

# INVENTORIES, SHIPMENTS AND ORDERS 

IN MANUFACTURING INDUSTRIES

MAY, 1953

EDMOND CLOUTIER, C.M.G., O.A., D.S.P QUEEN'S PRINTER AND CONTROLLER OF STATIONERY OTTAWA, 1953


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Industry and Merchandising Division
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Ottawa

This report contains monthly data on the value of manufacturers' inventories, shipments and orders. The breakdown of material presented is as follows:
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## Trend Summary

Preliminary reports indicate the following trends in Manufacturers' inventories and shipments at the end of May 1953:

Total value of inventories held stood at $\$ 3893.9$ million, an increase of 1 per cent over the April level and nearly 6 per cent above the same month last year. In index terms, May was 208.0 per cent of the average 1947 value as compared with 206.1 per cent for April and 197.3 per cent for May last year. Included in the above values is inventory held but not owned by reporting manufacturers, which has been increasing steadily over the past year due to long-term defense contracts, and which amounted to $\$ 437.0$ million in May, an increase of 1 per cent for the month and a 63 per cent increase from May, 1952. Inventory actually owned by manufacturers stood at $\$ 3456.8$ million in May, approximately 1 per cent above April levels and also 1 per cent above May, 1952. The total shipments index for May was 197.8 or 4 per cent above April and 3.5 per cent above May last year. Cumulative shipments for the year were 5 per cent above the same period of 1952.

In the Consumers' Goods industries, total inventory held rose very slightly during April to $\$ 2061.8$ million. Inventory held but not owned included in this total remained at the same level as the previous month. The Non-Durable Consumers' Goods industries showed a decline in inventory for the fifth consecutive month, and in May were 7 per cent below December, 1952. The decline for the first 4 months was largely due to seasonal drops in the Food industries and in Flour Milling, while the May decline came largely from the Tobacco and the Pulp and Paper industries with drops of 7 and 3 per cent, respectively. Shipments were up 4 per cent over April values, the most noticeable increases coming from Flour Milling, Brewing and the Food industries group with respective increases of 14.15 and 4 per cent. In the SemiDurable Consumers' Goods industries inventory rose 2 per cent over the April level to two increases in the Leather Footwear and Clothing industries of 6 and 3 per cent, respectively. The index of shipments was down 7 per cent for the month due to declines of 16 and 14 per cent in the same industries. To some extent these shipments declines represent seasonal movements. In the Durable Consumers' Goods industries inventory values were up 1.5 per cent for May, with no large percentage changes in any industry. The index of shipments for the same sector declined 2 per cent during the month due largely to a 4 per cent drop in the Motor Vehicle industry although in the Batteries and Refrigerators and Other Appliances industries, shipments were up 18 and 7 per cent, respectively. The index of shipments for the entire Consumers' Goods group remained at the April level of 173.9 , and cumulative 1953 shipments were 2.4 per cent above the same months of 1952.

In the Capital Goods industries, total inventory held stood at $\$ 835.0$ million, an increase of 1.3 per cent above the April level. Inventory held but not owned rose by $\$ 3$ million, the smallest increase, in this sector for the past 18 months, to reach $\$ 379.7$ million. Shipments for the group were down very slightly but cumulative shipments were 23 per cent above the same period last year. It should be remembered that the definition of shipments now used includes all transfers of ownership, i.e., progress payments received, and are therefore greater than physical shipments by the change in the progress payments account (inventory held but not owned).

In the Producers' Goods industries total inventory values were $\$ 675.6$ million at the end of May, an increase of 1 per cent over April values. Inventory held but not owned, which is very small in these industries, remained at $\$ 3.5$ million. The increase in inventory ownership was general for almost all industries of this group with the exception of the Fertilizers' industry which had a seasonal drop of 32 per cent. Total shipments for the group were up 3.4 per cent due to increases in the Fertilizers, Acids, Alkalies and Salts, and Non-Ferrous Metals industries of 16,6 and 5 per cent, respectively. Cumulative shipments for the first five months of 1953 were unchanged in comparison with the same period of 1952 .

In the Construction Goods industries seasonal increases brought the total inventory holdings for the group to $\$ 321.5 \mathrm{million}$, an increase of nearly 5 per cent over April figures and 6 per cent above May last year. This increase is due almost entirely to the estimate for sawmills where a seasonal rise is indicated. The total shipments index went up 40 per cent for May, also largely due to the Sawmills estimate; shipments in the Fabricated and Structural Steel industry decreased by 14 per cent. Cumulative shipments for the group were 10 per cent above last year's levels.

Table 1 - TOTAL INV ANTORY HELD IN ALL MANUFACTURING INDUSTRI $A S$

Table 1(a) Estimated Value of Total Manufacturing Inventory Held, whether owned or not, in all manufacturing industries and in the major economic-use groupings of industries, sub-divided into raw materials, goods in process and finished products, and with the value of inventory held but not owned (i.e. paid for under progress pagments arrangements) included in the total shown also as a separate item. Estimates are based on reports from a sample of firms or, in some industries, on the estimated value of physical stocks. For further description, see page 34.

## (A) ALI INDUSTRIES

|  | Total <br> Inventory | Raw <br> Materials | Goods in <br> Process | Pinished <br> Products | Progress <br> Payments |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  |  | (In Millions of Dollars) |  |  |  |

[^0]Table 1- (cont'd) TOTAL IiV AIIGRY HiND IN ALI LHNUFACITRING INDUSTRIES

Table 1(a) (cont'd) istimated Value of Total Manufacturing Inventory Held, whether owned or not, in all manufacturine industries and in the major economic-use groupings of industries, sub-divided into raw materials, goods in process and finished products, and with the value of inventory held but not onned (i.e. paid for under progress payments arrangements) included in the total shown also as a separate item. Estimates are based on reports from a sample of firms or, in some industries, on the estimated value of physical stocks. For further description, see page 34.

> (B) COisuluadis' cocons InDustry is
$\left.\begin{array}{lccccc}\hline & \begin{array}{c}\text { Total } \\ \text { Inventory }\end{array} & \begin{array}{c}\text { Raw } \\ \text { Materials }\end{array} & \begin{array}{c}\text { Goods in } \\ \text { Process }\end{array} & \begin{array}{c}\text { Pinished } \\ \text { Products }\end{array} & \begin{array}{c}\text { Prosress } \\ \text { Payments }\end{array} \\ \hline & & \text { (In Lillions of Dollars) }\end{array}\right]$
(n.a.) - Not available.


Table $1(a)$ (cont'd) Bstimated Value of Total Manufacturing Inventory Held, whether owned or not, in all manufacturing industries and in the major economic-use groupings of industries, sub-divided into raw materials, goods in process and inished products, and with the value of inventory held but not owned (i.e. paid for under progress payments arrangements) included in the total shown also as a separate itea. sstimates are besed on reports from a semple of firms or, in some industries, on the estimated value of physical stocks. For further description, see page 34.
(C) CAPITAL GOODS INDUSTRIRS

|  | Total Inventory | Raw <br> Materials | Goods in Process | Finished Products | Progress <br> Peyments |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | (In Millions of Dollars) |  |  |  |  |
| 1951 - Dec. | 593.8 | 196.6 | 248.3 | 148.9 | 166.6 |
| 1952 - Jan. | 600.9 | 192.7 | 254.7 | 153.5 | 180.6 |
| Feb. | 634.0 | 212.3 | 266.4 | 155.3 | 190.7 |
| Mar. | 656.0 | 217.4 | 281.7 | 156.9 | 206.4 |
| Apr. | 667.1 | 218.5 | 289.3 | 159.3 | 218.9 |
| May | 681.0 | 227.4 | 293.6 | 160.0 | 228.8 |
| June | 680.7 | 221.9 | 301.4 | 157.4 | 239.7 |
| July | 674.9 | 226.1 | 295.5 | 153.3 | 244.8 |
| Aug. | 680.1 | 236.8 | 302.3 | 141.0 | 257.0 |
| Sept. | 695.0 | 249.0 | 313.8 | 132.2 | 273.1 |
| Oct. | 716.4 | 242.6 | 332.3 | 141.5 | 289.2 |
| Nov. | 726.5 | 240.3 | 340.5 | 145.7 | 303.3 |
| Dec. | 784.0 | 257.8 | 380.8 | 145.4 | 331.7 |
| 1953 - Jan. | 799.5 | 249.2 | 401.9 | 148.4 | 342.9 |
| Peb. | 799.4 | 247.4 | 404.3 | 147.7 | 347.2 |
| Mar. | 815.3 | 24.4 .6 | 418.5 | 152.2 | 363.3 |
| Apr. | 824.1 | 243.2 | 430.3 | 150.6 | 376.5 |
| May | 835.0 |  | ( n .8.$)$ |  | 379.7 |

(n.a.) - Not Available.

