

The Daily

Statistics Canada

Monday, May 16, 1988

Major Release

National Balance Sheet Accounts, Preliminary 1987

- National wealth grew by 8.4%, the largest yearly increase for this aggregate in the economic expansion.

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Census Cartographic Boundary Files 1986

CARTLIB is a cartographic library of computer files designed for mapping. Each CARTLIB file includes geostatistical area boundaries and major hydrographic features. The boundaries are ideal for computer-assisted thematic mapping to support land use and demographic studies, or social, economic, and market research.

1986 CARTLIB files can be used with the 1986 Census of Population and Housing data distributed by the Electronic Data Dissemination Division. Some boundary sets are also available for 1981 and 1976 data. CARTLIB files are available on magnetic tape or diskette in a number of standard data formats suitable for mapping packages such as GIMMS, SAS/GRAPH and ARC/INFO.

Prices for standard format 1986 CARTLIB files are as follows: Federal Electoral Districts \$500; Census Divisions \$700; Census Subdivisions \$150 to \$1,440 per province and \$4,200 for Canada; and Census Consolidated Subdivisions \$150 to \$960 per province and \$2,800 for Canada.

Other data formats such as ATLAS GRAPHICS may be subject to a 30% surcharge for processing.

For further information on available formats, sample plots, and prices of individual CARTLIB files, contact Jean Chartrand (613-951-6980), Geocartographics Division.



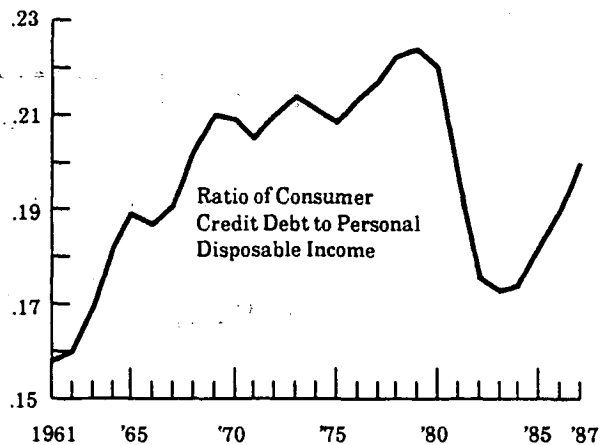
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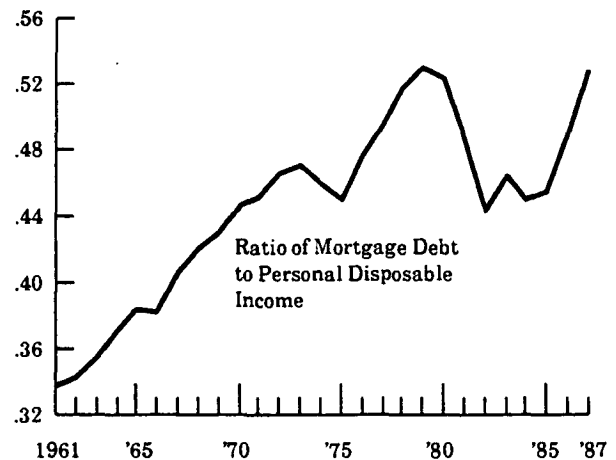
Canada

Major Release

**Relative Growth in Consumer Credit
in the Persons and Unincorporated
Business Sector**



**Relative Growth in Mortgage Credit
in the Persons and Unincorporated
Business Sector**



National Balance Sheet Accounts 1987

National wealth totalled \$2,163 billion in 1987, growing by 8.4% from 1986 – the largest yearly increase for this aggregate in the current economic expansion. Housing and consumer durables continued to register significant gains among the wealth components.

In the **household sector** (persons and unincorporated business), acquisitions of tangible assets were reflected in rising indebtedness. Consumer credit and mortgage debt advanced sharply. Total assets of this sector increased by 10.6% in 1987, with the rise in tangible assets larger than that of financial assets.

Debt of the **non-financial corporate sector** grew at a somewhat faster pace than in recent years, consistent with the firming of capital expenditure in 1987. Nonetheless, the debt to equity ratio for non-financial private corporations continued to improve, in line with corporate profit results for the year.

Note to Users

These accounts present balance sheets for the sectors in the economy, and for the nation as a whole. National wealth is the economy's tangible assets. For a discussion of the conceptual framework and methodology, please refer to *The National Balance Sheet Accounts, 1961-1985* (13-214).

