

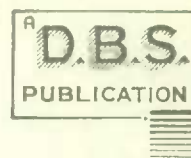
AUG 3 1 1949

C-2
LIBRARY FILE COPY
EXEMPLAIRE DE LA BIBLIOTHÈQUE

~~Mr. [unclear]~~
~~Mr. [unclear]~~

Government of Canada

MONTHLY REPORT
ON
INVENTORIES & SHIPMENTS
BY
MANUFACTURING INDUSTRIES
JUNE, 1949



DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE

MONTHLY REPORT
ON
INVENTORIES & SHIPMENTS
BY
MANUFACTURING INDUSTRIES
IN CANADA (EXCLUDING NEWFOUNDLAND)
JUNE, 1949

Published by Authority of the Rt. Hon. C. D. Howe,
Minister of Trade and Commerce

Prepared in the General Manufactures Section,
of the Industry and Merchandising Division,
Dominion Bureau of Statistics, Ottawa

This report continues the monthly series of indexes of the dollar value of manufacturing inventories and shipments, and of percentage changes in relationship of inventory to shipments in selected industries. The breakdown of material presented is as follows:

(1) Indexes of the estimated total value of inventory held in all industries, and in groupings of industries classified according to the economic use made of their products. The estimated totals are based on data collected from samples in industries holding approximately 92 p.c. of all manufacturing inventories. Indexes are based on the average 1947 values of inventory held in each case. June figures are preliminary only.

(2) Indexes of the value of shipments and inventories, broken down into raw materials, goods in process, and finished goods, for totals of reporting firms in individual industries. The base for these indexes is also the average 1947 value reported in each case. Data for individual industries include the index number for the current month, the previous month, and the same month a year ago. The trend in these industries for the entire period during which information has been collected, from December 1946, may be ascertained by reference to the December 1948 report.

(3) Tables showing the average 1947 relationship of value of inventory held at the end of the month to shipments made during the month in selected industries, and also the percentage change in the inventory-shipments relationships during the current month, the previous month and the same month a year ago. Monthly percentage changes since December, 1946 are included in the December 1948 report.

(4) Charts showing (a) the actual levels of values of shipments and inventories in all reporting firms, and in breakdowns of reporting firms by economic use groupings, and (b) relationships of value of inventory held at the end of the month to value of the month's shipments for the same groupings.

It must be emphasized that all the above tables and charts are based on values of inventories and shipments. Apart from the fact that knowledge of trends in the value of inventory holdings and shipments is useful in itself, it is also the only feasible approach in industries producing many types of goods, and it is the only method allowing totalling of industries or comparisons of different industries. Changes in value may, however, reflect changes in quantity or changes in price, or both, and differences in the indexes from month to month must be interpreted with this in mind. Factors which must be considered in any attempt to separate the two influences in value changes are discussed on page 10.

Preliminary reports indicate the following trends in inventory holdings at the end of June:

Total inventory value appears to have fallen slightly during June, the preliminary index standing at 130.3 percent of the average 1947 value, as against 131.9 (revised) at the end of May. This is 3% below the high reached in February, but 6% above the level of June, 1948. Of the main industry groupings, inventory values in the consumer goods industries dropped by 2.3 points during the month, bringing the index for this group to 127.0, which is 2.5% below the February and March high point, but 5.7% above last year's index. In the capital goods industries,

inventory values fell by 3.2 points in June to reach 109.7; the index is 20% below the high reached last November and 14% below June, 1948. Value of stocks in the producers' goods industries rose by 4.8 points in June to reach a new high for this group at 143.6, which is 18% above last year's level. Inventories in the construction goods industries appear to have fallen by 2 points from the May high point for this group to reach 169.9, 20% above June 1948 - figures for sawmills, the largest component of this group, are, however, not yet available.

Shipments levels of reporting firms (shown in chart form on pages 26 and 27) indicate that manufacturers' sales, which have risen more irregularly than inventory during the $2\frac{1}{2}$ year period for which figures are available still show a rising trend. June figures, 4.7% above the previous month, are at their highest level to date. The rate of increase has, however, been noticeably lower during 1949 than during the previous year while value of total shipments in June 1948 exceeded that of June 1947 by 39%, June 1949 shipments were only 5% above last years. The seasonal pattern apparent in total shipments is accounted for to a large extent by the movements in the consumer goods industries. In this group, the increase over May was 5.4%. As with total shipments, the increase of shipments from this group over the preceding year in June 1948 was 39%, while in June 1949 it was 5%. The June 1949 figures for this group did not exceed the peak last November, while June 1948 values did exceed the preceding fall high. Shipments values in the capital goods industries, which fluctuate more irregularly than any of the other groups, reached their highest point during the period under review in April of this year, and fell off to some extent in the two succeeding months. Here June shipments were 8.3% below 1948. Shipments in the producers' goods industries have also shown a decline from the high point reached in March, but June values were 15% above last years. Shipments of construction goods industries, where a definite seasonal pattern is apparent, appear to have reached a new high in June, 5 points above the level of June, 1948.

Inventory shipments ratios, in total and in all groups, have remained comparatively steady over the period under review, with no apparent trends in either direction.

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS
BY MANUFACTURING INDUSTRIES, JUNE, 1949

Section 1.

MONTHLY INDEXES OF ESTIMATED TOTAL VALUE OF INVENTORY,
BY ECONOMIC USE GROUPINGS OF INDUSTRIES,
JANUARY 1947 - JUNE 1949

The estimates in Table 1 have been based on two types of source materials. In most industries totals were estimated from data submitted by a sample of leading firms which report the value of their inventories and shipments monthly. Though the size of the sample varies to some extent from industry to industry, in most cases the firms reporting hold over half of all the inventories held in the industry and in a number of instances the sample includes more than 90 per cent of the total. In a smaller group of industries estimates have been based on information available on the physical volume of the chief types of stocks held in these industries. By use of data on prices and on the rate at which these stocks turn over, an estimate of the current value of these inventories has been made. Because no information is available on the accounting methods used by the firms in these industries the value of inventories shown for them cannot be expected to correspond exactly to their own book value but it does show the general trend of inventories in these industries and makes it possible to build up an overall picture for the manufacturing field.

The total in Table 1 has been presented in detail according to an economic use classification. In this classification goods have been grouped according to whether production consists primarily of consumer goods, capital goods, producers' materials or construction materials. This form of presentation corresponds to the type of use which is ultimately made of the goods produced by various industries. Because some industries produce goods which fall in more than one of these main groups the classification can only be approximate in nature and in allocating certain industries fairly arbitrary decisions had to be made. In time some further grouping of plants within industries should make it possible to improve the accuracy of this presentation.

Within the consumer goods group a further subdivision has been shown on the basis of whether the product is primarily of a perishable, a semi-durable, or a durable nature. This form of presentation has been widely used in recent years and corresponds to the form in which consumer expenditures, part of the country's gross national expenditure, is presented. This should be useful to all those who are interested in the general flow of goods from the primary producing stage to their ultimate destination.