Table 1- (cont'd) TOTAL INVRNIORY HETD IN ALL MANUPACTURING INDUSTRIES

Table 1 (a) (cont'd) Kstimated Value of Total Manufacturing Inventory Held, whether owned or not, in all manufacturing industries and in the major economic-use groupings of industries, sub-divided into raw materials, goods in process and innished products, and with the value of inventory held but not owned (i.e. peld for under progress payments arrangements) included in the total shown also as a seperate item. Stimater are based on reports from a sample of firms or, in some industries, on the estimated value of physical stocks. For further description, seo page 34.
(D) FRODUCERS' GOODS INDUSTRIES

|  | Total Inventory | Raw <br> Materials | Goods in Process | Finished Products | Progre Payment |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | (In Millions of Dollars) |  |  |  |  |
| 1951 - Dec. | 667.7 | 366.8 | 120.3 | 180.6 | 1.2 |
| 1952 - Jan. | 674.9 | 361.5 | 124.6 | 188.8 | 1.0 |
| Feb. | 676.5 | 353.3 | 124.9 | 198.3 | 1.0 |
| Mar. | 676.6 | 343.3 | 125.3 | 208.0 | 1.0 |
| Apr. | 679.4 | 341.5 | 126.0 | 211.9 | 1.1 |
| May | 680.2 | 344.2 | 125.2 | 210.8 | 1.2 |
| June | 695.9 | 356.1 | 127.0 | 212.8 | 1.2 |
| July | 698.6 | 365.9 | 127.9 | 204.8 | 1.4 |
| Aug. | 709.2 | 375.6 | 132.0 | 201.6 | 1.8 |
| Sept. | 699.8 | 375.0 | 129.0 | 195.8 | 1.8 |
| Oct. | 699.8 | 379.4 | 131.0 | 189.4 | 1.8 |
| Nov. | 703.9 | 382.1 | 131.8 | 190.0 | 2.0 |
| Dec. | 694.5 | 382.1 | 131.0 | 181.4 | 2.4 |
| 1953 - Jan. | 683.2 | 367.2 | 138.8 | 177.2 | 2.7 |
| Feb. | 682.0 | 355.9 | 140.7 | 185.4 | 2.7 |
| Mar. | 674.7 | 344.0 | 137.8 | 192.9 | 3.1 |
| Apr. | 669.4 | 338.3 | 140.2 | 190.9 | 3.5 |
| May | 675.6 |  | (n.a.) |  | 3.5 |

(n.a.) - Not available.

Table 1- (cont'd) TOTAL INVENTORY Hish IN ALI l:ANUFACTURIVG INDUSTRI AS

Table $1(a)$ (concl'd) Estimated Value of Total Manufacturing Inventory Held, whether owned or not, in all manufacturing industries and in the major economic-use groupings of industries, sub-divided into raw meterials, goods in process and finished products, and with the value of inventory held but not owned (i.e. paid for under progress payments arrangements) included in the total shown also as a separate item. Lstimates are based on reports from a sample of firms or, in some industries, on the estimated value of physical stocks. For further description, see page 34.

## (8) CONSTRUCTION GOODS INDUSTRIES

|  | Total Inventory | $\stackrel{\text { Raw }}{\text { Materials }}$ | Goods in <br> Process | Finished Products | Progress <br> Payments |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | ( In Millions of Dollars) |  |  |  |  |
| 1951 - Dec. | 277.6 | 180.2 | 40.8 | 56.6 | 16.6 |
| 1952 - Jan. | 282.0 | 184.0 | 41.9 | 56.1 | 18.0 |
| Feb. | 302.4 | 195.3 | 47.3 | 59.8 | 25.7 |
| Mar. | 314.6 | 201.0 | 50.9 | 62.7 | 31.6 |
| Apr. | 297.2 | 188.2 | 48.4 | 60.6 | 31.4 |
| May | 305.6 | 196.0 | 47.2 | 62.4 | 31.4 |
| June | 303.6 | 191.0 | 51.1 | 61.5 | 34.4 |
| July | 308.3 | 193.9 | 51.5 | 62.9 | 36.1 |
| Aug. | 311.2 | 191.1 | 58.8 | 61.3 | 46.7 |
| Sept. | 298.7 | 186.6 | 52.2 | 59.9 | 40.0 |
| Oct. | 289.0 | 175.9 | 54.5 | 58.6 | 45.0 |
| Not. | 271.2 | 159.7 | 56.3 | 55.2 | 44.9 |
| Dec. | 279.5 | 179.1 | 44.4 | 56.0 | 31.4 |
| 1953 - Jan. | 284.0 | 179.2 |  |  |  |
| Feb. | 300.8 | 187.6 | 48.9 | 64.3 | 37.0 |
| Mar. | 318.3 | 198.1 | 49.1 | 71.1 | 34.5 |
| Apr. | 306.8 | 191.6 | 48.5 | 66.7 | 31.1 |
| May | 321.5 |  | ( n. a. ) |  | 32.0 |

(n.a.) - Not available.

Table 1 - (concl'd) TOTAL INVINTORY HGLD IN ALL LANUFACTURING INDUSTRI AS

Table 1(b) - Index Numbers of Kstimated Value of Total Manufacturing Inventory Eeld. Whether owned or not, in all manufacturing industries and in the major economic-use groupings of industries. Sstimates are besed on the same sources as in Table 1(a).

$$
(1947 \text { Average }=100)
$$

|  | Total All <br> Industries | Consumers ${ }^{\circ}$ Goods | Capital Goods | Producers Goods | Construction Goods |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1951 - Dec. | 198.7 | 191.7 | 222.9 | 191.6 | 231.5 |
| 1952 - J8. | 198.7 | 190.2 | 225.5 | 193.6 | 235.2 |
| Feb. | 199.1 | 186.0 | 238.0 | 194.1 | 252.2 |
| Mar. | 200.5 | 185.2 | 246.2 | 194.1 | 262.3 |
| Apr. | 196.7 | 179.3 | 250.4 | 194.9 | 247.9 |
| May | 197.3 | 178.2 | 225.6 | 195.1 | 254.9 |
| June | 197.1 | 176.7 | 255.5 | 199.6 | 253.2 |
| July | 197.0 | 176.5 | 253.3 | 200.4 | 257.1 |
| Aug. | 198.1 | 176.6 | 255.3 | 203.5 | 259.5 |
| Sept. | 198.5 | 177.8 | 260.9 | 200.8 | 249.0 |
| Oct. | 198.4 | 176.6 | 268.9 | 200.8 | 241.0 |
| Nov. | 198.8 | 177.6 | 272.7 | 202.0 | 226.1 |
| Dec. | 204.7 | 182.4 | 294.3 | 199.2 | 233.1 |
| 1953 - Jan. | 205.3 | 182.7 | 300.0 | 196.0 | 236.9 |
| Feb. | 206.4 | 183.1 | 300.1 | 195.7 | 250.9 |
| Mar. | 207.5 | 182.5 | 306.0 | 193.6 | 265.5 |
| Apr. | 206.1 | 181.0 | 309.3 | 192.0 | 255.9 |
| May | 208.0 | 181.4 | 313.4 | 193.8 | 268.1 |

Table 2 - INDEX NMBEFS OF VALUE OF TUTAL INVENTORY

Inventory represents estimated value of and shipments represent all transfers of Table 1 (a). For list of industries in-
$(1947$ Average $=100)$

| Month | Total All <br> Industries |  | Total Consumers ${ }^{1}$ Goods |  | Non-Durable Consumers' Goods |  | Semi-Durable Consumers' Goods |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. |
| 1. 1951 - Dec. | 188.7 | 157.5 | 191.5 | 146.6 | 193.3 | 159.8 | 183.1 | 106.3 |
| 2. 1952 - Jan. | 187.9 | 167.6 | 189.9 | 156.7 | 193.2 | 168.3 | 176.2 | 125.7 |
| 3. Feb. | 187.2 | 167.3 | 185.5 | 154.9 | 186.6 | 156.5 | 174.2 | 140.8 |
| 4. Mar. | 187.3 | 174.2 | 184.6 | 158.5 | 186.8 | 154.4 | 169.3 | 154.4 |
| 5. Apr. | 182.9 | 176.8 | 178.7 | 166.1 | 181.7 | 164.9 | 163.7 | 143.9 |
| 6. May | 182.9 | 190.9 | 177.6 | 173.2 | 182.2 | 181.5 | 161.4 | 133.1 |
| 7. June | 182.1 | 184.3 | 176.3 | 163.4 | 180.4 | 168.3 | 160.6 | 123.1 |
| 8. July | 181.6 | 174.1 | 175.9 | 158.2 | 182.7 | 171.1 | 158.6 | 113.7 |
| 9. Aug. | 181.4 | 170.6 | 175.9 | 152.2 | 185.1 | 161.4 | 154.1 | 130.7 |
| 10. Sept. | 181.3 | 185.4 | 177.0 | 170.2 | 190.8 | 166.3 | 148.0 | 155.2 |
| 11. Oct. | 179.9 | 193.4 | 175.8 | 182.0 | 188.7 | 179.6 | 149.3 | 164.5 |
| 12. Nov. | 179.5 | 175.9 | 176.7 | 167.5 | 192.2 | 171.8 | 146.2 | 145.6 |
| 13. Dec. | 184.3 | 176.0 | 180.9 | 161.5 | 194.1 | 169.8 | 151.1 | 126.6 |
| 14. 1953 - Jan. | 184.0 | 167.3 | 181.1 | 152.9 | 192.5 | 152.0 | 152.1 | 131.6 |
| 15. Feb. | 184.7 | 170.7 | 181.4 | 154.2 | 190.4 | 145.3 | 154.5 | 138.6 |
| 16. Mar. | 184.8 | 191.9 | 180.5 | 174.1 | 186.0 | 156.7 | 157.2 | 163.5 |
| 17. Apr. | 183.0 | 190.0 | 179.1 | 173.9 | 182.6 | 164.2 | 158.7 | 145.1 |
| 18. May | 184.7 | 197.8 | 179.4 | 173.9 | 180.9 | 169.8 | 161.7 | 134.9 |

