

HOUSEHOLD EQUIPMENT

June, 1951

Heating Facilities

Introduction

In June 1951, the Dominion Bureau of Statistics carried out a special sample survey of heating facilities in private homes. The survey was made in conjunction with the quarterly labour force survey. Over 40,000 households chosen by area sampling methods in about 110 areas were visited.

The estimates are subject to sampling error. In general, the smaller the estimate, the larger is the relative sampling error. Estimates of less than 10,000 are replaced throughout the tables by asterisks to indicate that the sampling error associated with them is relatively large and that they should not be used without careful reservations.

Sample Design

The method of sampling used in the labour force survey is referred to as "area sampling". One essential feature of it is that a specified ratio of the households in a given area is enumerated. This is to be distinguished from sampling methods which depend on the availability of accurate and up-to-date information on the number of persons in an area or in a class. Since the area sampling method specifies the selection of a given proportion of the households in the area, the sample will provide current estimates of household characteristics.

Sampling is applied to all but a small proportion of the Canadian civilian noninstitutional population. Persons in the armed forces or living in institutions are excluded by design as are persons living on Indian reserves and in certain remote areas.

Definitions

The term "dwelling" as used at present in sample surveys conducted by the Dominion Bureau of Statistics is defined as follows:

"Structurally separate living premises with private entrance from outside the building or from a common hall or stairway inside constitute a "dwelling". The entrance must not be through anyone else's living quarters".

A "household" includes all the persons living in an occupied dwelling.

Before 1950, however, a "household" was defined as a group of persons who live together in the same living quarters and do their housekeeping in common and separately from any other person or group of persons. A "dwelling unit" was defined as the space which a household occupied. Under these definitions, it was possible to have two or more households or dwelling units in one set of structurally separate living premises.

These differences should be kept in mind when comparing data contained in this report with material published prior to 1950.

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Principal heating equipment, by kind of fuel, Canada

Equipment	Total	Coal or coke	Oil (1)	Wood	Gas	Other (2)
Total	3,459	1,515	807	891	194	52
Steam or hot water furnace	552	296	224	x	20	x
Hot air furnace	1,107	641	199	145	95	27
Cook stove or range	670	148	90	400	13	19
Heating stove	1,114	421	291	337	63	x
Other (3)	16	x	x	x	x	x

(1) Includes kerosene.

(2) Includes sawdust, electricity, and briquettes.

(3) Includes radiants, central heating, and fireplaces.

x Less than 10,000.

Supplementary heating equipment, by kind of fuel, Canada

Equipment	Total	Coal or coke	Oil (1)	Wood	Gas	Other (2)
Total	1,535	383	135	689	153	175
Fireplace	126	10	x	51	40	25
Cook stove or range	1,030	277	69	484	84	116
Heating stove	333	92	61	152	21	x
Portable heater	41	x	x	x	x	27
Other (3)	x	x	x	x	x	x

(1) Includes kerosene.

(2) Includes sawdust and briquettes.

(3) Includes radiants and hot water heaters.

x Less than 10,000.

Principal heating, by region

Detail	Canada	Nfld.	P.E.I. N.S. N.B.	Que.	Ont.	Man. Sask. Alta.	B.C.
<u>Equipment</u>							
Total	3,459	75	300	861	1,188	689	346
Steam or hot water furnace	552	x ³	39	173	238	62	37
Hot air furnace	1,107	x ¹	69	116	508	271	141
Cook stove or range	670	54	90	273	100	50	103
Heating stove	1,114	16	101	295	341	298	63
Other (1)	16	x	x	x	x	x	x
<u>Fuel</u>							
Total	3,459	75	300	861	1,188	689	346
Coal or coke	1,515	27	120	214	682	367	105
Oil (2)	807	x	43	291	291	86	87
Wood	891	38	135	350	152	109	107
Gas	194	x	x	x	62	127	x
Other (3)	52	x	x	x	x	x	45
<u>Equipment burning oil</u>							
Total	807	x	43	291	291	86	87
Furnace	423	x	22	108	206	36	48
Other	384	x	21	183	85	50	39
<u>Equipment burning coal or coke</u>							
Total	1,515	27	120	214	682	367	105
Furnace	937	x	62	115	491	195	71
Other	578	24	58	99	191	172	34

(1) Includes radiants, central heating, and fireplaces.

(2) Includes kerosene.

(3) Includes sawdust, electricity, and briquettes

x Less than 10,000

Supplementary heating, by region

Detail	Canada	Nfld.	P. E. I. N. S. N. B.	Que.	Ont.	Man. Sask. Alta.	B. C.
<u>Equipment</u>							
Total	1,535	26	188	316	360	442	203
Fireplace	126	x	x	x	27	52	38
Cook stove or range	1,030	x	134	192	228	353	116
Heating stove	333	17	45	109	90	28	44
Portable heater	41	x	x	12	14	x	x
Other (1)	x	x	x	x	x	x	x
<u>Fuel</u>							
Total	1,535	26	188	316	360	442	203
Coal or coke	383	11	57	23	108	152	32
Oil (2)	135	x	22	51	20	x	29
Wood	689	x	101	153	158	168	100
Gas	153	x	x	26	30	89	x
Other (3)	175	x	x	63	44	22	37
<u>Equipment burning oil</u>							
Total	135	x	22	51	20	x	29
Cook stove or range	69	x	18	20	x	x	20
Other	66	x	x	31	15	x	x
<u>Equipment burning oil or coke</u>							
Total	383	11	57	23	108	152	32
Cook stove or range	277	x	47	x	63	140	16
Other	106	x	10	16	45	12	16

- (1) Includes radiants and hot water heaters,
- (2) Includes kerosene.
- (3) Includes sawdust and briquettes.

x Less than 10,000

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