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE 1949

Table 1. - Index Numbers for the Estimated Total Value of Inventories

(Estimates based on a sample of reporting firms and

(1947 Average = 100)

MONTH	TOTAL ALL INDUSTRIES	TOTAL CONSUMERS' GOODS	TOTAL CAPITAL GOODS	TOTAL PRODUCERS' MATERIAL	TOTAL CONSTRUCTION MATERIAL	NON-	
						TOTAL	FINISHED GOODS
<u>1947</u>							
1. Jan.	86.2	87.1	78.5	91.0	82.6	88.4	86.2
2. Feb.	87.9	89.0	81.2	88.2	89.3	89.6	87.0
3. Mar.	89.5	90.5	85.2	87.5	91.3	90.0	88.0
4. Apr.	92.6	94.0	90.4	87.9	92.5	92.7	91.4
5. May	94.8	97.1	92.8	90.3	86.8	96.0	96.5
6. June	98.6	100.2	98.1	94.6	92.7	98.8	100.3
7. July	101.7	101.9	102.2	99.0	103.2	100.2	103.2
8. Aug.	104.0	102.6	106.6	104.8	109.5	100.3	104.2
9. Sept.	106.5	104.1	112.1	109.1	113.2	102.1	105.7
10. Oct.	108.2	106.2	111.6	113.4	112.4	105.0	106.6
11. Nov.	112.9	110.5	119.2	116.6	116.0	112.6	112.4
12. Dec.	116.2	115.5	122.1	117.8	110.2	118.1	115.5
<u>1948</u>							
13. Jan.	118.7	118.7	124.5	115.3	114.6	123.9	120.7
14. Feb.	119.4	119.0	123.7	114.0	124.9	122.2	117.6
15. Mar.	120.7	118.9	132.9	112.7	130.4	121.2	116.7
16. Apr.	120.4	118.1	132.8	113.6	132.4	119.4	116.3
17. May	122.1	118.8	135.2	117.1	137.1	120.3	120.3
18. June	122.9	120.1	127.6	121.8	141.4	121.4	122.5
19. July	124.4	121.0	125.6	126.3	148.0	122.2	125.0
20. Aug.	126.5	120.1	136.6	132.6	153.6	121.0	124.2
21. Sept.	126.7	120.2	132.8	134.6	157.4	122.4	124.1
22. Oct.	127.1	121.6	130.8	138.6	146.6	127.8	127.5
23. Nov.	128.0	123.5	136.9	141.3	126.7	131.6	129.1
24. Dec.	130.0	126.8	119.2	141.7	155.3	135.2	131.3
<u>1949</u>							
25. Jan.	131.2	127.4	127.4	142.3	151.1	133.9	134.1
26. Feb.	133.5	130.3	128.8	137.6	161.4	136.1	136.3
27. Mar.	132.5	130.3	120.8	136.6	163.3	134.1	135.8
28. Apr.	131.2	129.6	111.9	137.0	165.2	133.0	134.5
29. May (Rev.)							
30. June (Preliminary)							

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE 1949

Table 1. - Index Numbers for the Estimated Total Value of Inventories held

(Estimates based on a sample of reporting firms and

(1947 Average = 100)

MONTH	CAPITAL GOODS						
	TOTAL	Transportation Equipment			All Other Capital		
		Total	Ship- building	Railway Rolling Stock	Air- craft	Total	Machinery
<u>1947</u>							
1. Jan.	78.5	69.3	59.5	85.0	82.7	88.3	88.5
2. Feb.	81.2	72.6	65.4	81.5	86.9	90.2	89.7
3. Mar.	85.2	77.0	70.7	84.3	89.8	94.0	92.8
4. Apr.	90.4	81.7	76.7	88.9	90.0	99.7	95.7
5. May	92.8	87.1	83.0	91.9	95.3	99.0	98.8
6. June	98.1	95.3	90.6	97.5	109.7	101.0	99.9
7. July	102.2	102.5	95.8	111.6	114.0	102.0	102.1
8. Aug.	106.6	111.0	108.8	116.8	110.4	101.9	105.2
9. Sept.	112.1	120.3	122.0	119.8	114.3	103.5	107.3
10. Oct.	111.6	117.9	133.0	91.0	101.1	104.9	108.2
11. Nov.	119.2	130.5	144.1	113.7	104.1	107.0	105.5
12. Dec.	122.1	135.0	150.6	117.9	101.2	108.3	106.1
<u>1948</u>							
13. Jan.	124.5	138.0	158.4	114.0	96.7	110.0	109.1
14. Feb.	123.7	131.1	146.0	114.6	99.0	115.7	114.2
15. Mar.	132.9	146.2	164.4	121.5	114.0	118.7	118.6
16. Apr.	132.8	146.3	172.6	117.3	90.0	118.3	118.2
17. May	135.2	152.6	177.6	126.1	97.4	116.6	116.7
18. June	127.6	138.0	149.3	135.1	99.4	116.4	119.7
19. July	125.6	135.3	143.0	142.8	94.6	115.2	122.9
20. Aug.	136.6	153.0	167.0	155.4	95.9	119.1	127.9
21. Sept.	132.8	145.4	155.7	150.5	98.1	119.3	128.7
22. Oct.	130.8	141.6	151.1	146.7	97.3	119.3	128.1
23. Nov.	136.9	151.0	159.3	163.9	99.3	122.0	128.8
24. Dec.	119.2	115.3	100.7	162.9	98.7	123.3	130.0
<u>1949</u>							
25. Jan.	127.4	123.9	117.1	152.9	106.0	131.1	133.1
26. Feb.	128.8	124.1	117.7	159.6	94.5	133.8	138.3
27. Mar.	120.8	110.2	91.8	168.1	92.6	132.1	137.6
28. Apr.	111.9	95.5	63.1	176.6	96.1	129.4	135.0
29. May (Rev.)							
30. June (Preliminary)							

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS
BY MANUFACTURING INDUSTRIES, JUNE 1949

Section 2

MONTHLY INDEXES OF INVENTORIES AND SHIPMENTS
OF REPORTING FIRMS, BY INDUSTRIES

Data available from the sample monthly survey of shipments and inventories of manufacturing industries are incorporated, insofar as inventories are concerned, into Table 1, but it has been thought advisable to show individual industries wherever possible. Since this is a sample survey, covering only selected firms in a special group of industries, the dollar values actually reported by the firms have been converted into index numbers representative of industries, or groups of industries, the base being the average 1947 values reported. The index presentation avoids the possibility that dollar value totals for firms might be mistaken for dollar value totals for industries. However, when considering the series presented hereinafter, in Table 2, it must be borne in mind that the divisions are industry divisions, and not commodities, i.e., the Wool Cloth Industry does not represent the shipments and inventories of Wool Cloth only, but all commodities involved in the activities of firms whose major product is Wool Cloth.

