

# INVENTORIES, SHIPMENTS AND ORDERS 

 IN MANUFACTURING INDUSTRIESMARCH 1964

## NOTICE TO USERS

This is the first publication in 1964 and contains revised monthly data from January 1960 to March 1964.

# DOMINION BUREAU OF STATISTICS 

Industry Division

# INVENTORIES, SHIPMENTS AND ORDERS IN MANUFACTURING INDUSTRIES 

## MARCH 1964

Published by Authority of The Minister of Trade and Commerce

## TABLE OF CONTENTS

Page
Introduction (Charts and Text) ..... iv
TABLE 1. Estimated Value of Shipments in all Manufacturing Industries, by Province of Origin, Monthly -1960 to date, by months ..... 1
TABLE 2A. Estimated Value of Shipments, Orders and Inventory in all Manufac- turing Industries, 1960 to date, by months ..... 2
TABLE 2B. Estimated Value of Shipments, Orders and Inventory in all Manufac- turing Industries, 1960 to date, by months - Adjusted for Seasonal Variation ..... 3
TABLE 3. Estimated Value of Shipments, Orders and Inventory in Manufacturing Industries 1960 to date, by months, grouped according to the Standard Industrial Classification
Non-Durable - Major Groups 1, 2, 3, 4, 5, 6, 7, 10, 11, 18, 19 and 20 ..... 4
Durable - Major Groups 8, 9, 12, 13, 14, 15, 16 and 17 ..... 5
Major Group 1 - Food and Beverage Industries ..... 6
Major Group 2 - Tobacco Products Industries ..... 7
Major Group 3 - Rubber Industries ..... 8
Major Group 4 - Leather Industries ..... 9
Major Group 5 - Textile Industries ..... 10
Major Group 6 - Knitting Mills ..... 11
Major Group 7 - Clothing Industries ..... 12
Major Group 8 - Wood Industries ..... 13
Major Group 9 - Furniture \& Fixture Industries ..... 14
Major Group 10 - Paper \& Allied Industries ..... 15
Major Group 11 - Printing, Publishing and Allied Industries (not published separately, values included in Table 2)
Major Group 12 - Primary Metal Industries ..... 16
Major Group 13 - Metal Fabricating Industries (except Machinery and Transportation Equipment Industries) ..... 17
Major Group 14 - Machinery Industries ..... 18
Major Group 15 - Transportation Equipment Industries ..... 19
Major Group 16 - Electrical Products Industries ..... 20
Major Group 17 - Non-Metallic Mineral Products Industries ..... 21
Major Group 18 - Petroleum and Coal Products Industries ..... 22
Major Group 19 - Chemical and Chemical Products Industries ..... 23
Major Group 20 - Miscellaneous Manufacturing Industries ..... 24

## TABLE OF CONTENTS

Page
Table 4. Statistics for selected individual industries, 1960 to date by months ..... 25
Table 5. Ratios of Value of Inventory Owned to Value of Shipments, 1960 to date, by months:Industries grouped according to the Standard Industrial Classifi-cation
Total inventory ..... 90
Finished products inventory ..... 91
Industrial Grouping -
Industries included in groups of the Standard Industrial Classification, Tables 3 and 6 ..... 92
Concepts and Sources ..... 94
Footnotes to tables ..... 95

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

P Preliminary figures.
I Revised figures.
.. Figures not available.
... Figures not appropriate or not applicable.

- Nil or zero.


The monthly bulletin of Manufacturers' Shipments, Inventories and Orders provides monthly values for these ftems for the manufacturing industries of Canada. The aggregate shipments values and year end inventory values are directly compamble(1) with the annual shipments values of Census of Manufactures and the opening and closing inventory values are also comparable with the census values for all years where the census values have been published. Thus in this bulletin the values up to and including the year 1961 are equal to or directly comparable with the census values. The values for 1962 , 1963 and for the first three months of 1964 are estimates obtained by using reports from a group of manufacturing firms to project the latest, 1961 , census values. The values published here for 1962 and 1963 may therefore be used as preliminary estimates of the census values for these years and the monthly estimates for 1964 bring the series up to date.

The format of the publication follows the Standard Industrial Classification with two additional groupings. First total shipments are divided into manufactures" shipments by provinces; and secondly the major groups in the standard industrial classification are classified as durable or non-durable industries and these two groups are sumed and shom separately.

The Manufacturing Division of the Standard Industrial Classification is a classification of manufactures according to the process carried on and the end product produced. In this classification the entire range of manufacturing in Canada is reduced to approximately 200 industries. These industries are, again using the same two criteria, grouped into 20 major groups and, as noted above, the twenty major groups are divided into two: durable and non-durable goods, but for this division the criterion is the end product only. A further division into economic use groups has not been included in this publication but will be avallable later this year. The more extensive use of the end product criterion in the Standard Induscrial Classification has brought the individual industries more closely in line with the economic use concept so that the latter will follow more readily from the revised industry classifications than from the fomer fadustry series.

The monthly series revised to the new industrial classification were first published a year ago. The revision this year, which has also been extended to cover the years back to 1958 , is in one sense the customary annual revision which is done to incorporate the latest avallable annual census data into the series and to use it as the base for the subsequent years and the current monthly estimates; this year, however, the use of the 1961 base has resulted in the revision of the series to the new establishment concept as the year 1961 is the first year in which the census has used this definition.

The manufacturing establishment was defined in the 1961 census as the smallest manufacturing unit in a company which is a separate accounting entity capable of reporting the full range of principal statistics. The former definition also required a full range of statistics but the essential consideration was the attempt to break out manufacturing activity separate from other activity and to obtain separate reports if major groups of comodities produced in the same plant were classifiable to different industries. The major activity of the establishment must be manufacturing activity in contrast to the former practice of attempting to cover the manufacturing activity in non-manufacturing establishments. In changing the emphasis many companies which formerly prepared two or more census reports for the same manufacturing location will now prepare only one and in many cases the value of shipments will reflect final sales rather than values at the manufacturing level as in the past. The firms participating in the monthly survey had fairly generally adjusted their monthly reporting to the new definition during 1962 as the 1961 census reports came in or were revised on the new basis so that the current values were revised at the same time as the annual series. It should be added that as the new definition of the establishment is designed to obtain the most meaningful values from fims on the basis in which their records are set up many firms were already reporting monthly on this basis as the detalled adjustments required to report on the old definition were often only possible for the annual report.

In working out the new establishment definition with manufacturers it became apparent that many firms had been reporting factory shipments at cost to the census and were reporting final sales to customers in the monthly survay as a company sales figure. In many companies the final sales were made through a sales division or trading outlet which lent some rational to the differences although, in fact, the sales outlet was an integral part of the company taking orders and selling goods directly from the plant or warehouse. Under the new definition the shipments from such firms are now reported in the annual census at final selling value (the same as in the monthly survey) and the employment and payrolls of the sales staff are shown on the annual plant report. This results in a more meaningful figure of value added in manufacturing. Since during the work on the revision it became evident that the trading outlet universe, as previously defined, would to a large extent vanish under the new establishment concept, shipments and inventories of manufacturers' sales outlets were discontinued from this publication when the revision to the new Standard Industrial Classification was published last year. This area of activity in many industries is now included with manufacturing.

There are, however, some companies with bona fide sales outlets; outlets which "purchase" goods from their own company's plants and expect to sell them at a price to cover the costs of operating the sales outlets. There are also some industries, notably petroleum refineries and the agricultural implements industry where the wholesale or distributing function is an integral part of the manufacturing activity but where the sales activity is so large that the distribution activity has been separated from the manufacturing activity. Thus the wholesale functions in these industries are not included with manufacturing activity and manufacturers' sales are valued at the value of the product at the plant. There is another group of manufacturers where although the manufacturing activity and sales activity are not separate information about commodities produced can only be given at the plant level. Comodity identity is not carried through to the final sales level. These are chiefly food processing companies which can and do report the value of various food tuems produced in their plants but, since the selling is done through a central but not separate sales division in the company, the total value of shipments cannot be broken down by comodities. For these companies the value of production is recorded rather than the value of shipments in each industry. On the other hand certain plants which do a considerable amount of manufacturing and which were formerly considered manufacturers have been transfered to trade since their major activity is trading. Two groups in particular have been transfered out of manufacturing; sawnilis which formed part of a lumber yard and building materials sales outlet and feed mills.
(1) See end of text and footnote to Table 2 on page 95 for exceptions.

Changes frow the previously published series resulting from the now concept of the establishment will show up in the values for the years prior to 1961 . Changes in the value of shipments and inventories in 1961 are the result both of the change from the old to the new concept and of the revision from the preliminary estimates for 1961 values based on the 1960 census to the 1961 census values. Changes in 1962 and 1963 values areagain partly the result of the change in the establishment concept and partly the rasult of changing the base from 1960 to 1961 . Thus only the change in the values for 1960 can be properly ascribed to the change in concept above. The changes in shipments in 1960 estimates at the major group level range from minus 6.6 percent in the wood industries group to plus $1.7 \%$ in the rubber products group. The tobacco and tobacco products industries, the paper products and transportation industries show changes of less than a tenth of one percent and aix other industry groups: the leather products industries, the knitting milis and clothing industrias, the primary metals and machinery industries and the electrical products industries show changes of not more than one percent. Of the eleven remaining groups seven show changes of two percent or less. These are the foods and beverages industries, the rubber industries, the textile industries, the furniture and fixture industries, the metal fabricating industries, the non-metallic mineral products industries and the chemical and chemical products industries. Two others the printing and publishing industries group and the miscellaneous mamufacturing industries group show declines of 2.3 and 2.8 percent respectively. The petroleum and coal products industries group has shipments 4 percent lower in 1960 under the new concept than under the former one and the wood industries group has shipments 6.6 percent lower.

A more detailed description of the changes in the annual census of manufacturing resulting from the change in the concept of the establishment will be found in Section A of the report Manufacturing Industries of Canada 1961 (Catalogue No. 31-203). In addition the individual industry reports for the 1962 Census will include a description of the changes in each industry. It should be noted that the Poultry Processors Industry in the Food and Beverage Group and the Dental Laboratories Industry in the Miscellaneous Manufacturing Group have been excluded from Section A - Manufacturing Industries of Canada, 1961, In order to make the 1961 figures comparable to those of previous years when data for these industries were not collected. These industries however, have been included in the monthly series contained in this report beginning with 1960. The sum of the monthly shipments figures for 1961 in this report are therefore about $\$ 151$ million greater than the corresponding annul census figures. (Poultry Processors - $\$ 138$ million and Dental Laboratories - $\$ 13 \mathrm{mlllion}$ ) The figures are $\$ 129$ million greater in the same comparison for 1960 . These industries will be re-introduced in the annual census series in the 1962 Census of Msnufactures reports, beginning with the revised 1961 figures.

The monthly series for 1958 and 1959 have been revised to the new establishment concept and are available on request.



See footnotes. page 95.

Adjusted for Seasonal Variation


Non-Durable
Includes Major Groups $1,2,3,4,5,6,7,10,11,18,19$ and 20.


Major Group 1 - Food and Beverage Industries.


See footnotes, page 95.

Major Group 2 - Tobacco Products Industries


[^0]Major Group 3 - Rubber Industrien


Major Group 4 = Leather Industries


Major Group 5 - Textile Industries


Major Group 6 - Knitting Mills


See footnotes, page 95.

Major Group 7 - Clothing Industries


Major Group 8 = Wood Industries


See footnotes, page 95.

Major Group 9 - Furniture and Fixture Industries


[^1]Major Group 10 - Paper and Allied Industries


[^2]Major Group 12 - Primary Metal Industries


See foatnates, page 95.

Major Group 14 - Machinery Industries


Major Group 16 - Electrical Products Industries


Major Group 17 - Non-Metallic Mineral Products Industries


See footnotes, page 95.

