	35,955	282,552	800,278	611,796	—					
Salaried employees	723	15	10	144	358	196	—					
dollars												
Total capital and repair expenditures	1,055,000	14,000	8,000	131,000	563,000	339,000	—					
<i>Total capital expenditures:</i>												
Construction	363,000	2,000	—	3,000	316,000	42,000	—					
Machinery and equipment	492,000	4,000	8,000	72,000	188,000	220,000	—					
<i>Total repair expenditures:</i>												
Construction	56,000	5,000	—	5,000	19,000	27,000	—					
Machinery and equipment	144,000	3,000	—	51,000	40,000	50,000	—					
Selected operational characteristics:												
Earnings and withdrawals of owners and partners	70,543	12	12	32,630	16,422	—						
Total gross salaries paid	5,926,449	87,368	50,020	903,325	3,419,864	1,465,872						
Total gross wages paid	21,464,794	326,117	252,772	3,183,538	9,433,202	8,269,165						
Cost of materials and supplies	39,700,102	642,936	414,158	7,372,384	18,098,705	13,171,919						
Other indirect costs	5,809,741	70,193	79,453	986,575	3,008,279	1,665,241						
Depreciation charges	721,204	16,873	14,392	115,963	318,450	255,506						
Net profit before tax	4,536,321	70,638	60,791	639,191	2,153,565	1,629,258						
Loss	690,636	12	12	273,053	232,701	180,513						
Total billings	87,185,436	1,220,319	871,586	13,641,733	41,711,222	29,740,594	—					
Payments to sub-contractors	9,646,938	6,194	—	681,162	5,495,436	3,464,146	—					
Total value of work by own labour force	77,538,518	1,214,125	871,586	12,960,573	36,215,786	26,276,448	—					
Revenue (other than from construction operations) ³	332,955	2,579	8,500	117,458	121,356	83,062	—					

See footnote(s) on page 13.

TABLE 6. Summary of Statistics of Firms classified by Type of Construction, Canada, 1967 - Continued

Item	Total	Residential		Industrial	Commercial	Institutional	Other ²					
		Single, duplex, triplex	Other									
Fabricated sheet metal firms ³												
number												
Total firms	82	21	3	23	13	22	-					
Firms classified by legal entity:												
Sole proprietorship	20	13		4			-					
Partnership	4	3					-					
Incorporated company	58	5	3	19	13	22	-					
Firms classified by type of contractor:												
Prime contractor	37	17	1	13	3	3	-					
Prime sub-contractor	20	4	2	7	2	5	-					
Sub-contractor	25	-	-	3	8	14	-					
Total man-hours of wage earning employees	5,054,455	72,152	233,171	1,753,319	1,993,157	1,002,656	-					
Journeymen	4,265,977	46,583	183,171	1,452,474	1,834,867	748,882	-					
Apprentices	788,478	25,569	50,000	300,845	158,290	253,774	-					
Salaried employees	456	9	12	145	200	90	-					
dollars												
Total capital and repair expenditures	1,375,000	18,000	20,000	712,000	332,000	293,000	-					
Total capital expenditures:												
Construction	620,000	-	-	389,000	186,000	45,000	-					
Machinery and equipment	516,000	11,000	12,000	198,000	100,000	195,000	-					
Total repair expenditures:												
Construction	82,000	2,000	2,000	69,000	3,000	6,000	-					
Machinery and equipment	157,000	5,000	6,000	56,000	43,000	47,000	-					
Selected operational characteristics:												
Earnings and withdrawals of owners and partners	260,090	12	12	20,631	12	12	-					
Total gross salaries paid	3,352,242	31,420	169,320	1,043,485	1,206,462	901,555	-					
Total gross wages paid	17,579,438	216,580	733,560	6,243,377	6,763,657	3,622,264	-					
Cost of materials and supplies	25,794,885	436,972	1,183,771	10,331,067	8,670,726	5,172,349	-					
Other indirect costs	3,606,550	74,065	280,403	1,430,419	781,920	1,039,743	-					
Depreciation charges	375,405	12,649	2,406	126,037	110,452	123,861	-					
Net profit before tax	3,004,019	186,164	(4,029)	829,495	1,208,924	920,231	-					
Loss	102,693	12	12	12	12	12	-					
Total billings	61,770,766	959,308	2,613,911	23,258,929	22,437,265	12,501,353	-					
Payments to sub-contractors	7,900,830	1,458	248,480	3,234,418	3,695,124	721,350	-					
Total value of work by own labour force	53,869,936	957,850	2,365,431	20,024,511	18,742,141	11,780,003	-					
Revenue (other than from construction operations) ³	217,439	20,026	-	164,371	-	33,042	-					
Automatic sprinkler systems firms												
number												
Total firms	29	-	-	25	4	-	-					
Firms classified by legal entity:												
Sole proprietorship												
Partnership												
Incorporated company	29	{	-	25	4	{	-					
Firms classified by type of contractor:												
Prime contractor	16	-	-	15	1	-	-					
Prime sub-contractor	3	-	-	3	-	-	-					
Sub-contractor	10	-	-	7	3	-	-					
Total man-hours of wage earning employees	1,348,595	-	-	1,284,595	64,000	-	-					
Journeymen	905,616	-	-	858,616	47,000	-	-					
Apprentices	442,979	-	-	425,979	17,000	-	-					
Salaried employees	202	-	-	186	16	-	-					

TABLE 6. Summary of Statistics of Firms classified by Type of Construction, Canada, 1967 - Concluded

Item	Total	Residential		Industrial	Commercial	Institutional	Other ²
		Single, duplex, triplex	Other				
Automatic sprinkler systems firms - Concluded							
					dollars		
Total capital and repair expenditures	219,000				219,000		
<i>Total capital expenditures:</i>							
Construction	—				—		
Machinery and equipment	96,000	—	—	96,000	—	—	—
<i>Total repair expenditures:</i>							
Construction	6,000	—	—	6,000	—	—	—
Machinery and equipment	117,000	—	—	117,000	—	—	—
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	3,350	—	—	—	3,350	—	—
Total gross salaries paid	1,652,423	—	—	1,545,725	106,698	—	—
Total gross wages paid	4,334,453	—	—	4,121,121	213,332	—	—
Cost of materials and supplies	9,032,307	—	—	8,518,512	513,795	—	—
Other indirect costs	1,346,383	—	—	1,281,284	65,099	—	—
Depreciation charges	76,280	—	—	71,196	5,084	—	—
Net profit before tax	1,041,959	—	—	1,031,034	10,925	—	—
Loss	—	—	—	—	—	—	—
Total billings	17,948,986			16,988,003	960,983		
Payments to sub-contractors	461,831	—	—	419,131	42,700	—	—
Total value of work by own labour force	17,487,155	—	—	16,568,872	918,283	—	—
Revenue (other than from construction operations) ³	183,007	—	—	183,007	—	—	—
Other mechanical trades firms ⁴							
					number		
Total firms	71		12		15		27
Firms classified by legal entity:							
Sole proprietorship	—	—	—	—	—	—	—
Partnership	71	{	3	—	5	—	27
Incorporated company		{	2	—	—	12	
Firms classified by type of contractor:							
Prime contractor	26	6	—	6	12	2	—
Prime sub-contractor	14	5	—	5	3	1	—
Sub-contractor	31	1	—	4	2	24	—
Total man-hours of wage earning employees	3,341,835	91,668		1,396,640	156,262	1,697,265	
Journeymen	2,928,108	54,178		1,349,136	132,208	1,392,586	
Apprentices	413,727	37,490		47,504	24,054	304,679	
Salaried employees	569	12		82	36	439	
dollars							
Total capital and repair expenditures	395,000	49,000		88,000	105,000	153,000	
<i>Total capital expenditures:</i>							
Construction	101,000	5,000		1,000	79,000	16,000	
Machinery and equipment	209,000	32,000		39,000	18,000	120,000	
<i>Total repair expenditures:</i>							
Construction	21,000	7,000		6,000	2,000	6,000	
Machinery and equipment	64,000	5,000		42,000	6,000	11,000	
Selected operational characteristics:							
Earnings and withdrawals of owners and partners	81,638	46,456	—	12	19,924	12	8
Total gross salaries paid	3,693,041	67,077		750,354	299,267	2,576,343	
Total gross wages paid	11,832,983	212,268		4,087,453	586,601	6,946,661	
Cost of materials and supplies	24,132,315	625,150		11,162,693	996,325	11,348,147	
Other indirect costs	3,744,308	119,395		771,204	439,196	2,414,513	
Depreciation charges	221,597	29,455		91,071	33,069	68,002	
Net profit before tax	6,135,451	92,704		1,743,510	181,239	4,028,614	
Loss	155,190	—	—	12	50,528		
Total billings	53,154,104	1,193,856		19,992,063	2,734,234	29,233,951	
Payments to sub-contractors	3,467,941	1,351		1,385,778	178,613	1,902,199	
Total value of work by own labour force	49,686,163	1,192,505		18,606,285	2,555,621	27,331,752	
Revenue (other than from construction operations) ³	1,138,035	172,296		3,596	24,965	937,178	

See footnote(s) on page 13.

TABLE 7. Summary of Statistics of Firms classified by Type of Work, Canada, 1967

Item	Total	New construction	Renovation	Repair and maintenance
Mechanical contracting firms				
number				
Total firms	2,021	1,223	249	549
Firms classified by legal entity:				
Sole proprietorship	677	263	120	294
Partnership	106	61	13	32
Incorporated company	1,238	899	116	223
Firms classified by type of contractor:				
Prime contractor	1,195	518	204	473
Prime sub-contractor	674	579	36	59
Sub-contractor	152	126	9	17
Total man-hours of wage earning employees	62,314,526	52,581,341	3,485,881	6,247,304
Journeymen	47,350,368	39,278,195	2,832,143	5,240,030
Apprentices	14,964,158	13,303,146	653,738	1,007,274
Salaried employees	6,826	5,482	506	838
dollars				
Total capital and repair expenditures	12,474,000	10,509,000	661,000	1,304,000
<i>Total capital expenditures:</i>				
Construction	3,250,000	2,889,000	137,000	224,000
Machinery and equipment	6,288,000	5,214,000	314,000	760,000
<i>Total repair expenditures:</i>				
Construction	762,000	609,000	67,000	86,000
Machinery and equipment	2,174,000	1,797,000	143,000	234,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	4,223,164	2,064,520	702,139	1,456,505
Total gross salaries paid	51,792,658	42,547,376	3,491,909	5,753,373
Total gross wages paid	222,816,340	187,358,908	11,282,210	24,175,222
Cost of materials and supplies	394,947,157	352,939,290	19,774,941	22,232,926
Other indirect costs	57,740,216	47,936,071	4,015,410	5,788,735
Depreciation charges	7,347,127	5,718,163	472,647	1,156,317
Net profit before tax	48,849,850	41,984,495	2,677,860	4,187,495
Loss	4,163,939	3,507,118	239,117	417,704
Total billings	908,739,640	798,152,115	44,233,264	66,354,261
Payments to sub-contractors	125,187,067	121,110,410	2,055,265	2,021,392
Total value of work by own labour force	783,552,573	677,041,705	42,177,999	64,332,869
Revenue (other than from construction operations) ¹	15,089,215	11,876,578	734,742	2,477,895
Plumbing firms				
number				
Total firms	1,157	679	123	355
Firms classified by legal entity:				
Sole proprietorship	458	179	75	204
Partnership	63	38	5	20
Incorporated company	636	462	43	131
Firms classified by type of contractor:				
Prime contractor	724	298	103	323
Prime sub-contractor	391	353	17	21
Sub-contractor	42	28	3	11
Total man-hours of wage earning employees	24,076,676	21,336,528	764,395	1,975,753
Journeymen	16,712,783	14,694,009	590,415	1,428,359
Apprentices	7,363,893	6,642,519	173,980	547,394
Salaried employees	2,813	2,285	167	361

See footnote(s) on page 13.