Also, it must be emphasized most particularly that the index numbers shown in this series are based on the dollar values of inventories held, not on actual physical quantities. Even apart from the fact that dollar values are required by economists interested in investment in inventory, it is obvious that the value approach is the only practical one, considering the wide range of commodities held by manufacturers in all stages from raw materials to finished products ready for sale. However, the value of commodities in stock is the result not only of raw material costs, but also of the cost of making them. Thus, if prices or labour costs rise the value of the goods held increases, even though the quantity may remain the same. Therefore, changes shown from month to month by the index numbers represent not only quantity changes but also the changes in the value of each item included. The only indication of the extent to which values of items have changed is the trend shown by the index of prices published in the "Canadian Statistical Review".

The Bureau is at present attempting to devise a means of deflating the inventory series in order that quantity changes may be reflected more accurately. For those interested in this problem, some of the factors which must be taken into consideration may be noted. While each industry has its own average turnover rate which can be estimated roughly, it is difficult to estimate a rate which can accurately be applied to raw materials, goods in process and finished goods. Moreover, all firms within a given industry do not value inventories on the same basis, the most common methods being lower of cost or market and standard cost. These considerations make it difficult to determine the length of time necessary before a change in wholesale prices will be reflected in inventory values. Added to this is the fact that the wholesale price index and the index of inventory values are compiled differently. The wholesale price index is computed from selling prices, and weighted according to quantities sold; while, as noted above, most firms report inventories at some variation of cost and the index is automatically weighted according to quantities held.

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry)

(1947 Average = 100)

Industry and Month	Value of Shipments	Value of Inventory			
		Total	Raw Materials	Goods in Process	Finished Products
<u>VEGETABLE PRODUCTS</u>					
<u>Biscuits, Confectionery, Cocoa and Chocolate Industry</u>					
June, 1948	125.0	130.1	118.0	139.0	176.3
May, 1949 (Revised)	141.3	136.0	109.4	169.5	236.5
June, 1949	140.4	138.3	108.5	170.6	254.0
<u>Miscellaneous Foods Industry</u>					
June, 1948	113.6	112.1	112.3	114.5	111.4
May, 1949 (Revised)	112.8	98.1	109.0	148.9	70.1
June, 1949	124.5	91.8	101.6	135.9	66.5
<u>Rubber Goods Industry</u>					
June, 1948	112.8	140.4	96.9	106.2	184.8
May, 1949	98.2	137.3	83.4	96.5	191.2
June, 1949	106.1	131.9	77.2	93.9	185.6
<u>TEXTILES AND TEXTILE PRODUCTS</u>					
<u>Cotton Yarn and Cloth Industry</u>					
June, 1948	128.8	113.0	114.1	113.9	107.7
May, 1949 (Revised)	128.9	115.6	89.1	129.3	185.3
June, 1949	117.9	116.4	85.6	133.3	195.7
<u>Woollen Cloth Industry</u>					
June, 1948	121.4	134.9	121.5	142.8	195.4
May, 1949	114.6	154.5	128.0	154.1	395.5
June, 1949	110.6	161.5	140.8	149.9	432.2
<u>Woollen Yarn Industry</u>					
June, 1948	122.1	135.4	110.3	160.4	202.4
May, 1949	79.0	185.2	121.1	223.4	379.6
June, 1949	93.2	186.2	114.5	227.0	407.4

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries - Cont'd.

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry)

(1947 Average = 100)

Industry and Month	Value of Shipments	Value of Inventory			
		Total	Raw Materials	Goods in Process	Finished Products
<u>TEXTILES AND TEXTILE PRODUCTS (Cont'd.)</u>					
<u>Miscellaneous Woollen Goods Industry</u>					
June, 1948	98.6	128.3	132.5	119.6	75.9
May, 1949	101.4	146.2	144.8	108.0	181.4
June, 1949	99.2	139.7	130.7	106.3	218.3
<u>Hosiery and Knitted Goods Industry</u>					
June, 1948	107.1	134.7	106.9	126.2	194.6
May, 1949 (Revised)	100.5	146.8	99.8	144.0	232.9
June, 1949	112.8	150.8	99.0	142.4	252.3
<u>Dyeing and Finishing of Textiles Industry</u>					
June, 1948	92.5	111.7	99.7	109.1	519.7
May, 1949	90.3	97.2	143.8	34.0	1333.3
June, 1949	81.6	108.3	170.4	30.2	1556.1
<u>Corsets and Foundation Garments</u>					
June, 1948	90.3	119.4	123.8	75.6	181.0
May, 1949	96.3	138.0	141.2	97.8	206.1
June, 1949	101.0	142.2	145.1	96.1	219.7
<u>Cordage, Rope and Twine Industry</u>					
June, 1948	137.0	189.8	162.9	99.7	206.6
May, 1949	184.5	170.0	138.9	105.0	187.5
June, 1949	182.3	154.9	133.4	103.5	167.3
<u>Cotton and Jute Bags Industry</u>					
June, 1948	85.0	154.0	152.0	88.3	174.1
May, 1949	54.7	117.2	111.4	48.5	206.5
June, 1949	60.5	114.2	108.9	38.1	198.2

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries, - Cont'd.

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry).

(1947 Average = 100)

Industry and Month	Value of Shipments	Value of Inventory			
		Total	Raw Materials	Goods in Process	Finished Products
<u>TEXTILES AND TEXTILE PRODUCTS (Concl'd.)</u>					
<u>Miscellaneous Textiles Industry</u>					
June, 1948	123.4	128.7	137.8	124.3	110.6
May, 1949	137.2	137.7	130.1	149.7	144.3
June, 1949	134.0	130.5	116.5	148.2	145.1
<u>Other Textiles Industries</u> (Includes the following Industries: Carpets, Mats and Rugs; Real and Artificial Silk; Gloves and Mittens, Fabric; Clothing, Men's Factory; Clothing, Women's Factory; Oiled and Waterproofed Clothing; Hats and Caps; Awnings, Tents and Sails; Narrow Fabrics)					
June, 1948	109.5	115.7	111.6	125.8	129.7
May, 1949 (Revised)	123.2	129.3	118.2	146.4	159.2
June, 1949	116.0	135.7	123.0	148.3	177.8
<u>WOOD AND PAPER PRODUCTS</u>					
<u>Planing Mills, Sash and Door Factories</u>					
June, 1948	134.4	121.3	111.9	96.5	286.0
May, 1949 (Revised)	156.2	146.3	142.1	148.0	199.2
June, 1949	165.1	139.9	136.4	132.0	189.9
<u>Furniture, Upholstering, Cabinet Making Industry</u>					
June, 1948	132.6	120.2	111.7	116.7	162.7
May, 1949	119.4	140.1	124.1	135.5	216.8
June, 1949	136.6	141.6	120.5	144.6	226.8

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries - Cont'd.