Total liabilities of the **government sector** increased by 10.2% in 1987, compared to a 7.4% increase in the value of the sector's assets. The federal government's liabilities rose by 11.8% in 1986 and 1987, compared to an annual rate of approximately 20.0% during the 1982 to 1985 period. The growth in provincial governments' liabilities slowed to 6.3%, down sharply from 13.1% in 1986.

(continued on page 3)

The rest of the world sector's net worth indicates that Canada's net foreign liabilities were \$214 billion, an increase of 10.3%, down from 12.6% for 1986 and 13.1% for 1985; relative to national wealth, net foreign liabilities have been trending upward for the past six years. Non-resident sector assets (Canada's liabilities) rose by 6.5%, largely in direct investment and portfolio investment of Canadian stocks. Non-resident sector liabilities (Canada's assets) rose by 2.5%.

The proportion of the economy's financial assets held by financial institutions (the financial intermediation ratio) was little changed in 1987, and has remained at about the same level since 1980. Across the **financial institutions**, the (weighted) average annual increase in financial assets was 9.0% for 1987. The growth of mutual funds was considerably above this average at 34.3%. Sales finance and consumer loan companies' financial assets rose by 21.6%, principally through consumer credit and loans. Near-banks' financial assets rose by 9.0%, in line with strong mortgage demand; chartered banks saw their financial assets rise by only 3.3%, reflecting continued weak demand for loans.

Total assets on the **national balance sheet** amounted to \$4,736 billion at the end of 1987. The difference between financial assets and liabilities on the national balance sheet is Canada's net position with non-residents of \$214 billion. National net worth grew by 8.2%, reaching \$1,949 billion or 3.5 times gross domestic product; the increase in national wealth was to some extent offset by the rise in net foreign liabilities.

(see tables on pages 4 and 5)

Available on CANSIM: matrices 751-775 and 777-794.

For more detailed information on this release, contact Gerry Gravel, Patrick O'Hagan or Christian Lajule (613-951-9043), Financial Flow Accounts.

National Balance Sheet Accounts: Major Sectors Year-end 1987

	Persons and Un- incorp'd Business (1)	Non-fin- ancial Corpo- rations (2)	Finan- cial Insti- tutions (3)	Govern- ments (4)	Rest of the World (5)	Total all Sectors, sum of (1 to 5)	National Balance Sheet* sum of (1 to 4)
(billions of dollars)							
Total assets	1,770	1,307	1,111	548	425	5,162	4,736
Tangible assets	858	955	50	300	-	2,163	2,163
Residential structure	408	67	4	1	-	480	480
Non-residential structures	40	406	30	226	-	702	702
Machinery and equipment	29	268	8	19	-	324	324
Consumer durables	180	-	-	-	-	180	180
Inventories	19	91	-	-	-	110	110
Land	183	123	8	55	-	369	369
Financial assets	912	352	1,062	248	425	2,998	2,573
International reserves	-	-	1	9	-	11	11
Currency and deposits	297	45	54	15	69	480	411
Consumer credit	-	2	73	-	-	75	75
Trade receivables	-	96	4	2	8	111	103
Loans	-	8	164	18	21	212	191
Short-term paper	26	19	73	8	10	136	126
Mortgages	12	6	215	4	1	238	237
Bonds	80	3	165	71	146	465	319
Insurance and pensions	241	-	-	-	-	241	241
Claims	-	137	177	97	144	555	411
Shares	208	5	82	3	14	312	298
Foreign investments	2	1	22	-	-	25	25
Other financial assets	45	29	30	20	12	138	125
Liabilities net worth	1,770	1,307	1,111	548	425	5,162	4,736
Liabilities	305	923	1,095	464	211	2,998	2,787
International reserves	-	-	-	-	11	11	-
Currency and deposits	-	-	447	1	31	480	448
Consumer credit	75	-	-	-	-	75	75
Trade payables	6	85	1	7	11	111	100
Loans	31	115	24	13	29	212	182
Short-term paper	-	34	15	88	-	136	136
Mortgages	193	44	1	-	-	238	238
Bonds	1	126	33	305	-	465	465
Insurance and pensions	-	-	240	1	-	241	241
Claims	-	139	78	14	97	328	231
Shares	-	336	203	-	-	539	539
Foreign investments	-	-	-	-	25	25	-
Other liabilities	-	44	52	35	7	138	131
Net worth:	1,464	384	17	84	214	2,163	1,949

* The tangible assets on the National Balance Sheet are the National Wealth. The difference between financial assets and liabilities on the National Balance Sheet Accounts is net foreign assets/liabilities (the net worth of the Rest of the World sector with the sign reversed).

