## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

The statistics made available monthly in this report are considered to represent clearly and accurately (a) the new domestic prouuction 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 inuustries. 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) so ultimately account for the total consumption of rubber in Canada, and shoulu be capable of being correlated with new production and export-import data (as compiled by the E.ternal Trade Section, D.B.S.) over a period of months.

Consumption of rubber in February 1959 as compared with January 1959 shows an increase in natural of 817,000 pounds, an increase in synthetic of $1,746,000$ pounds and an increase in reclaimed of 216,000 pounds, the total being an increase of 2,779,000 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 $2,007,000$ pounds, consumption in rubber footwear increased by 357,000 pounds, in wire and cable decreased by 53,000 pounds, in foamed rubber increased by 186,000 pounds and in other products increased by 282,000 pounds making the total increase of $2,779,000$ pounds mentioned above.

Industry and Merchandising Division.

## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 1 - Summary Statement of All Rubber Stocks, Domestic Procuction and Domestic Consumption Showing Monthly Averages, 1939-1958 and Actual Monthly Totals, February 1958 to February 1959. Weights are given in long tons (2,240 pounus).

| Monthly Averages |  | Stocks, end of Period |  |  | Domestic Prouluction |  | Consumption |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Natural | $\begin{aligned} & \text { Syn- } \\ & \text { thetic } \end{aligned}$ | Reclaimed | $\begin{aligned} & \text { Syn- } \\ & \text { thetic } \end{aligned}$ | Reclaimed | Natural | $\begin{aligned} & \text { Syn- } \\ & \text { thetic } \end{aligned}$ | $\begin{gathered} \mathrm{Re}- \\ \text { claimed } \end{gathered}$ |
|  |  | (Long Tons) |  |  |  |  |  |  |  |
| 1939 |  | n.a. | n.a. | n.a. | - | - | 2,635 | - | 626 |
| 1940 |  | n.a. | n.a. | п.a. | - | - | 3,083 | - | 703 |
| 1941 |  | n.a. | n.a. | n.a. | - | - | 4,436 | - | 789 |
| 1942 |  | n.a. | п.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 |
| 1958 |  | 4,542 | 8,788 | 1,383 | 11,253 | 495 | 3,090 | 3,893 | 1,260 |
| 1958 | - 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 |
|  | June | 3,676 | 8,660 | 1,266 | 10,235 | 597 | 3,155 | 4,546 | 1,451 |
|  | July . . . . . | 3,588 | 8,570 | 1,303 | 11,175 | 420 | 2,925 | 3,891 | 1,275 |
|  | August ... | 4,186 | 9,239 | 1,452 | 10,900 | 401 | 2,434 | 3,020 | 840 |
|  | September. | 4,099 | 9,188 | 1,450 | 11,485 | 603 | 3,920 | 4,219 | 1,368 |
|  | October . . | 4,105 | 8,780 | 1,442 | 12,465 | 642 | 3,877 | 4,137 | 1,382 |
|  | November . | 4,297 | 8,787 | 1,423 | 12,133 | 608 | 3,969 | 4,280 | 1,321 |
|  | December . | 4,467 | 10,351 | 1,400 | 12,951 | 594 | 3,757 | 4,307 | 1,430 |
| 1959 | - January . | $4,516$ | $10,430$ | $1,473$ | $12,983$ | 506 | $3,341$ | 4,394 | 1,392 |
|  | February . | $4,227$ | 10,311 | 1,569 | 11,723 | 532 | 3,706 | 5,173 | 1,488 |

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

| Type of Rubber | Inventory <br> February 1, 1959 | Production | Inventory <br> February 28, 1959 |
| :---: | :---: | :---: | :---: |
| Natural Rubber |  |  |  |
| Solid. | - | - | - |
| Latex | 50 | - | 66 |
| Total Natural Rubber | 50 | - | 66 |
| Synthetic Rubber |  |  |  |
| Buna-S ................ | 5,702 | 7,484 | 5,384 |
| Buty1 ..................... | 660 | 2,370 | 873 |
| Neoprene | 20 | - | 21 |
| All Other ................. | 1,231 | 1,869 | 1,404 |
| Total Synthetic Rubber . | 7,613 | 11,723 | 7,682 |
| Reclaimed Rubber |  |  |  |
| Solid ................... | 151 | 532 | 139 |
| Latex . . . . . . . . . . . . . . . . | 29 | - | 28 |
| Total Reclaimed Rubber . | 180 | 532 | 167 |
| TOTAL ALL RUBBER ....... | 7,843 | 12,255 | 7,915 |