TABLE 7. Summary of Statistics of Firms classified by Type of Work, Canada, 1967 - Continued

Item	Total	New construction	Renovation	Repair and maintenance
Plumbing firms—Concluded				
dollars				
Total capital and repair expenditures	4,875,000	4,153,000	233,000	489,000
<i>Total capital expenditures:</i>				
Construction	1,130,000	992,000	49,000	89,000
Machinery and equipment	2,532,000	2,167,000	125,000	240,000
<i>Total repair expenditures:</i>				
Construction	367,000	312,000	10,000	45,000
Machinery and equipment	846,000	682,000	49,000	115,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	2,637,889	1,304,461	430,510	902,918
Total gross salaries paid	21,334,206	18,223,672	1,142,240	1,968,294
Total gross wages paid	82,925,934	74,350,195	2,504,015	6,071,724
Cost of materials and supplies	173,942,531	158,535,373	5,233,392	10,173,766
Other indirect costs	26,099,312	22,118,182	1,170,705	2,810,425
Depreciation charges	3,292,364	2,656,522	159,473	476,369
Net profit before tax	20,795,547	18,096,219	854,035	1,845,293
Loss	2,156,455	1,808,240	76,464	271,751
Total billings	388,664,194	351,522,312	12,211,388	24,930,494
Payments to sub-contractors	59,792,866	58,045,928	793,482	953,456
Total value of work by own labour force	328,871,328	293,476,384	11,417,906	23,977,038
Revenue (other than from construction operations) ³	5,417,734	4,228,462	310,845	878,427
Wet heating firms				
number				
Total firms	179	114	23	42
Firms classified by legal entity:				
Sole proprietorship	45	16	9	20
Partnership	5	3	1	1
Incorporated company	129	95	13	21
Firms classified by type of contractor:				
Prime contractor	86	38	15	33
Prime sub-contractor	86	71	8	7
Sub-contractor	7	5	—	2
Total man-hours of wage earning employees	7,828,678	4,580,647	257,633	2,990,398
Journeymen	6,743,029	3,630,086	191,815	2,921,128
Apprentices	1,085,649	950,561	65,818	69,270
Salaried employees	884	535	35	314
dollars				
Total capital and repair expenditures	1,469,000	966,000	95,000	408,000
<i>Total capital expenditures:</i>				
Construction	279,000	230,000	24,000	25,000
Machinery and equipment	869,000	496,000	46,000	327,000
<i>Total repair expenditures:</i>				
Construction	57,000	35,000	10,000	12,000
Machinery and equipment	264,000	205,000	15,000	44,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	262,138	105,567	38,949	117,622
Total gross salaries paid	7,183,107	4,161,941	277,073	2,744,093
Total gross wages paid	31,632,969	16,801,274	646,409	14,205,286
Cost of materials and supplies	42,265,215	33,646,554	2,235,743	6,382,918
Other indirect costs	5,607,472	4,032,669	339,580	1,235,223
Depreciation charges	983,682	491,637	49,328	442,717
Net profit before tax	4,108,832	2,795,516	154,687	1,158,649
Loss	304,334	154,862	95,607	53,865
Total billings	109,812,225	78,784,977	4,142,222	26,885,026
Payments to sub-contractors	18,053,144	16,904,681	496,080	652,383
Total value of work by own labour force	91,759,081	61,880,296	3,646,142	26,232,643
Revenue (other than from construction operations) ³	2,814,647	2,519,610	32,954	262,083

See footnotes) on page 13.

TABLE 7. Summary of Statistics of Firms classified by Type of Work, Canada, 1967 — Continued

Item	Total	New construction	Renovation	Repair and maintenance
Dry heating firms				
		number		
Total firms	306	157	65	84
Firms classified by legal entity:				
Sole proprietorship	122	50	28	44
Partnership	27	13	5	9
Incorporated company	157	94	32	31
Firms classified by type of contractor:				
Prime contractor	214	95	57	62
Prime sub-contractor	80	53	6	21
Sub-contractor	12	9	2	1
Total man-hours of wage earning employees	3,923,876	3,025,325	479,821	418,730
Journeymen	2,962,453	2,249,859	387,085	325,509
Apprentices	961,423	775,466	92,736	93,221
Salaried employees	510	357	103	50
dollars				
Total capital and repair expenditures	963,000	648,000	130,000	185,000
<i>Total capital expenditures:</i>				
Construction	242,000	204,000	15,000	23,000
Machinery and equipment	463,000	295,000	71,000	97,000
<i>Total repair expenditures:</i>				
Construction	104,000	68,000	23,000	13,000
Machinery and equipment	154,000	81,000	21,000	52,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	857,006	369,546	189,412	298,048
Total gross salaries paid	3,493,401	2,488,329	718,693	286,379
Total gross wages paid	11,734,436	9,089,526	1,465,149	1,179,761
Cost of materials and supplies	25,235,809	20,218,922	3,534,714	1,482,173
Other indirect costs	4,155,520	2,751,636	827,620	576,264
Depreciation charges	597,629	387,842	100,093	109,694
Net profit before tax	2,888,541	2,178,738	340,218	369,585
Loss	231,676	160,920	19,969	50,787
Total billings	54,050,407	42,311,941	7,397,832	4,340,634
Payments to sub-contractors	5,319,741	4,988,322	241,902	89,517
Total value of work by own labour force	48,730,666	37,323,619	7,155,930	4,251,117
Revenue (other than from construction operations)²	2,485,492	1,129,223	337,470	1,018,799
Process piping firms ⁴				
		number		
Total firms	73	54	10	9
Firms classified by legal entity:				
Sole Proprietorship	73	{ 3 51 }	10	9
Partnership				
Incorporated company				
Firms classified by type of contractor:				
Prime contractor	43	28	9	6
Prime sub-contractor	27	24	1	2
Sub-contractor	3	2	—	1
Total man-hours of wage earning employees	10,497,822	10,118,802	230,959	148,061
Journeymen	8,352,466	8,041,554	185,748	125,164
Apprentices	2,145,356	2,077,248	45,211	22,897
Salaried employees	669	619	35	15

See footnote(s) on page 13.

TABLE 7. Summary of Statistics of Firms classified by Type of Work, Canada, 1967 - Continued

Item	Total	New construction	Renovation	Repair and maintenance
Process piping firms ^a - Concluded				
dollars				
Total capital and repair expenditures	2,123,000	2,097,000	22,000	4,000
<i>Total capital expenditures:</i>				
Construction	515,000	515,000	-	
Machinery and equipment	1,111,000	1,102,000	7,000	2,000
<i>Total repair expenditures:</i>				
Construction	69,000	58,000	10,000	1,000
Machinery and equipment	428,000	422,000	5,000	1,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	50,490	19,334	12	12
Total gross salaries paid	5,157,789	4,826,441	254,628	76,720
Total gross wages paid	41,291,333	39,789,908	896,042	605,383
Cost of materials and supplies	54,843,993	53,454,808	567,649	821,536
Other indirect costs	7,370,930	6,891,190	237,166	242,574
Depreciation charges	1,078,966	1,025,921	39,371	13,674
Net profit before tax	6,339,180	6,118,978	77,746	142,500
Loss	522,955	491,843	12	12
Total billings	136,153,502	132,006,356	2,211,152	1,935,994
Payments to sub-contractors	20,543,776	20,371,619	138,550	33,607
Total value of work by own labour force	115,609,726	111,634,737	2,072,602	1,902,387
Revenue (other than from construction operations) ^b	2,499,906	2,469,997	27,854	2,055
Air conditioning and ventilation firms				
number				
Total firms	124	89	13	22
Firms classified by legal entity:				
Sole proprietorship	12	4		
Partnership	4	2		
Incorporated company	108	83	13	22
Firms classified by type of contractor:				
Prime contractor	49	22	9	18
Prime sub-contractor	53	46	3	4
Sub-contractor	22	21	1	-
Total man-hours of wage earning employees	6,242,589	4,731,715	1,117,101	393,773
Journeymen	4,479,936	3,418,065	856,722	205,149
Apprentices	1,762,653	1,313,650	260,379	188,624
Number of salaried employees	723	592	92	39
dollars				
Total capital and repair expenditures	1,055,000	877,000	104,000	74,000
<i>Total capital expenditures:</i>				
Construction	363,000	307,000	48,000	8,000
Machinery and equipment	492,000	412,000	34,000	46,000
<i>Total repair expenditures:</i>				
Construction	56,000	41,000	6,000	9,000
Machinery and equipment	144,000	117,000	16,000	11,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	70,543	23,194	12	12
Total gross salaries paid	5,926,449	5,099,322	618,355	208,772
Total gross wages paid	21,464,794	16,574,267	3,746,516	1,144,011
Cost of materials and supplies	39,700,102	32,299,396	5,619,138	1,781,568
Other indirect costs	5,809,741	4,503,687	970,541	335,513
Depreciation charges	721,204	606,516	64,894	49,794
Net profit before tax	4,536,321	3,410,099	759,790	378,282
Loss	690,636	655,137	12	12
Total billings	87,185,456	71,178,859	12,045,639	3,960,958
Payments to sub-contractors	9,646,938	9,317,515	266,405	63,018
Total value of work by own labour force	77,538,518	61,861,344	11,779,234	3,897,940
Revenue (other than from construction operations) ^b	332,955	180,254	20,200	132,501

See footnote(s) on page 13.