All data are in current dollars. Totals may not add due to rounding.

- Nil.

National Balance Sheet Accounts: Major Sectors

Year-end 1986

	Persons and Un- incorp'd Business	Non-fin- ancial Corpo- rations	Finan- cial Insti- tutions	Govern- ments	Rest of the World	Total all Sectors, sum of	National Balance Sheet (NBS)* sum of (1 to 4)
	(1)	(2)	(3)	(4)	(5)	(1 to 5)	(1 to 4)
(billions of dollars)							
Total assets	1,601	1,218	1,020	510	400	4,749	4,349
Tangible assets	769	898	46	282	-	1,996	1,996
Residential structures	356	60	3	1	-	421	421
Non-residential structures	37	384	28	212	-	661	661
Machinery and equipment	29	252	7	18	-	306	306
Consumer durables	162	-	-	-	-	162	162
Inventories	18	86	-	-	-	105	105
Land	167	116	8	51	-	341	341
Financial assets	832	319	974	229	400	2,753	2,353
International reserves	-	-	1	4	-	6	6
Currency and deposits	281	41	56	13	71	461	391
Consumer credit	-	2	63	-	-	66	66
Trade receivables	-	89	4	2	7	103	96
Loans	-	8	159	16	19	202	183
Short-term paper	20	12	72	8	8	121	113
Mortgages	12	6	185	4	1	207	206
Bonds	71	3	151	68	139	432	293
Insurance and pensions	217	-	-	-	-	217	217
Claims	-	128	162	89	134	512	378
Shares	195	4	73	4	8	284	276
Foreign investments	1	1	22	-	-	24	24
Other financial assets	33	25	25	20	14	118	104
Liabilities net worth	1,601	1,218	1,020	510	400	4,749	4,349
Liabilities	264	856	1,005	421	206	2,753	2,547
International reserves	-	-	-	-	6	6	-
Currency and deposits	-	-	421	1	39	462	423
Consumer credit	66	-	-	-	-	66	66
Trade payables	3	80	1	7	11	103	92
Loans	25	113	22	15	26	202	176
Short-term paper	-	27	12	82	-	121	121
Mortgages	168	38	1	-	-	207	207
Bonds	1	119	32	280	-	432	432
Insurance and pensions	-	-	216	1	-	217	217
Claims	-	130	71	8	95	304	209
Shares	-	307	185	-	-	492	492
Foreign investments	-	-	-	-	24	24	-
Other liabilities	-	42	44	27	5	118	113
Net worth:	1,337	362	15	89	194	1,996	1,802

* The National Balance Sheet is the sum of the balance sheets of the domestic sectors. The tangible assets on the NBS are the National Wealth. The difference between financial assets and liabilities on the NBS is net foreign assets/liabilities (which is also the net worth of the Rest of the World sector with the sign reversed).

All data are in current dollars. The figures may not balance, due to rounding.

- Nil.

Data Availability Announcements

The Book Publishing Industry 1986-87

Book publishers located in Canada reported the publication of 5,600 new titles and a 9% increase in sales revenues of titles published in Canada during 1986-87. Total sales by publishers, which include their own titles as well as those sold for foreign publishers, reached \$725.5 million, while exclusive agents posted \$135.0 million in book sales.

- Other data from the survey of book publishers and exclusive agents are available. *Book Publishing in Canada* (87-210, \$10), to be released in June, will contain details of the survey results. See "How to Order Publications".

For more detailed information on this release, contact Michel Frève (613-951-1563), Culture sub-division, Education, Culture and Tourism Division.

Railway Carloadings March 1988

Revenue freight loaded by railways in Canada totalled 22.1 million tonnes in March 1988, an increase of 4.3% from the previous year. The carriers received an additional 1.2 million tonnes from United States connections, unchanged from March 1987.

Total loadings in Canada for the year to date showed an increase of 3.2% from the 1987 period, while receipts from United States connections increased 2.9%.

Available on CANSIM: matrix 1431.

The March 1988 issue of *Railway Carloadings* (52-001, \$7.50/\$75) is to be released the first week of June. See "How to Order Publications".

