# DOMINION BUREAU OF STATISTICS 

OTTAWA - CANADA

I'uhthed $y$ Au'hes of the Hon. Gordon Churchill. Minister of Trade and Commerce

The statistics made available monthly in this report are considered to represent clearly and accurately (a) the new domestic production and (b) the total consumption of all types of rubber, natural, synthetic and reclaimed whether foreign or domestic, by broad end product use groupings, together with inventories, receipts and sales by consuming manufacturers in all industries. The addition of the two inventories gives the total stocks held by industry.

It is regretted that comparable export-import data cannot be secured each month, and that, therefore, the total available supply is not accurately known. However, the data given in (b) do ultimately account for the total consumption of rubber in Canada, and should be capable of being correlated with new production and export-import data (as compiled by the External Trade Section, D.B.S.) over a period of months.

Consumption of rubber in May 1958 as compared with April 1958 shows an increase in natural of 339,000 pounds, an increase in synthetic of 553,000 pounds and an increase in reclaimed of 294,000 pounds, the total being an increase of $1,186,000$ pounds. Considering the situation in terms of end products use, it may be noted that the consumption of all rubber in the production of tires and tubes, including tire repair materials increased by $1,101,000$ pounds, consumption in rubber footwear decreased by 4,000 pounds, in wire and cable decreased by 91,000 pounds, in foamed rubber increased by 31,000 pounds and in other products increased by 149,000 pounds making the total increase of $1,186,000$ pounds mentioned above.

Prepared in Textiles and Miscellaneous Products Section, Industry and Merchandising Division.

## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 1 - Summary Statement of All Rubber Stocks, Domestic Production and Domestic Consumption Showing Monthly Averages, 1939-1957 and Actual Monthly Totals, May 1957 to May 1958. Weights are given in long tons ( 2,240 pounds).