TABLE 8. Summary of Statistics of Firms classified by Legal Entity, Canada, 1967

Item	Total	Sole proprietorship	Partnership	Incorporated company
Mechanical contracting firms				
Total firms	2,021	677	106	1,238
Total man-hours of wage earning employees	62,314,526	2,252,781	828,924	59,232,821
Journeymen	47,350,368	1,534,077	569,566	45,246,725
Apprentices	14,964,158	718,704	259,358	13,986,096
Salaried employees	6,826	208	103	6,515
dollars				
Total capital and repair expenditures	12,474,000	1,019,000	246,000	11,209,000
<i>Total capital expenditures:</i>				
Construction	3,250,000	258,000	54,000	2,938,000
Machinery and equipment	6,288,000	497,000	142,000	5,649,000
<i>Total repair expenditures:</i>				
Construction	762,000	46,000	14,000	702,000
Machinery and equipment	2,174,000	218,000	36,000	1,920,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	4,223,164	3,167,114	1,056,050	
Total gross salaries paid	51,792,658	788,487	499,092	50,505,079
Total gross wages paid	222,816,340	5,828,576	2,498,769	214,488,995
Cost of materials and supplies	394,947,157	16,405,585	8,305,229	370,236,343
Other indirect costs	57,740,216	3,200,875	1,076,277	53,463,064
Depreciation charges	7,347,127	687,696	179,128	6,480,303
Net profit before tax	48,849,850	2,339,370	1,342,825	45,167,655
Loss	4,163,939	275,863	48,512	3,839,564
Total billings	908,739,640	33,097,470	15,791,754	859,850,416
Payments to sub-contractors	125,187,067	955,630	882,896	123,348,541
Total value of work by own labour force	783,552,573	32,141,840	14,908,858	736,501,875
Revenue (other than from construction operations) ³	15,089,215	1,117,054	516,401	13,455,760
Plumbing firms				
number				
Total firms	1,157	458	63	636
Total man-hours of wage earning employees	24,076,676	1,351,577	373,067	22,332,032
Journeymen	16,712,783	913,570	244,829	15,554,384
Apprentices	7,363,893	438,007	128,238	6,797,648
Salaried employees	2,813	134	50	2,629
dollars				
Total capital and repair expenditures	4,875,000	651,000	99,000	4,125,000
<i>Total capital expenditures:</i>				
Construction	1,130,000	180,000	21,000	929,000
Machinery and equipment	2,532,000	317,000	54,000	2,161,000
<i>Total repair expenditures:</i>				
Construction	367,000	30,000	8,000	329,000
Machinery and equipment	846,000	124,000	16,000	706,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	2,637,889	2,012,346	625,543	
Total gross salaries paid	21,334,206	466,072	235,749	20,632,385
Total gross wages paid	82,925,934	3,429,525	1,123,223	78,373,186
Cost of materials and supplies	173,942,531	10,844,778	3,424,252	159,673,501
Other indirect costs	26,099,312	1,928,752	563,749	23,606,811
Depreciation charges	3,292,364	391,534	93,461	2,807,369
Net profit before tax	20,795,547	1,634,559	451,177	18,709,811
Loss	2,156,455	174,187	39,918	1,942,350
Total billings	388,664,194	20,876,149	6,664,777	361,123,268
Payments to sub-contractors	59,792,866	342,770	187,541	59,262,555
Total value of work by own labour force	328,871,328	20,533,379	6,477,236	301,860,713
Revenue (other than from construction operations) ³	5,417,734	707,874	256,112	4,453,748

See footnote(s) on page 13.

TABLE 7. Summary of Statistics of Firms classified by Type of Work, Canada, 1967 - Continued

Item	Total	New construction	Renovation	Repair and maintenance
Process piping firms* - Concluded				
dollars				
Total capital and repair expenditures	2,123,000	2,097,000	22,000	4,000
<i>Total capital expenditures:</i>				
Construction	515,000	515,000		
Machinery and equipment	1,111,000	1,102,000	7,000	2,000
<i>Total repair expenditures:</i>				
Construction	69,000	58,000	10,000	1,000
Machinery and equipment	428,000	422,000	5,000	1,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	50,490	19,334		
Total gross salaries paid	5,157,789	4,826,441	254,628	76,720
Total gross wages paid	41,291,333	39,789,908	896,042	605,383
Cost of materials and supplies	54,843,993	53,454,808	567,649	821,536
Other indirect costs	7,370,930	6,891,190	237,166	242,574
Depreciation charges	1,078,966	1,025,921	39,371	13,674
Net profit before tax	6,339,180	6,118,978	77,746	142,500
Loss	522,955	491,843		
Total billings	136,153,502	132,006,356	2,211,152	1,935,994
Payments to sub-contractors	20,543,776	20,371,619	138,550	33,607
Total value of work by own labour force	115,609,726	111,634,737	2,072,502	1,902,387
Revenue (other than from construction operations) ¹	2,499,906	2,469,997	27,854	2,055
Air conditioning and ventilation firms				
number				
Total firms	124	89	13	22
Firms classified by legal entity:				
Sole proprietorship	12	4		
Partnership	4	2		
Incorporated company	108	83	13	22
Firms classified by type of contractor:				
Prime contractor	49	22	9	18
Prime sub-contractor	53	46	3	4
Sub-contractor	22	21	1	-
Total man-hours of wage earning employees	6,242,389	4,731,715	1,117,101	393,773
Journeymen	4,479,936	3,418,065	856,722	205,149
Apprentices	1,762,653	1,313,650	260,379	188,624
Number of salaried employees	723	592	92	39
dollars				
Total capital and repair expenditures	1,055,000	877,000	104,000	74,000
<i>Total capital expenditures:</i>				
Construction	363,000	307,000	48,000	8,000
Machinery and equipment	492,000	412,000	34,000	46,000
<i>Total repair expenditures:</i>				
Construction	56,000	41,000	6,000	9,000
Machinery and equipment	144,000	117,000	16,000	11,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	70,543	23,194		
Total gross salaries paid	5,926,449	5,099,322	618,355	208,772
Total gross wages paid	21,484,794	16,574,267	3,746,516	1,144,011
Cost of materials and supplies	39,700,102	32,299,396	5,619,138	1,781,568
Other indirect costs	5,809,741	4,503,687	970,541	335,513
Depreciation charges	721,204	606,516	64,894	49,794
Net profit before tax	4,536,321	3,410,099	759,790	378,282
Loss	690,636	655,137		
Total billings	87,185,456	71,178,859	12,045,639	3,960,958
Payments to sub-contractors	9,646,938	9,317,515	266,405	63,018
Total value of work by own labour force	77,538,518	61,861,344	11,779,234	3,897,940
Revenue (other than from construction operations) ¹	332,955	180,254	20,200	132,501

See footnote(s) on page 13.

TABLE 7. Summary of Statistics of Firms classified by Type of Work, Canada, 1967 - Continued

Item	Total	New construction	Renovation	Repair and maintenance
Fabricated sheet metal firms ¹				
number				
Total firms	82	57	6	19
Firms classified by legal entity:				
Sole proprietorship	20	8	4	8
Partnership	4	4	—	—
Incorporated company	58	45	2	11
Firms classified by type of contractor:				
Prime contractor	37	14	6	17
Prime sub-contractor	20	19	—	1
Sub-contractor	25	24	—	1
Total man-hours of wage earning employees	5,054,455	4,814,416	52,206	187,833
Journeymen	4,265,977	4,076,772	49,730	139,475
Apprentices	788,478	737,644	2,476	48,358
Number of salaried employees	456	422	2	32
dollars				
Total capital and repair expenditures	1,375,000	1,340,000	3,000	32,000
<i>Total capital expenditures:</i>				
Construction	620,000	620,000	—	—
Machinery and equipment	516,000	493,000	2,000	21,000
<i>Total repair expenditures:</i>				
Construction	82,000	78,000	1,000	3,000
Machinery and equipment	157,000	149,000	—	8,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	260,090	206,417	13,272	40,401
Total gross salaries paid	3,352,242	3,071,729	14,444	266,069
Total gross wages paid	17,579,438	16,898,253	149,006	532,179
Cost of materials and supplies	25,794,885	25,135,103	145,476	514,306
Other indirect costs	3,606,550	3,387,853	45,938	172,759
Depreciation charges	375,405	343,484	2,758	29,163
Net profit before tax	3,004,019	2,775,553	36,087	175,803
Loss	102,693	86,117	—	—
Total billings	61,770,766	59,619,118	406,981	1,744,667
Payments to sub-contractors	7,900,830	7,886,843	—	13,987
Total value of work by own labour force	53,869,936	51,732,275	406,981	1,730,680
Revenue (other than from construction operations) ²	217,439	213,471	—	3,968
Automatic sprinkler systems firms				
number				
Total firms	29	25	4	
Firms classified by legal entity:				
Sole proprietorship	29	—	4	
Partnership				
Incorporated company				
Firms classified by type of contractor:				
Prime contractor	16	14	2	10
Prime sub-contractor	3	3	—	—
Sub-contractor	10	8	2	—
Total man-hours of wage earning employees	1,348,595	1,272,395	76,200	
Journeymen	905,616	839,416	66,200	
Apprentices	442,979	432,979	10,000	
Salaried employees	202	166	36	

See footnote(s) on page 13.

TABLE 7. Summary of Statistics of Firms classified by Type of Work, Canada, 1967 - Concluded

item	Total	New construction	Renovation	Repair and maintenance
Automatic sprinkler systems firms - Concluded				
dollars				
Total capital and repair expenditures	219,000	204,000	15,000	
<i>Total capital expenditures:</i>				
Construction	96,000	92,000	4,000	
Machinery and equipment				
<i>Total repair expenditures:</i>				
Construction	6,000	6,000	—	
Machinery and equipment	117,000	106,000	11,000	
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	3,350	—	3,350	¹⁰
Total gross salaries paid	1,652,423	1,402,424	249,999	
Total gross wages paid	4,334,453	4,063,063	271,390	
Cost of materials and supplies	9,032,307	8,431,137	601,170	
Other indirect costs	1,346,383	1,272,208	74,175	
Depreciation charges	76,280	69,574	6,706	
Net profit before tax	1,041,959	1,014,639	27,320	
Loss	—	—	—	
Total billings	17,948,986	16,662,576	1,286,410	
Payments to sub-contractors	461,831	409,531	52,300	
Total value of work by own labour force	17,487,155	16,253,045	1,234,110	
Revenue (other than from construction operations) ¹	183,007	183,007	—	
Other mechanical trades firms ^a				
number				
Total firms	71	48	7	16
Firms classified by legal entity:				
Sole proprietorship		3		
Partnership	71	{ 1		
Incorporated company		44		
Firms classified by type of contractor:				
Prime contractor	26	9	5	12
Prime sub-contractor	14	10	1	3
Sub-contractor	31	29	1	1
Total man-hours of wage earning employees	3,341,835	2,701,513	513,566	126,756
Journeymen	2,928,108	2,328,434	510,428	89,246
Apprentices	413,727	373,079	3,138	37,510
Salaried employees	569	506	37	26
dollars				
Total capital and repair expenditures	395,000	224,000	60,000	111,000
<i>Total capital expenditures:</i>				
Construction	101,000	21,000	1,000	79,000
Machinery and equipment	209,000	157,000	26,000	26,000
<i>Total repair expenditures:</i>				
Construction	21,000	11,000	7,000	3,000
Machinery and equipment	64,000	35,000	26,000	3,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	81,658	36,001	13,455	32,202
Total gross salaries paid	3,693,041	3,273,518	219,477	200,046
Total gross wages paid	11,832,983	9,792,422	1,635,683	404,878
Cost of materials and supplies	24,132,315	21,217,997	1,867,429	1,046,889
Other indirect costs	3,744,308	2,978,646	359,019	406,643
Depreciation charges	221,597	136,667	51,024	33,906
Net profit before tax	6,135,451	5,594,753	412,461	123,046
Loss	155,190	149,999	¹²	¹²
Total billings	53,154,104	46,063,976	4,630,094	2,458,034
Payments to sub-contractors	3,467,941	3,185,971	71,546	210,424
Total value of work by own labour force	49,686,163	42,880,005	4,558,548	2,247,610
Revenue (other than from construction operations) ¹	1,138,035	952,554	5,419	180,062

See footnote(s) on page 13.