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry)

(1947 Average = 100)

Industry and Month	Value of Shipments	Value of Inventory			
		Total	Raw Materials	Goods in Process	Finished Products
<u>IRON AND ITS PRODUCTS</u>					
<u>Primary Iron and Steel Industry</u> (Includes Pig Iron; Steel Ingots and Castings; Rolled Iron and Steel Products; and Ferro-Alloys)					
June, 1948	131.3	126.4	133.3	118.8	111.7
May, 1949	142.2	158.0	150.6	194.5	148.3
June, 1949	141.5	172.0	169.2	195.8	159.3
<u>Iron Castings and Forgings Industry</u>					
June, 1948	128.4	127.6	138.1	115.2	127.7
May, 1949 (Revised)	159.7	171.7	179.3	116.0	175.8
June, 1949	151.1	177.8	184.4	121.1	182.6
<u>Boilers, Tanks and Plate Work Industry</u>					
June, 1948	123.9	104.5	118.2	87.0	141.2
May, 1949	112.9	123.0	116.5	97.5	222.6
June, 1949	127.0	126.7	119.1	103.7	219.1
<u>Agricultural Implements Industry</u>					
June, 1948	164.0	115.3	108.5	105.0	132.8
May, 1949	223.0	120.9	91.2	109.0	170.3
June, 1949	218.2	111.3	83.7	98.4	158.7
<u>Office, Household and Industrial Machinery Industry</u>					
June, 1948	123.8	119.7	120.3	120.9	116.6
May, 1949 (Revised)	141.1	138.7	140.3	125.6	156.0
June, 1949	143.2	133.4	138.7	114.4	156.5

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries, - Cont'd.

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry)

(1947 Average = 100)

Industry and Month	Value of Shipments	Value of Inventory			
		Total	Raw Materials	Goods in Process	Finished Products
<u>IRON AND ITS PRODUCTS (Cont'd.)</u>					
<u>Automobile Industry</u>					
June, 1948	110.2	120.9	134.6	106.8	133.0
May, 1949	138.7	125.9	102.4	121.9	136.1
June, 1949	148.4	122.7	108.8	112.5	137.5
<u>Automobile Supplies Industry</u>					
June, 1948	120.8	101.0	104.0	80.8	113.4
May, 1949	144.4	121.6	125.0	99.2	136.2
June, 1949	156.1	114.5	117.1	89.8	132.3
<u>Shipbuilding and Repairs Industry</u>					
June, 1948	413.2	129.3	105.4	161.0	-
May, 1949 (Revised)	118.3	61.6	99.7	51.8	-
June, 1949	57.2	61.2	84.1	55.3	-
<u>Aircraft and Aircraft Parts Industry</u>					
June, 1948	326.7	99.4	115.5	122.2	70.0
May, 1949	385.4	96.5	125.8	116.1	50.1
June, 1949	532.8	88.6	116.1	85.9	56.1
<u>Railway Rolling Stock and Equipment Industry</u>					
June, 1948	151.6	135.1	122.9	237.7	96.2
May, 1949	194.2	185.4	142.5	383.4	176.4
June, 1949	225.5	188.0	143.4	379.2	190.1

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries - Cont'd.

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry

(1947 Average = 100)

Industry and Month	Value of Shipments	Value of Inventory			
		Total	Raw Materials	Goods in Process	Finished Products
<u>IRON AND ITS PRODUCTS (Concl'd.)</u>					
<u>Wire and Wire Goods Industry</u>					
June, 1948	126.4	106.4	102.6	94.3	115.1
May, 1949	150.9	132.3	113.3	92.5	159.6
June, 1949	154.5	129.3	113.4	89.3	152.4
<u>Sheet Metal Products Industry</u>					
June, 1948	113.0	133.9	132.2	129.0	140.9
May, 1949 (Revised)	117.2	144.3	155.6	126.7	133.6
June, 1949	125.8	145.2	150.3	123.0	116.9
<u>Hardware, Tools and Cutlery Industry</u>					
June, 1948	128.7	114.6	118.4	109.0	116.7
May, 1949 (Revised)	120.4	133.3	132.5	128.1	141.6
June, 1949	133.8	129.9	126.9	126.8	139.5
<u>Bridge Building and Structural Steel Industry</u>					
June, 1948	182.2	138.0	121.8	142.5	-
May, 1949 (Revised)	132.8	133.2	168.7	123.9	-
June, 1949	147.3	141.7	167.7	134.8	-
<u>Iron and Steel Products Miscellaneous</u>					
(Includes the following Industries: Bicycles; Heating and Cooking Apparatus; and Iron and Steel Products Miscellaneous)					
June, 1948	108.1	127.0	109.0	114.4	170.3
May, 1949 (Revised)	128.6	140.8	124.1	145.4	166.7
June, 1949	137.2	143.5	124.2	148.0	174.7

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries, Cont'd.

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry)

(1947 Average = 100)

Industry and Month	Value of Shipments	Total	Value of Inventory		
			Raw Materials	Goods in Process	Finished Products
<u>MANUFACTURES OF NON-FERROUS METALS</u>					
<u>Brass and Copper Products Industry</u>					
June, 1948	111.4	113.2	111.7	102.6	137.2
May, 1949	115.6	124.2	107.6	141.1	167.7
June, 1949	88.6	120.3	102.2	135.5	172.0
<u>Jewellery and Silverware Industry</u>					
June, 1948	96.6	98.3	61.6	117.6	123.9
May, 1949 (Revised)	103.9	102.6	63.5	123.2	132.4
June, 1949	111.7	102.2	64.5	122.6	130.2
<u>Electrical Apparatus and Supplies Industry</u>					
June, 1948	121.0	121.4	104.1	116.8	151.5
May, 1949 (Revised)	118.0	116.3	106.4	104.2	156.3
June, 1949	129.6	116.6	105.4	101.9	163.6
<u>Non-Ferrous Metal Smelting and Refining Industry</u>					
June, 1948	108.4	120.0	126.7	110.2	116.6
May, 1949	132.3	138.6	146.7	108.7	161.7
June, 1949	127.4	143.4	153.7	105.9	172.5
<u>Others</u> (Includes the following industries: Aluminum Products; and White Metal Alloys)					
June, 1948	117.5	110.3	133.5	114.1	92.6
May, 1949 (Revised)	132.9	119.2	138.1	124.3	102.2
June, 1949	115.3	118.3	140.6	118.9	99.6

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries - Cont'd.