For more detailed information on this release, and for seasonally adjusted revenue freight loadings, contact Angus MacLean (613-951-2484), Transportation Division.

Particleboard, Waferboard and Hardboard March 1988

Canadian firms produced 144 746 cubic metres of waferboard in March 1988, an increase of 4.5% from the 138 484 cubic metres produced a year earlier. Particleboard production totalled 113 634 cubic metres in March 1988, down 4.2% from 118 671^r (revised figure) cubic metres the previous year. Production of hardboard for March 1988 was 3 977 thousand square metres, basis 3.175 mm (42,807 thousand square feet, basis 1/8-inch). The production of hardboard for March 1987 is confidential.

Production of waferboard during the first three months of 1988 totalled 415 625 cubic metres, up 17.3% from the 354 202 cubic metres produced during the same period a year earlier. Particleboard production was 320 817 cubic metres, up 0.3% from the 319 896^r cubic metres in January to March 1987. Year-to-date production of hardboard reached 10 858 thousand square metres, basis 3.175mm (116,870 thousand square feet, basis-1/8 inch). The January to March production for 1987 is confidential.

Available on CANSIM: matrices 31 (series 2, 3 and 4) and 122 (series 8 and 34).

The March 1988 issue of *Particleboard, Waferboard and Hardboard* (36-003, \$4.50/\$45) is scheduled to be released the week of May 30. See "How to Order Publications".

For more detailed information on this release, contact Jacques Lepage (613-951-3516), Industry Division.

Construction Type Plywood

March 1988

Canadian firms produced 201 407 cubic metres (227,604,000 square feet, 3/8-inch basis) of construction type plywood during March 1988, an increase of 1.0% from the 199 356 cubic metres (225,286,000 square feet, 3/8-inch basis) produced during March 1987.

January to March 1988 production totalled 546 933 cubic metres (618,073,000 square feet, 3/8-inch basis), a decrease of 2.4% from the 560 617 cubic metres (633,537,000 square feet, 3/8-inch basis) produced during the same period in 1987.

Available on CANSIM: matrix 122 (level 1).

The March 1988 issue of *Construction Type Plywood* (35-001, \$4.50/\$45) is to be released the week of May 30. See "How to Order Publications".

For more detailed information on this release, contact Jock Dobie (604-666-2671), Pacific Regional Office, Sinclair Centre, 757 West Hastings Street, Vancouver, B.C. V6C 3C9.

Deliveries of Major Grains

March 1988

Producer deliveries of major grains by Prairie farmers during March 1988 were as follows (in thousand tonnes):

• Wheat (excluding durum)	1 157.0
• Durum wheat	271.2
• Total wheat	1 428.2
• Oats	68.6
• Barley	584.0
• Rye	26.6
• Flaxseed	38.4
• Canola (rapeseed)	282.4

Available on CANSIM: matrices 976-981.

The March 1988 issue of *Cereals and Oilseeds Review* (22-007, \$11.50/\$115) is scheduled for release in May. See "How to Order Publications".

For further detailed information on this release, contact Anthony Dupuis (613-951-3871), Agriculture Division.

Exports of Major Grains

February 1988

Export clearances of the major grains during February 1988 were as follows (in thousand tonnes):

• Total wheat	1 305.8
• Oats	9.1
• Barley	255.7
• Rye	16.4
• Flaxseed	15.4
• Canola (rapeseed)	134.6

Available on CANSIM: matrices 2650-2656.

The February 1988 issue of *Cereals and Oilseeds Review* (22-007, \$11.50/\$115) is scheduled for release in May. See "How to Order Publications".

For further detailed information on this release, contact A. Dupuis (613-951-3871), Agriculture Division.

Chemical and Mineral Process Plant Price Indexes

First Quarter 1988

The Chemical and Mineral Process Plant Price Indexes (1981=100) reached a preliminary level of 133.4 in the first quarter of 1988, up 1.3% from the revised fourth quarter level of 131.7.

The main contributor to this increase, the largest since the second quarter of 1983, was a 2.0% rise in the heavily-weighted machinery and equipment component. More moderate gains were recorded for buildings (0.4%), engineering, design and administration (0.6%). The field erection component posted a decrease of -0.2%, attributable to unchanged labour rates and a stronger Canadian dollar vis-à-vis the U.S. dollar for imported construction equipment.