TABLE 8. Summary of Statistics of Firms classified by Legal Entity, Canada, 1967

Item	Total	Sole proprietorship	Partnership	Incorporated company
Mechanical contracting firms				
		number		
Total firms	2,021	677	106	1,238
Total man-hours of wage earning employees	62,314,526	2,252,781	828,924	59,232,821
Journeymen	47,350,368	1,534,077	569,566	45,246,725
Apprentices	14,964,158	718,704	259,358	13,986,096
Salaried employees	6,826	208	103	6,515
dollars				
Total capital and repair expenditures	12,474,000	1,019,000	246,000	11,209,000
<i>Total capital expenditures:</i>				
Construction	3,250,000	258,000	54,000	2,938,000
Machinery and equipment	6,288,000	497,000	142,000	5,649,000
<i>Total repair expenditures:</i>				
Construction	762,000	46,000	14,000	702,000
Machinery and equipment	2,174,000	218,000	36,000	1,920,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	4,223,164	3,167,114	1,056,050	
Total gross salaries paid	51,792,658	788,487	499,092	50,505,079
Total gross wages paid	222,816,340	5,828,576	2,498,769	214,488,995
Cost of materials and supplies	394,947,157	16,405,585	8,305,229	370,236,343
Other indirect costs	57,740,216	3,200,875	1,076,277	53,463,064
Depreciation charges	7,347,127	687,696	179,128	6,480,303
Net profit before tax	48,849,850	2,339,370	1,342,825	45,167,655
Loss	4,163,939	275,863	48,512	3,839,564
Total billings	908,739,640	33,097,470	15,791,754	859,850,416
Payments to sub-contractors	125,187,067	955,630	882,896	123,348,541
Total value of work by own labour force	783,552,573	32,141,840	14,908,858	736,501,875
Revenue (other than from construction operations) ³	15,089,215	1,117,054	516,401	13,455,760
Plumbing firms				
		number		
Total firms	1,157	458	63	636
Total man-hours of wage earning employees	24,076,676	1,351,577	373,067	22,352,032
Journeymen	16,712,783	913,570	244,829	15,554,384
Apprentices	7,363,893	438,007	128,238	6,797,648
Salaried employees	2,813	134	50	2,629
dollars				
Total capital and repair expenditures	4,875,000	651,000	99,000	4,125,000
<i>Total capital expenditures:</i>				
Construction	1,130,000	180,000	21,000	929,000
Machinery and equipment	2,532,000	317,000	54,000	2,161,000
<i>Total repair expenditures:</i>				
Construction	367,000	30,000	8,000	329,000
Machinery and equipment	846,000	124,000	16,000	706,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	2,637,889	2,012,346	625,543	
Total gross salaries paid	21,334,206	466,072	235,749	20,632,385
Total gross wages paid	82,925,934	3,429,525	1,123,223	78,373,186
Cost of materials and supplies	173,942,531	10,844,778	3,424,252	159,673,501
Other indirect costs	26,099,312	1,928,752	563,749	23,606,811
Depreciation charges	3,292,364	391,534	93,461	2,807,369
Net profit before tax	20,795,547	1,634,559	451,177	18,709,811
Loss	2,156,455	174,187	39,918	1,942,350
Total billings	388,664,194	20,876,149	6,664,777	361,123,268
Payments to sub-contractors	59,792,866	342,770	187,541	59,262,555
Total value of work by own labour force	328,871,328	20,533,379	6,477,236	301,860,713
Revenue (other than from construction operations) ³	5,417,734	707,874	256,112	4,453,748

See footnote(s) on page 13.

TABLE 8. Summary of Statistics of Firms classified by Legal Entity, Canada, 1967 - Continued

Item	Total	Sole proprietorship	Partnership	Incorporated company
Wet heating firms				
number				
Total firms	179	45	5	129
Total man-hours of wage earning employees	7,828,678	208,830	13,091	7,606,757
Journeymen	6,743,029	153,158	11,591	6,578,280
Apprentices	1,085,649	55,672	1,500	1,028,477
Salaried employees	884	12	3	869
dollars				
Total capital and repair expenditures	1,469,000	120,000	1,000	1,348,000
<i>Total capital expenditures:</i>				
Construction	279,000	40,000	—	239,000
Machinery and equipment	869,000	48,000	1,000	820,000
<i>Total repair expenditures:</i>				
Construction	57,000	5,000	—	52,000
Machinery and equipment	264,000	27,000	—	237,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	262,138	193,264	68,874	
Total gross salaries paid	7,183,107	80,822	5,985	7,096,300
Total gross wages paid	31,652,969	598,086	46,349	31,008,534
Cost of materials and supplies	42,265,215	1,381,825	129,621	40,753,769
Other indirect costs	5,607,472	303,377	21,075	5,283,020
Depreciation charges	983,682	91,964	3,573	888,145
Net profit before tax	4,108,832	167,986	35,793	3,905,053
Loss	304,334	32,411	—	271,923
Total billings	109,812,225	3,277,342	311,745	106,223,138
Payments to sub-contractors	18,053,144	492,429	475	17,560,240
Total value of work by own labour force	91,759,081	2,784,913	311,270	88,662,898
Revenue (other than from construction operations) ³	2,814,647	117,169	43,179	2,654,299
Dry heating firms				
number				
Total firms	306	122	27	157
Total man-hours of wage earning employees	3,923,876	404,323	110,148	3,409,405
Journeymen	2,962,453	295,569	80,448	2,586,436
Apprentices	961,423	108,754	29,700	822,969
Salaried employees	510	43	14	453
dollars				
Total capital and repair expenditures	963,000	160,000	76,000	727,000
<i>Total capital expenditures:</i>				
Construction	242,000	36,000	29,000	177,000
Machinery and equipment	463,000	75,000	35,000	353,000
<i>Total repair expenditures:</i>				
Construction	104,000	9,000	5,000	90,000
Machinery and equipment	154,000	40,000	7,000	107,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	857,006	611,094	245,912	
Total gross salaries paid	3,493,401	146,613	66,337	3,280,451
Total gross wages paid	11,734,436	995,663	295,758	10,443,015
Cost of materials and supplies	25,235,809	2,405,609	875,857	21,954,343
Other indirect costs	4,155,520	616,244	198,436	3,340,840
Depreciation charges	597,629	138,878	43,243	415,508
Net profit before tax	2,888,541	365,785	171,082	2,351,674
Loss	231,676	64,921	8,187	158,568
Total billings	54,050,407	5,318,043	1,901,171	46,831,193
Payments to sub-contractors	5,319,741	103,078	12,733	5,203,930
Total value of work by own labour force	48,730,666	5,214,965	1,888,438	41,627,263
Revenue (other than from construction operations) ³	2,485,492	282,039	192,684	2,010,769

TABLE 8. Summary of Statistics of Firms classified by Legal Entity, Canada, 1967 - Continued

Item	Total	Sole proprietorship	Partnership	Incorporated company
Process piping firms ^a				
number				
Total firms	73			
Total man-hours of wage earning employees	10,497,822			
Journeymen	8,352,466	*		
Apprentices	2,145,356			
Salaried employees	669			
dollars				
Total capital and repair expenditures	2,123,000			
<i>Total capital expenditures:</i>				
Construction	515,000			
Machinery and equipment	1,111,000			
<i>Total repair expenditures:</i>				
Construction	69,000			
Machinery and equipment	428,000			
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	50,490	*		
Total gross salaries paid	5,157,789			
Total gross wages paid	41,291,333			
Cost of materials and supplies	54,843,993			
Other indirect costs	7,370,930			
Depreciation charges	1,078,966			
Net profit before tax	6,339,180			
Loss	522,955			
Total billings	136,153,502			
Payments to sub-contractors	20,543,776			
Total value of work by own labour force	115,609,726			
Revenue (other than from construction operations)^b	2,499,906			
Air conditioning and ventilation firms				
number				
Total firms	124	12	4	108
Total man-hours of wage earning employees	6,242,589	38,476	258,650	5,945,463
Journeymen	4,479,936	21,974	192,520	4,265,442
Apprentices	1,762,653	16,502	66,130	1,680,021
Salaried employees	723	3	30	690
dollars				
Total capital and repair expenditures	1,055,000	6,000	38,000	1,011,000
<i>Total capital expenditures:</i>				
Construction	363,000	1,000	3,000	359,000
Machinery and equipment	492,000	3,000	24,000	465,000
<i>Total repair expenditures:</i>				
Construction	56,000	—	—	56,000
Machinery and equipment	144,000	2,000	11,000	131,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	70,543	12	12	
Total gross salaries paid	5,926,449	5,822	170,665	5,749,962
Total gross wages paid	21,464,794	110,315	880,434	20,474,045
Cost of materials and supplies	39,700,102	213,785	3,440,069	36,046,248
Other indirect costs	5,809,741	64,401	247,114	5,498,226
Depreciation charges	721,204	9,408	22,483	689,313
Net profit before tax	4,536,321	81,695	652,379	3,870,514
Loss	690,636	12	12	688,360
Total billings	87,185,456	489,426	6,049,608	80,646,422
Payments to sub-contractors	9,646,938	4,000	636,464	9,006,474
Total value of work by own labour force	77,538,518	485,426	5,413,144	71,639,948
Revenue (other than from construction operations)^b	332,955	8,453	—	324,502

See footnote(s) on page 13.

TABLE 8. Summary of Statistics of Firms classified by Legal Entity, Canada, 1967 - Continued

Item	Total	Sole proprietorship	Partnership	Incorporated company
Fabricated sheet metal firms ¹				
number				
Total firms	82	20	4	58
Total man-hours of wage earning employees	5,054,455	185,621	38,200	4,830,634
Journeymen	4,265,977	102,047	16,700	4,147,230
Apprentices	788,478	83,574	21,500	683,404
Salaried employees	456	16	1	439
dollars				
Total capital and repair expenditures	1,375,000	68,000	8,000	1,299,000
<i>Total capital expenditures:</i>				
Construction	620,000	—	1,000	619,000
Machinery and equipment	516,000	47,000	7,000	462,000
<i>Total repair expenditures:</i>				
Construction	82,000	1,000	—	81,000
Machinery and equipment	157,000	20,000	—	137,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	260,090	12	12	
Total gross salaries paid	3,352,242	89,158	4,300	3,258,784
Total gross wages paid	17,579,438	537,612	89,792	16,952,034
Cost of materials and supplies	25,794,885	1,199,364	218,331	24,377,190
Other indirect costs	3,606,550	181,032	21,437	3,404,081
Depreciation charges	375,405	32,369	5,278	337,758
Net profit before tax	3,004,019	264,075	87,099	2,912,935
Loss	102,693	12	12	102,693
Total billings	61,770,766	2,308,841	470,420	58,991,505
Payments to sub-contractors	7,900,830	5,231	44,183	7,851,416
Total value of work by own labour force	53,869,936	2,303,610	426,237	51,140,089
Revenue (other than from construction operations) ²	217,439	26	20,000	197,413
Automatic sprinkler systems firms				
number				
Total firms	29			29
Total man-hours of wage earning employees	1,348,595	9		1,348,595
Journeymen	905,616	—		905,616
Apprentices	442,979	—		442,979
Salaried employees	202			202
dollars				
Total capital and repair expenditures	219,000			219,000
<i>Total capital expenditures:</i>				
Construction	—			—
Machinery and equipment	96,000			96,000
<i>Total repair expenditures:</i>				
Construction	6,000			6,000
Machinery and equipment	117,000			117,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	3,350	9		3,350
Total gross salaries paid	1,652,423	—		1,652,423
Total gross wages paid	4,334,453	—		4,334,453
Cost of materials and supplies	9,032,307	—		9,032,307
Other indirect costs	1,346,383	—		1,346,383
Depreciation charges	76,280	—		76,280
Net profit before tax	1,041,959	—		1,041,959
Loss	—	—		—
Total billings	17,948,986			17,948,986
Payments to sub-contractors	461,831	—		461,831
Total value of work by own labour force	17,487,155	—		17,487,155
Revenue (other than from construction operations) ²	183,007	—		183,007

See footnote(s) on page 13.