INVESTMENT AND SHIPMENTS IN SEIECTED INDUSTRI GROUPS
manufacturers' total ownership of manufacturing inventory, ownership. Estimates are based on the same sources as in cluded in each group, see December 1952 report, page 50.
(1947 Average $=100$ )

| Durable Consumers' Goods |  | Total Capital Goods |  | Total Producers ' Goods |  | Total <br> Construction Goods |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Invt. | Ship. | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. |  |
| 200.5 | 135.6 | 160.4 | 227.4 | 191.1 | 171.1 | 217.7 | 144.1 | 1. |
| 203.8 | 162.6 | 157.8 | 213.8 | 193.4 | 176.9 | 220.2 | 186.4 | 2. |
| 202.7 | 173.2 | 166.4 | 209.0 | 193.8 | 181.8 | 230.7 | 189.1 | 3. |
| 204.9 | 183.0 | 168.8 | 231.9 | 193.8 | 181.9 | 236.0 | 225.0 | 4. |
| 195.8 | 210.5 | 168.2 | 254.9 | 194.6 | 179.0 | 221.7 | 182.8 | 5. |
| 191.3 | 209.0 | 169.7 | 267.1 | 194.8 | 191.4 | 228.7 | 259.2 | 6. |
| 190.8 | 214.0 | 165.5 | 261.1 | 199.3 | 184.9 | 224.5 | 277. 3 | 7. |
| 184.1 | 182.2 | 161.4 | 249.1 | 200.0 | 169.3 | 227.0 | 241.9 | 8. |
| 183.6 | 151.2 | 158.8 | 220.8 | 203.0 | 162.0 | 220.6 | 292.6 | 9. |
| 182.4 | 213.5 | 159.0 | 228.0 | 200.3 | 183.2 | 215.7 | 271.6 | 10. |
| 179.1 | 223.4 | 160.3 | 245.5 | 200.3 | 185.9 | 203.5 | 253.7 | 11. |
| 178.6 | 188.0 | 158.8 | 239.3 | 201.4 | 174.4 | 188.7 | 186.9 | 12. |
| 189.5 | 188.4 | 169.8 | 307.8 | 198.5 | 174.2 | 206.9 | 170.5 | 13. |
| 194.8 | 194.7 | 171.4 | 252.9 | 195.2 | 176.6 | 207.1 | 176.8 | 14. |
| 199.2 | 219.4 | 169.7 | 272.9 | 194.9 | 163.6 | 220.0 | 223.9 | 15. |
| 204.4 | 267.2 | 169.6 | 291.4 | 192.7 | 188.1 | 236.7 | 248.8 | 16. |
| 204.2 | 266.1 | 168.0 | 314.6 | 191.0 | 187.9 | 229.9 | 204.9 | 17. |
| 207.0 | 260.6 | 170.9 | 313.7 | 192.8 | 194.3 | 241.4 | 287.3 | 18. |

Table 2 (Cont'd) - INDEX NUMBERS OF VALUE OF TOTAL

Inventory represents estimated value of and shipments represent all transfers of Table 1 (a). For list of industries in-

$$
\text { (1947 Average }=100 \text { ) }
$$

| Month | Foods |  | Tobacco and Beverages |  | Drugs |  | Petroleum Products |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. |
| 1. 1951 - Dec. | 173.0 | 132.7 | 142.4 | 251.4 | 122.3 | 84.0 | 349.4 | 301.4 |
| 2. 1952 - Jan. | 172.7 | 153.4 | 155.1 | 228.5 | 121.9 | 126.2 | 331.0 | 300.0 |
| $3 . \mathrm{Feb}$. | 154.9 | 134.3 | 164.5 | 226.9 | 125.0 | 129.8 | 319.4 | 269.8 |
| 4. Niar. | 152.4 | 130.2 | 169.5 | 207.7 | 121.6 | 134.5 | 311.0 | 269.6 |
| 5. Apr. | 147.6 | 145.6 | 165.1 | 276.1 | 117.8 | 120.9 | 313.0 | 281.0 |
| 6. May | 152.1 | 166.6 | 163.1 | 283.4 | 118.1 | 130.2 | 309.7 | 346.2 |
| 7. June | 148.3 | 150.0 | 160.6 | 278.2 | 119.4 | 114.4 | 318.8 | 314.1 |
| 8. July | 157.4 | 152.3 | 154.4 | 278.9 | 118.3 | 111.5 | 324.9 | 329.0 |
| 9. Aug. | 159.4 | 135.4 | 153.2 | 252.2 | 114.8 | 135.0 | 335.2 | 325.5 |
| 10. Sept. | 169.0 | 143.3 | 150.3 | 240.5 | 111.5 | 160.2 | 346.8 | 333.1 |
| 11. Oct. | 164.9 | 160.7 | 146.9 | 238.2 | 111.0 | 144.5 | 344.7 | 357.2 |
| 12. Nov. | 165.9 | 156.7 | 146.5 | 225.4 | 112.3 | 121.2 | 376.9 | 296.8 |
| 13. Dec. | 167.4 | 154.5 | 150.2 | 284.8 | 116.8 | 114.4 | 358.0 | 323.6 |
| 14. 1953 - Jan. | 159.7 | 125.8 | 159.4 | 292.3 | 118.1 | 142.2 | 350.8 | 300.0 |
| 15. Feb. | 155.3 | 126.4 | 166.4 | 204.8 | 118.8 | 136.3 | 343.6 | 275.2 |
| 16. Mar. | 150.9 | 126.7 | 170.3 | 250.6 | 119.2 | 142.2 | 333.4 | 294.2 |
| 17. Apr. | 145.8 | 141.5 | 170.3 | 244.3 | 120.5 | 132.8 | 348.1 | 284.8 |
| 18. May | 146.8 | 147.6 | 164.7 | 250.8 | 121.7 | 120.4 | 352.2 | 321.8 |

manufacturers' total ownership of manufacturing inventory, ownership. Estimates are based on the same sources as in cluded in each group, see December 1952 report, page 50.
(1947 Average $=100$ )

| GOODS |  |  |  | SEMI-DURABLE CONSUMERS' GOODS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pulp <br> Papor | and <br> M111s | Flour | 111 s |  |  | Clo |  |  |
| Invt. | Ship. | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. |  |
| 267.8 | 155.8 | 218.8 | 128.3 | 218.5 | 138.8 | 156.3 | 89.0 | 1. |
| 262.8 | 147.2 | 205.5 | 142.5 | 210.1 | 148.1 | 142.4 | 97.9 | 2. |
| 256.9 | 151.3 | 181.7 | 122.8 | 207.1 | 167.1 | 154.2 | 131.0 | 3. |
| 261.7 | 149.7 | 187.2 | 139.9 | 207.1 | 172.0 | 150.0 | 156.4 | 4. |
| 255.4 | 14.4 | 163.0 | 134.9 | 205.7 | 165.1 | 145.5 | 148.2 | 5. |
| 259.5 | 142.7 | 147.3 | 145.9 | 201.0 | 172.4 | 141.7 | 127.1 | 6. |
| 261.4 | 134.3 | 131.6 | 148.3 | 197.2 | 171.5 | 144.4 | 111.7 | 7. |
| 264.6 | 138.7 | 134.7 | 143.6 | 192.9 | 156.9 | 144.1 | 100.4 | 8. |
| 269.3 | 141.4 | 143.4 | 123.9 | 179.4 | 159.0 | 147.5 | 127.6 | 9. |
| 277.1 | 140.4 | 162.0 | 134.4 | 171.9 | 191.7 | 133.5 | 161.6 | 10. |
| 275.8 | 148.5 | 164.5 | 151.5 | 171.7 | 177.5 | 139.5 | 183.4 | 11. |
| 272.6 | 150.1 | 191.3 | 140.8 | 176.6 | 155.6 | 122.9 | 145.8 | 12. |
| 272.5 | 137.2 | 228.3 | 124.1 | 186.1 | 154.3 | 131.1 | 120.8 | 13. |
| 267.7 | 140.8 | 227.2 | 113.4 | 185.0 | 138.3 | 132.2 | 115.0 | 14. |
| 258.4 | 132.6 | 213.8 | 112.9 | 191.7 | 158.7 | 135.8 | 131.6 | 15. |
| 251.2 | 143.6 | 167.8 | 140.4 | 195.8 | 177.1 | 140.6 | 170.2 | 16. |
| 234.9 | 154.6 | 160.9 | 125.6 | 194.7 | 179.9 | 140.9 | 137.3 | 17. |
| 227.5 | 148.8 | 164.6 | 144.7 | 192.9 | 183.5 | 145.4 | 117.8 | 18. |

Table 2 (Cont'd) - INDEX NUMBERS OF VALUE OF TOTAL

Inventory represents estimated value of and shipments represent all transfers of Table 1 (a). For list of industries in-

$$
\text { (1947 Average }=100 \text { ) }
$$

| Month | SEMI-DURABLE CONSUMERS' |  |  |  |  | 1 (Concl'd) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Leather <br> Footwear |  | Fextiles |  | Leather <br> Tanneries |  |
|  | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. |
| 1. 1951 - Dec. | 195.1 | 70.8 | 213.6 | 124.0 | 139.7 | 62.4 |
| 2. 1952 - Jan. | 202.9 | 143.1 | 211.7 | 153.5 | 124.9 | 72.5 |
| 3. Feb. | 194.1 | 154.4 | 195.2 | 149.7 | 119.4 | 70.0 |
| 4. Mar. | 177.9 | 161.0 | 190.9 | 160.1 | 106.5 | 66.3 |
| 5. Apr. | 165.9 | 152.8 | 182.7 | 141.8 | 104.0 | 60.8 |
| 6. May | 160.1 | 139.0 | 183.0 | 137.1 | 107.4 | 65.9 |
| 7. June | 162.3 | 116.1 | 179.6 | 123.6 | 103.0 | 68.1 |
| 8. July | 161.6 | 108.9 | 176.3 | 118.3 | 102.0 | 56.2 |
| 9. Aug. | 150.5 | 158.2 | 172.7 | 126.9 | 102.1 | 64.9 |
| 10. Sept. | 143.1 | 151.4 | 168.2 | 148.8 | 101.2 | 74.7 |
| 11. Oct. | 143.0 | 144.9 | 167.6 | 158.8 | 101.3 | 76.1 |
| 12. Nov. | 144.8 | 116.6 | 174.6 | 158.4 | 99.4 | 78.6 |
| 13. Dec. | 159.9 | 85.7 | 175.0 | 138.0 | 92.7 | 80.2 |
| 14. 1953 - Jan. | 165.1 | 127.2 | 176.1 | 159.8 | 93.3 | 65.9 |
| 15. Fob. | 165.5 | 132.5 | 176.2 | 150.5 | 92.8 | 69.8 |
| 16. Mar. | 155.8 | 188.2 | 178.7 | 159.3 | 92.7 | 76.2 |
| 17. Apr. | 145.4 | 159.8 | 184.7 | 147.2 | 92.2 | 67.5 |
| 18. May | 154.2 | 134.6 | 187.8 | 140.4 | 93.1 | 75.1 |

manufacturers' total ownership of manufacturing inventory, ownerahip. Estimates are based on the same sources as in cluded in each group, see December 1952 report, page 50.