Table 2 (b) - CONSUMPTION. Statement of Manufacturers Consuming Rubber. (Weight in Long Tons)


Synthetic Rubber

| Buna-S, solid | 1,984 | 4,065 | 4,220 | - | 1,829 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Buna-S, latex | 235 | 238 | 255 | 14 | 204 |
| Buna-N | 82 | 41 | 41 | 9 | 73 |
| Butyl | 190 | 432 | 417 | - | 205 |
| Neoprene | 309 | 224 | 233 | - | 300 |
| All Other | 17 | 8 | 7 | - | 18 |
| Total Synth | 2,817 | 5,008 | 5,173 | 23 | 2,629 |

Reclaimed Rubber

| Soliu | 1,239 | 1,580 | 1,469 | - | 1,350 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Late: | 54 | 17 | 19 | - | 52 |
| Total Reclaimed Rubber | 1,293 | 1,597 | 1,488 | - | 1,402 |
| TOTAL ALL RUBBER | 8,576 | 10,030 | 10,367 | 47 | 8,192 |

## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 3 (a) Consumption of all Types of Rubber, by End Products, January, 1959. Consumed in the Manufacture of:


Synthetic Rubber

| Buna-S, solid | 8,014 | 6,058 | 251 | 911 | - | 794 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Buna-S, latex | 464 | 82 | - | - | 275 | 107 |
| Buna-N | 86 | 1 | - | 21 | - | 64 |
| Butyl | 776 | 621 | 39 | 5 | - | 111 |
| Neoprene | 484 | 26 | 235 | 20 | - | 203 |
| Other | 18 | 11 | - | - | - | 7 |
| Total Synt | 9,842 | 6,799 | 525 | 957 | 275 | 1,286 |

Reclaimed Rubber

| Solid | 3,100 | 2,012 | 3 | 239 | - | 846 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Latex | 18 | 3 | - | 10 | - | 5 |
| Total | 3,118 | 2,015 | 3 | 249 | - | 851 |
| GRAND TOTAL | 20,444 | 14,073 | 587 | 1,755 | 776 | 3,253 |

Table 3 (b) - Consumption of all Types of Rubber, by End Products, February, 1959

| Type of Rubber | Consumed in the Manufacture of: |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total <br> Consumption | Tires and Tubes | Wire and Cable | Footwear | Foamed Rubber | Other Products |
|  | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\prime} \mathrm{s}$ pounds | $000^{\prime} \mathrm{s}$ pounds | $000^{\prime} \mathrm{s}$ pounds | $000^{\prime} \mathrm{s}$ <br> pounds |
| Natural Rubber pounds |  |  |  |  |  |  |
| Solid | 7,515 | 5,638 | 60 | 642 | - | 1,175 |
| Latex. | 786 | 10 | - | 4 | 625 | 147 |
| Total Natural | 8,301 | 5,648 | 60 | 646 | 625 | 1,322 |
| Synthetic Rubber |  |  |  |  |  |  |
| Buna-S, solid. | 9,453 | 7,252 | 191 | 1,137 | - | 873 |
| Buna-S, latex. | 571 | 88 | - | , | 337 | 146 |
| Buna-N ..... | 92 | 2 | - | 27 | - | 63 |
| Butyl | 933 | 755 | 36 | 14 | - | 128 |
| Neoprene | 523 | 39 | 244 | 22 | - | 218 |
| Other.... | 16 | 8 | - | - - | - | 8 |
| Total Synthetic. | 11,588 | 8,144 | 471 | 1,200 | 337 | 1,436 |
| Reclaimed Rubber |  |  |  |  |  |  |
| Solid ...... | 3,291 | 2,284 | 3 | 240 | - | 764 |
| Latex . | - 43 | - 4 | - | 26 | - | 13 |
| Total Reclaimed. | 3,334 | 2,288 | 3 | 266 | - | 77 |
| GRAND TOTAL | 23,223 | 16,080 | 534 | 2,112 | 962 | 3,533 |

## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 4 - Consumption of Natural Rubber in Total by End Products, February 1958 to February 1959, showing also percentage of Natural to all Rubber Consumed.