TABLE 8. Summary of Statistics of Firms classified by Legal Entity, Canada, 1967 — Concluded

Item	Total	Sole proprietorship	Partnership	Incorporated company
Other mechanical trades firms*				
number				
Total firms	71	10	3	58
Total man-hours of wage earning employees	3,341,835	12,441	35,768	3,293,626
Journeymen	2,928,108	10,154	23,478	2,894,476
Apprentices	413,727	2,287	12,290	399,150
Salaried employees	569	—	5	564
dollars				
Total capital and repair expenditures:.....	395,000	8,000	24,000	363,000
Total capital expenditures:				
Construction	101,000	1,000	—	100,000
Machinery and equipment	209,000	2,000	21,000	186,000
Total repair expenditures:				
Construction	21,000	—	1,000	20,000
Machinery and equipment	64,000	5,000	2,000	57,000
Selected operational characteristics:				
Earnings and withdrawals of owners and partners	81,658	39,825	41,833	
Total gross salaries paid	3,693,041	—	16,056	3,676,985
Total gross wages paid	11,832,983	28,740	63,213	11,741,030
Cost of materials and supplies	24,132,315	156,352	217,099	23,758,864
Other indirect costs	3,744,308	48,491	24,466	3,671,351
Depreciation charges	221,597	10,852	11,090	199,655
Net profit before tax	6,135,451	44,474	18,776	6,072,201
Loss	155,190	—	—	155,190
Total billings	53,154,104	330,085	394,033	52,429,986
Payments to sub-contractors	3,467,941	1,351	1,500	3,465,090
Total value of work by own labour force	49,686,163	328,734	392,533	48,964,896
Revenue (other than from construction operations)*	1,138,035	—	4,426	1,133,609

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967

Item	Total	Plumbing	Wet heating	Dry heating	Process piping ^a	Air conditioning and ventilation	Fabricated sheet metal ^b	Automatic sprinkler systems	Other mechanical trades ^c
Canada									
number									
Total firms	2,021	1,157	179	306	73	124	82	29	71
Firms classified by size:^d									
\$ 0-\$ 49,999	643	406	37	131	8	20	22	6	13
50,000-\$ 99,999	399	235	29	79	8	17	14	4	13
100,000-\$ 249,999	442	269	37	57	15	29	17	5	13
250,000-\$ 499,999	216	113	33	17	9	20	10	3	11
500,000-\$ 999,999	155	71	20	14	10	18	8	5	9
1,000,000 and over	166	63	23	8	23	20	11	6	12
Firms classified by legal entity:									
Sole proprietorship	677	458	45	122	12	20	29	71	
Partnership	106	63	5	27	4	4			
Incorporated company	1,238	636	129	157	108	58			
Firms classified by type of contractor:									
Prime contractor	1,195	724	86	214	43	49	37	16	26
Prime sub-contractor	674	391	86	80	27	53	20	3	14
Sub-contractor	152	42	7	12	3	22	25	10	31
Firms classified by type of construction:									
Residential (single, duplex, triplex)	1,125	754	71	251	11	8	21	—	12
Residential (other)	166	119	15	22		4	3		
Industrial	264	78	28	16	49	30	23	25	15
Commercial	194	78	11	11	8	52	13	4	17
Institutional	264	124	54	6	30	22	—		25
Other ^e	8	4	—	5	—	—	—	—	2
Firms classified by type of work:									
New construction	1,223	679	114	157	54	89	57	25	48
Renovation	249	123	23	65	10	13	6	2	7
Repair and maintenance	549	355	42	84	9	22	19	2	16
Total man-hours of wage earning employees	62,314,526	24,076,676	7,828,678	3,923,876	10,497,822	6,242,589	5,054,455	1,348,595	3,341,835
Journeymen	47,350,368	16,712,783	6,743,029	2,962,453	8,352,466	4,479,936	4,265,977	905,616	2,928,108
Apprentices	14,964,158	7,363,893	1,085,649	961,423	2,145,356	1,762,653	788,478	442,979	413,727
Salaried employees	6,826	2,813	884	510	669	723	456	202	569
dollars									
Total capital and repair expenditures	12,474,000	4,875,000	1,469,000	963,000	2,123,000	1,055,000	1,375,000	219,000	395,000
<i>Total capital expenditures:</i>									
Construction	3,250,000	1,130,000	279,000	242,000	515,000	363,000	620,000	—	101,000
Machinery and equipment	6,288,000	2,532,000	869,000	463,000	1,111,000	492,000	516,000	96,000	209,000
<i>Total repair expenditures:</i>									
Construction	762,000	367,000	57,000	104,000	69,000	56,000	82,000	6,000	21,000
Machinery and equipment	2,174,000	846,000	264,000	154,000	428,000	144,000	157,000	117,000	64,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	4,223,164	2,637,889	262,138	857,006	50,490	70,543	260,090	3,350	81,658
Total gross salaries paid	51,792,658	21,334,206	7,183,107	3,493,401	5,157,789	5,926,449	3,332,242	1,652,423	3,693,041
Total gross wages paid	222,816,340	82,925,934	31,652,969	11,734,436	41,291,333	21,464,794	17,579,438	4,334,453	11,832,983
Cost of materials and supplies	394,947,157	173,942,531	42,265,215	25,235,809	54,843,993	39,700,102	25,794,885	9,032,307	24,132,315
Other indirect costs	57,740,216	26,099,312	5,607,472	4,155,520	7,370,930	5,809,741	3,606,550	1,346,383	3,744,308
Depreciation charges	7,347,127	3,292,364	983,682	597,629	1,078,960	721,204	375,405	76,280	221,597
Net profit before tax	48,849,850	20,795,547	4,108,832	2,888,541	6,339,180	4,536,321	3,004,019	1,041,959	6,135,451
Loss	4,163,939	2,156,455	304,334	231,676	522,955	690,636	102,693	—	155,190
Total billings	908,739,640	388,664,194	109,812,225	54,050,407	136,153,502	87,185,456	61,770,766	17,948,986	53,154,104
Payments to sub-contractors	125,187,067	59,792,866	18,053,144	5,319,741	20,543,776	9,646,938	7,900,830	461,831	3,467,941
Total value of work by own labour force	783,552,573	328,871,328	91,759,081	48,730,666	115,609,726	77,538,518	53,869,936	17,487,155	49,686,163
Revenue (other than from construction operations) ^f	15,089,215	5,417,734	2,814,647	2,485,492	2,499,906	332,955	217,439	183,007	1,138,035

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 — Continued

Item	Total	Plumbing	Wet heating	Dry heating	Process piping ⁴	Air conditioning and ventilation	Fabricated sheet metals ⁵	Automatic sprinkler systems	Other mechanical trades ⁶
Newfoundland									
number									
Total firms	25	15	3	—	—	—	—	3	4
Firms classified by size: ¹									
\$ 0-\$ 49,999	4	1	—	—	—	—	—	—	—
50,000- 99,999	2	—	—	—	—	—	—	—	—
100,000- 249,999	7	4	3	—	—	—	—	3	4
250,000- 499,999	5	4	—	—	—	—	—	—	—
500,000- 999,999	4	—	—	—	—	—	—	—	—
1,000,000 and over	3	6	—	—	—	—	—	—	—
Firms classified by legal entity:									
Sole proprietorship	2	—	—	—	—	—	—	—	—
Partnership	2	15	3	—	—	—	—	3	4
Incorporated company	21	—	—	—	—	—	—	—	—
Firms classified by type of contractor:									
Prime contractor	9	5	2	—	—	—	—	2	—
Prime sub-contractor	12	9	1	—	—	—	—	—	2
Sub-contractor	4	1	—	—	—	—	—	1	2
Firms classified by type of construction:									
Residential (single, duplex, triplex)	8	5	3	—	—	—	—	—	—
Residential (other)	—	—	—	—	—	—	—	—	—
Industrial	10	4	—	—	—	—	—	3	3
Commercial	1	1	—	—	—	—	—	—	—
Institutional	6	5	—	—	—	—	—	—	1
Other ²	—	—	—	—	—	—	—	—	—
Firms classified by type of work:									
New construction	24	14	3	—	—	—	—	3	4
Renovation	—	—	—	—	—	—	—	—	—
Repair and maintenance	1	1	—	—	—	—	—	—	—
Total man-hours of wage earning employees	1,138,777	576,626	23,247	—	—	—	—	36,500	502,404
Journeymen	932,474	400,470	11,632	—	—	—	—	24,500	495,872
Apprentices	206,303	176,156	11,615	—	—	—	—	12,000	6,532
Salaried employees	90	72	2	—	—	—	—	3	13
dollars									
Total capital and repair expenditures	190,000	163,000	17,000	—	—	—	—	—	10,000
Total capital expenditures:									
Construction	47,000	47,000	—	—	—	—	—	—	—
Machinery and equipment	106,000	87,000	16,000	—	—	—	—	—	3,000
Total repair expenditures:									
Construction	10,000	10,000	—	—	—	—	—	—	—
Machinery and equipment	27,000	19,000	1,000	—	—	—	—	—	7,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	30,494	12	12	—	—	—	—	13	13
Total gross salaries paid	799,880	630,629	9,980	—	—	—	—	13	13
Total gross wages paid	3,091,441	1,878,904	56,387	—	—	—	—	13	13
Cost of materials and supplies	4,816,271	3,902,862	125,417	—	—	—	—	13	13
Other indirect costs	655,828	579,357	19,506	—	—	—	—	13	13
Depreciation charges	125,484	107,221	3,560	—	—	—	—	13	13
Net profit before tax	1,616,373	727,558	16,951	—	—	—	—	13	13
Loss	56,426	12	12	—	—	—	—	13	13
Total billings	12,473,244	8,132,434	232,716	—	—	—	—	539,631	3,568,463
Payments to sub-contractors	1,393,899	305,903	915	—	—	—	—	3,700	1,083,381
Total value of work by own labour force....	11,079,345	7,826,531	231,801	—	—	—	—	535,931	2,485,082
Revenue (other than from construction operations) ³	515,671	515,671	14	—	—	—	—	14	—