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry)

(1947 Average = 100)

Industry and Month	Value of Shipments	Value of Inventory			
		Total	Raw Materials	Goods in Process	Finished Products
<u>NON-METALLIC MINERAL PRODUCTS</u>					
<u>Asbestos Products</u>					
June, 1948	123.5	136.3	138.2	142.6	135.9
May, 1949	81.9	118.1	129.5	109.0	111.7
June, 1949	104.2	118.3	132.4	114.0	106.8
<u>Artificial Abrasives and Abrasive Products Industry</u>					
June, 1948	132.9	121.9	121.9	103.8	123.4
May, 1949	127.5	122.1	148.9	120.0	83.3
June, 1948	132.6	118.8	137.3	89.5	93.8
<u>Other Non-Metallic Mineral Products Industries</u> (Includes the following industries: Coke and its By-Products; Illuminating and Fuel Gas; Clay Products from Imported Clays; Plate, Cut and Ornamental Glass; Pressed and Blown Glass; and Miscellaneous Non-Metallic Mineral Products)					
June, 1948	130.3	98.7	89.7	233.8	148.3
May, 1949 (Revised)	114.7	139.1	128.0	54.8	238.9
June, 1949	131.3	156.7	148.3	49.4	242.5
<u>CHEMICALS AND ALLIED PRODUCTS</u>					
<u>Acids, Alkalies and Salts Industry</u>					
June, 1948	128.5	116.3	112.6	79.3	127.5
May, 1949	111.0	122.2	110.5	122.9	147.6
June, 1949	119.5	129.5	116.1	117.3	160.4

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries - Cont'd.

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry)

(1947 Average = 100)

Industry and Month	Value of Shipments	Value of Inventory			
		Total	Raw Materials	Goods in Process	Finished Products
<u>CHEMICALS AND ALLIED PRODUCTS (Concl'd.)</u>					
<u>Fertilizers Industry</u>					
June, 1948	78.9	55.6	61.7	47.9	55.2
May, 1949	334.5	48.7	59.5	36.0	41.9
June, 1949	76.7	55.6	65.5	53.9	34.4
<u>Medicinal and Pharmaceutical Preparations Industry</u>					
June, 1948	81.1	106.9	102.3	112.4	110.9
May, 1949	103.1	107.2	100.0	114.9	113.7
June, 1949	101.7	105.9	99.7	103.3	116.3
<u>Paints, Pigments and Varnishes Industry</u>					
June, 1948	140.3	151.8	130.5	133.7	180.4
May, 1949 (Revised)	144.4	153.8	119.3	136.4	202.2
June, 1949	151.4	146.7	114.6	130.5	191.3
<u>Soaps and Toilet Preparations Industry</u>					
June, 1948	116.5	127.2	112.1	129.7	160.4
May, 1949 (Revised)	116.1	153.0	127.6	120.4	221.3
June, 1949	115.7	123.1	102.6	98.4	177.5
<u>Miscellaneous Chemicals Industries</u> (Includes the following Industries: Compressed Gases; Adhesives; Plastics, Matches; Polishes and Dressings; and Miscellaneous Chemical Products)					
June, 1948	158.4	117.0	107.3	114.6	138.7
May, 1949 (Revised)	140.2	129.0	113.2	215.8	149.7
June, 1949	147.6	127.8	114.5	209.5	144.0

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 2. - Index of All Firms Reporting, by Industries - Concl'd.

(NOTE: The Indexes given below do not represent Total for the Industry, nor specific Commodities, but relate only to the value of total inventories and shipments of firms reporting in each Industry)

(1947 Average = 100)

Industry and Month	Value of Shipments	Value of Inventory			
		Total	Raw Materials	Goods in Process	Finished Products

MISCELLANEOUS INDUSTRIES

Miscellaneous (includes the following industries: Brooms, Brushes and Mops; Mattresses and Springs; Musical Instruments and Materials; Fountain Pens and Pencils, Automobile Accessories, Fabric; and Scientific and Professional Equipment)

June, 1948	103.0	103.6	102.0	92.0	121.4
May, 1949 (Revised)	106.1	99.6	95.0	90.0	124.4
June, 1949	108.7	98.1	92.2	92.7	120.8

(December, 1946 = 100)

FLOUR AND FEED

This industry was not included in the series during 1947, and average 1947 values are, therefore, not available. Indexes are based on December, 1946.

May, 1949	115.3	141.0	125.4	-	224.3
June, 1949	148.8	168.1	138.4	-	327.9

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS
BY MANUFACTURING INDUSTRIES, JUNE 1949

Section 3

PERCENTAGE CHANGES IN RATIOS BETWEEN INVENTORIES
AND SHIPMENTS (SALES) FOR SELECTED INDUSTRIES

The following tables show month to month percentage changes in the ratio of the value of inventories held at the end of each month to the month's shipments, for selected industries. Individual firms may find it useful to compare changes in their own inventory-shipment ratio from one month to the next with corresponding changes in the ratio for the industry of which they are a part. Such comparisons may indicate significant developments in the position of a firm in relation to the other firms in the industry. For example, a firm may find that its own ratio increased by, say 10 per cent from May to June while the industry as a whole showed a decline in ratio of, say, 20 per cent. Such a difference may be the result of a deliberate change in the inventory policy of the firm; or some of its competitors may have altered their inventory policy; or possibly the firm may have lost some ground to its competitors; or it may have experienced an unusually large increase in its production.

Month to month percentage changes for the current month, the previous month, and the same month a year ago, are shown for (a) the ratio of total inventories to total shipments and (b) the ratio of finished product inventories to total shipments. For example, the figures shown for May represent the percentage change in ratios from April to May, and the figures for June indicate the percentage change in ratios from May to June.

The method of calculation by which an individual firm may compare its month to month position with that of the industry as a whole is explained at the head of the tables that follow.

Actual ratios of inventories to shipments for various firms in an industry normally differ from one another due to technical and other factors peculiar to the individual firms. Accordingly, the actual ratios of inventories to shipments of a particular firm may normally differ from those of the industry as a whole. These normal differences in ratios are not as significant to an individual firm assessing its own position relative to its competitors as the percentage change in ratios from month to month. For this reason the changes in ratios rather than the actual ratios are shown here on a monthly basis. However, in order to provide an indication of the importance of inventories in relation to shipments as between industries, ~~the~~ average ratio for 1947 in each industry is also shown in the tables.