| Monthly Averages |  | Stocks, end of Period |  |  | Domestic Production |  | Consumption |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Natural | Synthetic | Re- <br> claimed | Symthetic | Reclaimed | Natural | Synthetic | $\mathrm{Re}=$ <br> claimed |
|  |  | (Long Tons) |  |  |  |  |  |  |  |
| 1939 |  | n.a. | n.a. | n.a. | - | - | 2,635 | - | 626 |
| 1940 |  | n.a. | n. ${ }^{\text {a }}$ | n.a. | - | - | 3,083 | - | 703 |
| 1941 |  | n.a. | n.a. | n.a. | - | - | 4,436 | - | 789 |
| 1942 | .......... | n.a. | n.a. | 4,506 | - | - | 3,512 | - | 1,042 |
| 1943 | . . . . . . . . . | 8,165 | 2,292 | 4,822 | 210 | 392 | 2,434 | 307 | 1,166 |
| 1944 | . ........... | 5,399 | 3,641 | 3,516 | 2,902 | 263 | 799 | 2,061 | 1,052 |
| 1945 | .......... | 3,703 | 4,107 | 2,219 | 3,810 | 276 | 491 | 2,995 | 1,276 |
| 1946 |  | 3,662 | 5,592 | 2,786 | 4,248 | 331 | 792 | 2,468 | 1,178 |
| 1947 |  | 6,992 | 4,333 | 2,672 | 3,533 | 344 | 2,690 | 2,432 | 1,360 |
| 1948 |  | 6,002 | 4,448 | 2,019 | 3,371 | 360 | 3,464 | 1,713 | 1,141 |
| 1949 | . ........... | 6,138 | 4,678 | 1,715 | 3,887 | 290 | 3,192 | 1,505 | 983 |
| 1950 | ............ | 4,423 | 3,511 | 1,635 | 4,870 | 371 | 3,843 | 1,881 | 1,163 |
| 1951 | . . ........... | 5,016 | 3,671 | 2,219 | 5,191 | 423 | 3,698 | 2,203 | 1,319 |
| 1952 | ............. | 4,255 | 6,925 | 1,567 | 6,189 | 382 | 2,792 | 2,799 | 1,133 |
| 1953 |  | 4,583 | 4,741 | 1,538 | 6,744 | 385 | 3,124 | 2,993 | 1,216 |
| 1954 |  | 4,710 | 5,863 | 1,477 | 7,215 | 331 | 3,465 | 2,506 | 1,064 |
| 1955 |  | 4,375 | 6,231 | 1,569 | 8,658 | 386 | 3,693 | 3,350 | 1,252 |
| 1956 |  | 4,631 | 7,536 | 1,732 | 10,058 | 394 | 3,588 | 4,034 | 1,387 |
| 1957 | ............ | 4,616 | 7,412 | 1,522 | 11,012 | 416 | 3,403 | 3,962 | 1,340 |
| 1957 | - May | 4,551 | 6,964 | 1,484 | 11,512 | 404 | 3,663 | 4,656 | 1,650 |
|  | June | 4,896 | 8,056 | 1,494 | 11,295 | 477 | 3,452 | 4,176 | 1,431 |
|  | July ..... | 4,284 | 7,183 | 1,457 | 10,138 | 411 | 2,958 | 3,468 | 1,164 |
|  | August .... | 4,812 | 7,364 | 1,519 | 11,032 | 312 | 2,441 | 2,811 | 855 |
|  | September . | 4,616 | 7,367 | 1,554 | 10,888 | 488 | 3,426 | 3,705 | 1,205 |
|  | October ... | 5,029 | 7,734 | 1,505 | 11,428 | 407 | 3,693 | 4,074 | 1,380 |
|  | November | 4,335 | 7,702 | 1,563 | 11,465 | 527 | 3,531 | 4,042 | 1,312 |
|  | December . | 4,646 | 9,043 | 1,620 | 11,506 | 501 | 3,004 | 3,565 | 1,208 |
| 1958 | - January ... | 6,209 | 8,671 | 1,577 | 10,924 | 407 | 2,690 | 3,512 | 1,104 |
|  | February .. | 5,687 | 7,525 | 1,431 | 9,104 | 395 | 2,481 | 3,498 | 1,145 |
|  | March | 5,427 | 8,171 | 1,424 | 11,317 | 367 | 2,400 | 3,506 | 1,176 |
|  | April..... | 4,751 | 9,043 | 1,218 | 11,119 | 367 | 2,663 | 3,776 | 1,249 |
|  | May . ...... | 4,007 | 8,475 | 1,213 | 11,228 | 538 | 2,813 | 4,023 | 1,380 |

Table 2(a) - NEW SUPPLY. Statement of Manufacturers Producing Rubber (Weight in Long Tons)


Table 3(a) - Consumption of all Types of Rubber, by End Products, May, 1958.

| Type of Rubber | Total Consumption | Consumed in the Manufacture of: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Tires and Tubes | $\begin{gathered} \text { Wre and } \\ \text { Cable } \end{gathered}$ | Footwear | Foamed Rubber | Other Products |
|  | $\begin{aligned} & 000^{\prime} \mathrm{s} \\ & \text { pounds } \end{aligned}$ | $000^{\top} \mathrm{s}$ pounds | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\prime} \mathrm{s}$ pounds | $000^{7} \mathrm{~s}$ pounds | $\begin{aligned} & 000^{\top} \mathrm{s} \\ & \text { pounds } \end{aligned}$ |
| Natural Rubber - |  |  |  |  |  |  |
| Solid. | 5,699 | 4,064 | 45 | 579 | - | 1,011 |
| Latex | 604 | - 6 | - | 4 | 494 | 100 |
| Total Natural | 6,303 | 4,070 | 45 | 583 | 494 | 1,111 |
| Synthetic Rubber - |  |  |  |  |  |  |
| Buna-S, solid. | 7,354 | 5,468 | 191 | 752 | - | 943 |
| Buna-S, latex. | 402 | 68 | - | - | 260 | 74 |
| Buna-N ..... | 47 | 2 | - | 13 | 26 | 32 |
| Butyl .. | 710 | 568 | 41 | 6 | - | 95 |
| Neoprene | 489 | 21 | 241 | 11 | - | 216 |
| Other .... | 11 | 6 | - | - | - | 5 |
| Total Synthetic | 9,013 | 6,133 | 473 | 782 | 260 | 1,365 |
| Reclaimed Rubber - |  |  |  |  |  |  |
| Solid | 3,057 | 1,893 | - | 175 | - | 989 |
| Latex | 35 | 3 | - | 21 | - | 11 |
| Total Reclaimed | 3,092 | 1,896 | - | 196 | - | 1,000 |
| GRAND TOTAL | 18,408 | 12,099 | 518 | 1,561 | 754 | 3,476 |