Major Group 18 - Petroleum and Coal Products Industries


Major Group 19 - Chemical and Chemical Products Industries

| Date | Shipments | Orders |  | Inventory at end of month |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | New orders received during month(2) | $\begin{aligned} & \text { Unfilled } \\ & \text { orders } \\ & \text { at end } \\ & \text { of month(2) } \end{aligned}$ | Owned | Held but not owned | All inventory held |  |  |  |
|  |  |  |  |  |  | Total | $\begin{gathered} \text { Raw } \\ \text { materials } \end{gathered}$ | Goods in process | Finislied products |
| 1960 - $\begin{array}{r}\text { January } \\ \text { February } \\ \text { March } \ldots . . \\ \\ \\ \text { April } \\ \\ \text { May . . . }\end{array}$ |  |  |  | thouse | $s$ of dol |  |  |  |  |
|  | 102,775 |  |  | 244,397 | - | 244, 397 | 106,967 | 36,272 | 101, 158 |
|  | 107,275 |  |  | 244,710 | - | 244,710 | 104,803 | 36,217 | 103,690 |
|  | 119,474 |  |  | 248,220 | - | 248,220 | 104,531 | 37,375 | 106,314 |
|  | 120,081 |  |  | 247,451 | - | 247,451 | 105,089 | 36,979 | 105,383 |
|  | 132,648 |  |  | 241,649 | - | 241,649 | 107,334 | 33,375 | 100,940 |
|  | 126,677 |  |  | 242,805 | - | 242,805 | 108,944 | 31,230 | 102,631 |
|  | 100,274 |  |  | 243,883 | - | 243,883 | 108,832 | 31,767 | 103,284 |
|  | 113,510 |  |  | 244,747 | - | 244, 747 | 111,153 | 32,109 | 101,485 |
|  | 121,945 |  |  | 240,137 | - | 240,137 | 109,854 | 32,639 | 97,644 |
|  | 111,723 |  |  | 243,454 | - | 243,454 | 111, 164 | 33,764 | 98,526 |
|  | 108,058 |  |  | 250,958 | - | 250,958 | 113,295 | 35,636 | 102,027 |
|  | $\begin{array}{r} 93,240 \\ 1,357,680 \end{array}$ |  |  | 256,883 | - | 256,883 | 111,412 | 35,724 | 109,747 |
| 1951 - January ... | 110,785 |  |  | 262,912 | - | 262,912 | 115,239 | 35,793 | 111,880 |
| February . | 106,270 |  |  | 264,712 | - | 264,712 | 111,454 | 36,656 | 116,602 |
| March. | 121,228 |  |  | 262,483 | - | 262,483 | 106,857 | 36,408 | 119,218 |
| April | 121, 221 |  |  | 262,272 | - | 262,272 | 105,394 | 36,878 | 120,000 |
| May | 139,864 |  |  | 255, 303 | - | 255,303 | 104,859 | 32,888 | 117,556 |
| June | 133,551 |  |  | 250,023 | = | 250,023 | 103,194 | 31,627 | 115,202 |
| July | 107,578 |  |  | 253,313 | - | 253, 313 | 105,157 | 31,511 | 116,645 |
| August | 119,177 |  |  | 259,429 | - | 259,429 | 110,618 | 32,187 | 116,624 |
| September .. | 124,737 |  |  | 259, 713 | - | 259,713 | 111,485 | 32,647 | 115,581 |
| October .... | 124,283 |  |  | 265,787 | - | 265,787 | 114,905 | 33,843 | 117,039 |
| Novenber . . | 119,845 |  |  | 269,628 | - | 269,628 | 113,113 | 35,064 | $121,451$ |
| December ... Torals | 105,339 $, 433,878$ |  |  | 275,121 | - | 275,121 | 113,985 | 34,688 | $126,448$ |
| 1962 - January .... | 119,357 |  |  | 278,991 | - | 278,991 | 110, 204 |  | $134,265$ |
| February ... | 113,292 |  |  | 278,077 | - | 278,077 | 106,580 | 34,892 | $136,605$ |
| March ...... | 131,185 |  |  | 281,979 | - | 281,979 | 106,012 | 35,335 | 140,632 |
| April .... | 136,216 |  |  | 277,319 | - | 277,319 | 100,764 | 35,326 | 141,229 |
| May . . . . . . | 160, 141 |  |  | 264,557 | - | 264,557 | 101,324 | 31,021 | 132,212 |
| $J$ une | 143,838 |  |  | 257,629 | - | 257,629 | 101,140 | 31, 272 | 125,217 |
| suly ........ | 117,432 |  |  | 264,451 | - | 264,451 | 105, 381 | 30,609 | 128,461 |
| August ..... | 126,708 |  |  | 267,259 | - | 267,259 | 107,501 | 29,782 | 129,976 |
| September . . | 129,980 |  |  | 267,320 | - | 267,320 | 109,156 | 29,086 | 129,078 |
| October .... | 131,542 |  |  | 270,661 | - | 270,661 | 111,279 | 30,374 | 129,008 |
| November . . . | 124,020 |  |  | 271,064 | - | 271,064 | 110,134 | 31,133 |  |
| $\begin{array}{r} \text { December } \\ \text { Totals } \end{array}$ | $\begin{array}{r} 110,921 \\ 1,544,632 \end{array}$ |  |  | 277,011 | - | 277,011 | 111,446 | 32,024 | $133,541$ |
| 1963 - January .... | 120,016 |  |  | 279,209 | - | 279,209 | 108,639 | 31,844 | 138,726 |
| February ... | 119,959 |  |  | 281,607 | - | 281,607 | 106,688 | 32,012 | 142,907 |
| March ...... | 132,274 |  |  | 282,788 | - | 282,788 | 105,203 | 34,508 | 143,077 |
| April ...... | 144,302 |  |  | 279,460 | - | 279,460 | 103,091 | 33,765 | 142,604 |
| May ........ | 165,124 |  |  | 268,744 | - | 268,744 | 102,191 | 29,393 | 137,160 |
| June . . . . . . . | 143,613 |  |  | 264,374 | - | 264,374 | 101,590 | 30,470 | 132,314 |
| July ....... | 122.644 |  |  | 270,608 | - | 270,608 | 102,484 | 30,764 | 137,360 |
| August ..... | 130,857 |  |  | 272,377 | - | 272,377 | 106,131 | 30,144 | 136,102 |
| September .. | 138,914 |  |  | 270,140 | - | 270,140 | 1.05,522 | 30,692 | 133,926 |
| October . | 146,896 |  |  | 270,631 | - | 270.631 | 105,766 | 30,757 | 134,108 |
| November | 134,657 |  |  | 272,197 | - | 272.197 | 109,176 | 31,636 | 131,385 |
| $\begin{aligned} & \text { December } . . \\ & \text { Totals } . . \\ &\end{aligned}$ | $\begin{array}{r} 121,623 \\ 1,620,879 \end{array}$ |  |  | 280,194 | - | 280,194 | 110,590 | 33,485 | 136,119 |
|  |  |  |  |  | - |  |  | 33,964 |  |
|  | 133,998 141,840 |  |  | 287,786 288,330 | - | 287,786 288,330 | 108,068 | 34,830 | 144, 888 |
|  | 141,840 |  |  | 288,330 | - | 288,330 | 107,401 | 34,897 | 146,032 |
|  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |

See footnotes, page 95.

Major Group 20 - Miscellaneous Manufacturing Industries



[^3]| Industry | 1961 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|  | thousends of dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| FOODS AND BEVERAGES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Slaughtering and meat procegsors: (1) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments Total inventory owned | 90,069 52,727 | 79,676 55,313 | 90,746 56,753 | 89,034 56,226 | 95,023 54,981 | 93,785 53,317 | 93,289 50,943 | 95,303 S0,052 | 96,427 50,745 | 101,134 54,374 | 95,588 59,386 | 94,936 51,117 | 1,115,010 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ................. | 59,181 40,593 | 57,897 36,557 | 66,678 35,128 | 67,108 36,597 | 78,989 35,250 | 91,739 45,487 | 86,599 48,385 | 87,154 49,912 | 81,210 47,913 | 75,826 49,234 | 71,046 45,446 | 68,055 47,384 | 891,482 |
| Raw materials ....... | 20,915 | 20,223 | 20,191 | 20,860 | 19,071 | 22,670 | 23,010 | 24,210 | 23.405 | 22,836 | 21,681 | 23,135 |  |
| Goods in process and finished products ... | 19,678 | 16,334 | 14,937 | 15,737 | 16,179 | 22,817 | 25,375 | 25,702 | 24,508 | 26,398 | 23,765 | 24,249 |  |
| Fruit and vegetable canners and preservers: $\quad$, |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ................................... | 26,120 | 25,908 | 24,746 | 26,885 | 25,457 | 28,925 | 25,604 | 25,514 | 28,368 | 33,327 | 30,369 | 26,878 | 328,101 |
| Total inventory amed | 121,479 | 109,262 | 104,214 | 98,200 | 89,060 | 84,208 | 91,743 | 113,629 | 142,206 | 146,717 | 143,547 | 137,732 |  |
| Raw materials and goods in process ....... | 29,754 | 27,258 | 26,403 | 27,920 | 26,498 | 26,492 | 27,910 | 31,893 | 30,985 | 31,554 | 32,152 | 31,255 |  |
| Finished products .......................... | 91,725 | 82,004 | 77,811 | 70,280 | 62,562 | 57,716 | 63,833 | 81,736 | 111,221 | 115,163 | 111,395 | 106,477 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments | 16,104 | 16,436 | 19,844 | 17,535 | 19,173 | 17,494 | 20,667 | 19,369 | 16,519 | 19,172 | 20,958 | 17,306 | 220,577 |
| New orders | 16,605 | 18,484 | 19,022 | 15,447 | 17,564 | 27,786 | 24,348 | 18,857 | 15,298 | 18,181 | 24,326 | 22,882 |  |
| Unfllled orders | 19,504 | 21,552 | 20,730 | 18,642 | 17,033 | 27,325 | 31,006 | 30,494 | 29,273 | 28,282 | 31,650 | 37,226 |  |
| Total inventory owned | 37,682 | 33,223 | 30,437 | 30,426 | 29,801 | 27,980 | 29,663 | 29,455 | 30,362 | 34,514 | 39,251 | 43,801 |  |
| Raw meterials ....... | 33,312 | 28,876 | 25,887 | 25,523 | 25,296 | 23,926 | 26,714 | 25,662 | 26,141 | 30,246 | 35,696 | 39,823 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ................................... | 6,315 | 6,775 | 7,271 | 6,527 | 7,704 | 7,704 | 7,178 | 7,566 | 7,886 | 8,308 |  | 5,988 7 | 87,650 |
| Total inventory owned ...................... | 8,287 | 8,453 | 8,827 | 8,964 | 8,621 | 8,465 | 8,457 | 8,337 | 8,401 | 8,462 | 8,392 | 7,926 4,254 |  |
| Raw materials | 5,170 361 | 5,158 358 | 5,222 364 | 5,171 374 | 5,086 371 | 4,907 362 | 4,880 345 | 5,033 386 | 4,922 382 | 4,845 393 | 4,515 362 | 4,254 320 |  |
| Goods in process Finished products ...................................... ${ }^{\text {. }}$. | 361 2,756 | 358 2,937 | 364 3,241 | 374 3,419 | 371 3,164 | 362 3,196 | 345 3,232 | 386 2,918 | 382 3,097 | 393 3,224 | 362 3,515 | 320 3,352 |  |
| Finished products | 2,756 | 2,937 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments . .................................. | 10,050 | 11,251 | 11,263 23,155 | 10,837 23,012 | 10,818 24,489 | 10,012 25,951 | 8,938 26,689 | 10,087 27,541 | 14,174 26,950 | 16,362 26,013 |  |  | 140,534 |
| Total Inventory awned ....................... | 24,066 14,386 | 23,175 13,196 | 23,155 12,492 | 23,012 11,965 | 24,489 13,384 | 25,951 14,752 | 26,689 16,447 | 27,541 16,732 | 26,950 16,494 | 26,013 16,035 | 25,724 15,285 | 25,079 14,450 |  |
|  | 14,386 2,584 | 13,196 2,467 | 12,492 2,494 | 11,965 2,501 | 13,384 2,261 | 14,752 2,334 | 16,447 2,337 | 16,732 2,680 | 16,494 2,594 | 16,035 2,434 | 15,285 2,729 | 14,450 2,395 |  |
| Goods in process Finished products . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 7,584 | 7,512 | 2,494 8,169 | 8,546 | 8,844 | 8,865 | 7,905 | 8,129 | 7,862 | 7,544 | 7,710 | 8,234 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ....................................... | 8,300 38,159 | 9,083 33,836 | 10,588 31,911 | 9,973 31,538 | 11,217 | 13,155 | 13,115 26,993 | 13,827 | 12, 24,633 | 29,308 | 11,296 | 36,946 | 133,454 |
| Raw materials .................................. | 12,149 | 10,777 | 11,349 | 11,995 | 12,608 | 13,411 | 13,632 | 15,936 | 16,403 | 15,892 | 19,364 | 16,681 |  |
| Goods in process | 817 | 388 | 604 | 542 | 1,027 | 841 | 505 | 738 | 528 | 712 | 810 | 793 |  |
| Finished products | 25,193 | 22,671 | 19,958 | 19,001 | 18,829 | 17,409 | 12,856 | 8,158 | 7,702 | 12,704 | 18,122 | 19,472 |  |

[^4]TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries

(1) Includes sausage and sausage casing mafacturers.
(2) Includes butter and cheese plants, pasteurizing plants, condenseries, fice cream manufacturers and process cheese manufacturers.