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 3. - Changes in Relationship of Value of Inventory
for Total of Reporting Firms

To check with the percentage change shown for its
of inventory dollars for each sales dollar in May
four inventory dollars for each sales dollar in May,
increase of two dollars, or a change of ± 50 p.c. In order
sales dollar, simply divide the sales for each month

Industry	Average 1947 Relationship		Percentage Change in Relationship from Previous Month					
			Total Inventory to Shipments			Finished Products to Shipments		
	Total In- ventory to Shipments	Finished Products to Shipments	June 1948 %	May 1949 %	June 1949 %	June 1948 %	May 1949 %	June 1949 %
			(Revised)	(Revised)	(Revised)	(Revised)	(Revised)	(Revised)
<u>Vegetable Products</u>								
Biscuits, Confectionery, Cocoa & Chocolate Ind.	2.59	0.41	- 1	- 3	+ 2	- 8	- 5	+ 8
Miscellaneous Food Ind..	3.17	0.73	-15	-12	-15	-12	- 7	-14
Rubber Goods Industry ..	2.63	1.27	- 6	- 6	-11	- 5	- 5	-10
<u>Textiles & Textile Products</u>								
Cotton Yarn & Cloth Ind.	2.42	0.40	+11	+ 6	+10	+16	+12	+15
Wollen Cloth Industry ..	3.19	0.14	- 1	+11	+ 8	- 4	+16	+13
Wollen Yarn Industry ...	3.33	0.36	+ 1	+46	-15	+11	+58	- 9
Miscellaneous Woollen Goods Industry	3.31	0.43	+19	+ 1	- 2	- 5	+17	+23
Hosiery and Knitted Goods Industry	3.42	0.91	+ 3	+ 9	- 9	+24	+10	- 4
Cordage, Rope & Twine Industry	5.97	0.40	-30	-60	- 8	-31	-61	-10
Cotton and Jute Bags Industry	1.90	0.33	-13	+ 8	-12	-19	+23	-13
Dyeing and Finishing of Textiles Industry	2.68	0.65	+19	-27	+23	+18	-19	+29
Corsets and Foundation Garments Industry	4.12	0.58	+ 9	+ 9	- 2	+10	+35	+ 2
<u>Wood & Paper Products</u>								
Planing Mills, Sash and Door Factories	2.26	0.15	- 7	-24	-10	+19	-17	-10

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Held at End of Month to Value of Month's Shipments
in selected Industries

industry in June, a firm can take the number and June, and compare them; i.e. if there were and six in June, then June would show an to arrive at the number of inventory dollars for each into the value of inventory held at the end of the month.

Industry	Average 1947		Percentage Change in Relationship from Previous Month					
	Relationship		Total Inventory Finished Products to Shipments			to Shipments		
	Total In- ventory to Shipments	Finished Products to Shipments	June 1948 %	May 1949 %	June 1949 %	June 1948 %	May 1949 %	June 1949 %
			(Revised)			(Revised)		
<u>Wood and Paper Products (Cont'd.)</u>								
<u>Furniture, Upholstering,</u>								
Cabinet Making Industry ..	3.17	0.46	-12	+ 8	-12	- 5	+11	- 9
<u>Iron and Its Products</u>								
<u>Primary Iron and Steel</u>								
Industry	2.26	0.45	+ 8	+18	+10	+13	+22	+ 8
<u>Iron Castings and</u>								
Forgings Industry	2.59	0.83	+12	- 6	+10	+11	- 4	+10
<u>Boilers, Tanks and</u>								
Plate Work Industry	3.65	0.50	+11	+4	- 8	+23	+ 9	+13
<u>Agricultural Implements</u>								
Industry	4.85	1.55	-19	- 6	- 6	-21	+ 1	- 5
<u>Machinery Industry</u>								
Automobile Industry	4.93	1.50	+ 2	+12	- 5	+ 6	+15	- 1
<u>Automobile Supplies</u>								
Industry	1.68	0.71	- 7	+ 4	-16	- 6	- 5	- 6
<u>Automobile Supplies</u>								
Industry	2.31	0.66	- 8	- 8	-13	- 9	- 6	-10
<u>Shipbuilding and Repairs</u>								
Industry	11.31	-	-75	+551	+105	-	-	-
<u>Aircraft and Parts Ind. ..</u>								
Industry	9.38	3.21	- 9	-27	-34	- 7	-42	-19
<u>Railway Rolling Stock and</u>								
Equipment Industry	3.51	0.68	+12	+17	-13	+13	+ 8	-7
<u>Wire & Wire Goods Ind. ...</u>								
Industry	2.09	0.77	+ 5	-11	- 5	+ 6	-11	- 7
<u>Sheet Metal Products</u>								
Industry	3.47	1.14	-18	- 9	- 6	-15	- 9	-19

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS BY MANUFACTURING INDUSTRIES, JUNE, 1949

Table 3. - Changes in Relationship of Value of Inventory Held at End of Month to Value of Month's Shipments, for Total of Reporting Firms in Selected Industries - (Concl'd.)

Industry	Average		Percentage Change in					
	1947		Relationship from Previous Month			Relationship from Previous Month		
	Relationship		Total Inventory			Finished Products		
	Total In-	Finished	June	May	June	June	May	June
	ventory to	Products to	1948	1949	1949	1948	1949	1949
	Shipments	Shipments	%	%	%	%	%	%
<u>Iron and Its Products (Concl'd.)</u>								
Hardware, Tools and Cutlery Industry	3.25	0.76	- 8	+11	-12	-8	+13	-11
Bridge Building and Structural Steel Ind. . .	8.34	-	-13	+ 9	- 4	-	-	-
<u>Non-Ferrous Metal Products</u>								
Brass and Copper Products Industry	1.59	0.25	- 1	+ 1	+26	+25	+25	+13
Jewellery and Silverware Industry	3.84	0.80	- 7	+ 4	- 7	+1	+ 2	- 9
Electrical Apparatus and Supplies Industry	3.74	0.87	- 4	+ 8	- 9	+1	+ 8	- 5
Non-Ferrous Metal Smel- ting and Refining Ind.	1.92	0.39	+21	+ 4	+ 7	+35	+ 2	+11
<u>Non-Metallic Mineral Products</u>								
Asbestos Products Ind. . .	2.20	0.78	- 7	-13	-21	-10	-17	-25
Abrasive Products Ind. . .	2.68	1.15	- 4	- 2	- 7	- 2	- 3	+ 8
<u>Chemicals and Allied Products</u>								
Acids, Alkalies and Salts Industry	1.81	0.47	-	+ 2	- 2	-11	+3	+1
Fertilizers Industry	2.86	0.68	+145	-64	+397	+101	-65	+259
Medicinal and Pharmaceuti- cal Preparations Ind. . .	3.99	1.57	+ 8	- 6	-	+24	- 2	+4
Paints, Pigments and Varnishes Industry	3.03	1.11	-11	-15	- 9	- 9	-17	-10
Soaps and Toilet Prepara- tions Industry	2.28	0.58	- 9	- 7	-19	- 1	- 7	-20

MONTHLY REPORT ON INVENTORIES AND SHIPMENTS
BY MANUFACTURING INDUSTRIES, JUNE, 1949

Section 4

CHARTS SHOWING TRENDS IN TOTAL VALUE OF INVENTORIES
AND SHIPMENTS AND RELATIONSHIPS OF INVENTORIES TO
SHIPMENTS, FOR REPORTING FIRMS.

Charts 1 to 4 show the actual levels of values of shipments and inventories of reporting firms in the survey since January 1947. The first shows total values for all reporting firms and the next three show the values reported by three of the four main economic use groupings of firms. (Capital goods industries, which are included in the total of all reporting firms, are not shown separately.) The values shown in the charts are not inflated to include unrepresented firms and industries, as are the values on which the indexes in Table 1 are based, since while it is possible to inflate inventory values because the size of the missing coverage is known, there is no adequate basis on which to inflate shipments. The charts do not, therefore, correspond to total inventory and shipments values for all industries. It is believed, however, that they will prove of interest as representing trends, since reporting firms account for approximately 60% of all gross value of production in Canada.