$$
\text { (1947 Average }=100 \text { ) }
$$

DURABLE CONSUMERS' GOODS

| Motor Vehicles |  | Electrical Apparatus |  | Furniture |  | Motor Vehicle Parts |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Invt. | Ship. | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. |  |
| 209.6 | 132.3 | 202.1 | 156.5 | 173.8 | 103.1 | 197.1 | 245.0 | 1. |
| 207.2 | 188.7 | 200.4 | 164.8 | 178.1 | 109.0 | 210.8 | 290.6 | 2. |
| 210.0 | 191.4 | 199.6 | 171.8 | 171.7 | 112.7 | 211.8 | 312.2 | 3. |
| 217.3 | 203.7 | 198.1 | 187.3 | 174.4 | 121.6 | 207.8 | 315.5 | 4. |
| 204.3 | 264.1 | 191.3 | 180.6 | 166.3 | 110.9 | 198.7 | 332.4 | 5. |
| 197.4 | 244.8 | 191.3 | 191.8 | 162.5 | 113.7 | 190.6 | 339.1 | 6. |
| 201.7 | 240.5 | 187.7 | 194.9 | 158.1 | 124.0 | 185.7 | 352.7 | 7. |
| 189.9 | 199.5 | 181.9 | 173.4 | 153.0 | 109.4 | 183.2 | 302.3 | 8. |
| 193.9 | 144.2 | 181.6 | 176.7 | 152.7 | 127.2 | 189.1 | 195.9 | 9. |
| 188.1 | 230.0 | 181.9 | 202.9 | 149.1 | 144.9 | 194.6 | 328.4 | 10. |
| 184.4 | 219.5 | 175.0 | 227.4 | 146.5 | 154.2 | 192.0 | 361.9 | 11. |
| 182.0 | 176.4 | 173.1 | 206.3 | 152.6 | 142.2 | 191.2 | 301.3 | 12. |
| 184.0 | 182.1 | 181.6 | 212.5 | 161.2 | 131.4 | 211.0 | 317.2 | 13. |
| 194.6 | 200.0 | 180.4 | 203.7 | 170.2 | 120.2 | 223.1 | 332.1 | 14. |
| 197.6 | 237.3 | 182.0 | 217.2 | 171.9 | 128.4 | 227.0 | 362.3 | 15. |
| 203.6 | 311.3 | 185.4 | 236.8 | 176.7 | 128.5 | 225.0 | 445.6 | 16. |
| 203.0 | 306.1 | 186.1 | 232.5 | 177.1 | 131.1 | 223.4 | 439.2 | 17. |
| 207.9 | 293.7 | 189.4 | 235.0 | 176.7 | 129.7 | 217.1 | 432.2 | 18. |

Table 2 (Cont'd) - INDEX NUMBERS OF VALUE OF TOTAL

Inventory represents estimated value of and shipments represent all tranafers of Table 1 (a). For list of industries in-

$$
\text { (1947 Average } \equiv 100 \text { ) }
$$

|  |  | CAPITAL GOODS |  |  |  |  | (TRANSPORTATION EQUIPMENT) |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## INVENTORY INVESTMENT AND SHIPMENTS IN SELECTED INDUSTRY GROUPS

manufacturers i total ownership of manufacturing inventory, ownership. Estimates are based on the same sources as in cluded in each group, see December 1952 report, page 50.

```
(1947 Average = 100)
```

CAPITAL GOODS (OTHER)

| Machinery |  | Agricultural Implements |  | Hardware <br> and Tools |  | Bollers and Plate work |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Invt. | Ship. | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. |  |
| 172.3 | 187.3 | 212.8 | 153.7 | 170.3 | 163.0 | 201.0 | 185.7 | 1. |
| 172.7 | 193.0 | 202.3 | 222.4 | 163.6 | 185.9 | 181.7 | 172.7 | 2. |
| 173.6 | 190.1 | 213.1 | 209.0 | 169.9 | 191.2 | 193.3 | 173.2 | 3. |
| 173.5 | 202.8 | 203.8 | 228.4 | 188.0 | 201.0 | 195.8 | 175.0 | 4. |
| 169.8 | 210.2 | 206.6 | 342.2 | 181.6 | 191.4 | 202.1 | 160.9 | 5. |
| 168.8 | 213.9 | 200.9 | 315.3 | 194.4 | 207.3 | 216.0 | 241.4 | 6. |
| 163.8 | 188.7 | 198.4 | 343.9 | 183.2 | 173.5 | 223.5 | 221.1 | 7. |
| 161.1 | 199.5 | 189.1 | 295.5 | 182.0 | 145.8 | 212.8 | 271.8 | 8. |
| 161.3 | 168.1 | 183.0 | 224.4 | 180.6 | 146.7 | 208.6 | 248.4 | 9. |
| 158.9 | 182.7 | 186.1 | 135.2 | 181.4 | 170.8 | 223.5 | 222.7 | 10. |
| 161.5 | 214.6 | 189.3 | 154.4 | 178.8 | 188.2 | 216.8 | 266.7 | 11. |
| 157.7 | 188.5 | 197.3 | 108.4 | 181.0 | 157.7 | 213.3 | 305.8 | 12. |
| 170.1 | 193.1 | 211.9 | 167.6 | 181.9 | 158.5 | 184.2 | 367.7 | 13. |
| 175.9 | 170.9 | 218.9 | 229.7 | 188.3 | 184.8 | 186.1 | 174.0 | 14. |
| 167.7 | 190.0 | 213.8 | 295.9 | 185.2 | 181.9 | 209.9 | 165.2 | 15. |
| 169.7 | 207.5 | 213.1 | 251.7 | 182.6 | 195.7 | 220.9 | 220.0 | 16. |
| 166.0 | 206.0 | 204.5 | 300.2 | 184.5 | 190.8 | 244.8 | 216.6 | 17. |
| 173.0 | 214.8 | 201.7 | 261.6 | 186.8 | 168.8 | 251.7 | 230.1 | 18. |

Table 2 (Concl'd) - INDEX NUMBERS OF VALUE OF TOTAL

Inventory represents estimated value of and shipments represent all transfers of Table 1 (a). For list of industries in-
(1947 Average $=100$ )

| Month | PRODUCERS' GOODS INDUS- |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Iron and Steel |  | Non-Ferrous Metals |  | Coke and Gas Products |  | Acids, Alkelies and Salts |  |
|  | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. | Invt. | Ship. |
| 1. 1951 - Dec. | 189.6 | 177.3 | 200.1 | 192.3 | 175.5 | 155.4 | 188.6 | 160.0 |
| 2. 1952 - Jan. | 196.2 | 172.4 | 203.2 | 188.3 | 147.7 | 188.7 | 195.0 | 138.8 |
| $3 . \mathrm{Feb}$. | 196.8 | 179.3 | 204.8 | 200.2 | 114.4 | 157.9 | 194.5 | 152.7 |
| 4. Mar. | 197.8 | 181.7 | 204.6 | 197.2 | 102.5 | 161.8 | 191.1 | 152.2 |
| 5. Apr. | 203.1 | 186.4 | 205.9 | 184.9 | 120.1 | 146.3 | 188.5 | 154.0 |
| 6. May | 206.3 | 194.4 | 207.8 | 195.7 | 136.6 | 160.7 | 183.6 | 159.9 |
| 7. June | 214.8 | 189.8 | 209.8 | 200.0 | 163.3 | 137.4 | 185.4 | 157.7 |
| 8. July | 208.6 | 204.7 | 221.1 | 164.8 | 174.0 | 143.7 | 186.6 | 148.8 |
| 9. Aug. | 208.1 | 178.7 | 225.7 | 161.9 | 200.3 | 139.3 | 182.5 | 156.0 |
| 10. Sept. | 203.7 | 212.0 | 223.0 | 173.5 | 210.8 | 152.6 | 176.1 | 173.6 |
| 11. Oct. | 204.3 | 210.2 | 221.5 | 180.0 | 213.3 | 189.3 | 183.9 | 160.4 |
| 12. Nov. | 209.8 | 186.2 | 217.9 | 174.9 | 214.9 | 174.1 | 183.2 | 161.0 |
| 13. Dec. | 207.6 | 170.3 | 217.0 | 176.4 | 185.5 | 182.9 | 181.2 | 152.7 |
| 14. 1953 - Jan. | 208.5 | 170.0 | 216.1 | 187.6 | 155.8 | 160.9 | 172.5 | 163.3 |
| 15. Feb. | 209.9 | 153.4 | 217.2 | 172.0 | 139.7 | 140.8 | 167.2 | 160.0 |
| 16. Mar. | 211.5 | 192.3 | 211.6 | 198.4 | 121.6 | 141.4 | 162.7 | 159.2 |
| 17. Apr. | 210.1 | 183.4 | 211.3 | 194.2 | 127.4 | 148.1 | 160.9 | 164.5 |
| 18. May | 215.3 | 182.7 | 213.3 | 205.1 | 135.3 | 168.9 | 157.1 | 174.6 |

INVENTORY INVESTMENT AND SHIPMENTS IN SELECTED INDUSTRY GROUPS
manufacturers' total ownership of manufacturing inventory, ownership. Estimates are based on the same sources as in cluded in each group, see December 1952 report, page 50.
(1947 Average $=100$ )

\left.| TRIES |  | CONSTRUCTION GOODS INDUSTRIES |  |  |  |  |  |
| :--- | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- |$\right]$

Table 3. - INDEX NUMBERS OF VALUES OF INVENTCRY INVESTMENT, BY COMPONENTS, ANJ SHIPMENTS IN INDIVIDUAL INDUSTKIES.
Indexes represent values for reporting plants only.
Reports are classified to the industry into which the plant's major items of production fall, but since other items may be included, the indexes are not to be taken as representing conmodity movements.