| Industry | 1963 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug, | Sept. | Oct. | Nov. | - Dec. | Total |
|  | thousands of dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| FOODS AND BEVERAGES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Slaughterine and meat processors: (1) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments |  |  |  |  |  |  |  |  |  | 102,675 | 97,516 |  | 1,163,475 |
| Total inventory owned | 51,876 | 53,352 | 59,196 | 56,885 | $57,387$ | $56,782$ | $52,590$ | $47,942$ | $47,556$ | 50,032 | 56,855 | $50,1.30$ | 1,163,475 |
| Datry products industries: (2) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments . ................ | 66,142 | 63,865 | 71,049 | 76,615 |  |  |  |  |  |  |  |  |  |
| Total inventory amed | 41,117 | 40,635 | 37,266 | 76,615 38,189 | 86,840 41,406 | 46,702 | 95,551 | 91,169 49,220 | 83,880 49,221 | 83,689 48,429 | 76,368 46,497 | 75,239 44,936 | 967,109 |
| Raw materials ....................................... | 22,430 | 22,412 | 22,436 | 23,972 | 23,845 | 25,318 | 25,843 | 26,409 | 25,681 | 26,130 | 25,488 | 25,268 |  |
| Goods in process and finished products ... | 18,687 | 18,223 | 14,830 | 14,217 | 17,561 | 20,063 | 19,468 | 22,811 | 23,540 | 22,299 | 21,009 | 19,668 |  |
| Fruit and vegetable canners and preservers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ................................... | 30,821 | 32,003 | 26,674 | 30,664 | 32,718 | 33,459 |  |  |  |  |  |  |  |
| Total Inventory amed .................... | 135,830 | 125,243 | 118,161 | 110,970 | 105,319 | 100,246 | 107,501 | 121,791 | 144,101 | 36,969 152,385 | 33,551 150,563 | 27,986 144,131 | 378,532 |
| Raw materlals and goods in process ....... | 34,770 | 33,103 | 31,817 | 31,632 | 31,632 | 32,081 | 34,752 | 38,831 | 38,130 | 38,311 | 38,865 | 35,736 |  |
| Fintshed products ......................... | 101,060 | 92,140 | 86,344 | 79,338 | 73,687 | 68,165 | 72,749 | 82,960 | 105,971 | 114,074 | 111,698 | 108,395 |  |
| Flour mills: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments | 17,010 | 17,797 | 18,257 | 18,727 | 19,582 | 17,112 | 17,212 | 18,454 | 18,669 | 29,206 | 28,397 | 28,060 | 248,483 |
| New orders ..................................... | 15,675 | 17,786 | 19,788 | 20,089 | 18,951 | 14,403 | 18,416 | 16,689 | 57,207 | 29,466 | 24,162 | 21,389 | 248,483 |
| Unfilled orders ............................. | 9,236 | 9,225 | 10,756 | 12,118 | 11,487 | 8,778 | -9,982 | 8,217 | 46,755 | 47,015 | 42,780 | 36,109 |  |
| Total inventory owned ...................... Raw materials ........................ | 39,318 | 32,108 | 30,506 | 30,600 | 32,379 | 28,820 | 34,262 | 30,114 | 33,266 | 40,189 | 43,341 | 51,440 |  |
| Raw materlals ............................. | 35,099 | 28,169 | 25,989 | 26,592 | 28,399 | 24,427 | 30,169 | 26,429 | 28,227 | 34,633 | 37,578 | 45,236 |  |
| Biscuit manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ........... | 8,097 | 7,743 | 8,072 | 8,109 | 9,130 | 8,540 | 8,709 | 9,352 | 9,760 | 9,610 | 9,186 | 7,297 | 103,605 |
| Total inventory owned | 9,306 | 9,505 | 9,678 | 10,127 | 9,513 | 9,454 | 9,062 | 9,298 | 9,792 | 10,311 | 9,897 | 8,696 | 103,605 |
| Raw materials... | 5,647 | 5,576 | 5,388 | 5,674 | 5,745 | 5,725 | 5,674 | 5,466 | 5,913 | 5,955 | 5,576 | 5,199 |  |
| Goods in process | 595 | 399 3.530 | 398 | 420 | 402 | 401 | +409 | 453 | 435 | 443 | 386 | 377 |  |
| Finished products | 3,264 | 3,530 | 3,892 | 4,033 | 3,366 | 3,328 | 2,979 | 3,379 | 3,444 | 3,913 | 3,935 | 3,120 |  |
| Confectionery manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ................... | 12,558 | 11,995 | 12,243 | 12,383 | 12,466 | 10,394 | 10,310 | 13,436 | 17,425 | 17,660 | 17,314 | 14,948 | 163,132 |
| Total inventory owned | 30,632 | 30,464 | 30,892 | 29,867 | 31,256 | 33,535 | 34,260 | 35,066 | 33,720 | 32,730 | 33,125 | 30,658 | 163,132 |
| Raw materlals .. | 19,479 | 18,761 | 18,599 | 17,673 | 18,987 | 19,675 | 20,003 | 19,958 | 19,948 | 19,261 | 19,702 | 16,739 |  |
| Goods in process | 2,863 | 2,760 | 2,723 | 2,656 | 2,675 | 2,852 | 2,987 | 3,033 | 3,005 | 3,138 | 3,213 | 3,053 |  |
| Finlshed products. | 8,290 | 8,943 | 9,570 | 9,538 | 9,594 | 11,008 | 11,270 | 12,075 | 10,767 | 10,331 | 10,210 | 10,866 |  |
| Sugar refineries: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments .... | 13,929 | 13,487 | 16,291 | 14,923 | 24,893 | 15,810 | 20,835 | 20,573 | 23,202 | 24,350 | 16,881 | 18,047 | 223,221 |
| Total inventory ommed | 40,874 | 40,632 | 44,943 | 47,393 | 45,559 | 45,892 | 40,269 | 34,613 | 37,981 | 57,768 | 76,812 | 76,882 |  |
| Raw materials .. | 15,337 | 14,338 | 20,122 | 22,541 | 22,022 | 23,195 | 22,451 | 19,528 | 24,757 | 31,796 | 36,652 | 29,314 |  |
| Goods in process | 563 | 957 | 1,541 | 1,549 | 1,411 | 1,973 | 1,326 | 1,410 | 1,436 | 1,817 | 2,600 | 2,517 |  |
| Finished products | 24,974 | 25,337 | 23,280 | 23,303 | 22,126 | 20,724 | 16,492 | 13,675 | 11,788 | 24,155 | 37,560 | 45,051 |  |

(1) Includes sausage and sausage casing manufacturers.
(2) Includes butter and cheese plants, pasteurizing plants, condenseries, ice cream manufacturers and process cheese manufacturers.

TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Induatries

(1) Includes sausage and sausage casing manufacturers
(2) Includes butter and cheese plants, pasteurizing plants, condenseries, ice crean manufacturers and process cheese manufacturers.

(3) Includes malt and malt products, rice mills, starch and glucose and miscellaneous food manufacturers.
(4) Includes rubber footwear manufacturers and other rubber industries.

(3) Includes malt and malt products, rice mills, starch and glucose and miscellaneous food manufacturers.
(4) Includes rubber footwear manufacturers and other rubber industries.

(3) Includes malt and malt products, tice mills, starch and glucose and miscellaneous food manufacturers.
(4) Includes rubber footwear manufacturers and other rubber industries.

(3) Includes malt and malt products, rice mills, starch and glucose and miscellaneous food manufacturers.
(4) Includes rubber footwear manufacturers and other rubber industries.

(3) Includes malt and malt products, rice mills, starch and glucose and miscellaneous food manufacturers.
(4) Includes rubber footwear manufacturers and other rubber industries.

TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual industries - Continued



TABLE 4. Estimated Value of Shipments, Orders, and Inventeries in Selected Individual Industries - Continued




(5) Includes the following: Automobile fabric accessory manufacturers, embroldery, pleating, hemstitching manufacturers and miscellaneous textiles (n.e.s.) Industry.

TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued

(5) Includes the following: Automobile fabric accessory manufacturers, embroidery, pleating, hemstitching manufacturers and miscellaneous textiles (n.e.s.) Industry.

(5) Includes the following: Automoble fabric accessory manufacturers, embroidery, pleating, hemstitching manufacturers and miscelianeous cextiles (n.e.s.) Industry.

TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued


[^5]TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued

| Industry |
| :--- |

(5) Includes the following: Automobile fabric accessory manufacturers, embroidery, pleating, hemstitching manufacturers and miscellaneous textiles (n.e.s.) Industry.

TABLE 4. Estimsted Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued

(6) Includes men's clothing factories and men's clothing contractors.
(7) Includes women's clothing factories, women's clothing contractors and children's cloching industry.


[^6](7) Includes women's elothing factories, women's clothing contractors and children's clothing induatry.

(6) Includes men's clothing factories and men's clothing contractors.
(7) Includes women's clothing factories, women's clothing contractors and children's clothing industry.

TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued


[^7]TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued

| Industry |
| :--- |

[^8](7) Includes women's clothing factories, women's clothing contractors and children's clothing industry.

(8) Includes folding boxes and set-up boxes manufacturers, corrugated boxes manufacturers and paper bag manufacturers.


[^9]TABLE 4. Estimated lalue of Shipments, Orders, and Inventories in Selected Individual Industries - Continued


[^10]TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued


[^11]| Industry |
| :--- |

[^12]TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued



TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued


| Industry | 1963 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb, | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
| METAL FABRICATING INDUSTRIES (except machinery and transportation equipment industries) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Boiler and plate work: ${ }^{\text {a }}$ ( ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ........... | 5.213 | 5,295 |  | 6,211 | 6,234 | 7,599 | 6,457 | 6,848 | 8,125 | 8,076 | 8,557 | 9,876 | 85,006 |
| Total Inventory owned | 18,136 | 18,047 | 18,307 | 18,015 | 17,799 | 17,304 | 17,229 | 17,229 | 17,735 | 16,467 | 16,562 | 17,082 |  |
| Pabricated structural metal industry: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments .......................... | 16,030 | 20,777 | 17,522 | 18,562 | 24,700 | 20,451 | 18,278 | 21,332 | 22,818 | 25,446 | 17,310 | 20,533 | 243,759 |
| New orders | 28,135 | 16,495 | 16,574 | 18,363 | 23,334 | 17,334 | 18,243 | 21,510 | 18,867 | 20,027 | 23,743 | 16,535 |  |
| Unfliled orders | 79,455 | 75,173 | 74,225 | 74,026 | 72,660 | 69,543 | 69,508 | 69,686 | 65,735 | 60,316 | 66,749 | 62,751 |  |
| Total inventory owned ..................... | 62,893 | 59,801 | 60,834 | 58,981 | 59,169 | 58,460 | 57,392 | 56,947 | 53,579 | 50,433 | 51,556 | 51,230 |  |
| Total Inventory held ....................... | 102,695 | 99,890 | 102,616 | 104,928 | 105,591 | 104,926 | 106,701 | 104,372 | 100,698 | 86,512 | 91,545 | 91,543 |  |
| Metal stampinge pressing and costing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| industry: Shipments ............................ | 27,846 | 27,237 | 29,792 | 35,080 | 40,590 | 42,619 | 41,774 | 44,271 | 46,606 | 44,216 | 37,997 | 33,289 | 451,317 |
| New orders | 30,501 | 27,230 | 30,013 | 34,358 | 41,071 | 42,922 | 42,954 | 43,594 | 46,207 | 41,059 | 36,774 | 32,617 |  |
| Unfilled orders | 26,947 | 26,940 | 27,161 | 26,439 | 26,920 | 27,223 | 28,403 | 27,726 | 27,327 | 24,170 | 22,947 | 22,275 |  |
| Total inventory owned | 70,051 | 75,114 | 79,452 | 83,389 | 85,975 | 84,118 | 87,756 | 84,538 | 79,578 | 74,940 | 71,044 | 69,970 |  |
| Raw materials | 31,189 | 33,432 | 35,498 | 37,276 | 37,506 | 35,590 | 36,996 | 36,917 | 35,635 | 33,000 | 31,659 | 30,677 |  |
| Goods in process | 14,049 | 15,344 | 16,112 | 17.346 | 17,748 | 18,439 | 19,264 | 17,524 | 15,942 | 15,365 | 14,501 | 14,583 |  |
| Finished products | 24,813 | 26,338 | 27,842 | 28,767 | 30,721 | 30,089 | 31,496 | 30,097 | 28,001 | 26,575 | 24,884 | 24,710 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments .......................... | 18,892 | 18,127 | 19,208 | 21,063 | 24,157 | 21,754 | 20,670 | 19,325 | 22,131 | 23,625 | 22,226 | 20,849 | 252,027 |
| Total inventory owned | 51,207 | 51,739 | 52,926 | 55,162 | 52,899 | 52,042 | 51,639 | 52,317 | 53,036 | 51,363 | 51,710 | 52,879 |  |
| Raw materials. | 21,665 | 21,970 | 22,086 | 23,100 | 22,527 | 22,759 | 23,068 | 23,164 | 23,530 | 22,048 | 22,649 | 23,015 |  |
| Goods in process | 3,710 | 3.617 | 3,480 | 4,026 | 3,441 | 2,909 | 3,340 | 3,293 | 3,957 | 3,781 | 3,503 | 4,291 |  |
| Finished products | 25,832 | 26,152 | 27,360 | 28,036 | 26,931 | 26,374 | 25,231 | 25,860 | 25,549 | 25,534 | 25,558 | 25,573 |  |
| Hardware, tool and cutlery manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments .................................. | 11,660 | 11,443 | 13,150 | 11,723 | 13,452 | 12,361 | 12,415 | 12,769 | 13,231 | 12,745 | 11,702 | 10,873 | 147,524 |
| New orders | 14,965 | 10,805 | 11,846 | 11,584 | 14,026 | 11,850 | 11,487 | 12,497 | 12,394 | 13,366 | 12,273 | 11,121 |  |
| Unfilled orders | 11,032 | 10,394 | 9,090 | 8,951 | 9,525 | 9,014 | 8,086 | 7,814 | 6,977 | 7,598 | 8,169 | 8,417 |  |
| Total inventory omed .................... | 30,789 | 30,741 | 30,842 | 32,215 | 32,319 | 32,322 | 31,634 | 31,471 | 30,839 | 31,439 | 31,897 | 33,044 |  |
| Raw materials .............................. | 10,134 | 10,213 | 10,517 | 10,990 | 11,030 | 11,111 | 11, 140 | 11,098 | 10,761 | 10,772 | 10,977 | 10,918 |  |
| Goods in process .................................. | 9,128 | 9,148 | 9,079 | 9,865 | 10,027 | 9,790 | 9,513 | 11,572 | $\begin{array}{r}9,499 \\ \hline 10,579\end{array}$ | -9,563 | 9,709 | 9,916 |  |
| Finished products. | 11,527 | 11,380 | 11,246 | 11,360 | 11,262 | 11,421 | 10,981 | 10,801 | 10,579 | 11,104 | 11,211 | 12,210 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ................................. | 19,449 | 18,854 | 21,032 | 20,690 | 23,743 | 24,220 | 23,781 | 21,827 | 23,164 | 25,846 | 23,035 | 20,914 | 266,555 |
| Unfilled orders ............................. | 33,788 | 36,197 | 35,825 | 35,590 | 34,805 | 33,913 | 32,940 | 31,905 | 34,249 | 32,255 | 32,084 | 30,469 |  |
| Total inventory held | 57,325 | 58,262 | 60,459 | 60,783 | 61,589 | 62,494 | 61,566 | 60,656 | 60,351 | 58,211 | 58,062 | 60,155 |  |
| Raw materials ...... | 22,984 | 23,150 | 23,132 | 23,281 | 23,373 | 24,468 | 25,087 | 23,411 | 22,560 | 21,836 | 21,713 | 22,135 |  |
| Goods in process | 16,025 | 16,317 | 18,419 | 17,695 | 18,240 | 18,907 | 18,839 | 19,657 | 20,482 | 19,305 | 19,069 | 19,782 |  |
| Finished products | 18,316 | 18,795 | 18,908 | 19,807 | 19,976 | 19,119 | 17,640 | 17,588 | 17,309 | 17,070 | 17,280 | 18,238 |  |



TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued


TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued


| Industry | 1962 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mar. | Apr. | Msy | June | July | Aug. | Sept. | Oct. | Now. | Dec. | Total |
| MACHDNERY TNDUSTRIES <br> (except electrical machinery) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Asricultural implement industry: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ... | 11,470 | 10,147 | 12,733 | 12,853 | 14,034 | 14,510 | 12,936 | 9,313 | 7,599 | 9,854 | 9,457 | 10,279 | 135,185 |
| Total inventory omed ...................... | 35,276 | 36.533 | 35,990 | 34,262 | 33,058 | 29,194 | 28,379 | 28,192 | 31,439 | 39,765 | 41,860 | 45,942 |  |
| Miscellaneous machinery and egulpment manu- |  |  |  |  |  |  |  |  |  |  |  |  |  |
| facturers and commercial refrigeration and sir conditioning equipment manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| gir conditioning equipment manufacturers: Shipwents ............................................ | 29,179 | 31,890 | 40,647 | 40,964 | 45,598 | 43,689 | 38,050 | 40,797 | 41,903 | 41,578 | 43,268 | 40,700 | 478,263 |
| New orders ................................ | 38,531 | 39,265 | 52,362 | 38,414 | 49,378 | 44,549 | 35,093 | 37,745 | 34,629 | 35,845 | 39,778 | 49,953 |  |
| Unfilled orders. | 174,474 | 181,849 | 193,564 | 191,014 | 194,794 | 195,654 | 192,697 | 189,645 | 182,371 | 176,638 | 173,148 | 182,401 |  |
| Total inventory owned | 126,650 | 127,492 | 130,743 | 128, 333 | 127,790 | 128,544 | 128,732 | 129,575 | 130,352 | 133,341 | 135,006 | 143,395 |  |
| Total inventory held | 153,259 | 156,943 | 162,071 | 162,770 | 165,275 | 169,197 | 172,660 | 175.344 | 178,004 | 182,590 | 176,268 | 176,029 |  |
| Raw materfals ..... | 44,684 | 45,466 | 45,462 | 46,063 | 46,418 | 46,162 | 46,536 | 47,767 | 47,787 | 48,753 | 48,523 | 49,724 |  |
| Goods in process ......................... | 64,332 | 66,458 | 70,290 | 71,034 | 73,816 | 78,432 | 82,727 | 83,798 | 85,686 | 88,111 | 81,701 | 77,878 |  |
| Finished products ......................... | 44,243 | 45,019 | 46,319 | 45,673 | 45,041 | 44,603 | 43,397 | 43,779 | 44,531 | 45,726 | 46,044 | 48,427 |  |
| Office and store machinery manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ................................. | 7,643 | 6,439 | 9,139 | 8,763 | 8,402 | 7,244 | 6,670 | 8,677 | 6,437 | 6,734 | 9,835 | 8,761 | 94,744 |
| Total inventory owned | 35,506 | 37,586 | 37,807 | 37,503 | 36,877 | 37,049 | 39,221 | 37,988 | 40,170 | 40,701 | 45,116 | 37,179 |  |
| Raw materials | 14,357 | 14,645 | 13,952 | 14,155 | 12,951 | 12,510 | 13,510 | 14,143 | 13,500 | 13,538 | 18,762 | 14,130 |  |
| Goods in process | 8,086 | 8,603 | 7,751 | 8,063 | 7,255 | 7,404 | 6,705 | 6,822 | 8,117 | 9,398 | 10,493 | 8,693 |  |
| Finished products ........................ | 13,063 | 14,338 | 16,104 | 15,285 | 16,671 | 17,135 | 19,006 | 17,023 | 18,553 | 17,765 | 15,861 | 14,356 |  |
| TRANSPORTATION EQUIPYENT INDUSTRIES |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipoents ..... | 94,886 | 94,055 | 107,953 | 107.751 | 133,246 | 120,595 | 80,831 | 26,644 | 65,658 | 111,314 | 125,279 | 117,424 | 1,185,636 |
| Total inventory owned | 93,735 | 94,342 | 96,309 | 97,127 | 94,919 | 85,951 | 70,403 | 87, 191 | 101,057 | 105,496 | 104,488 | 105,112 |  |
| Raw materlals ...... | 11,495 | 12,094 | 12,710 | 13,199 | 12,411 | 11,043 | 10,597 | 11,462 | 13,216 | 14,566 | 13,959 | 13,762 |  |
| Goods in process | 56,071 | 55,120 | 56,566 | 56,299 | 55,523 | 48,507 | 33,441 | 52,971 | 59,914 | 62,659 | 63,853 | 66,877 |  |
| Finished products | 26,169 | 27,128 | 27,033 | 27,629 | 26,985 | 26,401 | 26,365 | 22,758 | 27,927 | 28,271 | 26,676 | 24,473 |  |
| Motor vehicle parts and accessordes manu- |  |  |  |  |  |  |  |  |  |  |  |  |  |
| facturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 31,010 32,650 | 29,988 30,656 | 33,718 37,560 | 33,769 26,811 | 37,266 25,894 | 34,718 30,088 24,88 | 20,568 27,903 | 14,616 24,787 | 25,189 30,059 | 36,253 41,540 | 40,788 45,086 | 36,989 37,555 | 374,872 |
| Unfilled orders | 43,268 | 43,936 | 47,778 | 40,820 | 29,448 | 24,818 | 32,153 | 42,324 | 47,194 | 51,581 | 45,086 56,779 | 37,545 |  |
| Total inventory owned | 65,547 | 64,869 | 63,806 | 63,004 | 60,524 | 56,249 | 56,714 | 66,269 | 71,027 | 72,115 | 73,742 | 77,005 |  |
| Raw materisis ..... | 21,129 | 20,401 | 19,661 | 19,386 | 18,689 | 16,923 | 17,141 | 20,100 | 22,203 | 23,297 | 23,155 | 25,033 |  |
| Goods in process | 29,281 | 29,081 | 29,230 | 29,723 | 27,662 | 24,987 | 24,931 | 30,980 | 32,938 | 32,092 | 34,237 | 34,784 |  |
| Finlshed products | 15,137 | 15,387 | 14,915 | 13,895 | 14,173 | 14,339 | 14,642 | 15,189 | 15,886 | 16,726 | 16,350 | 17,188 |  |

TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued




| Industry | 1961 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mar. | Apr. | May | June | July | Ang. | Sept. | Oct. | Nov. | Dec. | Total |
|  |  |  |  |  |  | thousa | ds of do |  |  |  |  |  |  |
| $\begin{aligned} & \text { TRANSPORTATION EQUIPMENT } \\ & \text { INDUSTRIES - Concluded } \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rallroad rollins stock industry: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 14,167 | 13,725 | 13,991 | 13,706 | 15,236 | 16,241 | 14,756 | 16,424 | 17,198 | 15,542 | 17,376 | 14,832 | 183,194 |
| New orders . . . . . . . . . . . . . . . . . . . . . . . . . | 13,687 | 18, 147 | 14,652 | 23,192 | 19,034 | 19,601 | 14,257 | 12,699 | 15,372 | 13,208 | 28,440 | 15,458 |  |
| Unf1lled orders ............................. | 13,312 | 17,734 | 18,395 | 27,881 | 31,679 | 35,039 | 34,540 | 30,815 | 28,989 | 26,655 | 37,719 | 38,345 |  |
| Totel inventory held ...................... | 33,777 | 33,145 | 34,118 | 35,183 | 36,172 | 39,181 | 40,870 | 39,987 | 40,804 | 38,791 | 36,817 | 38,116 |  |
| Raw materials | 27,535 | 26,612 | 26,983 | 27,515 | 27,095 | 26,757 | 27,901 | 27,668 | 29,151 | 27,996 | 26,655 | 27,478 |  |
| Goods in process and finished products ... | 6,242 | 6,533 | 7,135 | 7,668 | 9,077 | 12,424 | 12,969 | 12,319 | 11,653 | 10,795 | 10,162 | 10,638 |  |
| Shipbuilding and repait: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ..................................... | 9,770 | 6,867 | 10,249 | 10, 285 | 9,601 | 9,574 | 16,223 | 10,921 | 10,128 | 12,065 | 11,909 | 19,077 | 136,669 |
| New orders | 9,305 | 11,280 | 8,664 | 7,434 | 14,880 | - 398 | 7,127 | 10,133 | 8,000 | 8,717 | 8,631 | 15,539 |  |
| Unfilled orders | 104,316 | 108,729 | 107,144 | 104,293 | 109,572 | 99,600 | 90,504 | 89,716 | 87,588 | 84,240 | 80,962 | 77,424 |  |
| Total inventory held | 75,954 | 87,146 | 91,551 | 88,693 | 85,545 | 88,479 | 87,468 | 82,587 | 81,629 | 80,815 | 84, 282 | 83,409 |  |
| Raw materials ......................... | 13,566 | 13,277 | 13,279 | 13,442 | 13,361 | 12,899 | 13,021 | 12,977 | 12,743 | 12,687 | 12,736 | 13,044 |  |
| Goods in process and finished products ... | 62,388 | 73,869 | 78,272 | 75,251 | 72,184 | 75,580 | 74,447 | 69,610 | 68,886 | 68,12B | 71,546 | 70,365 |  |
| ELECTRICAL PRODUCTS DNDUSTRIES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Manufacturers of small electrical |  |  |  |  |  |  |  |  |  |  |  |  |  |
| appliances: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ......... |  |  |  |  |  |  |  |  |  |  |  |  | 64,856 |
| Total inventory owned | 17,263 | 17,490 | 18,313 | 17,922 | 18,092 | 18,595 | 17,533 | 17,469 | 16,144 | 16,352 | 16,231 | $16,246$ |  |
| Manufacturers of malor appldances (electric |  |  |  |  |  |  |  |  |  |  |  |  |  |
| and non-electric): |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments | 15,537 | 15,363 | 17,022 | 16,631 | 17,600 | 18,728 | 16,442 | 20,014 | 19,768 | 16,837 | 17,778 | 14,490 | 206,210 |
| New orders ................................... | 17,392 | 13,796 | 17,167 | 16,459 | 17,432 | 18, 770 | 17,113 | 18,374 | 18,629 | 15,251 | 19,680 | 13,610 |  |
| Unfilled orders ............................. | 6,922 | 5,355 | 5,500 | 5,328 | 5,160 | 5,202 | 5,873 | 4,233 | 3,094 | 1,508 | 3,410 | 2,530 |  |
| Total inventory owned ...................... | 54,283 | 54,772 | 55,833 | 55,955 | 56, 146 | 56,264 | 53,515 | 50,788 | 49,944 | 51,448 | 52,440 | 55,248 |  |
| Raw materials... | 17,015 | 17,128 | 16,611 | 15,949 | 15,744 | 14,997 | 14,933 | 15,529 | 15,076 | 15,918 | 15,605 | 16,426 |  |
| Goods in process . ............................ | 10,061 | 10,533 | 10,681 | 10,815 | 10,800 | 10,712 | 10,600 | 10,836 | 10,865 | 10,785 | 11,014 | 11,753 |  |
| Finished products .......................... | 27,207 | 27,111 | 28,541 | 29,191 | 29,602 | 30,555 | 27,982 | 24,423 | 24,003 | 24,745 | 25,821 | 27,069 |  |
| Manufacturers of household radio and |  |  |  |  |  |  |  |  |  |  |  |  |  |
| television receivers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments . ..................................... | 8,346 | 8,607 | 7,664 | 6,397 | 6,615 | 7,682 | 8,048 | 10,591 | 14, 287 | 14,621 | 13,825 | 11,873 | 118,556 |
| New orders . ................................ | 4,489 | 7,191 | 17,135 | 5,147 | 3,086 | 4,753 | 9,418 | 10,690 | 12,109 | 13,854 | 15,538 | 15,934 |  |
| Unfelled orders ........................... | 26,384 | 24,968 | 34,439 | 33,189 | 29,660 | 26,731 | 28,101 | 28,200 | 26,022 | 25,255 | 26,968 | 31,029 |  |
| Total Inventory held ....................... | 34,319 | 35,296 | 33,823 | 33,886 | 35, 104 | 37,226 | 36,411 | 36,984 | 35,816 | 36,917 | 35,211 | 37,429 |  |
| Raw materials .............................. | 6,395 | 6,163 | 6,032 | 6,397 | 6,434 | 7,118 | 7,215 | 7,534 | 6,853 | 7,184 | 7,251 | 7,615 |  |
| Goods in process | 9,001 | 9,864 | 7,941 | 7,540 | 8,227 | 8,426 | 8,608 | 9,501 | 9,304 | 10,051 | 8,688 | 9,682 |  |
| Finished products | 18,923 | 19,269 | 19,850 | 19,949 | 20,443 | 21,682 | 20,588 | 19,949 | 19,659 | 19,682 | 19,272 | 20,132 |  |