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 – Continued

Item	Total	Plumbing	Wet heating	Dry heating	Process piping*	Air conditioning and ventilation	Fabricated sheet metal ⁵	Automatic sprinkler systems	Other mechanical trades ⁶
Prince Edward Island									
number									
Total firms	9	6			—	—	—	—	3
Firms classified by size:¹									
\$ 0-\$ 49,999	1	1			—	—	—	—	
50,000- 99,999	2	2			—	—	—	—	
100,000- 249,999	3	3			—	—	—	—	
250,000- 499,999	2	2			—	—	—	—	
500,000- 999,999	1	2			—	—	—	—	
1,000,000 and over	—	—			—	—	—	—	
Firms classified by legal entity:									
Sole proprietorship	2	2			—	—	—	—	
Partnership	—	—			—	—	—	—	
Incorporated company	7	6			—	—	—	—	3
Firms classified by type of contractor:									
Prime contractor	4	3	11	11	—	—	—	—	I
Prime sub-contractor	3	2			—	—	—	—	1
Sub-contractor	2	1			—	—	—	—	1
Firms classified by type of construction:									
Residential (single, duplex, triplex)	3	3			—	—	—	—	—
Residential (other)	—	—			—	—	—	—	
Industrial	2	1			—	—	—	—	1
Commercial	—	—			—	—	—	—	
Institutional	3	1			—	—	—	—	2
Other ²	1	1			—	—	—	—	—
Firms classified by type of work:									
New construction	9	6			—	—	—	—	3
Renovation	—	—			—	—	—	—	—
Repair and maintenance	—	—			—	—	—	—	—
Total man-hours of wage earning employees	197,510	90,260			—	—	—	—	107,250
Journeymen	128,286	53,336			—	—	—	—	74,950
Apprentices	69,224	36,924			—	—	—	—	32,300
Salaried employees	30	15			—	—	—	—	15
dollars									
Total capital and repair expenditures	280,000	24,000			—	—	—	—	256,000
<i>Total capital expenditures:</i>									
Construction	169,000	10,000			—	—	—	—	159,000
Machinery and equipment	52,000	8,000			—	—	—	—	44,000
<i>Total repair expenditures:</i>									
Construction	7,000	3,000			—	—	—	—	4,000
Machinery and equipment	52,000	3,000			—	—	—	—	49,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	8,000	—			—	—	—	—	8,000
Total gross salaries paid	167,605	96,313	11	11	—	—	—	—	71,292
Total gross wages paid	433,014	233,263			—	—	—	—	199,751
Cost of materials and supplies	1,174,707	621,365			—	—	—	—	553,342
Other indirect costs	180,255	116,325			—	—	—	—	63,930
Depreciation charges	36,587	22,177			—	—	—	—	14,410
Net profit before tax	55,768	12,434			—	—	—	—	17,875
Loss	25,459	—			—	—	—	—	
Total billings	2,086,777	1,149,777			—	—	—	—	937,000
Payments to sub-contractors	56,300	47,900			—	—	—	—	8,400
Total value of work by own labour force	2,030,477	1,101,877			—	—	—	—	928,600
Revenue (other than from construction operations) ³	472,450	213,450			—	—	—	—	259,000

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 — Continued

Item	Total	Plumbing	Wet heating	Dry heating	Process piping ^a	Air conditioning and ventilation	Fabricated sheet metal ^b	Automatic sprinkler systems	Other mechanical trades ^c
Nova Scotia number									
Total firms	62	35							27
Firms classified by size:^d									
\$ 0- \$ 49,999	15	10							5
50,000- 99,999	9	6							3
100,000- 249,999	19	12							7
250,000- 499,999	8	4							4
500,000- 999,999	3	—							3
1,000,000 and over	8	3							5
Firms classified by legal entity:									
Sole proprietorship	17	11							6
Partnership	2	1							1
Incorporated company	43	23							20
Firms classified by type of contractor:									
Prime contractor	37	22	11	11	11	11	—	11	15
Prime sub-contractor	19	11	—	—	—	—	—	—	8
Sub-contractor	6	2	—	—	—	—	—	—	4
Firms classified by type of construction:									
Residential (single, duplex, triplex)	30	20							10
Residential (other)	6	5							1
Industrial	10	2							8
Commercial	4	2							2
Institutional	12	6							6
Other ^e	—	—							—
Firms classified by type of work:									
New construction	36	17							19
Renovation	11	7							4
Repair and maintenance	15	11							4
Total man-hours of wage earning employees	2,234,519	803,636							1,430,863
Journeymen	1,272,038	420,541							851,497
Apprentices	962,481	383,115							579,366
Salaried employees	251	88							163
dollars									
Total capital and repair expenditures	582,000	84,000							498,000
<i>Total capital expenditures:</i>									
Construction	130,000	2,000							128,000
Machinery and equipment	356,000	56,000							300,000
<i>Total repair expenditures:</i>									
Construction	14,000	7,000							7,000
Machinery and equipment	82,000	19,000							63,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	65,320	48,137	11	11	11	11	11	11	17,183
Total gross salaries paid	1,859,086	649,574							1,209,512
Total gross wages paid	6,616,958	2,223,890							4,393,068
Cost of materials and supplies	23,047,022	6,002,884							17,044,138
Other indirect costs	2,505,348	579,405							1,925,943
Depreciation charges	407,093	93,432							313,661
Net profit before tax	2,306,457	409,863							1,896,594
Loss	366,611	197,279							169,332
Total billings	45,572,545	10,629,076							34,943,469
Payments to sub-contractors	9,131,872	819,170							8,312,702
Total value of work by own labour force	36,440,673	9,809,906							26,630,767
Revenue (other than from construction operations) ^f	1,488,719	573,325							915,394

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 — Continued

Item	Total	Plumbing	Wet heating	Dry heating	Process piping ^a	Air conditioning and ventilation	Fabricated sheet metal ^b	Automatic sprinkler systems	Other mechanical trades ^c
New Brunswick									
number									
Total firms	31	15	5	5	—	—	—	—	6
Firms classified by size:^d									
\$ 0-\$ 49,999	3	5	—	—	—	—	—	—	—
50,000-\$ 99,999	9	3	4	—	—	—	—	—	—
100,000-\$ 249,999	12	7	1	—	—	—	—	—	4
250,000-\$ 499,999	2	3	—	—	—	—	—	—	2
500,000+\$ 999,999	4	1	1	1	—	—	—	—	—
1,000,000 and over	1	—	—	—	—	—	—	—	—
Firms classified by legal entity:									
Sole proprietorship	7	4	—	—	—	—	—	—	—
Partnership	—	—	—	—	—	—	—	—	—
Incorporated company	24	11	5	5	—	—	—	—	6
Firms classified by type of contractor:									
Prime contractor	20	12	4	3	—	—	—	—	1
Prime sub-contractor	8	3	1	2	—	—	—	—	2
Sub-contractor	3	—	—	—	—	—	—	—	3
Firms classified by type of construction:									
Residential (single, duplex, triplex)	16	9	4	3	—	—	—	—	—
Residential (other)	2	1	1	—	—	—	—	—	—
Industrial	3	—	—	1	—	—	—	—	2
Commercial	4	3	—	—	—	—	—	—	1
Institutional	6	2	—	1	—	—	—	—	3
Other ^e	—	—	—	—	—	—	—	—	—
Firms classified by type of work:									
New construction	20	7	5	2	—	—	—	—	6
Renovation	2	2	—	—	—	—	—	—	—
Repair and maintenance	9	6	—	3	—	—	—	—	—
Total man-hours of wage earning employees	637,368	233,377	92,574	118,447	—	—	—	—	192,970
Journeymen	460,183	170,291	48,324	112,447	—	—	—	—	129,121
Apprentices	177,185	63,086	44,250	6,000	—	—	—	—	63,849
Salaried employees	79	44	12	8	—	—	—	—	15
dollars									
Total capital and repair expenditures	80,000	50,000	6,000	13,000	—	—	—	—	11,000
<i>Total capital expenditures:</i>									
Construction	3,000	2,000	1,000	—	—	—	—	—	—
Machinery and equipment	64,000	39,000	3,000	13,000	—	—	—	—	9,000
<i>Total repair expenditures:</i>									
Construction	2,000	2,000	—	—	—	—	—	—	—
Machinery and equipment	11,000	7,000	2,000	—	—	—	—	—	2,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	34,460	17,340	—	—	—	—	—	—	—
Total gross salaries paid	546,172	268,190	120,777	72,320	—	—	—	—	84,885
Total gross wages paid	1,636,425	661,915	186,438	276,656	—	—	—	—	511,416
Cost of materials and supplies	4,030,033	1,650,447	564,352	829,598	—	—	—	—	985,636
Other indirect costs	534,003	310,710	91,337	48,221	—	—	—	—	83,735
Depreciation charges	81,356	40,515	19,158	4,921	—	—	—	—	16,762
Net profit before tax	631,087	250,637	29,278	140,853	—	—	—	—	91,416
Loss	163,533	27,510	—	—	—	—	—	—	—
Total billings	8,621,639	3,830,616	1,121,924	1,723,575	—	—	—	—	1,945,524
Payments to sub-contractors	1,291,636	658,372	110,584	351,006	—	—	—	—	171,674
Total value of work by own labour force	7,330,003	3,172,244	1,011,340	1,372,569	—	—	—	—	1,773,850
Revenue (other than from construction operations) ^f	272,015	272,015	—	—	—	—	—	—	—

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 - Continued

Item	Total	Plumbing	Wet heating	Dry heating	Process piping ^a	Air conditioning and ventilation	Fabricated sheet metal ^b	Automatic sprinkler systems	Other mechanical trades ^c
Quebec number									
Total firms									
	518	314	57	67	15	36	12	4	13
Firms classified by size:^d									
\$ 0 - \$ 49,999	170	101	20	32	2	6	7		3
50,000 - 99,999	115	80	8	16		6	4		
100,000 - 249,999	123	85	14	10	3	7		1	6
250,000 - 499,999	38	16	9	4		4			
500,000 - 999,999	36	19		5	4	6		3	
1,000,000 and over	36	13	6		6	7	1	3	4
Firms classified by legal entity:									
Sole proprietorship	204	138	25	29	15	4	4		
Partnership	32	18	2	8		1	3		
Incorporated company	282	158	30	30		31	5	4	13
Firms classified by type of contractor:									
Prime contractor	333	213	35	40	11	16	8	3	7
Prime sub-contractor	169	98	20	24	4	17	4		2
Sub-contractor	16	3	2	3		3		1	4
Firms classified by type of construction:									
Residential (single, duplex, triplex)	340	235	35	55	2	3	9		1
Residential (other)	41	29	5	5			1		1
Industrial	59	21	8	3	10	9			4
Commercial	49	17	3	3	3	18	1		4
Institutional	29	12	6	1		6	1		3
Other ^e	-	-	-	-					
Firms classified by type of work:									
New construction	268	149	28	39	8	25	8	3	8
Renovation	62	32	11	6	4	6		1	2
Repair and maintenance	188	133	18	22	3	5	4		3
Total man-hours of wage earning employees	14,446,444	4,788,178	1,332,116	837,249	4,159,427	2,143,679	277,924	304,000	603,871
Journeymen	10,545,005	3,248,249	1,007,348	558,498	3,295,868	1,503,568	213,712	192,180	525,582
Apprentices	3,901,439	1,539,929	324,768	278,751	863,559	640,111	64,212	111,820	78,289
Salaried employees	1,565	667	128	80	205	288	19	82	96
dollars									
Total capital and repair expenditures	2,047,000	755,000	231,000	234,000	533,000	149,000	30,000	52,000	63,000
<i>Total capital expenditures:</i>									
Construction	485,000	178,000	37,000	83,000	174,000	8,000			5,000
Machinery and equipment	915,000	284,000	132,000	94,000	234,000	90,000	17,000	18,000	46,000
<i>Total repair expenditures:</i>									
Construction	155,000	79,000	9,000	18,000	31,000	13,000	3,000		2,000
Machinery and equipment	492,000	214,000	53,000	39,000	94,000	38,000	10,000	34,000	10,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	1,156,315	710,789	134,952	206,962		25,977	55,101		
Total gross salaries paid	11,358,899	4,485,724	968,921	472,346	1,313,634	2,340,680	270,245		693,320
Total gross wages paid	50,039,836	15,910,388	5,133,787	2,200,707	15,353,355	7,429,041	864,170	1,022,148	2,126,240
Cost of materials and supplies	80,038,051	31,324,484	9,195,881	4,127,304	15,211,748	12,837,119	1,420,468	1,860,298	4,060,749
Other indirect costs	14,562,345	5,739,298	1,096,694	820,087	2,883,363	2,395,514	314,494	382,266	930,629
Depreciation charges	1,500,653	643,286	162,460	137,871	226,319	235,298	11,262	19,801	64,356
Net profit before tax	7,868,182	2,797,186	601,000	747,587	721,681	871,429	79,987	109,947	1,179,154
Loss	1,164,331		57,245	104,736		186,724	32,881		
Total billings	179,155,420	64,855,430	18,494,968	9,072,809	39,860,806	29,556,727	3,230,464	4,248,515	9,835,701
Payments to sub-contractors	13,795,470	3,244,275	1,258,518	464,681	4,150,706	3,608,393	247,618	160,735	660,544
Total value of work by own labour force	165,359,950	61,611,155	17,236,450	8,608,128	35,710,100	25,948,334	2,982,846	4,087,780	9,175,157
Revenue (other than from construction operations) ^f	3,106,194	1,494,560	792,413	324,527		155,402		136,897	202,395