Table 3(b) - Consumption of all types of Rubber, by End Products, April, 1958.

| Type of Rubber | Total <br> Consumption | Consumed in the Manufacture of: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Tires and Tubes | wire and Cable | Footwear | Foamed Rubber | Other Products |
|  | $\begin{aligned} & 000^{\prime} \mathrm{s} \\ & \text { pounds } \end{aligned}$ | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\top} \mathrm{s}$ <br> pounds | $000^{1} \mathrm{~s}$ <br> pounds | $000 \text { 's }$ <br> pounds | $000^{\prime} \mathrm{s}$ pounds |
| Natural Rubber - |  |  |  |  |  |  |
| Solid ... | 5,385 | 3,672 | 50 | 573 | - | 1,090 |
| Latex | 579 | 10 | - | 3 | 456 | 110 |
| Total Natural | 5,964 | 3,682 | 50 | 576 | 456 | 1,200 |
| Synthetic Rubber |  |  |  |  |  |  |
| Buna-S, solid ...... | 6,753 | 5,024 | 208 | 704 | - | 817 |
| Buna-S, latex ...... | 388 | 62 | - | - | 267 | 59 |
| Buna-N ............. | 53 | 4 | - | 12 | - | 37 |
| Butyl | 663 | 525 | 41 | 7 | - | 90 |
| Neoprene ............ | 586 | 21 | 308 | 44 | - | 213 |
| Other ............... | 17 | 11 | - | - | - | 6 |
| Total Synthetic .. | 8,460 | 5,647 | 557 | 767 | 267 | 1,222 |
| Reclaimed Rubber - |  |  |  |  |  |  |
| Solid. | 2,766 | 1,667 | 2 | 200 | - | 897 |
| Latex ............. | 32 | 2 | - | 22 | - | 8 |
| Total Reclaimed .. | 2,798 | 1,669 | 2 | 222 | - | 905 |
| GRAND TOTAL | 17,222 | 10,998 | 609 | 1,565 | 723 | 3,327 |

## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Fable 4 - Consumption of Natural Rubber in Total by End Products, May 1957 to May 1958, showing also percentage of Natural to all Rubber Consumed.

|  |  | Natural |  | Consumed in the Manufacture of: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | $\begin{gathered} \text { Percentage } \\ \text { of all } \\ \text { Rubber } \\ \hline \end{gathered}$ | Tires and Tubes | Wire and Cable | Foot wear | Other Procusts |
| 1957 |  | $000^{\prime} \mathrm{s}$ <br> pounds | Per cent | $\begin{aligned} & 000^{\prime} \mathrm{s} \\ & \text { pounds } \end{aligned}$ | $000^{\prime} \mathrm{s}$ <br> pounds | $00{ }^{1} \mathrm{~s}$ <br> pounds | $\begin{aligned} & 000^{\top} \mathrm{s} \\ & \text { pounds } \end{aligned}$ |
|  | - May | 8,205 | 36.7 | 5,398 | 79 | 679 | 2,049 |
|  | June . | 7,731 | 38.1 | 5,191 | 64 | 608 | 1,868 |
|  | July | 6,626 | 39.0 | 4,804 | 43 | 341 | 1,438 |
|  | August | 5,466 | 40.0 | 3,266 | 58 | 685 | 1,457 |
|  | September | 7,674 | 41.1 | 5,120 | 54 | 662 | 1,838 |
|  | October . . | 8,272 | 40.4 | 5,747 | 57 | 676 | 1,792 |
|  | November | 7,908 | 39.7 | 5,421 | 69 | 620 | 1,798 |
|  | December | 6,730 | 38.6 | 4,729 | 42 | 355 | 1,604 |
| 1958 | - January | 6,026 | 36.8 | 3,901 | 82 | 561 | 1,482 |
|  | February | 5,558 | 34.8 | 3,349 | 52 | 641 | 1,516 |
|  | March | 5,375 | 33.9 | 3,267 | 42 | 559 | 1,507 |
|  | April | 5,964 | 34.6 | 3,682 | 50 | 576 | 1,656 |
|  | May . | 6,303 | 34.2 | 4,070 | 45 | 583 | 1,605 |