Table 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries = Continued

| Industry | 1962 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. |  | Mar. |  | May | June |  | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|  |  |  |  |  |  | thousa | ds of do | lars |  |  |  |  |  |
| TRANSPORTATION EQUIPMENT INDUSTRIES - Concluded |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Roilrosd rolling stock tndustry: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sh1pments . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 16,564 20,315 | 16,589 26,043 | 18,203 20,251 | 16,491 23,233 | 18,866 22,072 | 20,745 23,677 | 18,868 19,818 | 16,333 12,438 |  | 25,467 15,484 | 18,415 17,237 | 22,700 17,579 | 227,793 |
| Unfliled order | 42,096 | 51,550 | 53,598 | 60,340 | 63,546 | 66,478 | 67,428 | 63,533 | 57,057 | 47,074 | 45,896 | 40,775 |  |
| Total Inventory held | 40,343 | 39,558 | 41,814 | 45,619 | 48,255 | 50,350 | 51,180 | 55,224 | 56,691 | 52,124 | 51,412 | 45,874 |  |
| Rew meterials...... | 29,525 | 28,404 | 29,249 | 30,416 | 31,525 | 33,040 | 33,758 | 35,422 | 34,462 | 34,019 | 33,520 | 30,527 |  |
| Goods in process and finished products ... |  |  | 12,565 | 15,203 | 16,730 | 17,310 | 17,422 | 19,802 | 22,229 | 18,105 | 17,892 | 15,347 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments . . . . . . . . . . | 7,955 5,855 | 8,964 24,989 | 12,413 8,974 | 11,616 17,608 | 13,878 6,983 | 16,739 19,787 | 14,036 24,747 | 17,954 14,205 | 12,715 11,023 | 16,196 12,980 | 18,645 12,153 | 20,273 15,612 | 171,384 |
| Unfllled orders | 75,324 | 91,349 | 87,910 | 93,902 | 87,007 | 90,055 | 100,766 | 97,017 | 95,325 | 92,109 | 85,617 | 80,956 |  |
| Total invertory held | 78,402 | 83,621 | 86,634 | 90,246 | 97,190 | 101,761 | 112,608 | 113,370 | 115,396 | 114,063 | 116,150 | 121,377 |  |
| Raw materials | 13,061 | 13,317 | 13,018 | 13,396 | 14,410 | 14,639 | 14,417 | 13,648 | 13,188 | 12,591 | 12,301 | 12,589 |  |
| Goods in process and finished products |  |  |  |  |  |  |  |  |  |  | 103,849 | 108,788 |  |
| ELECTRICAL PRODUCTS INDUSTRIES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Manufacturers of small electrical |  |  |  |  |  |  |  |  |  |  |  |  |  |
| appliances: | 4,416 | 5,003 | 6,005 | 10,759 | 5,662 | 5,716 | 4,971 | 5,001 | 9,233 | 10,060 | 8,720 | 7,457 | 83,003 |
| Total Inventory owned | 15,974 | 16,750 | 17,620 | 17,591 | 18,053 | 18,444 | 18,919 | 18,535 | 18,509 | 18,213 | 18,462 | 18,737 |  |
| Manufacturers of mator appliances (electric |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { and non-electrtc): } \\ & \text { Shipments ........ } \end{aligned}$ | 13,625 | 14,727 | 17,226 | 16,400 | 18,256 | 18,635 | 17,647 | 18,775 | 20,305 | 19,369 | 18,945 | 14,793 | 208,703 |
| Shipments orders ..... | 15,377 | 14,102 | 17,057 | 16,141 | 19,225 | 18,355 | 18,228 | 18,118 | 19,593 | 18,951 | 19,225 | 14,560 |  |
| Unfllled orders | 4,282 | 3,657 | 3,488 | 3,229 | 4,198 | 3,918 | 4,499 | 3,842 | 3,130 | 2,712 | 2,992 | 2,759 |  |
| Total inventory owned | 59,242 | 61,654 | 63,085 | 64,270 | 63,666 | 62,451 | 59,510 | 57,688 | 55,055 | 56,400 | 57,301 | 57,790 |  |
| Raw materials ...... | 17,433 | 17,660 | 17,967 | 17,825 | 17,204 | 16,808 | 16,584 | 16,956 | 17,028 | 17,102 | 16,406 | 15,811 |  |
| Goods in process | 12,918 | 13,503 | 13,520 | 13,434 | 13,511 | 12,794 | 12,475 | 12,807 | 11,931 | 11,862 | 12,292 | 11,948 |  |
| Findshed products .......................... | 28,891 | 30,491 | 31,598 | 33,011 | 32,951 | 32,849 | 30,451 | 27,925 | 26,096 | 27,436 | 28,603 | 30,031 |  |
| Manufacturers of household radio and |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Selevision receivers: |  |  |  |  |  |  |  |  |  |  |  |  | 115,052 |
| Shipments ....................................................................... | 9,158 6,605 | 9,929 6,160 | 9,589 10,320 | 7,261 | 7,597 5,670 | 7,846 4,512 | 6,680 | 9,021 8,165 | 13,178 10,551 | 12,949 14,022 | 11,127 | 9,546 | 115,052 |
| Unfilled orders | 28,476 | 24,707 | 25,438 | 23,257 | 21,330 | 17,996 | 17,562 | 16,706 | 14,079 | 15,152 | 14,334 | 14,415 |  |
| Total inventory held | 38,373 | 39,629 | 37,893 | 39,730 | 41,827 | 44,181 | 45.811 | 47,059 | 45,584 | 44.877 | 43,854 | 43,898 |  |
| Raw materiala ...... | 7,561 | 7,841 | 7,040 | 6,669 | 7,118 | 6,853 | 7,605 | 7,953 | 7,629 | 6,787 | 7,406 | 7,536 |  |
| Goods in process | 9,954 | 11,011 | 8,524 | 8,243 | 9,679 | 9,587 | 10,263 | 11,613 | 11,290 | 11,840 | 11,108 | 10,788 |  |
| Finished products | 20,858 | 20,277 | 22,329 | 24,818 | 25,030 | 27,741 | 27,943 | 27,485 | 26,665 | 26,250 | 25,340 | 25,574 |  |



TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued

| Industry |
| :--- |



TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued



TABLE 4. Estimated Value of Shipments, Orders, and Inventories in Selected Individual Industries - Continued


| Industry |
| :--- |



[^13](10) Includes petroleum refining and manufacturers of lubricating ofis and greases.

| Industry | 1961 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
| thousands of dollars |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NON-METALLIC MINERAL PRODUCTS INDUSTRIES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cement and concrete products manu- |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total inventory owned ..................... | 43,852 | 45,313 | 45,510 | 46,815 | 46,192 | 44,952 | 44,731 | 42,979 | 43,959 | 44, 120 | 45,402 | 46,346 |  |
| Raw materials and goods in process ....... Finished products ...................... | 25,302 | 25,760 | 25,786 | 25,422 | 25,363 | 24,129 | 23,990 | 23,741 | 24,368 | 25,241 | 25,702 | 26,133 |  |
| Finished products ......................... | 18,550 | 19,553 | 19,724 | 21,393 | 20,829 | 20,823 | 20,741 | 19,238 | 19,591 | 18,879 | 19,700 | 20,213 |  |
| Asbestos products manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ..................... | 2,259 | 2,267 | 2,354 | 2,559 | 3,403 | 3,860 | 3,081 |  |  |  |  |  | 35,734 |
| Total inventory owned | 8,568 | 8,953 | 9,516 | 9,730 | 9,607 | 9,051 | 9,182 | 8,799 | 8,728 | 9,251 | 9,472 | 10,093 | 35,734 |
| Glass and slass products manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments .......................... | 9,280 | 8,041 | 8,366 | 9,176 | 9,227 | 12,388 | 10, 069 | 8,623 | 9,200 | 9,686 | 10,849 | 9,252 | 113,157 |
| Total inventory owned ...................... | 21,994 | 22,459 | 21,462 | 21,016 | 21,182 | 20,542 | 21,175 | 21,564 | 21,824 | 22,536 | 23,021 | 24,158 | 1.3, 15 |
| Raw materials $\qquad$ <br> Goods in process and finished | 10,223 | 10,026 | 8,658 | 8,151 | 8,064 | 8,261 | 8,808 | -9,183 | 9,338 | $\begin{array}{r}\text { 2, } \\ \hline\end{array}$ | 9,409 | 9,761 |  |
| products $\qquad$ | 11,771 | 12,433 | 12,804 | 12,865 | 13,118 | 12,281 | 12,367 | 12,381 | 12,486 | 13,118 | 13,612 | 14,397 |  |
| Abrasives manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shippents | 3,716 | 3,453 | 3,727 | 2,912 | 3,215 | 3,996 | 2,960 | 3,979 | 3,773 | 3,746 | 3,561 | 3,905 | 42,943 |
| New orders ..................................... | 3,498 | 3,497 | 3,564 | 2,910 | 3,326 | 3,917 | 3,028 | 4,152 | 3,637 | 3,758 | 3,888 | 3,485 | 42,943 |
| Unfilled orders ............................. | 1,217 | 1,261 | 1,098 | 1,096 | 1,207 | 1,128 | 1,196 | 1,369 | 1,233 | 1,245 | 1,572 | 1,152 |  |
| Total inventory owned ...................... | 8,020 | 8,418 | 8,276 | 8,617 | 8,433 | 8,036 | 8,305 | 7,821 | 7,913 | 7,796 | 7,898 | 8,413 |  |
| Raw materials and goods in process ........ Finished products ........................ | 5,191 | 5,531 | 5,349 | 5,472 | 5,185 | 5,116 | 5,283 | 5,024 | 5,085 | 4,826 | 4,881 | 5,390 |  |
| Finished products .......................... | 2,829 | 2,887 | 2,927 | 3,145 | 3,248 | 2,920 | 3,022 | 2,797 | 2,828 | 2,970 | 3,017 | 3,023 |  |
| PETROLEUM AND COAL PRODUCTS INDUSTRIES |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments .......... | 98,101 | 87,521 | 91,238 | 89,597 | 102,898 | 99, 087 | 100, 840 | 103,052 | 99,138 | 105,530 | 111,083 | 113,531 | 1,201,616 |
| Total inventory owned | 195, 197 | 198,670 | 197, 158 | 204,164 | 204,643 | 202,632 | 195,322 | 198,089 | 200,529 | 199,391 | 193,448 | 196,474 |  |
| Raw materials ..... | 58,477 | 58,371 | 56,056 | 58,315 | 58,981 | 58,296 | 56,470 | 57,969 | 59,906 | 61,630 | 60,532 | 60,510 |  |
| Goods in process | 21,063 | 20,517 | 18,959 | 18,539 | 20,861 | 20,050 | 22,730 | 19,369 | 20,564 | 19,869 | 20,533 | 21,269 |  |
| Finished products . . . . . . . . . . . . . . . . . . . . | 115,657 | 119,782 | 122,143 | 127,310 | 124,801 | 1124,286 | 116, 122 | 120,751 | 120,059 | 117,892 | 112,383 | 114,695 |  |

(9) Includes cement manufacturers, concrete products manufacturers and ready-mix concrete manfacturers.
(10) Includes petroleum refining and manufacturers of lubricating oils and greases.