|  |  | Natural |  | Consumed in the Manufacture of: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Percentage of all Rubber | Tires and <br> Tubes | Wire and Cable | Foot wear | Other Products |
| 1958 |  | $000^{\prime} \mathrm{s}$ <br> pounds | Per cent | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\prime} \mathrm{s}$ <br> pounds | $00 \mathrm{~T}^{\prime} \mathrm{s}$ <br> pounds |
|  | - 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 |
|  | June | 7,068 | 34.5 | 4,748 | 29 | 560 | 1,731 |
|  | July | 6,551 | 36.1 | 4,930 | 30 | 320 | 1,271 |
|  | August | 5,452 | 38.6 | 3,419 | 41 | 612 | 1,380 |
|  | September | 8,783 | 41.2 | 6,350 | 35 | 616 | 1,782 |
|  | October | 8,685 | 41.3 | 6,295 | 46 | 592 | 1,752 |
|  | November | 8,890 | 41.5 | 6,596 | 53 | 495 | 1,746 |
|  | December | 8,415 | 39.6 | 6,280 | 37 | 384 | 1,714 |
| 1959 | - January | 7,484 | 36.6 | 5,259 | 59 | 549 | 1,617 |
|  | February | 8,301 | 35.7 | 5,648 | 60 | 646 | 1,947 |

Table 5 - Consumption of Synthetic Kubber in Total by End Products, February 1958 to February 1959, showing also percentage of Synthetic to all Rubber Consumed.

|  |  |  | thetic | Consum | d in the | Manufac | ce of: |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Percentage of all Rubber | Tires and Tubes | Wire and Cable | Foot wear | other Products |
|  |  | $000^{\prime} \mathrm{s}$ <br> pounds | Per cent | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\prime} \mathrm{s}$ <br> pounds | $000 \text { 's }$ <br> pounds |
| 1958 | - 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 |
|  | June | 10,184 | 49.7 | 7,259 | 496 | 844 | 1,585 |
|  | July | 8,715 | 48.1 | 6,799 | 322 | 513 | 1,081 |
|  | August | 6,766 | 48.0 | 4,171 | 541 | 824 | 1,230 |
|  | September | 9,453 | 44.4 | 6,480 | 528 | 856 | 1,589 |
|  | October | 9,266 | 44.0 | 6,087 | 538 | 969 | 1,672 |
|  | November | 9,586 | 44.7 | 6,520 | 623 | 911 | 1,532 |
|  | December | 9,649 | 45.4 | 6,770 | 485 | 847 | 1,547 |
| 1959 | - January | 9,842 | 48.1 | 6,799 | 525 | 957 | 1,561 |
|  | February | 11,588 | 49.9 | 8,144 | 471 | 1,200 | 1,773 |

## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 6 - Consumption of Reclaimed Rubber in Total by End Products February 1958 co February 1959, showing also Percentage of Reclaimed to all Rubber consumed.

|  |  |  | aimed | Consum | d in the | Manufac | ure of: |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Percentage of all Rubber | Tires and Tubes | Wire and Cable | Footwear | Other Products |
|  |  | $000^{\prime} \mathrm{s}$ pounds | Per cent | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\prime} \mathrm{s}$ pounds | $000^{\prime} \mathrm{s}$ <br> pounds | $000^{\prime} \mathrm{s}$ pounds |
| 1958 | - 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 |
|  | June | 3,249 | 15.8 | 2,071 | - | 238 | 940 |
|  | July | 2,857 | 15.8 | 2,153 | 1 | 180 | 523 |
|  | August | 1,882 | 13.3 | 1,252 | - | 194 | 436 |
|  | September | 3,066 | 14.4 | 2,064 | - | 236 | 766 |
|  | October. | 3,095 | 14.7 | 1,939 | 1 | 237 | 918 |
|  | November | 2,960 | 13.8 | 2,002 | 1 | 208 | 749 |
|  | December | 3,203 | 15.0 | 2,102 | 2 | 167 | 932 |
| 1959 | - January | 3,118 | 15.3 | 2,015 | 3 | 249 | 851 |
|  | February | 3,334 | 14.4 | 2,288 | 3 | 266 | 777 |

Table 7 - Consumption of Synthetic Rubber, by Types, February 1958 to February 1959.


## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 8 - Consumption of all Rubber in Total, by Types, showing percentages of Each Type to all Rubber Consumed, 1939 to 1958.

|  |  | 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 | 52.7 | 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 | $\cdots \cdots \cdot \cdots$ | $93,113,676$ | 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 | . . . . . . ${ }^{\text {c }}$ | 99,404,429 | 51.2 | 59,217,110 | 30.5 | 35,447,251 | 18.3 |
| 1952 | . . . . . . . ${ }^{\text {a }}$ | 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 |
| 1958 | . . . . . . . . . | 83,072,000 | 37.5 | 104,654,000 | 47.2 | 33,874,000 | 15.3 |