Table 5 - Consumption of Synthetic Rubber in Total by End Products, May 1957 to May 1958 , showing also percentage of Synthetic to all Rubber Consumed.

|  |  | Synthetic |  | Consumed in the Manufacture of: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Percentage of all Rubber | $\begin{aligned} & \text { Tires } \\ & \text { and } \\ & \text { Tubes } \end{aligned}$ | Wire and Cable | Foot wear | Other Products |
| 1957 |  | $000^{\prime} \mathrm{s}$ <br> pounds | Per cent | $\begin{aligned} & 000 ' s \\ & \text { pounds } \end{aligned}$ | $\begin{aligned} & 000^{\prime} \mathrm{s} \\ & \text { pounds } \end{aligned}$ | $\begin{aligned} & 000^{\prime} \mathrm{s} \\ & \text { pounds } \end{aligned}$ | $\begin{aligned} & 000^{\prime} \mathrm{s} \\ & \text { pounds } \end{aligned}$ |
|  | - May | 10,429 | 46.7 | 7,139 | 599 | 898 | 1,793 |
|  | June | 9,352 | 46.1 | 6,395 | 521 | 855 | 1,581 |
|  | July | 7,768 | 45.7 | 5,782 | 301 | 568 | 1,117 |
|  | August | 6,295 | 46.0 | 3,640 | 536 | 790 | 1,329 |
|  | September | 8,301 | 44.5 | 5,451 | 548 | 793 | 1,509 |
|  | October | 9,124 | 44.5 | 5,960 | 595 | 885 | 1,684 |
|  | November | 9,055 | 45.5 | 5,881 | 676 | 806 | 1,692 |
|  | December | 7,987 | 45.9 | 5,297 | 518 | 807 | 1,365 |
| 1958 | - January | 7,866 | 48.1 | 5,213 | 524 | 845 | 1,284 |
|  | February | 7,837 | 49.1 | 5,157 | 476 | 933 | 1,271 |
|  | March . | 7,856 | 49.5 | 5,045 | 467 | 911 | 1,433 |
|  | April | 8,460 | 49.1 | 5,647 | 557 | 767 | 1,489 |
|  | May | 9,013 | 49.0 | 6,133 | 473 | 782 | 1,625 |

## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 6 - Consumption of Reclaimed Rubber in Total by End Products May 1957 to May 1958, showing also Percentage of Reclaimed to all Rubber Consumed.