TABLE 4. Estimated Value of Shipwents, Orders, and Inventories in Selected Individusi Industries - Continued

| Industry | 1962 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | sept. | Oct. | Nov. | Dec. | Total |
|  | thousands of dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| NON-METALLIC MINERAL PRODUCTS TNDUSTRIES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cement and concrete products manu- |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\frac{\text { facturers: }}{\text { Shipments }}{ }^{(9)}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ..................................................... | 12,944 | 13,475 49,214 | 21,264 49,100 | 24,491 48,957 | 37,843 47,179 | 42,770 45,748 | 41,304 43,852 | 46,434 40,132 | 38,979 40,023 | 40,901 40,835 | 33,336 41,118 | 18,925 45,289 | 372,666 |
| Raw materisis and goods in process ........ | 25,865 | 25,348 | 25,326 | 25,245 | 24,857 | 24,408 | 23,913 | 23,239 | 23,102 | 24,283 | 24,521 | 25,011 |  |
| Finished products ......................... | 21,609 | 23,866 | 23,774 | 23,712 | 22,322 | 21,340 | 19,939 | 16,893 | 16,921 | 16,552 | 16,597 | 20,278 |  |
| Asbestos products menufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ..................... |  |  |  |  |  |  |  |  |  | 3,323 |  |  | 37,670 |
| Total Inventory owned ....................... | 10,076 | 10,469 | 10,848 | 10,840 | 10,575 | 10,599 | 10,201 | 10,010 | 9,983 | 9,922 | 9,750 | 9,964 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments | 8,164 | 8,971 | 10,302 | 9,838 | 10,609 | 11,249 | 9,778 | 7,903 | 7,471 | 8,905 | 9,534 | 9,390 | 112,114 |
| Total inventory owned .................... | 25,561 | 26,351 | 25,269 | 25,192 | 24,705 | 22,956 | 22,090 | 23,510 | 23,265 | 23,937 | 24,541 | 25,046 |  |
| Raw materlals ............................. | 9,782 | 10,315 | 10,530 | 10,492 | 10,647 | 9,965 | 10,329 | 10,557 | 10,511 | 10,811 | 11,286 | 11,485 |  |
| Goods in process and finished products | 15,779 | 16,036 | 14,739 | 14,700 | 14,058 | 12,991 | 11,761 | 12,953 | 12,754 | 13,126 | 13,255 | 13,561 |  |
| Abrasives manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ................................... | 4,075 | 3,607 | 3,985 | 3,617 | 3,816 | 4,076 | 3,566 | 4,012 | 3,678 | 3,928 | 3,674 | 3,502 | 45,536 |
| New orders . . . . . . . . . . . . . . . . . . . . . . . . ... | 4,046 | 4,012 | 3,803 | 3,552 | 4,266 | 3,768 | 3,362 | 4,299 | 3,412 | 4,238 | 3,882 | 3,280 |  |
| Unfilled orders | 1,123 | 1,528 | 1,346 | 1,281 | 1,731 | 1,423 | 1,219 | 1,506 | 1,240 | 1,550 | 1,758 | 1,536 |  |
| Total inventory owned ..................... | 8,531 | 8,451 | 8,814 | 8,912 | 9,133 | 8,890 | 8,969 | 8,876 | 9,107 | 9,168 | 9,011 | 9,839 |  |
| Raw materials and goods in process | 5,369 | 5,089 | 5,291 | 5,274 | 5,253 | 5,056 | 4,995 | 5,220 | 5,332 | 5,253 | 5,385 | 5,568 |  |
| Pinished products .......................... | 3,162 | 3,362 | 3,523 | 3,638 | 3,880 | 3,834 | 3,974 | 3,656 | 3,775 | 3,915 | 3,626 | 4,271 |  |
| PETROLEUM AND COAL PRODUCTS INDUSTRIES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Petroleum refineries: (10) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ............. | 109,798 | 97,957 | 104,824 | 95,737 | 111,769 | 106,850 | 109,550 | 113,610 | 111,995 | 119,705 | 122,647 | 121,273 | 1,325,715 |
| Total inventory owned ..................... | 199,553 | 199,240 | 206,990 | 213,815 | 211,415 | 209,774 | 215,023 | 214,835 | 211,360 | 208,632 | 207,836 | 206,454 |  |
| Raw materials .... | 62,700 | 59,159 | 58,155 | 62,678 | 65,862 | 64,265 | 67,943 | 67,121 | 61,179 | 62,570 | 66,828 | 65,407 |  |
| Goods in process | 20,137 | 20,804 | 20,947 | 20,016 | 19,852 | 21,643 | 22,376 | 22,716 | 22,841 | 20,144 | 20,471 | 20,083 |  |
| Finished products | 116,716 | 119,277 | 127,888 | 131,121 | 125,701 | 123,866 | 124,704 | 124,998 | 127,340 | 125,918 | 120,537 | 120,964 |  |

(9) Includes cement manufacturers, concrete products manufacturers and ready-mix concrete manufacturers.
(10) Includes petroleum refining and manufacturers of lubricating oils and greases.

(9) Includes cement manufacturers, concrete products manufacturers and ready-mix concrete manufacturers.
(10) Includes petroleum refining and manufacturers of lubricating ofls and greases.


[^14](10) Includes petroleum refining and manufacturers of lubricating ofls and greases.





| Industry |
| :--- |

TABLE 4. Estimated lalue of Shipments, Orders, snd Inventories in Selected Individual Industries - Concluded

(11) Includes instrument and related products manufacturers, clock and watch manufacturers, orthopedic and surgical appliance manufacturers, ophthalmic goods manufacturers and dental laboratories.

TABLE 4. Estimated Vaive of Shipments, Orders, and Inventories in Selected Individual Industries - Concluded

(11) Includes instrument and related products manufacturers, clock and watch manufacturers, orthopedic and surgical appliance manufacturers, ophthalmic goods manufacturers and dentel laboratories.

TABLE 4. Estimated Yaiue of Shipments, Orders, and Inventories in Selected Individual Industries - Concluded

| Industry |
| :--- |


| Industry |
| :--- |

(11) Includes inserument and related products manufacturers, clock and watch manufacturers, orthopedic and surgical appliance manufacturers, ophthalmic goods manufacturers and dental laboratories.


TABLE 5. Ratios of Value of Total Inventory Owned to Value of Shipraents grouped according to the Standard Industrial Classification


TABLE S. Ratios of Value of Finished Products Inventory to Value of Shipments grouped according to the Standard Industrial Classification