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 — Continued

Item	Total	Plumbing	Wet heating	Dry heating	Process piping ⁴	Air conditioning and ventilation	Fabricated sheet metals ⁵	Automatic sprinkler systems	Other mechanical trades ⁶
Ontario									
number									
Total firms	840	472	60	149	33	44	50	7	25
Firms classified by size: ¹									
\$ 0-\$ 49,999	304	195	8	65	6	12	9	3	6
50,000- 99,999	171	93	13	41	4	5	9		9
100,000- 249,999	160	87	13	26	9	9	12	1	
250,000- 499,999	80	43	11	5	4	9	4	—	4
500,000- 999,999	57	28	7	6	3	5	7	3	6
1,000,000 and over	68	26	8	6	7	4	9		
Firms classified by legal entity:									
Sole proprietorship	336	224	12	68	7	8	11		
Partnership	56	32	3	16	—	2		7	25
Incorporated company	448	216	45	65	26	34	39		
Firms classified by type of contractor:									
Prime contractor	514	301	25	105	21	23	20	4	15
Prime sub-contractor	260	149	30	40	10	12	13	2	4
Sub-contractor	66	22	5	4	2	9	17	1	6
Firms classified by type of construction:									
Residential (single, duplex, triplex)	477	312	19	124	6	2	6	—	8
Residential (other)	69	47	8	8	1	3	1	—	1
Industrial	111	32	9	10	20	11	20	—	3
Commercial	67	21	3	4	3	20	9	1	6
Institutional	110	58	21	3	1	8	14	—	5
Other ²	6	2	—	—	2	—	—	—	2
Firms classified by type of work:									
New construction	484	271	40	68	25	28	34	5	13
Renovation	114	54	5	37	4	5	5	—	4
Repair and maintenance	242	147	15	44	4	11	11	2	8
Total man-hours of wage earning employees	27,315,835	11,900,374	3,194,651	2,169,978	2,410,304	1,601,249	4,344,887	639,400	1,054,992
Journeymen	21,441,657	8,628,104	2,930,840	1,693,284	1,876,609	1,234,050	3,796,227	458,500	824,043
Apprentices	5,874,178	3,272,270	263,811	476,694	533,695	367,199	548,660	180,900	230,949
Salaried employees	3,026	1,233	390	253	189	234	387	64	276
dollars									
Total capital and repair expenditures	6,147,000	2,423,000	540,000	503,000	785,000	348,000	1,178,000	130,000	240,000
Total capital expenditures:									
Construction	1,776,000	637,000	11,000	115,000	223,000	134,000	560,000	—	96,000
Machinery and equipment	3,066,000	1,274,000	428,000	237,000	385,000	151,000	421,000	64,000	106,000
Total repair expenditures:									
Construction	381,000	138,000	27,000	62,000	35,000	27,000	75,000	2,000	15,000
Machinery and equipment	924,000	374,000	74,000	89,000	142,000	36,000	122,000	64,000	23,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	2,268,767	1,428,510	101,808	506,405	42,956	44,566	88,438	13	13
Total gross salaries paid	23,541,116	9,940,622	3,243,012	1,842,462	1,437,933	1,955,673	2,782,682	13	13
Total gross wages paid	101,118,028	43,362,775	13,703,788	6,916,970	9,122,032	6,141,633	15,470,186	13	13
Cost of materials and supplies	171,286,958	83,198,862	16,889,910	13,569,223	11,344,382	11,935,032	22,277,739	13	13
Other indirect costs	25,610,349	12,663,885	2,593,617	2,103,665	1,622,802	1,689,334	2,834,784	13	13
Depreciation charges	3,399,288	1,522,091	602,175	318,076	319,953	207,259	311,167	13	13
Net profit before tax	21,427,188	10,236,002	2,008,051	1,314,730	1,731,515	1,465,021	2,658,157	13	13
Loss	1,232,006	842,005	86,093	69,200	30,937	144,000	59,571		
Total billings	406,442,579	194,033,096	46,220,873	30,565,519	28,770,278	26,731,710	53,809,116	8,150,692	18,161,295
Payments to sub-contractors	59,022,891	32,522,354	7,164,605	4,063,188	3,179,642	3,437,192	7,445,534	229,784	980,592
Total value of work by own labour force	347,419,688	161,510,742	39,056,268	26,502,331	25,590,636	23,294,518	46,363,582	7,920,908	17,180,703
Revenue (other than from construction operations) ³	6,235,977	2,950,247	492,041	2,081,106	14	60,253	14	7,151	645,179

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 — Continued

Item	Total	Plumbing	Wet heating	Dry heating	Process piping ⁴	Air conditioning and ventilation	Fabricated sheet metal ⁵	Automatic sprinkler systems	Other mechanical trades ⁶
Manitoba									
number									
Total firms	77	36	4	17	4	6			10
Firms classified by size:¹									
\$ 0-\$ 49,999	27	14	1	10	—	3			5
50,000- 99,999	15	6	1	3	2	3			
100,000- 249,999	10	6	—	3	2	3			3
250,000- 499,999	13	5	—	3	1	—			
500,000- 999,999	7	3	1	1	2	—			
1,000,000 and over	5	5	3	1	—	—			2
Firms classified by legal entity:									
Sole proprietorship	20	12	—	7	4	—			
Partnership	6	4	—	1	—	1			
Incorporated company	51	20	4	9	4	5			10
Firms classified by type of contractor:									
Prime contractor	41	23	—	12	2	2	11	11	2
Prime sub-contractor	25	13	4	4	2	2			
Sub-contractor	11	—	—	1	—	2			8
Firms classified by type of construction:									
Residential (single, duplex, triplex)	35	20	—	13	1	—			1
Residential (other)	9	7	—	1	—	1			
Industrial	9	1	—	1	3	3			1
Commercial	14	5	1	2	—	2			4
Institutional	10	3	3	—	—	—			4
Other ²	—	—	—	—	—	—			
Firms classified by type of work:									
New construction	48	24	1	8	3	3			9
Renovation	15	5	3	5	1	1			—
Repair and maintenance	14	7	—	4	—	2			1
Total man-hours of wage earning employees	1,535,684	613,380	248,000	219,721	203,600	99,857			151,126
Journeymen	1,079,400	336,366	243,000	189,380	141,200	43,608			125,846
Apprentices	456,284	277,014	5,000	30,341	62,400	56,249			25,280
Salaried employees	261	85	23	62	15	13			63
dollars									
Total capital and repair expenditures	257,000	73,000	15,000	41,000	74,000	14,000			40,000
<i>Total capital expenditures:</i>									
Construction	82,000	12,000	—	1,000	43,000	2,000			24,000
Machinery and equipment	114,000	48,000	13,000	20,000	20,000	2,000			11,000
<i>Total repair expenditures:</i>									
Construction	19,000	2,000	—	14,000	1,000	—			2,000
Machinery and equipment	42,000	11,000	2,000	6,000	10,000	10,000			3,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	91,893	46,326	—	39,301	—	—			6,266
Total gross salaries paid	1,759,361	620,926	171,192	439,651	155,900	110,727	11	11	260,965
Total gross wages paid	4,572,168	1,998,648	518,356	608,761	670,355	231,118			544,930
Cost of materials and supplies	12,136,978	5,128,434	1,784,015	1,978,598	1,646,800	572,804			1,026,327
Other indirect costs	1,613,867	594,202	107,424	381,365	143,375	128,220			259,281
Depreciation charges	197,804	120,269	14,128	26,944	16,547	8,338			11,578
Net profit before tax	1,397,626	558,745	(10,496)	202,402	105,316	53,330			429,409
Loss	108,958	28,164	—	—	—	21,874			12
Total billings	27,479,337	12,992,000	3,236,053	3,938,084	3,383,655	1,227,243			2,702,302
Payments to sub-contractors	5,818,598	3,952,614	651,434	261,062	645,362	144,580			163,546
Total value of work by own labour force	21,660,739	9,039,386	2,584,619	3,677,022	2,738,293	1,082,663			2,538,756
Revenue (other than from construction operations) ³	189,284	132,670	14	3,023	—	14			53,591