In cases where total inventory is shown twice for each month, the first figure represents investment (ownership) of reporting firms, and the second figure and components represent total holdings. In all other cases, there is no significant difference between investment and total holdings. Shipments in all cases represent transfers of ownership, and should be used in conjunction with inventory investment only.
$(1947$ Average $=100)$


Table 3 (Cont'd) - INDEX NUMBERS OF VALUES OF INVENTURY INVLSTMENT, BY CCMPONENTS, AND SHIPNENTS IN INDIVIDUAL INDUSTRIES. Indexes represent values for reporting firms only. For further description, see page 20.
$(1947$ Average $=100)$

| Industry and Month |  | Value of Inventory |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Value of Shipments | Total | Raw Materials | Goods in Process | Finished <br> Products |

## LEATHER PRODUCTS

Leather Tanneries

| May | 1952 |  | 65.9 | 107.4 | 68.7 | 114.7 | 335.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Apr. | 1953 | (Rev.) | 67.5 | 92.2 | 37.8 | 150.4 | 279.1 |
| May | 1953 |  | 75.1 | 93.1 | 37.8 | 153.1 | 281.2 |
| RUBBER INDUSTRY |  |  |  |  |  |  |  |
| Rubber Footwear |  |  |  |  |  |  |  |
| May | 1952 |  | 60.7 | 173.5 | 103.1 | 145.9 | 213.6 |
| Apr. | 1953 |  | 112.5 | 143.9 | 91.6 | 126.6 | 173.2 |
| May | 1953 |  | 102.5 | 153.5 | 89.5 | 125.5 | 190.4 |

Tires, Tubes \& Other Rubber Products

| May | 1952 | 194.9 | 205.8 | 120.2 | 158.2 | 298.5 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Apr. | 1953 (Rev.) | 193.5 | 203.6 | 100.8 | 158.6 | 311.4 |
| May | 1953 | 199.8 | 199.8 | 97.8 | 157.9 | 305.9 |


| May 1952 | 128.4 | 202.9 | 136.6 | 187.5 | 462.3 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Apr. 1953 (Rev.) | 140.7 | 213.8 | 133.5 | 172.0 | 572.5 |
| May 1953 | 145.0 | 208.7 | 132.1 | 172.8 | 543.5 |
| Woollen and Vorsted Woven Goods |  |  |  |  |  |
| May 1952 | 115.2 | 136.5 | 128.9 | 114.7 | 739.5 |
| Apr. 1953 (Rev.) | 92.6 | 135.5 | 118.0 | 109.8 | 1042.7 |
| May 1953 | 34.8 | 135.2 | 120.5 | 113.1 | 906.4 |
| Woollen and Worsted Yarn |  |  |  |  |  |
| May 1952 | 107.9 | 177.1 | 138.3 | 177.6 | 429.2 |
| Apr. 1953 (Rev.) | 130.3 | 165.9 | 121.3 | 172.9 | 463.0 |
| May 1953 | 124.0 | 166.9 | 114.3 | 187.4 | 484.6 |
| M1scellaneous Woollen Goods |  |  |  |  |  |
| May 1952 | 140.1 | 14.1 | 131.8 | 160.0 | 210.1 |
| Apr. 1953 (Rev.) | 149.5 | 134.4 | 111.6 | 165.1 | 258.0 |
| May 1953 | 150.9 | 1.39 .5 | 119.7 | 168.5 | 245.1 |
| Dyeing and Finishing of Textiles |  |  |  |  |  |
| May 1952 | 58.6 | 85.1 | 116.1 | 345.5 | - |
| Apr. 1953 | 47.8 | 70.2 | 91.7 | 368.2 | - |
| May 1953 | 51.4 | 67.0 | 91.7 | 268.2 | - |

Table 3 (Cont'd) - INDEX NUMBERS OF VALUES OF INVENTURY INVESTMENT, BY CONFONENTS, AND SHIPNENTS IN INUIVIUUAL INDUSTRIES.
Indexes represent values for reporting firms only. For further description, see page 20.
(1947 Average - 100 )


Table 3 (Cont'd) - INDEX NUMBERS OF VALUES OF INVENTORY INVESTMENT, BY COMPONENTS, AND SHIPMENTS IN INDIVIDUAL INDUSTRIES. Indexes represent values for reporting firms only. For further description, see page 20.
$(1947$ Average $=100)$

|  | Value of Inventory |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Industry and Month | Value of Shipments | Total | Raw <br> Materials | Goods in Process | Finished Products |



Table 3 (Cont'd) - INDEX NIMBERS OF VALUES UF INVINTORY INVESTNENT, BY COMPONENTS, AND SHIPMENTS IN INUIVIUUAL INUUSTRIES.
Indexes represent values for reporting firms only. For further description, see page 20.
$(1947$ Average $=100)$

| Industry and Month |  | Value of Shipments | Value of Inventory |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Materials | Goods in Process | Finished Products |
| IRON AND STEEL FRUDUCTS (Cont'd) |  |  |  |  |  |  |
| Boilers and Plate Work (1) |  |  |  |  |  |  |
| May | 1952 |  | 241.4 | 216.0 | - | - | - |
|  |  |  | 289.9 | 255.7 | 277.4 | 405.5 |
| Apr. | 1953 | 216.6 | 244.8 |  | - |  |
|  |  |  | 309.8 | 295.9 | 304.7 | 330.1 |
| May | 1953 | 230.1 | 251.7 | - |  | - |
|  |  |  | 315.4 | 280.3 | 322.9 | 340.5 |
| Fabricated and Structural Steel (1) |  |  |  |  |  |  |
| May | 1952 | 299.7 | 211.1 | - | - | - |
|  |  | - ${ }^{7}$ | 344.9 | 385.1 | 340.0 | 88.9 |
| Apr. | 1953 | 285.7 | 221.5 | - | - | - |
|  |  |  | 354.2 | 366.7 | 374.6 | 91.8 |
| May | 1953 | 24.4 .4 | 223.0 | - | - | - |
|  |  | - | 359.6 | 349.5 | 398.1 | 106.9 |
| Hardware and Tools |  |  |  |  |  |  |
| May | 1952 | 193.7 | 187.6 | 183.8 | 182.3 | 200.5 |
| Apr. | 1953 (Rev.) | 190.8 | 182.8 | 167.2 | 160.5 | 238.9 |
| May | 1953 | 168.8 | 185.8 | 171.3 | 160.1 | 244.2 |
| Heating and Cooking Apparatus |  |  |  |  |  |  |
| May | 1952 | 194.1 | 243.1 | 214.6 | 231.3 | 345.6 |
| Apr. | 1953 (Rev.) | 216.6 | 300.0 | 187.0 | 340.2 | 595.5 |
| May | 1953 | 213.0 | 311.0 | 192.9 | 337.9 | 637.8 |
| Household, Office \& Store Machinery |  |  |  |  |  |  |
| May | 1952 | 156.2 | 236.4 | 186.8 | 239.5 | 334.2 |
| Apr. | 1953 (Rev.) | 161.6 | 226.1 | 195.5 | 155.7 | 359.5 |
| May | 1953 | 169.7 | 233.7 | 198.3 | 158.7 | 381.2 |
| Iron Castings |  |  |  |  |  |  |
| May | 1952 | 171.6 | 244.7 | 270.0 | 116.4 | 294.1 |
| Apr. | 1953 (Rev.) | 128.0 | 233.9 | 247.9 | 217.1 | 234.9 |
| May | 1953 | 138.0 | 238.8 | 262.6 | 228.9 | 221.2 |

(1) See headnote, page 20 .