| Date | Major group number |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Tota 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1960 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jen. | 0.77 | 0.53 | 0.63 | 2.44 | 1.04 | 1.36 | 1.69 | 0.90 | 1.28 | 0.61 | 0.47 | 0.52 | 0.88 | 1.31 | 0.32 | 1.40 | 1.34 | 1.29 | 0.98 | 1.02 |
| Feb. | 0.77 | 0.48 | 0.57 | 2.43 | 0.94 | 1.30 | 1.54 | 0.74 | 1.26 | 0.54 | 0.50 | 0.54 | 0.88 | 1.10 | 0.34 | 1.36 | 1.32 | 1.49 | 0.97 | 0. 92 |
| Mar. | 0.72 | 0.45 | 0.62 | 2.23 | 0.87 | 1.24 | 1.42 | 0.67 | 1.20 | 0.50 | 0.50 | 0.56 | 0.83 | 0.95 | 0.28 | 1.26 | 1.20 | 1.44 | 0.89 | 0.87 |
| Apr. | 0.77 | 0.44 | 0.82 | 2.46 | 1.05 | 1.36 | 1.76 | 0.74 | 1.38 | 0.56 | 0.48 | 0.64 | 0.87 | 1.02 | 0.31 | 1.43 | 1.23 | 1.43 | 0.88 | 1.01 |
| May | 0.73 | 0.39 | 0.76 | 2.47 | 1.33 | 1.34 | 1.94 | 0.84 | 1.16 | 0.53 | 0.47 | 0.62 | 0.80 | 1.04 | 0.30 | 1.45 | 0.98 | 1.29 | 0.76 | 0.99 |
| June | 0.71 | 0.37 | 0.57 | 2. 30 | 1.33 | 1.30 | 1.97 | 1.08 | 1.02 | 0, 53 | 0.43 | 0,68 | 0.75 | 0.97 | 0.32 | 1.33 | 0.81 | 1.30 | 0.81 | 0.92 |
| July | 0.78 | 0.39 | 0.41 | 2.40 | 1.47 | 1.50 | 1.64 | 1.12 | 1.19 | 0.62 | 0.46 | 0.73 | 0.77 | 1.21 | 0.47 | 1.50 | 0.83 | 1,33 | 1.03 | 1,02 |
| Aug. | 0.72 | 0.41 | 0.47 | 2.16 | 0.77 | 1.26 | 1.26 | 0.61 | 1.08 | 0.43 | 0.43 | 0.67 | 0.65 | 1.18 | 0.56 | 1.35 | 0.75 | 1.33 | 0.89 | 0.84 |
| Sept. | 0.69 | 0.48 | 0.44 | 1.94 | 0.73 | 1.15 | 1.04 | 0.58 | 1.10 | 0.42 | 0.41 | 0.68 | 0.61 | 1.11 | 0.46 | 0.99 | 0.71 | 1,30 | 0.80 | 0.75 |
| Oct. | 0.72 | 0.53 | 0.59 | 1.95 | 0.81 | 1.18 | 1.06 | 0.63 | 1.17 | 0.45 | 0.42 | 0.69 | 0.65 | 1.25 | 0.38 | 1.08 | 0.74 | 1.31 | 0.88 | 0.75 |
| Nov. | 0.70 | 0.52 | 0. 51 | 2.12 | 1.01 | 1.21 | 1.06 | 0.71 | 1.15 | 0.44 | 0.38 | 0.66 | 0.71 | 1.18 | 0.32 | 1.05 | 0.82 | 1.21 | 0.94 | 0.75 |
| Dec, | 0.78 | 0.54 | 0.38 | 2.49 | 1.28 | 1.33 | 1.45 | 1.12 | 1.34 | 0.55 | 0.43 | 0.83 | 0.82 | 1.16 | 0.27 | 1.21 | 1.17 | 1.15 | 1,18 | 0.88 |
| Avr. | 0.74 | 0.46 | 0.56 | 2.28 | 1.05 | 1.29 | 1.49 | 0.81 | 1. 19 | 0.52 | 0.45 | 0.65 | 0.77 | 1.12 | 0.36 | 1.28 | 0.99 | 1.32 | 0.92 | 0.89 |
| 1961 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jan. | 0.82 | 0.56 | 0.57 | 2.84 | 1.00 | 1.26 | 1.55 | 0.96 | 1.31 | 0.64 | 0.49 | 0.78 | 0.88 | 1.35 | 0.41 | 1. 33 | 1.31 | 1.19 | 1.01 | 0.97 |
| Feb. | 0.84 | 0.53 | 0.56 | 2.61 | 0.82 | 1.30 | 1.42 | 0.76 | 1.35 | 0.56 | 0.55 | 0.85 | 0.89 | 1.22 | 0.42 | 1. 30 | 1.41 | 1,38 | 1.10 | 0.89 |
| Mar. | 0.77 | 0.47 | 0. 58 | 2.30 | 0.69 | 1.16 | 1.39 | 0.69 | 1.20 | 0.52 | 0.54 | 0.80 | 0.79 | 1.16 | 0.38 | 1.24 | 1.22 | 1.35 | 0.98 | 0.81 |
| Apr. | 0.81 | 0.46 | 0.77 | 2.33 | 0.85 | 1.28 | 1.69 | 0.83 | 1.28 | 0.55 | 0.52 | 0.88 | 0.83 | 1.02 | 0.39 | 1.48 | 1.19 | 1.43 | 0.99 | 0.89 |
| May | 0.73 | 0.40 | 0.78 | 2.25 | 0.99 | 1.18 | 1.79 | 0.89 | 1.02 | 0.51 | 0.48 | 0.77 | 0.74 | 1.03 | 0.35 | 1.38 | 0.90 | 1.21 | 0.84 | 0.90 |
| June | 0.71 | 0.39 | 0.73 | 2.10 | 1.06 | 1.09 | 1.82 | 1.08 | 0.89 | 0.55 | 0.47 | 0.77 | 0.68 | 1.04 | 0.34 | 1.28 | 0.77 | 1.25 | 0.86 | 0.81 |
| July | 0.76 | 0.40 | 0.63 | 2.40 | 1.10 | 1.23 | 1.41 | 1.08 | 1.01 | 0.59 | 0.52 | 0.78 | 0.73 | 1.15 | 0.44 | 1.47 | 0.82 | 1.15 | 1.08 | 0.86 |
| Aug. | 0.70 | 0.41 | 0,60 | 2.19 | 0.64 | 1.09 | 1.09 | 0.60 | 0.93 | 0.42 | 0.45 | 0.69 | 0.59 | 1.23 | 0.59 | 1.23 | 0.73 | 1.16 | 0.98 | 0.74 |
| Sept. | 0.60 | 0.49 | 0. 58 | 1.82 | 0.66 | 0.99 | 0.98 | 0.60 | 0.99 | 0.43 | 0.46 | 0.66 | 0.54 | 1.25 | 0.41 | 1.03 | 0.81 | 1.21 | 0.93 | 0.70 |
| Oct. | 0.69 | 0.51 | 0.75 | 1,61 | 0.72 | 0.97 | 0.92 | 0.61 | 1.05 | 0.43 | 0.45 | 0,67 | 0.59 | 1.46 | 0.37 | 1. 13 | 0.80 | 1,11 | 0.94 | 0.67 |
| Nov. | 0.69 | 0.51 | 0.75 | 1.83 | 0.86 | 1.01 | 0.90 | 0.74 | 1.08 | 0.43 | 0.41 | 0.71 | 0.59 | 1.24 | 0.32 | 1.13 | 0.91 | 1.01 | 1.01 | 0.71 |
| Dec. | 0.78 | 0.55 | 0.50 | 2.25 | 1.16 | 1.11 | 1.33 | 1.14 | 1.35 | 0.50 | 0.47 | 0.82 | 0.77 | 1.23 | 0.30 | 1.28 | 1.30 | 1.01 | 1.20 | 0.79 |
| Avr. | 0.75 | 0.47 | 0.65 | 2.21 | 0.88 | 1.14 | 1.36 | 0.83 | 1.12 | 0.51 | 0.48 | 0.77 | 0.72 | 1.20 | 0. 39 | 1.27 | 1.01 | 1.21 | 0.99 | 0.81 |
| 1962 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jan. | 0.80 | 0.55 | 0.58 | 2.50 | 0.97 | 1.10 | 1.35 | 0.94 | 1.17 | 0.57 | 0.53 | 0.75 | 0.80 | 1.43 | 0.35 | 1.54 | 1.56 | 1.06 | 1. 12 | 0.90 |
| Peb. | 0.84 | 0.55 | 0.56 | 2.46 | 0.90 | 1.15 | 1.35 | 0.80 | 1.20 | 0.53 | 0.63 | 0.87 | 0.90 | 1.46 | 0.36 | 1.50 | 1.64 | 1.21 | 1.21 | 0.88 |
| Mar. | 0.75 | 0.46 | 1.04 | 2.22 | 0.80 | 1.07 | 1.34 | 0.68 | 1.05 | 0.48 | 0.52 | 0.78 | 0.71 | 1.18 | 0.31 | 1,40 | 1. 19 | 1.22 | 1.07 | 0.81 |
| Apr. | 0.78 | 0.45 | 0.62 | 2.21 | 0.91 | 1.20 | 1.52 | 0.74 | 1.16 | 0.50 | 0.53 | 0.84 | 0.78 | 1.14 | 0.32 | 1.55 | 1.16 | 1.36 | 1.04 | 0.84 |
| May | 0.68 | 0.39 | 0.70 | 2.11 | 1.03 | 1.06 | 1.68 | 0.81 | 0.84 | 0.44 | 0.47 | 0.75 | 0.66 | 1.06 | 0.26 | 1.51 | 0.85 | 1.12 | 0.83 | 0.77 |
| June | 0,68 | 0.37 | 0.67 | 2.04 | 1.21 | 1.02 | 1.64 | 1. 09 | 0.76 | 0.47 | 0.48 | 0.72 | 0.63 | 1. 10 | 0.27 | 1.43 | 0.75 | 1.14 | 0.87 | 0.79 |
| July | 0.73 | 0.39 | 0.65 | 2.31 | 1.24 | 1.14 | 1.30 | 0.96 | 0.85 | 0.50 | 0.50 | 0.75 | 0.63 | 1.25 | 0.36 | 1.65 | 0.73 | 1.12 | 1.09 | 0.79 |
| Aug. | 0.70 | 0.43 | 0.54 | 2.16 | 0.75 | 1.10 | 1.08 | 0.59 | 0.79 | 0.40 | 0,45 | 0,71 | 0.58 | 1.20 | 0.52 | 1.46 | 0.66 | 1.08 | 1.03 | 0.70 |
| Sept. | 0.69 | 0.51 | 0.59 | 1.71 | 0.78 | 0.98 | 0.93 | 0.56 | 0.91 | 0.38 | 0.47 | 0.74 | 0. 50 | 1.30 | 0.38 | 1.17 | 0.75 | 1.13 | 0.99 | 0.67 |
| Oct. | 0.65 | 0.50 | 0.69 | 1.45 | 0.79 | 0.93 | 0.86 | 0.57 | 0.86 | 0.34 | 0.42 | 0.75 | 0.50 | 1.29 | 0.28 | 1.18 | 0.70 | 1.05 | 0.98 | 0.64 |
| Nov. | 0.68 | 0. 52 | 0.64 | 1.73 | 0.94 | 0.97 | 0.89 | 0.71 | 0.98 | 0.37 | 0.42 | 0.71 | 0.57 | 1.18 | 0.26 | 1.24 | 0.79 | 0.98 | 1.05 | 0. 73 |
| Dec. | 0.77 | 0.56 | 0.54 | 2.05 | 1.25 | 1.10 | 1.25 | 1.07 | 1.16 | 0.50 | 0.49 | 0.82 | 0.72 | 1.26 | 0.26 | 1.39 | 1.23 | 1.00 | 1.20 | 0.87 |
| Avr. | 0.73 | 0.47 | 0.65 | 2.08 | 0.96 | 1.07 | 1.27 | 0.79 | 0.98 | 0.46 | 0.49 | 0.77 | 0.67 | 1.24 | 0.33 | 1.42 | 1.00 | 1. 12 | 1.04 | 0.78 |
| 1963 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jan. | 0.78 | 0.55 | 0.66 | 2.33 | 1.04 | 0.97 | 1.33 | 0.91 | 1.11 | 0.51 | 0.54 | 0.75 | 0.76 | 1.37 1.32 | 0.29 0.32 | 1.40 1.38 | 1.61 | 1.00 1.12 | 1.16 | 0.92 |
| Feb. | 0.81 | 0.55 | 0.58 | 2.35 | 1.04 | 1.04 | 1.34 | 0.76 | 1.16 | 0.50 | 0.60 | 0.87 | 0.78 | 1.22 | 0.32 | 1.38 | 1.74 | 1.12 | 1.19 | 0.91 |
| Mar. | 0.76 | 0.50 | 0.64 | 2.15 | 0.96 | 0.95 | 1.35 | 0.70 | 1.07 | 0.47 | 0.58 | 0.74 | 0.76 | 1.17 | 0.30 | 1.26 | 1.40 | 1.23 | 1.08 | 0.81 |
| Apr. | 0.75 | 0.46 | 0.61 | 1.98 | 1.05 | 1.03 | 1.52 | 0.71 | 1.15 | 0.45 | 0.53 | 0.80 | 0.76 | 1.05 | 0.27 | 1.48 | 1.24 | 1.22 | 0.99 | 0.86 |
| May | 0.67 | 0.41 | 0.63 | 2.05 | 1.26 | 0.90 | 1.55 | 0.84 | 0.92 | 0.43 | 0.48 | 0.68 | 0.65 | 1.03 | 0.23 | 1.35 | 0.94 | 1.08 | 0.83 | 0.81 |
| June | 0.70 | 0.41 | 0.77 | 1.98 | 1.38 | 0.94 | 1.70 | 1.10 | 0.89 | 0.46 | 0.47 | 0.69 | 0.65 | 1.04 | 0.26 | 1.36 | 0.89 | 1.23 | 0.92 | 0.84 |
| July | 0.71 | 0.40 | 0.62 | 1.92 | 1.40 | 1.06 | 1.28 | 0.89 | 0.87 | 0.48 | 0.49 | 0.73 | 0.66 | 0.91 | 0.31 | 1.49 | 0.86 | 1.12 | 1.12 | 0.85 |
| Aug. | 0.72 | 0.42 | 0.69 | 2.03 | 0.84 | 0.94 | 1.05 | 0.55 | 0.87 | 0.40 | 0.46 | 0.73 | 0.63 | 1.22 | 0.62 | 1.33 | 0.85 | 1.12 | 1.04 | 0.74 |
| Sept. | 0.67 | 0.48 | 0.62 | 1.55 | 0.85 | 0.85 | 0.87 | 0.51 | 0.96 | 0.35 | 0.43 | 0.75 | 0.57 | 1.11 | 0.36 | 1.05 | 0.80 | 1.13 | 0.96 | 0.67 |
| Oct. | 0.64 | 0.49 | 0.76 | 1.42 | 0.81 | 0.79 | 0.82 | 0.54 | 0.88 | 0.35 | 0.40 | 0.67 | 0.54 | 1.05 | 0.27 | 1.09 | 0.76 | 1.19 | 0.91 | 0.61 |
| Nov. | 0.66 | 0.54 | 0.70 | 1.61 | 0.99 | 0.85 | 0.91 | 0.72 | 1.00 | 0.37 | 0.40 | 0.65 | 0.60 | 1.12 | 0.25 | 1.13 | 0.86 | 1.14 | 0.98 | 0.69 |
| Dec. | 0.70 | 0.56 | 0.45 | 1.65 | 1.27 | 0.95 | 1.29 | 1.07 | 1.11 | 0.43 | 0.40 | 0.74 | 0.64 | 1.09 | 0.22 | 1.19 | 1.21 | 1.01 | 1.12 | 0.76 |
| Avr. | 0.71 | 0.48 | 0.64 | 1.92 | 1.07 | 0.94 | 1.25 | 0.78 | 1.00 | 0.43 | 0.48 | 0.73 | 0.67 | 1.12 | 0.31 | 1.29 | 1.10 | 1.13 | 1.03 | 0.79 |
| $1964$ |  |  |  |  |  |  | 1.34 | 0.92 | 1.04 | 0.47 | 0.42 | 0.70 | 0.66 | 1.17 | 0.26 | 1.34 | 1.21 | 1.16 | 1.05 | 0.86 |
|  | 0.74 | 0.55 | 0.84 | 1.91 | 0.91 | 0.92 | 1.28 | 0.77 | 1.00 | 0.44 | 0.48 | 0.72 | 0.67 | 1.05 | 0.28 | 1.30 | 1.22 | 1.33 | 1.08 | 0.82 |
| Mar. ${ }^{\text {P }}$ | 0.70 | 0.50 | 0.82 | 1.95 | 0.91 | 0.90 | 1.31 | 0.75 | 0.92 | 0.41 | 0.48 | 0.72 | 0.58 | 0.91 | 0.26 | 1.25 | 1.05 | 1.33 | 1.03 | 0.76 |
| Apr. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| May |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| June July |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| July Aug. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aug. Sept. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Oct. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nov. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dec. Avr. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## INDUSTRIAL GROURINGS

The industries shown in the Standard Industrial Classification Groups are listed below.
A single asterisk (*) preceding the individual industry title indicates that the industry is shown separately in Table 4 - Statistics for Selected Individual Industries.

A double asterisk (**) preceding the individual industry title indicates that the industry is shown in Table 4 combined with one or more other industries. The industrles grouped are listed in footnotes to the table.

The bracketed letters following the individual industry titles indicate the statistical series - shipments, inventories and orders in which the industry is included monthly: (s) means the industry is included in the shipments geries; (i) in the inventory series; and ( 0 ) in the orders series. Industries for which monthly coverage is not indicated are included in the all-industry and group totals estimates.

## STANDARD INDUSTRIAL CLASSIFICATION

Industrial Groupings ghow in Tables 3 and 5

```
Major Group 1. Foods and Beverages
    ** Slaughtering and Mest Packing Plants (s)(1)
        Animal Oils and Fats Plants (5)
    ** Sausage and Sausage Casing Manufacturers (s)
        Poultry Processors
    ** Butter and Cheese Plants (s)(1)
    ** Rasteurizing Plants (s)(1)
    ** Condenseries (s)(i)
    ** Ice Cream Manufacturers (s) (1)
    ** Process Cheese Manufacturers (s)
        Fish Products Industry (s)(1)
    * Frult and Vegetable Camners and Preservers (s) (1) (0)
        Feed Manufacturers (s)(1)
    * Flour Mills (s)(1)(0)
        Breakfast Cereal Manufacturers (s) (1)
    * Biscuit Manufacturers (s)(1)
        Bakeries (s)
    * Confectionery Manufacturers (s)(1)
    * Sugar Refineries (s)(1)
        Vegetable 011 Mllls (s)(1)(o)
        Macaroni Manufacturers (s)(i)
    * Miscellaneous Food Manufecturers (s) (1)
        Soft Drink Manufacturers (s)
        Distilleries (s)(1)
    * Breweries (s)(1)
    * Wineries (s)(i)
```


## Mator Group 2. Tobacco Products Industries

Leaf Tobacco Processing (s) (1)
Tobacco Products Manufacturers (s)(1)

## Maior Gxoup 3. Rubber Industries

** Rubber Footwear Manufacturers (s) (1) (0)

* Rubber Tire and Tube Manufacturers (s) (i) (0)
** Other Rubber Industries ( s ) ( 1 ) ( 0 )


## Malor Group 4. Leather Induseries

* Leather Tanneries (s) (1) (0)
* Shoe Factories (s)(i) (0) Leather Glove Factories ( B ) Leather Belting Manufacturess (s)
Boot and Shoe Findings Manufacturers (a)
Miscellaneous Leather Products Manufacturers (s)

Mstor Group 5. Textile Industries

* Cotton Yern and Cloth Mills (s) (i) (o)
* Wool Yarn Mills (s)(1)(o)
* Wool Cloth Mills (s) (i) (0)
* Synthetic Textile Mills (s)(1) (o)

Fibre Preparing Mills (s) (i) (o)

Mefor Group 5. Textile Industries - Concluded
Thread Mills (s) (i)

* Cordage and Twine Industry (s) (1)

Narrow Fabric Mills (s)(i) (o)
Pressed and Punched Felt Mills (s) (1) (0)

* Carpet, Mat and Rug Industry (s) (1) (0)

Textile Dyeing and Finishing Plants (s) (i) (o)

* Linoleum and Coated Fabrics Industry (s) (i) (o)
* Canvas Products Industry (s) ( 1 ) ( 0 )
* Cotton and Jute Bag Industry (s) (1) (o)
** Automobile Fabric Accessory Manufacturers (s) (i)
** Embrofdery, Pleating, Hemstitching Manufacturers (s)
** Miscellaneous Textiles (n.e.s.) Industry (s)(1)(o)


## Mater Group 6. Knittins Mi11s

* Hosiery Mills (s) (i) (o)
* Other Knitting Mills (s) (1) (0)


## Mior Group 2. Clothing Industries

** Men's Clothing Factories (s) (1) (0)
** Men's Clothing Contractors (s)
** Women's Clothing Factories (s) (i) (0)
** Women's Clothing Contractors (s)
** Children's Clothing Industry (s) (i) (0)
Fur Goods Industry (s) (1)
Hat and Cap Industry (s) (1) (0)

* Foundation Garment Industry (s) (1) (0) Fabric Glove Manufacturers (s) Miscellaneous Clothing (n.e.s.) Industry (s)


## Malor Group 8. Wood Industries

Shingle Mills (s)
Sawnills except Shingle Mills (s)(1)(o)