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 - Continued

Item	Total	Plumbing	Wet heating	Dry heating	Process piping*	Air conditioning and ventilation	Fabricated sheet metal ⁵	Automatic sprinkler systems	Other mechanical trades ⁶
Saskatchewan									
number									
Total firms	90	57	7	10		6		3	7
Firms classified by size:¹									
\$ 0-\$ 49,999	19	15	—	7		2		—	2
50,000- 99,999	23	15	—	3		—		3	3
100,000- 249,999	20	11	4	—		1		—	2
250,000- 499,999	14	t1	3	—		3		—	—
500,000- 999,999	6	5	—	—		—		—	—
1,000,000 and over	8	—	—	—		—		—	—
Firms classified by legal entity:									
Sole proprietorship	17	14	—	3		—		—	—
Partnership	2	2	—	—		—		—	—
Incorporated company	71	41	7	7		6		3	7
Firms classified by type of contractor:									
Prime contractor	51	36	3	8		1		2	1
Prime sub-contractor	30	17	4	2		4		—	3
Sub-contractor	9	4	—	—		1		1	3
Firms classified by type of construction:									
Residential (single, duplex, triplex)	40	31	—	7		1		—	1
Residential (other)	9	6	—	3		—		—	—
Industrial	13	6	2	—		—		3	2
Commercial	9	6	—	—		2		—	1
Institutional	19	8	5	—		3		—	3
Other ²	—	—	—	—		—		—	—
Firms classified by type of work:									
New construction	71	46	5	6		4		3	7
Renovation	7	4	1	2		—		—	—
Repair and maintenance	12	7	1	2		2		—	—
Total man-hours of wage earning employees	2,170,218	925,800	337,590	61,051		507,726		32,000	306,251
Journeymen	1,348,993	514,043	247,073	40,710		283,422		20,500	243,245
Apprentices	821,225	411,557	90,517	20,341		224,304		1t. 500	63,006
Salaried employees	261	130	33	11		43		1	43
dollars									
Total capital and repair expenditures	494,000	230,000	37,000	62,000		130,000		—	35,000
<i>Total capital expenditures:</i>									
Construction	146,000	71,000	16,000	26,000		32,000		—	1,000
Machinery and equipment	238,000	109,000	16,000	28,000		71,000		—	14,000
<i>Total repair expenditures:</i>									
Construction	23,000	16,000	—	2,000		4,000		—	1,000
Machinery and equipment	87,000	34,000	5,000	6,000		23,000		—	19,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	94,680	82,097	—	12,583		—		—	—
Total gross salaries paid	1,975,517	1,032,694	271,336	54,437		377,499		2,745	236,806
Total gross wages paid	7,361,000	2,968,705	1,404,679	167,539		1,560,338		96,027	1,163,712
Cost of materials and supplies	18,074,642	7,950,944	1,289,501	582,761		3,030,748		212,394	5,008,294
Other indirect costs	1,972,019	1,049,508	123,843	111,972		405,626		28,976	252,094
Depreciation charges	252,282	151,302	18,439	21,123		34,946		3,455	23,017
Net profit before tax	2,045,443	657,857	127,625	29,984		472,936		50,973	680,293
Loss	144,861	119,086	—	—		—		—	—
Total billings	34,557,207	15,099,087	3,525,938	989,716		6,787,266		403,170	7,752,030
Payments to sub-contractors	2,926,485	1,325,066	290,515	9,317		905,173		8,600	387,814
Total value of work by own labour force	31,630,722	13,774,021	3,235,423	980,399		5,882,093		394,570	7,364,216
Revenue (other than from construction operations) ³	586,700	521,469	—	22,468		—		—	42,763

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 — Continued

Item	Total	Plumbing	Wet heating	Dry heating	Process piping ⁴	Air conditioning and ventilation	Fabricated sheet metal ⁵	Automatic sprinkler systems	Other mechanical trades ⁶
Alberta number									
Total firms	159	96	14	19	4	11	8	3	4
Firms classified by size:¹									
\$ 0- \$ 49,999	48	33	1	10	1	—	3	—	1
50,000- 99,999	17	12	—	5	—	4	—	1	—
100,000- 249,999	31	22	3	—	—	—	—	—	—
250,000- 499,999	25	10	4	3	—	4	4	—	—
500,000- 999,999	15	8	—	—	3	4	1	2	3
1,000,000 and over	23	11	6	1	3	3	—	—	—
Firms classified by legal entity:									
Sole proprietorship	28	22	—	3	—	—	3	—	—
Partnership	2	1	—	1	—	—	—	—	—
Incorporated company	129	73	14	15	4	11	5	3	4
Firms classified by type of contractor:									
Prime contractor	74	46	3	14	3	3	3	2	—
Prime sub-contractor	68	44	11	4	1	5	2	—	1
Sub-contractor	17	6	—	1	—	3	3	1	3
Firms classified by type of construction:									
Residential (single, duplex, triplex)	69	49	1	16	—	1	2	—	—
Residential (other)	19	16	—	2	—	—	1	—	—
Industrial	13	4	2	—	3	2	—	2	—
Commercial	23	13	2	—	—	5	1	1	1
Institutional	34	13	9	1	1	3	4	—	3
Other ²	1	1	—	—	—	—	—	—	—
Firms classified by type of work:									
New construction	114	67	11	11	4	8	7	3	3
Renovation	14	7	1	5	—	1	—	—	—
Repair and maintenance	31	22	2	3	—	2	1	—	1
Total man-hours of wage earning employees	6,060,617	2,721,997	1,381,566	206,762	308,524	971,863	213,639	110,000	146,266
Journeymen	4,366,804	1,754,148	1,220,313	105,112	192,375	781,663	104,027	80,000	129,166
Apprentices	1,693,813	967,849	161,253	101,650	116,149	190,200	109,612	30,000	17,100
Salaried employees	681	290	161	36	40	72	27	24	31
dollars									
Total capital and repair expenditures	1,434,000	808,000	113,000	49,000	113,000	245,000	81,000	14,000	11,000
<i>Total capital expenditures:</i>									
Construction	252,000	125,000	—	2,000	17,000	108,000	—	—	—
Machinery and equipment	843,000	470,000	68,000	42,000	78,000	111,000	60,000	5,000	9,000
<i>Total repair expenditures:</i>									
Construction	103,000	90,000	3,000	1,000	1,000	6,000	1,000	—	1,000
Machinery and equipment	236,000	123,000	42,000	4,000	17,000	20,000	20,000	9,000	1,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	178,858	93,904	—	12	13	—	12	13	—
Total gross salaries paid	5,315,657	2,383,508	1,303,902	214,982	13	546,136	152,465	13	212,456
Total gross wages paid	20,918,145	8,661,187	6,238,048	435,205	13	2,985,168	632,344	13	559,392
Cost of materials and supplies	40,604,302	21,652,385	4,816,838	1,485,549	13	5,193,416	1,347,237	13	1,009,819
Other indirect costs	5,356,885	2,700,401	682,049	231,675	13	593,797	213,246	13	286,561
Depreciation charges	741,948	384,522	46,408	30,038	13	152,757	27,332	13	7,617
Nel profit before tax	6,106,298	3,354,177	563,074	171,631	13	1,013,119	149,159	13	552,657
Loss	304,800	169,840	43,733	—	—	—	—	—	—
Total billings	100,733,787	52,857,259	18,287,590	2,622,011	9,138,335	10,920,473	2,567,953	1,548,488	2,791,678
Payments to sub-contractors	21,816,494	13,797,015	4,681,004	52,931	2,602,886	436,080	46,170	37,232	163,176
Total value of work by own labour force	78,917,293	39,060,244	13,606,586	2,569,080	6,535,449	10,484,393	2,521,783	1,511,256	2,628,502
Revenue (other than from construction operations) ³	749,073	667,235	—	9,270	—	—	—	—	72,568

See footnote(s) on page 13.

TABLE 9. Summary of Statistics of Firms classified as Mechanical Contracting by Type of Trade by Province, 1967 — Concluded

Item	Total	Plumbing	Wet heating	Dry heating	Process piping*	Air conditioning and ventilation	Fabricated sheet metal ³	Automatic sprinkler systems	Other mechanical trades ⁶
British Columbia ¹¹									
number									
Total firms	210	111	19	32	13	13	7	5	10
Firms classified by size:¹									
\$ 0-\$ 49,999	52	34	4	10	2	1	3	2	3
50,000- 99,999	36	20	8	8	—	—	—	—	—
100,000- 249,999	57	32	3	10	4	6	3	1	3
250,000- 499,999	29	17	5	4	4	6	3	1	3
500,000- 999,999	22	5	3	—	3	6	1	2	4
1,000,000 and over	14	3	4	—	3	—	—	—	—
Firms classified by legal entity:									
Sole proprietorship	44	32	—	8	—	—	—	—	—
Partnership	4	3	—	—	—	—	—	—	—
Incorporated company	162	76	19	24	13	13	7	5	10
Firms classified by type of contractor:									
Prime contractor	112	63	9	25	5	1	4	2	3
Prime sub-contractor	80	45	10	4	7	9	1	—	4
Sub-contractor	18	3	—	3	1	3	2	3	3
Firms classified by type of construction:									
Residential (single, duplex, triplex)	107	70	4	28	1	1	2	—	1
Residential (other)	11	8	1	2	—	—	—	—	—
Industrial	34	7	6	—	10	1	3	3	4
Commercial	23	10	1	2	2	3	—	2	3
Institutional	35	16	7	—	—	8	2	—	2
Other ²	—	—	—	—	—	—	—	—	—
Firms classified by type of work:									
New construction	149	78	14	20	10	13	3	5	6
Renovation	24	12	1	8	1	—	1	—	1
Repair and maintenance	37	21	4	4	2	—	3	—	3
Total man-hours of wage earning employees	6,577,554	1,423,228	920,310	274,568	2,577,667	477,751	175,662	132,495	595,873
Journeymen	5,775,528	1,187,235	853,236	238,922	2,353,919	378,042	120,548	78,736	564,890
Apprentices	802,026	235,993	67,074	35,646	223,748	99,709	55,114	53,759	30,983
Salaried employees	582	189	94	48	118	46	13	17	57
dollars									
Total capital and repair expenditures	963,000	265,000	211,000	56,000	228,000	83,000	56,000	12,000	52,000
Total capital expenditures:									
Construction	160,000	46,000	52,000	15,000	2,000	9,000	36,000	—	—
Machinery and equipment	534,000	157,000	111,000	26,000	131,000	56,000	15,000	9,000	29,000
Total repair expenditures:									
Construction	48,000	20,000	13,000	5,000	—	5,000	2,000	1,000	2,000
Machinery and equipment	221,000	42,000	35,000	10,000	95,000	13,000	3,000	2,000	21,000
Selected operational characteristics:									
Earnings and withdrawals of owners and partners	294,377	12	—	52,136	—	—	12	—	13,924
Total gross salaries paid	4,469,365	1,226,026	828,142	337,472	1,069,023	398,492	103,346	140,870	365,994
Total gross wages paid	27,029,325	5,026,259	3,740,000	1,034,767	12,274,592	1,947,365	469,589	496,627	2,040,126
Cost of materials and supplies	39,738,193	12,509,864	5,758,413	2,281,456	9,244,421	2,899,247	534,714	862,081	5,647,997
Other indirect costs	4,749,317	1,766,221	622,988	404,666	753,728	350,201	167,862	132,463	551,188
Depreciation charges	604,632	207,549	74,538	45,696	165,150	51,490	21,491	7,690	31,028
Net profit before tax	5,395,428	1,495,114	521,407	224,964	1,857,904	334,711	183,371	138,938	571,614
Loss	596,954	265,811	—	35,421	—	—	—	—	—
Total billings	91,617,105	25,085,419	14,797,092	4,450,492	27,598,828	6,741,730	1,622,556	1,796,469	9,524,519
Payments to sub-contractors	9,933,422	3,120,197	3,251,604	104,756	2,234,010	760,224	142,183	17,800	302,648
Total value of work by own labour force	81,683,683	21,965,222	11,545,488	4,345,736	25,364,818	5,981,506	1,480,373	1,778,669	9,221,871
Revenue (other than from construction operations) ³	1,473,132	685,400	361,913	44,795	308,201	14	—	14	72,823

See footnote(s) on page 13.

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