Table 3 (Cont'd) - INDEX NUMBERS OF VALUTS OF INVENTORY INVESTMENT, BY COMPONENTS, AND SHIPMENTS IN INDIVIDUAL INUUSTRIES.
Indexes represent values ior reporting firms only. For further description, see page 20.
(1947 Average $=100$ )

| Industry and Month | Value <br> of <br> Shipments | Total | Value of Inventory |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Materials | Goods in <br> Process | Finished <br> Products |  |  |

IRON AND STEFAL PRODUCTS (Cont'd)

Machine Tools (1)

| May | 1952 | 299.2 | 222.1 | - | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | - | 324.8 | 233.3 | 355.4 | 302.8 |
| Apr. | 1953 | 144.2 | 191.3 | - | - | - |
|  |  | - | 242.9 | 186.2 | 264.6 | 213.5 |
| May | 1953 | 166.0 | 191.0 | - | - |  |
|  |  |  | 235.7 | 190.7 | 248.8 | 229.6 |

Industrial Machinery N.E.C. (I)

| May | 1952 | 219.8 | 126.7 | - | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | - | 203.5 | 171.0 | 222.9 | 200.4 |
| Apr. | 1953 | 181.6 | 123.6 | - | - | - |
|  |  | - | 207.0 | 150.5 | 251.6 | 185.3 |
| May | 1953 | 196.3 | 132.9 | - | - |  |
|  |  | - | 209.6 | 156.3 | 246.4 | 196.8 |

## Primary Iron and Steel

(Includes Pig Iron; Steel Ingots
and Castings; Rolled Iron and Steel

Products; and ferro-Alloys)

| May | 1952 | 235.2 | 221.8 | 214.7 | 239.2 | 235.5 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Apr. | 1953 | 240.4 | 234.4 | 205.9 | 264.0 | 305.8 |
| May | 1953 | 229.0 | 243.9 | 216.7 | 238.3 | 344.3 |

Sheet Metal Products

| May | 1952 |  | 147.3 | 178.2 | 163.8 | 262.6 | 175.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Apr. | 1953 | (Rev.) | 136.0 | 181.6 | 153.4 | 328.7 | 178.3 |
| May | 1953 |  | 143.6 | 184.6 | 158.8 | 337.8 | 174.5 |
| Wire and Wire Products |  |  |  |  |  |  |  |
| May | 1952 |  | 196.0 | 193.4 | 187.7 | 149.8 | 219.6 |
| Apr. | 1953 | (Rev.) | 197.6 | 202.2 | 173.6 | 163.0 | 262.7 |
| May | 1953 |  | 194.7 | 200.5 | 176.4 | 163.0 | 253.4 |
| Miscellancous Iron and Steel |  |  |  |  |  |  |  |
| May | 1952 |  | 263.1 | 219.5 | 242.3 | 193.1 | 152.9 |
| Apr. | 1953 | (Rev.) | 285.2 | 315.1 | 236.8 | 277.9 | 558.1 |
| May | 1953 |  | 285.1 | 325.0 | 243.7 | 276.8 | 595.3 |

(1) See headnote, page 20.

Table 3 (Cont'd) - INDEX NUMBERS OF VALUES OF INVLNTORY INVESTMENT, BY COMPUNENTS, AND SHIPMENTS IN INUIVIDUAL INUUSTRIES.
Indexes represent values for reporting firms only. For further description, see page 20.
$(1947$ Average $=100)$

(1) See headnote, page 20.

Table 3 (Cont'd) - INDEX NUMBERS OF VALUES OF INVENTORY INVESTMENT, EY CONFONENTS, AND SHIPMHNTS IN INDIVIDUAL INUUSTRIES.
Indexes represent values for reporting firms only. For further description, see page 20.
$(1947$ Average $=100)$

| Industry and Month | Value <br> of <br> Shipments | Total | Raw |  | Materials |
| :--- | :---: | :---: | :---: | :---: | :---: | | Goods in |
| :---: |
| Process |$\quad$| Finished |
| :---: |
| Products |

NON-FERROUS METAL PRODUCTS
Brass and Copper Products

| May | 1952 | 189.5 | 215.8 | 186.4 | 155.8 | 431.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Apr. | 1953 | 203.8 | 204.7 | 174.1 | 177.3 | 371.3 |
| May | 1953 | 190.6 | 206.1 | 169.5 | 174.6 | 401.8 |

Jewellery and Silverware

| May | 1952 | 94.5 | 154.3 | 142.6 | 151.5 | 189.0 |
| :--- | :--- | ---: | :--- | :--- | :--- | :--- |
| Apr. | 1953 (Rev.) | 129.3 | 139.3 | 132.5 | 141.2 | 156.1 |
| May | 1953 | 136.4 | 138.2 | 130.4 | 137.0 | 163.4 |

Non-Ferrous Metal Smelting
and Refining

| May | 1952 | 199.5 | 215.1 | 229.0 | 149.3 | 278.0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Apr. | 1953 | 189.9 | 221.9 | 276.7 | 128.6 | 218.2 |
| May | 1953 | 211.7 | 224.3 | 283.7 | 123.7 | 219.1 |

Aluminum Products and
White Metal Alloys

| May | 1952 | 183.0 | 160.4 | 170.7 | 239.2 | 137.3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Apr. | 1953 (Rev.) | 206.0 | 164.2 | 153.8 | 304.5 | 145.7 |
| May | 1953 | 187.4 | 164.2 | 149.6 | 317.7 | 146.5 |

ELECTRICAL APPARATUS AND SUPPLIES
Batteries

| May | 1952 | 156.9 | 226.7 | 153.8 | 200.1 | 334.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Apr. | 1953 | 128.8 | 197.4 | 128.2 | 182.0 | 293.4 |
| May | 1953 | 151.9 | 195.5 | 124.6 | 162.0 | 304.8 |
| Heavy Electrical Machinery and Equipment (1) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| May | 1952 | 238.5 | 213.0 | - | - | - |
|  |  | - | 347.3 | 442.9 | 225.6 | 468.7 |
| Apr. | 1953 | 258.3 | 214.8 | - | - | - |
|  |  | - | 357.1 | 194.4 | 382.7 | 464.9 |
| May | 1953 | 260.8 | 217.2 | - | - | - |
|  |  | - | 357.9 | 200.1 | 379.3 | 468.6 |

(1) See headnote, page 20.

Table 3 (Cont'd) - INDEX NUMBERS OF VALUES OF INVENTORY INVESTMENT, BY COMPONENTS, AND SHIPMENTS IN INDIVIDUAL INDUSTRIBS.
Indexes represent values for reporting firms only. For further description, see page 20.
$(1947$ Average $=100)$

|  |  | Value of Inventory |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Industry and Month | of Shipments | Total | Raw Materials | Goods In Process | Finished <br> Products |

ELECTRICAL APPARATUS AND SUPPLITS (Cont'd)
Radios and Radio Parts (1)

| May | 1952 | 173.5 | 150.1 | - | - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 164.1 | 97.0 | 193.1 | 312.3 |
| Apr. | 1953 | 340.9 | 112.5 | - | - |  |
|  |  |  | 196.7 | 99.8 | 421.3 | 223.5 |
| May | 1953 | 318.9 | 125.2 | - | - |  |
|  |  |  | 210.2 | 101.6 | 441.1 | 264.7 |

Refrigerators. Vacuum Cleaners and Appliances

| May | 1952 | 162.3 | 262.8 | 218.2 | 352.4 | 213.6 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Apr. | 1953 (Rev.) | 238.1 | 331.9 | 231.3 | 384.4 | 349.1 |  |
| May | 1953 |  | 254.1 | 328.9 | 228.0 | 392.7 | 340.8 |

Miscellaneous Electrical Products

| May | 1952 | 181.1 | 172.0 | 137.5 | 161.1 | 192.7 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Apr. | 1953 | 186.1 | 159.0 | 142.8 | 146.5 | 173.0 |
| May | 1953 | 186.9 | 160.0 | 141.9 | 149.7 | 172.1 |

NOR-METALLIC MINERAL PRODUCTS
Abrasive Products

| May | 1952 | 160.2 | 160.6 | 181.9 | 532.5 | 110.0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Apr. | 1953 (Rev.) | 234.1 | 167.9 | 194.5 | 396.4 | 118.0 |
| May | 1953 | 211.4 | 173.2 | 200.9 | 401.2 | 121.8 |
|  |  |  |  |  |  |  |
| Asbestos Products |  |  |  |  |  |  |
| May | 1952 | 184.2 | 163.8 | 164.8 | 111.5 | 186.6 |
| Apr. | 1953 | 17.5 | 152.1 | 125.9 | 123.0 | 198.8 |
| May | 1953 |  | 153.6 | 132.2 | 115.8 | 197.2 |

[^1]Table 3 (Cont'd) - INDEX NUMBERS OF VALUES OF INVIMTORY INVESTMENT, BY COMPONENTS, AND SHIPMONTS IN INDIVIDUAL INDUSTRIES Indexes represent values for reporting firms only. For further description, see page 20.