Within the machinery and equipment component, larger than average increases were recorded for steel fabricated equipment (4.8%) and process instruments and controls (2.3%). Lesser increases were registered for piping, valves and fittings (1.8%), electric equipment (1.5%), pumps and compressors (1.3%), structural support, paint and insulation (0.9%), process machinery (0.3%) and other utilities equipment (0.1%). Substantial price increases for refined nickel and copper over the last year have accounted, in part, for some of these price increases.

Comparing the first quarter of 1988 with the same quarter of 1987, the total index rose 3.1%. Changes for the major components were: machinery and equipment (3.6%), field erection (2.0%), buildings (4.0%) and engineering, design and administration (2.2%).

Available on CANSIM: matrix 291.

The first quarter 1988 issue of *Construction Price Statistics* (62-007, \$16.50/\$66) will be available in June. See "How to Order Publications".

For more detailed information on this release, contact Gordon Flynn (613-951-2629), Capital Expenditures, Prices Division.

Chemical and Petrochemical Plant Price Indexes

First Quarter 1988

The Chemical and Petrochemical Plant Price Indexes (1981=100) reached a preliminary level of 132.8 in the first quarter of 1988, up 1.1% from the revised fourth quarter level of 131.4. This is the largest quarterly increase since the second quarter of 1985.

Helping to soften a rise in the machinery and equipment component (1.7%) were lesser increases for construction labour (0.2%), buildings (0.4%), and engineering, design and administration (0.6%); construction indirects were unchanged.

Within machinery and equipment, large price increases were registered for piping, valves and fittings (2.3%), process instruments and controls (2.3%), electric equipment (2.0%) and fabricated equipment (1.8%). Smaller increases were posted for structural support, paint and insulation (0.9%) and process machinery (0.8%). Large price increases for some primary metals accounted, in part, for these increases.

The increase in construction labour was attributable to increases in Edmonton (0.1%) and Sarnia (0.4%). Increases for indirect labour and temporary facilities were offset by a decrease for construction machinery and equipment, resulting in no change to the construction indirects component.

Comparing the first quarter of 1988 with the corresponding quarter of 1987, the total index climbed 3.3%. Changes for the major components were: machinery and equipment (3.5%), construction labour (3.2%), construction indirects (2.9%), buildings (4.0%) and engineering, design and administration (2.2%).

Available on CANSIM: matrix 294.

The first quarter 1988 issue of *Construction Price Statistics* (62-007, \$16.50/\$66) will be available in June. See "How to Order Publications".

For more detailed information on this release, contact Flynn (613-951-2629), Capital Expenditures, Prices Division.

Publications Released

Oils and Fats, January 1988.

Catalogue number 32-006

(Canada: \$4.50/\$45; Other Countries: \$5.50/\$55).

Specified Domestic Electrical Appliances, February 1988. Catalogue number 43-003

(Canada: \$4.50/\$45; Other Countries: \$5.50/\$55).

Production, Sales and Stocks of Major Appliances, March 1988.

Catalogue number 43-010

(Canada: \$4.50/\$45; Other Countries: \$5.50/\$55).

Chemical and Chemical Products Industries - Other Agricultural Chemical Industries, 1986 Census of Manufactures.

Catalogue number 46-250B 3729

(Canada: \$4; Other Countries: \$5).

Preliminary Statement of Canadian International Trade, March 1988.

Catalogue number 65-001P

(Canada: \$5.50/\$55; Other Countries: \$6.50/\$65).

Available May 17th at 7:00 a.m.

International Travel - Advance Information, March 1988.

Catalogue number 66-001P

(Canada: \$5.50/\$55; Other Countries: \$6.50/\$65).

Science Statistics Service Bulletin, Vol. 12, No. 3, International Trade in "R&D-intensive" Products, 1978-1987.

Catalogue number 88-001

(Canada: \$6.50/\$65; Other Countries: \$7.50/\$75).

How to Order Publications

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Please enclose cheque or money order payable to the Receiver General for Canada/Publications and provide full information on publications required (catalogue number, title, issue).

Publications may also be ordered through Statistics Canada's offices in St. John's, Halifax, Montreal, Ottawa, Sturgeon Falls, Toronto, Winnipeg, Regina, Edmonton, Calgary and Vancouver, or from authorized bookstore agents or other booksellers.

A national toll-free telephone order service is now in operation at Statistics Canada. The toll-free line (1-800-267-6677) can be used by Canadian customers for the ordering of Statistics Canada products and services.

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