|  |  | Reclaimed |  | Consumed in the Manufacture of: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Percentage of all Rubber | Tires and Tubes | Wire and Cable | $\begin{aligned} & \text { Foot- } \\ & \text { wear } \end{aligned}$ | Other Products |
| 1957 |  | $000^{\prime} \mathrm{s}$ pounds | Per cent | $\begin{aligned} & 000^{\prime} \mathrm{s} \\ & \text { pounds } \end{aligned}$ | $000^{\prime} \mathrm{s}$ <br> pounds | $\begin{aligned} & 000^{\prime} \mathrm{s} \\ & \text { pounds } \end{aligned}$ | $\begin{aligned} & 000^{\prime} \mathrm{s} \\ & \text { pounds } \end{aligned}$ |
|  | - May | 3,696 | 16.6 | 2,598 | 2 | 239 | 857 |
|  | June | 3,206 | 15.8 | 2,285 | - | 191 | 730 |
|  | July | 2,608 | 15.3 | 1,836 | - | 170 | 602 |
|  | August | 1,916 | 14.0 | 1,205 | 3 | 234 | 474 |
|  | September | 2,698 | 14.4 | 1,866 | - | 256 | 576 |
|  | October. | 3,091 | 15.1 | 2,115 | 2 | 398 | 576 |
|  | November | 2,939 | 14.8 | 1,961 | 2 | 218 | 758 |
|  | December | 2,707 | 15.5 | 1,826 | 1 | 207 | 673 |
| 1958 | - January | 2,474 | 15.1 | 1,473 | 1 | 216 | 784 |
|  | February | 2,565 | 16.1 | 1,584 | 3 | 206 | 772 |
|  | March . | 2,633 | 16.6 | 1,493 | 1 | 225 | 914 |
|  | April | 2,798 | 16.3 | 1,669 | 2 | 222 | 905 |
|  | May | 3,092 | 16.8 | 1,896 | - | 196 | 1,000 |

Table 7 - Consumption of Synthetic Rubber, by Types, May 1957 to May 1958.

|  | Buna-S |  |  |  | Butyl | Neoprene | Buna-N | Other |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | Total

## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 8 - Consumption of all Rubber in Total, by Types, showing percentages of Each Type of all Rubber Consumed, 1939 to 1957

|  | Natural |  | Synthetic |  | Reclaimed |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | pounds | \% | pounds | \% | pounds | \% |
| 1939 | 70,828,800 | 80.8 | - | - | 16,826,880 | 19.2 |
| 1940 | 82,871,040 | 81.4 | - | - | 18,896,640 | 18.6 |
| 1941 | 119,239,680 | 84.9 | - | - | 21,208,320 | 15.1 |
| 1942 | 94,402,560 | 77.1 | - | - | 28,008,960 | 22.9 |
| 1943 | 65,425,920 | 62.3 | 8,252,160 | 7.9 | 31,342,080 | 29.8 |
| 1944 | $21,477,120$ | 20.4 | 55,399,680 | 527 | 28,277,760 | 26.9 |
| 1945 | 13,198,080 | 10.3 | 80,505,600 | 62.9 | $34,298,880$ | 26.8 |
| 1946 | 21,459,268 | 17.8 | $66,357,973$ | 55.6 | 31,673,600 | 26.6 |
| 1947 | 72,294,000 | 41.5 | 65,367,660 | 37.5 | 36,566,628 | 21.0 |
| 1948 | 93,113,676 | 54.8 | 46,051,821 | 27.1 | 30,661,557 | 18.1 |
| 1949 | 85,790,432 | 56.2 | 40,474,347 | 26.5 | 26,417,995 | 17.3 |
| 1950 | 103,305,446 | 55.8 | 50,596,632 | 27.3 | 31,267,567 | 16.9 |
| 1951 | 99,404,429 | 51.2 | 59,217,110 | 30.5 | 35,447,251 | 18.3 |
| 1952 | 75,042,843 | 41.5 | 75,260,578 | 41.6 | 30,468,040 | 16.9 |
| 1953 | 83,955,609 | 42.6 | 80,447,628 | 40.8 | 32,701,851 | 16.6 |
| 1954 | $93,129,151$ | 49.3 | 67,379,304 | 35.6 | 28,603,823 | 15.1 |
| 1955 | 99,281,626 | 44.5 | 90,062,434 | 40.4 | 33,666,387 | 15.1 |
| 1956 | 96,433,000 | 39.8 | 108,435,000 | 44.8 | 37,283,000 | 15.4 |
| 1957 | 91,477,000 | 39.1 | 106,491,000 | 45.5 | 36,009,000 | 15.4 |