$$
\text { (1947 Average }=100 \text { ) }
$$

|  | Industry and Month | Value of Shipments | Value of Inventory |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Raw <br> Materials | Goods in Process | Finished Products |
| NON-METALLIC MINERIL PRODUCTS (Concl'd) |  |  |  |  |  |  |
| Cement and Cement Products |  |  |  |  |  |  |
| May | 1952 | 297.5 | 159.8 | 144.7 | 111.5 | 272.1 |
| Apr. | 1953 (Rev.) | 292.2 | 189.7 | 163.7 | 144.5 | 373.5 |
| May | 1953 | 327.5 | 186.9 | 167.8 | 159.5 | 320.8 |
| Other Non-Metallic Mineral Products |  |  |  |  |  |  |
| (Inclutes the following: Clay |  |  |  |  |  |  |
| Products; Glass and Glass Products; |  |  |  |  |  |  |
| Miscellanoous Non-Metallic Mineral |  |  |  |  |  |  |
| Products; Coke and Gas Products) |  |  |  |  |  |  |
| May | 1952 | 156.1 | 157.4 | 140.3 | 122.9 | 364.5 |
| Apr. | 1953 (Rev.) | 154.7 | 158.0 | 121.4 | 95.2 | 544.8 |
| May | 1953 | 175.2 | 163.3 | 127.8 | 91.3 | 548.2 |
| PETROLELM PRODUCTS |  |  |  |  |  |  |
| May | 1952 | 346.2 | 309.7 | 170.1 | 199.2 | 434.5 |
| Apr. | 1953 | 284.8 | 348.1 | 169.7 | 263.8 | 496.0 |
| May | 1953 | 321.8 | 352.2 | 177.8 | 281.2 | 494.4 |
| CHFMICAL PRODUCTS |  |  |  |  |  |  |
| Acids, Alkalies and Selts |  |  |  |  |  |  |
| May | 1952 | 159.9 | 183.6 | 159.2 | 189.3 | 229.7 |
| Apr. | 1953 (Rev.) | 164.5 | 160.9 | 146.5 | 193.0 | 183.8 |
| May | 1953 | 174.6 | 157.1 | 151.0 | 196.3 | 162.4 |
| Fertilizers |  |  |  |  |  |  |
| May | 1952 | 332.8 | 110.2 | 125.6 | 105.3 | 84.0 |
| Apr. | 1953 | 304.5 | 154.0 | 130.8 | 229.8 | 116.4 |
| May | 1953 | 355.3 | 104.5 | 107.9 | 101.0 | 102.7 |
| Medicinal and Pharmaceutical |  |  |  |  |  |  |
| Preparations |  |  |  |  |  |  |
| May | 1952 | 130.2 | 118.1 | 105.5 | 140.0 | 122.5 |
| Apr. | 1953 (Rev.) | 132.8 | 120.5 | 111.6 | 149.7 | 117.8 |
| May | 1953 | 120.4 | 121.7 | 108.0 | 141.7 | 128.1 |
| Paints and Varnishes |  |  |  |  |  |  |
| May | 1952 | 194.6 | 203.9 | 157.8 | 125.2 | 310.3 |
| Apr. | 1953 (Rov.) | 183.5 | 199.1 | 149.7 | 112.0 | 314.4 |
| May | 1953 | 196.5 | 193.4 | 147.9 | 108.9 | 301.0 |

Table 3 (Concl 'd) - INDEX NUMEERS OF VALUES OF INVENTORY LNVESTMENT, BY CUIPOMENTS, HND SHLPMENTS IN INDIVIDUAL INDUSTKIES
Indexes represent values for reporting firms only. For further description, see page ? 0 .
(1947 Average $=100$ )

| Industry and Month |  | Value of Shiproents | Value of Inventory |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Raw Material | Goods in Process | Finished Products |
| CHEMIGAL PRODUCTS (Concl'd) |  |  |  |  |  |  |
| Soaps, Washing and Cleaning |  |  |  |  |  |  |
| Compounds |  |  |  |  |  |  |
| May | 1952 |  | 148.1 | 156.7 | 115.3 | 1.40 .2 | 249.7 |
| Apr. | 1953 | 169.1 | 148.2 | 107.5 | 84.1 | 265.5 |
| May | 1953 | 145.3 | 148.5 | 106.5 | 82.0 | 270.0 |
| Toflet Preparations |  |  |  |  |  |  |
| May | 1952 | 78.9 | 84.0 | 69.7 | 146.0 | 105.2 |
| Apr. | 1953 (Rev.) | 94.0 | 83.1 | 72.3 | 122.0 | 99.2 |
| May | 1953 | 89.2 | 83.0 | 73.0 | 121.0 | 97.4 |
| Other Chemical Products |  |  |  |  |  |  |
| (Includes the following: Primary |  |  |  |  |  |  |
| Plastics; Miscellaneous Chemicals and Allied Products (Including synthetic rubber) |  |  |  |  |  |  |
| May | 1952 | 218.9 | 199.5 | 155.7 | 421.8 | 240.1 |
| Apr. | 1953 (Rev.) | 249.6 | 164.3 | 138.6 | 323.1 | 181.2 |
| May | 1953 | 242.0 | 169.9 | 142.4 | 314.9 | 193.3 |
| MISCEILANEOUS MANUFACTURING |  |  |  |  |  |  |
| INDUSTRIES |  |  |  |  |  |  |
| Professional and Scientific |  |  |  |  |  |  |
| Instruments and Equipment |  |  |  |  |  |  |
| May | 1952 | 134.4 | 148.4 | 132.4 | 126.4 | 204.6 |
| Apr. | 1953 (Rev.) | 179.4 | 152.1 | 148.0 | 128.2 | 194.2 |
| May | 1953 | 180.7 | 152.5 | 147.5 | 127.2 | 199.3 |
| Other Miscellaneous Manufacturing |  |  |  |  |  |  |
| Industries: (Include the following: |  |  |  |  |  |  |
| Brooms, Brushes and Mops; Fabricated |  |  |  |  |  |  |
| Plastic Products; Musical Instruments; |  |  |  |  |  |  |
| Pens, Pencils and Typewriter Supplies; |  |  |  |  |  |  |
| Miscellaneous Industries (not elsewhereClassified) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| May | 1953 | 136.4 | 136.8 | 116.4 | 88.4 | 221.3 |
| Apr. | 1953 (Rev.) | 150.5 | 119.6 | 104.5 | 94.7 | 171.7 |
| May | 1953 | 153.3 | 120.4 | 106.8 | 91.9 | 173.5 |

Table 4 - INDEX NUNEELS OF VALUE OF SHIPMENTS aND OUTSTLNDING ORDERS FOR FIRMS REPORTING ORDERS BaCKLOGS, IN INDIVIDUnL LivDUSTRIES aND SELECTED GROUPS.

Note - The following table represents indexes of value of shipments luring the month and total outstanding orders at the end of the month, and the ratio of outstanding orders to shipments (number of current month's shipments value represented by outstanding orders) as reported by 900 manufacturing plants in the Monthly Inventory Survey. These plants accounted for approximately 28 percent of total production value in 1950. The data have been grouped according to the Standard Industrial Classification, as well as into larger significant groupings; the larger groupings represent reporting firms only, with no industry weightings. The base for the indexes is January 1952.

Coverage in the individual industries shown varies from 20 to 94 percent of total production value in these industries. Group totals include firms in appropriate industries which are not shown separately due to insufficient coverage. The industry coverage is not as extensive as in Table 2 and 3 because, in many industries, backlogs of orders are negligible. Within industries included, the coverage of firms is smaller than in Table 3 because a number of firms do not keep value records of unfilled orders. Separate shipments indexes for firms reporting orders have, therefore, been compiled, thus giving comparable data.
"Outstanding Orders" are defined as total backlogs of orders on books at end of month, irrespective of work done on them or of stocks from which they can be filled. In industries where lonkterm projects are common, this concept is not as satisfactory as is "work still to be done on orders". It is expected that a series covering tie latter, in selected industries, will be available within the next few months.

|  | Index of Shipments |  | Index of Outstanding Orders |  | Number of Current Month's Shipments in Outsta:iding Orders |  | Index of Outstanding Orders (early returns only) Jon. ${ }^{152=100}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mar. | Apr. | Mar. | Apr. | Mar. | Apr. | May |
| 1. All Keporting firms | 118.2 | 118.3 | 94.8 | 93.5 | 4.6 | 4.7 | 88.4 |
| 2. Large Industry Groups |  |  |  |  |  |  |  |
| Textile Products Clothing | 109.7 157.9 | 98.3 | 82.1 | 76.5 | 1.6 | 1.4 | 74.1 |
| Clothing <br> Iron \& Steel Products | $\begin{aligned} & 157.9 \\ & 109.2 \end{aligned}$ | 133.3 109.4 | 87.5 89.7 | $\begin{aligned} & 72.7 \\ & 85.9 \end{aligned}$ | 1.1 | 1.2 3.6 | 89.3 78.5 |
| Transportation Equipment (1) | 135.8 | 109.4 145.2 | 105.8 | 108.3 | 11.3 | 3.6 10.3 | 78.5 104.5 |
| Non-Ferrous Metals | 105.2 | 100.1 | 76.5 | 74.8 | 8.2 | 7.8 | 69.7 |
| Electrical Apparatus | 148.4 | 151.4 | 115.1 | 114.4 | 6.7 | 6.6 | 112.7 |
| Chemical Products | 105.2 | 115.9 | 77.4 | 73.5 | 0.5 | 0.4 | 70.4 |

Table 4 (Cont'd)- IfDEX NUMBERS OF VALUE OF SHIPMENTS aND OUTSTNNDING ORDEF'́N FOR FIHNS REPOHTING CINERS BACKLUGS, IN If DIVIDUnL Li.DUSTRIES AND SELECTED GROUPS. (See headnote, page 31)