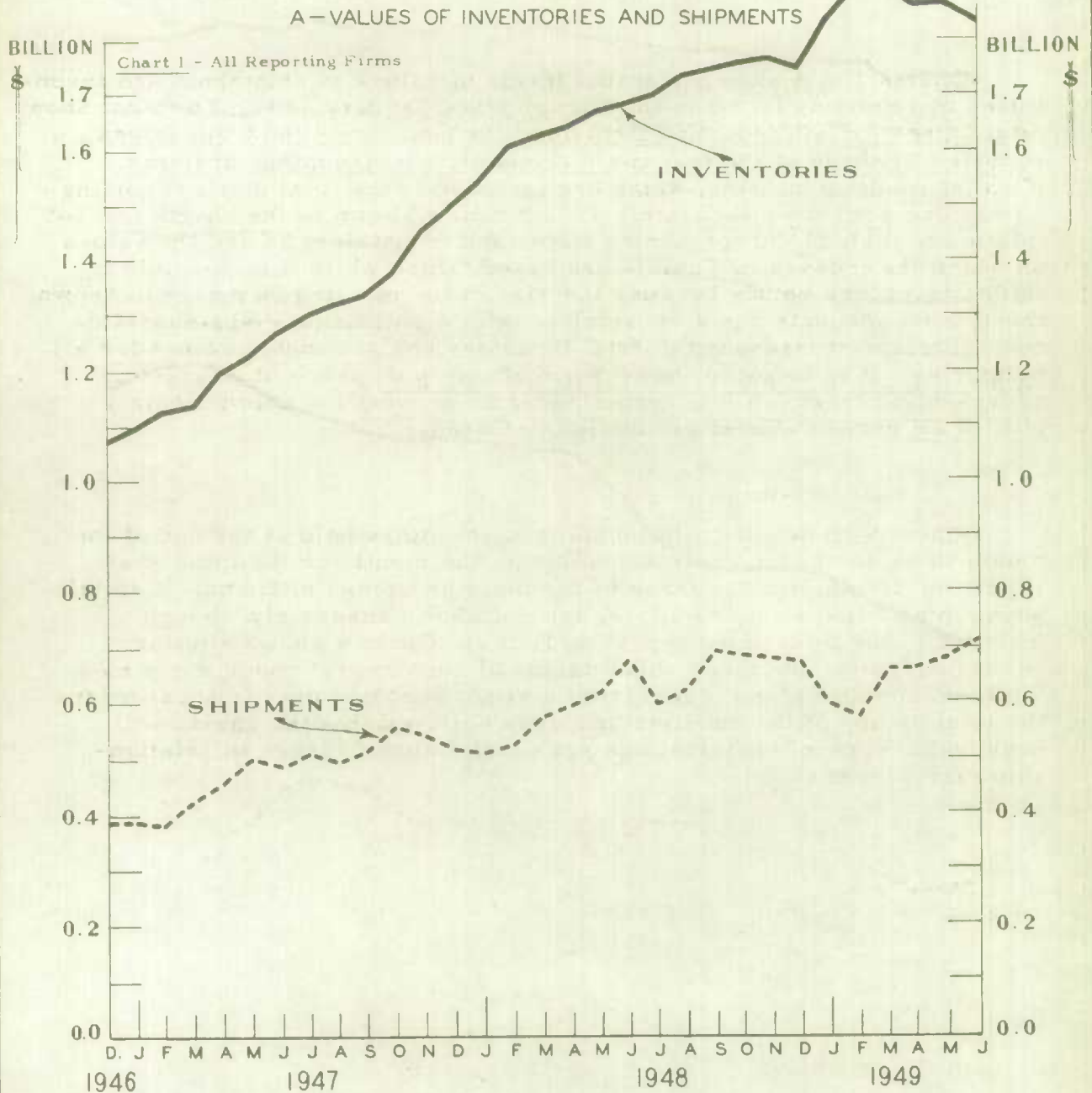
Chart 5 shows the relationships of inventory held at the end of the month to value of shipments made during the month for the total of all reporting firms, and for three of the main groupings of firms. (Capital goods industries, as noted above, are not shown separately, though included in the total of all reporting firms). Chart 6 shows similar relationships for the three subdivisions of consumers' goods industries. While no specific trend, apart from a slight seasonal one, is apparent in the total or any of the subdivisions, it is believed that the charts will provide background material against which future changes in relationship may be measured.

SECTION 5—TRENDS IN VALUES OF INVENTORIES AND SHIPMENTS OF REPORTING FIRMS ONLY

Reporting firms in the selected industries covered in this survey account for approximately 60 per cent of gross value of production in Canada. Values are based on a combination of actual values reported in the majority of industries with estimated values of physical quantities reported in the remaining industries.