* Veneer and Plywood Mills (s) (1) (o)
* Sash and Door and Planing Mills (excluding hardwood floor1ng) (s)(1)(0)
Hardwood Flooring (s) (1) (o)
Wooden Box Factories (s) (1)
Coffin and Casket Industries (s)
Wood preservetion (s) (i)
Wood Handles and Turning (g) (i) (o)
Woodenware (s) (i)
Cooperage (s) (1)
Miscellaneous Wood Industries, n.e.s. (s) (1) (0)


## Malor Group 9. Furniture end Fixture Industries

Houschold Purniture Industry (s) (1) (0)
Office Furniture Industry (s) (1) (0)
Other Furniture Industries (s) (i) (o)
Electric Lamp and Shade Industry (s)

# Major Group 10. Paper and Allied Industries <br> * Pulp and Paper Mills (s)(1) (0) <br> * Asphalt Roofing Manufscturers (s)(i)(0) <br> ** Folding Box and Set-up Box Manufacturers (s) (1) (0) <br> ** Carrugated Box Manufacturers (s) (i) (0) <br> ** Paper Bag Manufacturers (s) (i) (0) <br> * Other Paper Converters (s) (i) (0) 

```
Major Group 11. Printing. Publishing and Allied Industries
Printing and Bookbinding (s)
Lithographing (s)
Engraving and duplicate plates (s)
Trade Composition or typesetting (s)
Fublishing Only (s)
Printing and Publishing (s)
```


## Maior Group 12. Primary Metal Industries

```
* Iron and Steel Mills (s) (1) (0)
* Stee 1 Pipe and Tube Mills ( s )(1)(0)
* Iron Foundries (s)(i)(o)
* Smelting and Refining ( s ) (i) (o)
Aluminum Rolling, Casting and Extruding (8)(1)(0)
* Copper and Alloy Rolling, Casting and Extruding ( s ) ( i ) ( 0 )
Metal Rolling, Casting and Extruding, n.e.s. (s) (1) (0)
```

Malor Group 13. Metal Fabricating Industrdes (except Machinery and Transportation Equipment Industries)

* Botler and Plate Works (s) (i) (o)
* Fabricated Structural Metal Industry (s) (i) (o) Ornamental and Architectural Metal Industry (s)(1)(0)
* Meral Stamping. Fressing and Coating Industry (s)(1)(0)
* Wire and Wire Products Manufacturers ( 8 )(1)(0)
* Hardware, Tool and Cutlery Manufacturers (s) (i) (o) Heating Equipment Manufacturers (s)(1)(0) Machine Shops
* Miscellaneous Metal Pabricating Industries (s)(1)(o)

```
Malor Group 14. Machinery Induatries (except electrical machinery)
* Agricultural Implement Industry (s) (i) (0)
** Miscellaneous Machinery and Equipment Manufacturers (s) ( i )(o)
** Comercial Refilgeration and Air Conditioning Equipanent Manufacturers (s)(i)(o)
* Office and Store Manufacturers (s)(i)(o)
```

Malor Group 15. Transportation Equipment Industries
Alrcraft and Parts Manufacturers (s) (i) (0)

* Motor Vehicle Manufacturers ( s ) (i) ( 0 )

Truck Body and Trailer Manufacturers (s)(i) (0)

* Motor Vehicle Parts and Accessories Manufacturers (s)(1)(0)
* Railroad Ralling Stock Industry (8) (1) (0)
* Shipbuilding and Repair ( B ) ( 1 ) ( 0 )

Boatbuilding and Repair (s)
Miscellaneous Vehicle Manufacturere (s)

Major Gxoup 16. Elecerical Products Industries

* Manufacturets of Small Electrical Appliances (s) (1) (a)
* Manufacturers of Major Appliances (electric and nonelectric) (s)(1)(0)
* Manufacturers of Household Radio and Television Recelvers ( s ) (1) ( 0 )
* Comminications Equipment Manufacturers (s) (1) (0)
* Manufacturers of Electrical Industrial Equipment (s) (i) (o)

Maior Group 16, Electrical Products Industries - Concluded

* Battery Manufacturers (8)(1)(0)
* Manufacturers of Electric Wire and Cable (s)(1)(0)
* Manufacturers of Miscellaneous Electrical Products (8) (1) (0)

Major Group 17. Non-Metallic Mineral Products Industries
** Cement Manufacturers (s) (1) (0)
Lime Manufacturets (s)
Gypsum Products Manufacturers (s)
** Concrete Products Manufacturers (s) (i) (o)
** Ready-Mix Concrete Manufacturers (s)(i)
Clay Products Manufacturers (from domestic clays) (s)(1)
Clay Products Manufacturers (from imported clays) (s)(i) (0)
Refractories Manufacturers (8)(1)
Stone Products Manufacturers (s)
Mineral Wool Manufacturers (s) (i) (0)

* Asbestas Products Manufacturers (s) (1) (0)
** Glass Manufacturers (s) (1) (0)
** Glass Products Manufacturers (s)(1) (0)
* Abrasives Manufacturers (s) (i) (0)
other Non-Metallic Mineral Products Induetries (8)(1)

Malor Group 18. Petroleum and Cosl Products Industries
** Petroleum Refining (s) (i)
** Manufacturers of Lubricating 011s and Greases (8) (i) Other Petroleum and Col Froducts Industries (s) (1)

Mator Group 19. Chemical and Chemics 1 Products Industry
Explosives and Ammunition Manufecturers (s)(1)(0)

* Manufacturers of Mixed Fertilizers (s) (1)
* Manufacturers of Plastics and Synthetic Resins (s) (1) (0)
* Manufacturers of Pharmaceuticals and Medicines (s) (i) (o)
* Paint and Varnish Manufacturers (s) (1) (0)
* Manufacturets of Soap and Cleaning Compounds (s)(1)(0)
* Manufacturers of Toflet Preparations (s) (i)

Manufacturers of Industrial Chemicals (s)(1)(0)
Manufacturers of Printing Inks (s) (i) Other Chemical Industries, n.e.s. (8) (1) (0)

Mator Group 20. Miscellaneous Manufacturing Industries
** Instrument and Related Products Manufaccurers (s) (i) (0)
** Clock and Watch Manufacturers (s)(1)(0)
** Orthopedic and Surgica 1 Appliance Manufacturers (s) (i) (a)
** Ophthalmic Goods Manufacturers (s) (i)
** Dental Laboratories

* Jewellery and Silverware Manufacturers (s) (1) (0)
* Broom, Brush and Mop Industry (s) (1) (0)

Venetian Blind Manufacturers (s)
Plastic Fabricators, n.e.s. (s)(1)
Sporting Goods Industry (s)(i)
Toys and Games Industry (s)
Fur Dressing and Dyeing Industry
Signs and Displays Industry (s)
Button, Buckle and Fastener Industry (8)
Candle Manufacturers (s)
Hair Goods Manufacturers (s)
Axtificial Flowers and Festhers Manufacturers (s)
Model and Pattern Manufacturers (s)
Musicsl Instruments Industry (s) (i) (0)
Sound Recording Industry (s) (1) (0)
Typewriter Supplies Manufacturers (B)
Fountain Pen and Pencil Manufacturers (s) (1) (0)
Smokers' Supplies Manufacturers (8)
Stamp and Stencil (Rubber and Metal) Manufacturers (B)
Statuary, Art Goods, Regalla and Novelty
Manufacturers (B)
Uwbrella Manufacturera (s)
Artificial Ice Manufacturers (s)
Other Miscellaneous Industries (s) (i) (0)

Shipments - (Tables 1 to 4) - represent an estimated projection, on a monthly basis, of the latest available Census of Manufactures values.

New Orders - (Tables 2 and 3) - This series is designed to indicate the rate at which new business is being received. It is defined as all New Orders Received during the period, at estimated selling values. Thus it covers total new orders, net of cancellations, regardless of whether the orders will be filled from stock or as a result of activity during the same month (and, therefore, will also be reported as shipments in the month received) or whether they will be added to existing backlogs.

Unfilled Orders - (Tables 2 and 3) - are defined as orders on books at the end of the period stated. Thet is, they cover orders received but not yet shipped (or treated as a sale), irrespective of work done on them or of stocks from which they can be filled.

Total Inventory Owned - (Tables 2 to 4) - represents the estimated book value of inventory owned by manufacturers in connection with the manufacturing operations of the establishment covered whether held at plant or elsewhere, at the end of the period stated. It is made up of: raw materials, goods in process, finished goods of own manufacture less the value of inventory held but not owned which cannot be assigned to specific components. Since the series relates to manufacturing inventory only, value of goods purchased for re-sale is not included.

Inventory Held but Not Owned - (Tables 2 and 3) - represents, as far as possible, the portion of manufacturers' total inventory holdings which are no longer owned by the reporting manufacturers because of payments made on long-term contracts as work on these progresses. This item is applicable only to the relatively few industries where long-term contracts are common although, because of the nature of the item, the value per industry is high.

Because of varistions in accounting methods there are a few cases where it is not possible to obtain values for this type of inventory. The estimated value shown for this item must therefore be considered to some extent incomplete.

Total Inventory Held - (Tables 2 and 3) - represents the estimated total value of manufacturers' inventory holdings in cannection with manufacturing operations, regardless of ownership; it differs from inventory owned by the inclusion of inventories. held under progress payments arrangements.

Inventory Components - (Tables 2 and 3) - Raw Materials, Goods in Process, and Finished Products are reported and compiled as on the books of each manufacturer, i.e. there has been no attempt to define the components specifically for each industry.

The inventory components are always a breakdown of total inventory held, not of total inventory owned. In industries where these two items differ, due to the inclusion of inventory held but not owned (see above), it is not possible to obtain value of inventory owned by components since, where separate progress accounts are maintained, firms concerned can only state that, of total holdings, a certain amount is not longer owned by them. It is fairly obvious that the bulk of such payments apply to goods in process holdings but due to time lags in shipments and to prepayments some of the total value of inventory held but not owned would be applicable to finished products or raw materials.

Any comparisons of shipments/inventory ratios should be made using total inventory owned, not total inventory held, since the latter includes values which have already been written off to sales. If shipments/inventory ratios are desired using inventory companents, rather than total inventory, a reasonable approximation to total inventory owned by components would be obtained by assuming that all inventory held but not owned had been included with goods in process.

Groupings - The Standard Industrial Classification groupinge of Industries used in Tables 3 and 4 are defined according to the Standard Industrial Classificetion Manual. A list of the industries included in the Standard Industrial Classification groups will be found on page 105 of the bullettr.

## SOURCES

Monthly (or, in few cases, quarterly) reports covering value of inventories and shipments are now submitted on a voluntary basis by 3,000 plants in 120 industries; in addition, 3,000 small plants in 100 of these industries report monthly shipments only. Of the first group, 1,025 plants in 83 industries also report new and unfilled orders. Four industries are included in the total shipments estimates by using data available from other Bureau series, and two of these are also included in the cotal inventory estimates.

## FOOTNOTES TO TABLES

TABLE 1. - (1) Prince Edward Island, Yukon and Northwest Territories are not published separately. They are included in the total for Canada.

TABLE 2. - (1) Annual shipments values differ slightly from published Census of Manufactures totals due to inventory adjustments for certain industries where Census of Manufactures data represent production rather than shipments values.

TABLE 3. - (1) See footnote (1), table 2.
(2) The value of Unfilled Orders and, therefore, of New Orders for industries in major groups - $1,2,6,8,9,10,17,18$ and 19 is small and sample coverage is not adequate to provide separate estimates for them.
(3) The value of inventory held but not owned in this group is very small, and sample coverage is not adequate to provide separate data. Estimates for this type of inventory are included with Total Inventory Held; for all practical purposes this can be considered the equivalent of Inventory Owned.

TABLE 5. - (1) Ratios for this group were calculated using values of Total Inventory Held instead of values of Total Inventory Owned. See footnote (3), table 3.



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[^0]:    See footnotes, page 95,

[^1]:    See footnotes, page 95.

[^2]:    See footnotes, page 95

[^3]:    (2) Includes butter and cheese plants, pasteurizing plants, condenseries, ice cream manufacturers and process cheese manufacturers.

[^4]:    (1) Includes sausage and sausage casing manufacturers.
    (2) Includes butter and chese plants, pasteurizing piants, condenseries, ice cream manufacturers and process cheese manufacturers.

[^5]:    (5) Includes the following: Automobile fabric accessory manufacturers, embroidery, pleating, hemstitching manufacturers and miscellaneous textiles (n.e.s.) Industry.

[^6]:    $\overline{(6)}$ Includes men's clothing factories and men's clothing contractors.

[^7]:    (6) Includes men's cloching factories and men's clothing contractors.
    (7) Includes women's clothing factories, women's clothing contractors and children's clothing industry.

[^8]:    (6) Includes men's clothing factories and men's clothing contractors.

[^9]:    (8) Includes folding boxes and set-up boxes manufacturers, corrugated boxes manufacturers and paper bag manufacturers.

[^10]:    (8) Includes folding boxes and set-up boxes manufacturers, corrugated boxes manufacturers and paper bag manufacturers,

[^11]:    (8) Includes folding boxes and set-up boxes manufacturers, corrugated boxes manufacturers and paper bag manufacturers.

[^12]:    (8) Includes folding boxes and set-up boxes manufacturers, corrugated boxes manufacturers and paper bag manufacturers.

[^13]:    (9) Includes cement manufacturers, concrete products manufacturers and ready-mix concrete manufacturers.

[^14]:    (9) Includes cement manufacturers, concrete products manufacturers and ready-mix concrete manufacturers.