3. Individual Industries -

| F1sh | 59.0 | 68.2 | 44.4 | 41.4 | 1.8 | 1.5 | 18.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Flour Mills | 99.5 | 94.0 | 73.7 | 66.1 | 1.1 | 1.1 | 51.4 |
| Rubber Products | 120.5 | 128.8 | 104.4 | 119.7 | 0.9 | 0.6 | 127.2 |
| Boots and Shoes | 147.0 | 139.7 | 64.5 | 51.9 | 0.9 | 0.8 | 55.7 |
| Leather Tanneries | 104.7 | 94.8 | 139.2 | 165.7 | 1.5 | 1.9 | 176.9 |
| Cotton Yarn and Cloth | 109.6 | 104.0 | 83.6 | 43.5 | 1.8 | 1.4 | 70.5 |
| Woollen \& Worsted Woven |  |  |  |  |  |  |  |
| Goods | 45.0 | 46.2 | 51.4 | 47.4 | 3.7 | 2.8 | 48.8 |
| Woollen \& Worsted Yarn | 95.7 | 125.1 | 84.7 | 87.8 | 2.3 | 2.6 | 79.8 |
| Miscellaneous Woollen |  |  |  |  |  |  |  |
| Goods Carpets, Mats \& Rugs | 104.5 165.0 | 111.1 | 86.9 | 88.2 | 1.7 | 1.3 | 58.9 |
| Carpets, Mats \& Rugs | 165.0 | 152.4 | 118.4 | 107.9 | 2.3 | 2.3 | 97.8 |
| Cotton \& Jute Eags | 59.2 | 56.6 | 52.8 | 58.8 | 1.0 | 1.2 | 50.3 |
| Other Textile Industrie | 120.7 | 117.8 | 121.2 | 145.4 | 0.9 | 1.0 | 136.8 |
| Hosiery | 168.2 | 143.9 | 104.5 | 92.0 | 0.8 | 0.7 | 97.8 |
| Other Knit Goods | 130.9 | 116.7 | 135.9 | 108.4 | 2.3 | 2.0 | 116.9 |
| Corsets | 131.7 | 133.8 | 60.6 | 60.6 | 0.4 | 0.4 | 55.6 |
| Other Clothing | 171.6 | 138.5 | 62.0 | 57.7 | 0.8 | 1.0 | 75.8 |
| Saw \& Planing Mills | 108.2 | 116.3 | 61.7 | 64.6 | 1.8 | 1.6 | 56.6 |
| Furniture | 120.3 | 108.7 | 109.2 | 77.2 | 1.5 | 1.4 | 110.0 |
| Boilers \& Plate Work | 136.7 | 112.2 | 89.8 | 87.3 | 12.7 | 15.7 | 82.4 |
| Hardware \& Tools | 112.1 | 109.7 | 92.2 | 72.8 | 1.6 | 1.5 | 65.3 |
| Heating \& Cooking Apparatus | 96.5 | 117.1 | 115.0 | 134.5 | 1.4 | 1.3 | 151.1 |
| Of'fice, Household \& Store |  |  |  |  |  |  |  |
| Machinery | 164.8 | 147.7 | 84.9 | 80.3 | 1.7 | 2.4 | 82.6 |
| Iron Castings | 116.0 | 108.1 | 68.8 | 60.7 | 2.3 | 2.2 | 49.3 |
| Machine Tools | 164.0 | 137.2 | 61.7 | 57.2 | 5.5 | 6.3 | 55.0 |
| Industrial Machinery | 111.1 | 120.5 | 77.5 | 74.1 | 3.9 | 3.7 | 70.6 |

Table 4 (Concl'd)- INDEX NUMBERS OF VALUE OF SHIPMENTS AND OU'ISTANDING ORDERS FOR FIRMS RERORTING ORDERS bACKLOGS, IN INDIVIDUAL INDUSTRIES iND SELECTED GROUPS. (See headnote page 31.)

| Index of | Index of <br> Outstarding <br> Orders | Number of <br> Current <br> Month's | Index of <br> Outstanding <br> Orders |
| :---: | :---: | :---: | :---: | :---: |
| Shipments |  |  |  |

## 3. Individual Industries - conciuded

| Primary Iron \& Steel | 93.3 | 97.6 | 104.6 | 100.5 | 3.2 | 3.0 | 85.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sheet Metal Products | 131.0 | 119.4 | 95.2 | 92.0 | 3.4 | 3.1 | 85.8 |
| Wire \& wire Goods | 94.4 | 99.1 | 79.5 | 77.5 | 1.9 | 1.8 | 92.4 |
| Misc. Iron \& Steel |  |  |  |  |  |  |  |
| Products | 143.7 | 138.2 | 109.0 | 108.3 | 3.7 | 3.5 | 111.4 |
| Motor Vehicles (1) | 157.6 | 162.0 | 153.9 | 152.7 | 2.1 | ?. 0 | 151.6 |
| Motor Vehicle Parts | 147.3 | 147.2 | 144.2 | 142.0 | 2.9 | 2.8 | 137.7 |
| Railroad Rolling Stock | 96.6 | 100.1 | 88.3 | 76.1 | 11.0 | 9.7 | 79.6 |
| Shipbuilding | 166.0 | 256.3 | 120.6 | 122.3 | 41.4 | 27.2 | 127.6 |
| Brass \& Copper Products | 107.1 | 104.6 | 112.4 | 116.5 | 2.1 | 1.8 | 105.8 |
| Batteries | 88.2 | 76.6 | 100.9 | 107.8 | 0.8 | 1.1 | 175.6 |
| Heavy Electrical |  |  |  |  |  |  |  |
| Apparatus | 158.8 | 147.6 | 136.0 | 130.8 | 8.5 | 8.7 | 128.8 |
| Radios | 342.1 | 277.6 | 185.1 | 176.2 | 4.3 | 4.8 | 138.9 |
| Misc. Electrical |  |  |  |  |  |  |  |
| Products | 128.8 | 142.8 | 100.8 | 101.0 | 7.5 | 7.0 | 102.3 |
| Abrasive Products | 139.9 | 135.5 | 80.6 | 93.0 | 0.7 | 0.8 | 94.9 |
| Paints \& Varnishes | 144.1 | 134.8 | 126.0 | 121.8 | 0.3 | 0.3 | 136.5 |
| Soaps \& Washing |  |  |  |  |  |  |  |
| Compounds | 110.1 | 108.6 | 91.3 | 103.3 | 0.2 | 0.3 | 84.3 |
| Brooms, Brushes \& Mops | 121.0 | 110.9 | 71.3 | 66.3 | 0.6 | 0.6 | 57.9 |
| Musical Instruments | 169.7 | 165.6 | 158.6 | 155.2 | 5.3 | 5.3 | 143.8 |

(1) Orders for this industry represent a two-month sales forecast, not total outstanding orders. Data for the industry are not included in any of the groupings on page 31.

# MONTHLY REPORT ON MANUFACTURERS INVENTORIES. SHIPMENTS AND ORDERS, MAY, 1953 

## SOURCES AND ME THODS

Sources: The tables contained in this report have been compiled from three types of material. In 96 industries, which in 1950 accounted for $73 \%$ of total gross value of production and $79 \%$ of total manufacturers' inventories, values of inventories and shipments are reported monthly by a sample of leading firms. Though the size of the sample varies from industry to industry, the average share of total inventory in the industries thus covered held by reporting firm is $72 \%$. In one large industry, monthly reports on shipments and inventories are made by a stratum sample of firms. In 5 industries, information is available on the physical volume of the chief types of stocks held by all or a representative sample of firms. Estimates of the current value of these stocks are made by means of data on prices or labour costs and rates of turnover in each industry. For three of these industries, shipments are calculated from production and inventory data. In total, these three groups hold $92 \%$ of all manufacturing inventories, and account for $87 \%$ of total gross value of production in Canada.

Methods: Individual indexes for each industry covered in the monthly survey are derived from the values reported by the sample of firms described above and based on the values reported by corresponding firms in December, 1946 adjusted to the average 1947 value. Since the industry indexes are designed to give a comparable historical series for reporting firms, no adjustment has been made to the individual industry indexes in Table III or to the industry-group indexes in Table II to allow for differences in the annual inventory change as shown in these series and in the complete Annual Survey (See December, 1951 report).

Inventory values for all-industry totals are obtained by applying the sample industry indexes for total inventory for each December to the corresponding December total inventory values for the same industries (ds obtained from the annual surveys described above) and projecting from the last December for the intervening month's. The small percentage of inventory held by industries not covered in the monthly survey is allowed for by projecting the latest December values for these industries on the trends shown by reporting industries in the same field. (1949 values were projected backward from December 1949 rather than forward from December 1948, because annual inventory data, prior to 1949 was compiled under the old industrial classification, and the industry totals for previous years do not, therefore correspond exactly with the groupings used in the sample series). The projection of December values has the effect of reweighting the sample once a year, thus correcting sampling errors. All-industry totals in Table 1 are therefore not strictly comparable from year to year (with the exception of 1949-50), and to indicate the extent of incomparability, both the estimated and actual December values are shown in the table (actual values are in brackets).

The breakdown of total inventory into main components - raw material, goods in process, and finished products - was derived by using the monthly component ratio for each sample industry against the projected total inventory value for the corresponding industry. Trends of reporting industries were again used to allow for industries not covered in the survey. This method was adopted because the alternative - applying the December, 1949 component indexes to the December, 1949 component values for each industry and projecting as for total inventory required that the industry samples should be based on component, as well as total
coverage. The present samples are based on total coverage only. Because the method is based on reporting firms only, the component totals do not correspond exactly with similar values obtained in the complete Annual Surveys.

Group totals for shipments were compiled by weighting the various industry indexes by their 1949 gross values of production, since no complete survey of shipments is available.

Factors to be noted in using the material presented in this report. When considering the individual industry series presented, it must be borne in mind that the divisions are industry divisions, not commodities. Industries and firms are classified according to the chief commodity produced, but since many firms produce more than the one commodity or commodity group which governs their classification, it follows that the figures shown apply to all commodities produced by reporting firms. The index numbers are, therefore, descriptive of the behaviour of industries only and should not be construed as a measure of commodity movement.

Also, it must be emphasized that the index numbers shown in this series are based on the dollar values of inventories held, not on actual physical quantities. 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.

Factors involved in separating physical changes from value changes for inventories: Some indication of the extent to which changes in value of inventories are due to changes in prices (both of goods and labour), thus isolating the physical changes which has taken place, can be obtained by reference to the trend in price changes as shown in the index of wholesale prices published in the "Canadian Statistical Review". This method should, however, be used with caution. 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.

Historical Data: All individual industry inventory and shipments series, on a monthly basis, are available from January, 1947 to date, and may be obtained on request. In each case, data from comparable groupings of firms, on the Standard Industrial Classification basis, have been compiled for the entire period. Since, prior to 1949 , these groupings do not correspond to annual inventory and production data which were at that time on the old classification system, estimates of total inventory have been carried back to January, 1949 only.


[^0]:    (n.a.) - Not avallable.

[^1]:    (1) See headnote, page 20.