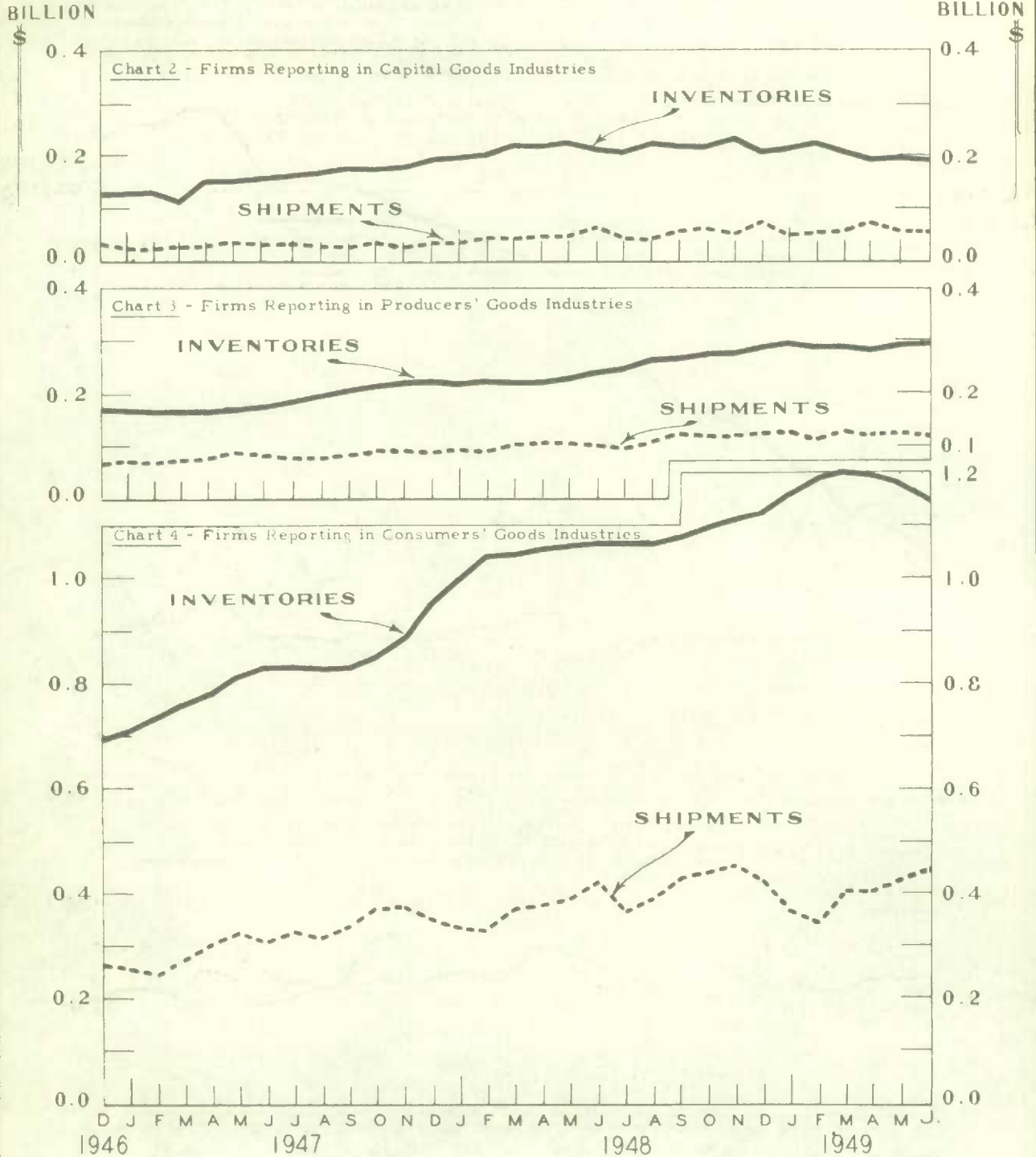
The values for "All Reporting Firms" in Charts 1 and 5 include estimates for firms in construction goods industries, which are not presented separately.

Inventories are valued at end of month; shipments are monthly totals.



SECTION 5—TRENDS IN VALUES OF INVENTORIES AND SHIPMENTS OF REPORTING FIRMS ONLY (CONTINUED)

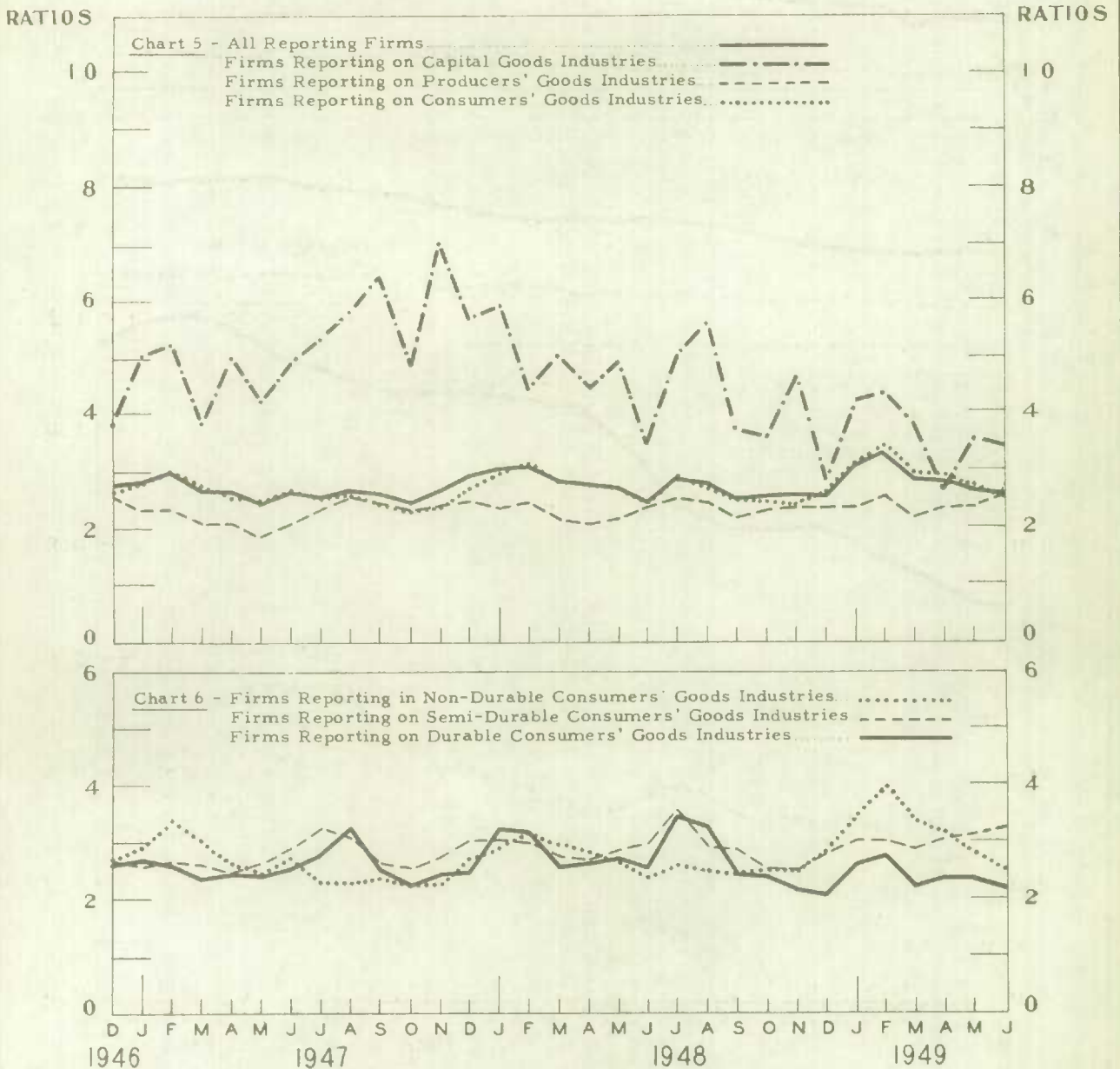
A—VALUES OF INVENTORIES AND SHIPMENTS (CONTINUED)



SECTION 5—TRENDS IN VALUES OF INVENTORIES AND SHIPMENTS OF REPORTING FIRMS ONLY

The charts below show the relationship of investment in inventories at end of month to shipments values for the corresponding month (i.e. the number of month's shipments on hand, in terms of value) for all reporting firms and for selected groupings of firms. This type of presentation reveals more accurately the variations between inventories and shipments shown in the preceding charts, (which show the actual levels at which fluctuations occur). Since no unusual variations in relationships are revealed in the period under review, the data is significant chiefly as background material with which possible future variations may be compared.

B—RELATIONSHIP OF INVENTORIES AND SHIPMENTS



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010692051