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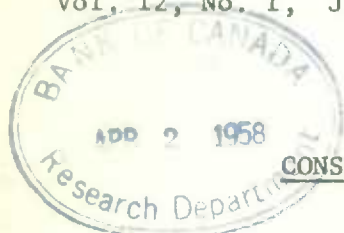
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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

The statistics made available monthly in this report are considered to represent clearly and accurately (a) the new domestic 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 January 1958 as compared with December 1957 shows a decrease in natural of 704,000 pounds, a decrease in synthetic of 121,000 pounds and a decrease in reclaimed of 233,000 pounds, the total being a decrease of 1,058,000 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 decreased by 1,265,000 pounds, consumption in rubber footwear increased by 253,000 pounds, in wire and cable increased by 46,000 pounds, in foamed rubber decreased by 135,000 pounds and in other products increased by 43,000 pounds making the total decrease of 1,058,000 pounds mentioned above.

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

6503-502-18

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, January 1957 to January 1958. Weights are given in long tons (2,240 pounds).

| Monthly Averages | Stocks, end of Period | | | Domestic Production | | Consumption | | |
|------------------|-----------------------|----------------|----------------|---------------------|----------------|-------------|----------------|----------------|
| | Natural | Syn- thetic | Re- claimed | Syn- thetic | Re- claimed | Natural | Syn- thetic | Re- claimed |
| (Long Tons) | | | | | | | | |
| 1939 | n.a. | n.a. | n.a. | - | - | 2,635 | - | 626 |
| 1940 | n.a. | n.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 - January . | 4,535 | 6,716 | 1,581 | 11,073 | 315 | 3,854 | 4,388 | 1,477 |
| February. | 5,058 | 6,349 | 1,585 | 9,770 | 384 | 3,789 | 4,206 | 1,415 |
| March ... | 4,603 | 7,492 | 1,481 | 11,074 | 404 | 3,632 | 4,251 | 1,520 |
| April ... | 4,021 | 6,974 | 1,420 | 10,960 | 366 | 3,397 | 4,199 | 1,457 |
| 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 |

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

| Type of Rubber | Inventory January 1, 1958 | Production | Inventory January 31, 1958 |
|--------------------------|------------------------------|------------|-------------------------------|
| <u>Natural Rubber</u> | | | |
| Solid | - | - | - |
| Latex | 57 | - | 70 |
| Total Natural Rubber ... | 57 | - | 70 |
| <u>Synthetic Rubber</u> | | | |
| Buna-S | 4,535 | 6,673 | 4,159 |
| Butyl | 846 | 2,335 | 781 |
| Neoprene | 30 | - | 30 |
| All Other | 742 | 1,916 | 872 |
| Total Synthetic Rubber . | 6,153 | 10,924 | 5,842 |
| <u>Reclaimed Rubber</u> | | | |
| Solid | 259 | 407 | 251 |
| Latex | 21 | - | 16 |
| Total Reclaimed Rubber . | 280 | 407 | 267 |
| TOTAL ALL RUBBER | 6,490 | 11,331 | 6,179 |

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

| Type of Rubber | Inventory January 1, 1958 | Receipts (Imports etc.) | Con- sump- tion | Sales (Exports, etc.) | Inventory January 31, 1958 |
|-------------------------|---------------------------------|-------------------------------|-----------------------|-----------------------------|----------------------------------|
| <u>Natural Rubber</u> | | | | | |
| Solid | 4,255 | 4,096 | 2,480 | - | 5,871 |
| Latex | 334 | 156 | 210 | 12 | 268 |
| Total Natural Rubber .. | 4,589 | 4,252 | 2,690 | 12 | 6,139 |
| <u>Synthetic Rubber</u> | | | | | |
| Buna-S, solid | 1,958 | 2,965 | 2,902 | 5 | 2,016 |
| Buna-S, latex | 252 | 105 | 132 | 11 | 214 |
| Buna-N | 79 | 39 | 23 | 9 | 86 |
| Butyl | 234 | 188 | 230 | - | 192 |
| Neoprene | 359 | 169 | 219 | - | 309 |
| All Other | 8 | 10 | 6 | - | 12 |
| Total Synthetic Rubber. | 2,890 | 3,476 | 3,512 | 25 | 2,829 |
| <u>Reclaimed Rubber</u> | | | | | |
| Solid | 1,262 | 1,072 | 1,087 | 1 | 1,246 |
| Latex | 78 | 3 | 17 | - | 64 |
| Total Reclaimed Rubber. | 1,340 | 1,075 | 1,104 | 1 | 1,310 |
| TOTAL ALL RUBBER | 8,819 | 8,803 | 7,306 | 38 | 10,278 |

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

| Type of Rubber | Total Consumption | Consumed in the Manufacture of:- | | | | |
|---------------------------|----------------------|----------------------------------|-------------------|------------------|------------------|-------------------|
| | | Tires and Tubes | Wire and Cable | Footwear | Foamed Rubber | Other Products |
| | 000 's pounds | 000 's pounds | 000 's pounds | 000 's pounds | 000 's pounds | 000 's pounds |
| <u>Natural Rubber -</u> | | | | | | |
| Solid | 5,555 | 3,889 | 82 | 559 | - | 1,025 |
| Latex | 471 | 12 | - | 2 | 370 | 87 |
| Total Natural ... | 6,026 | 3,901 | 82 | 561 | 370 | 1,112 |
| <u>Synthetic Rubber -</u> | | | | | | |
| Buna-S, solid | 6,501 | 4,677 | 222 | 812 | - | 790 |
| Buna-S, latex | 295 | 75 | - | - | 167 | 53 |
| Buna-N | 51 | 3 | - | 16 | - | 32 |
| Butyl | 515 | 422 | 37 | 3 | - | 53 |
| Neoprene | 491 | 27 | 265 | 14 | - | 185 |
| Other | 13 | 9 | - | - | - | 4 |
| Total Synthetic . | 7,866 | 5,213 | 524 | 845 | 167 | 1,117 |
| <u>Reclaimed Rubber -</u> | | | | | | |
| Solid | 2,436 | 1,471 | 1 | 195 | - | 769 |
| Latex | 38 | 2 | - | 21 | - | 15 |
| Total Reclaimed. | 2,474 | 1,473 | 1 | 216 | - | 784 |
| GRAND TOTAL | 16,366 | 10,587 | 607 | 1,622 | 537 | 3,013 |

Table 3(b) - Consumption of all Types of Rubber, by End Products, December, 1957.

| Type of Rubber | Total Consumption | Consumed in the Manufacture of:- | | | | |
|---------------------------|----------------------|----------------------------------|-------------------|------------------|------------------|-------------------|
| | | Tires and Tubes | Wire and Cable | Footwear | Foamed Rubber | Other Products |
| | 000 's pounds | 000 's pounds | 000 's pounds | 000 's pounds | 000 's pounds | 000 's pounds |
| <u>Natural Rubber -</u> | | | | | | |
| Solid | 6,150 | 4,719 | 42 | 352 | - | 1,037 |
| Latex | 580 | 10 | - | 3 | 465 | 102 |
| Total Natural .. | 6,730 | 4,729 | 42 | 355 | 465 | 1,139 |
| <u>Synthetic Rubber -</u> | | | | | | |
| Buna-S, solid | 6,522 | 4,828 | 222 | 768 | - | 704 |
| Buna-S, latex | 343 | 47 | - | - | 207 | 89 |
| Buna-N | 73 | 2 | - | 19 | - | 52 |
| Butyl | 567 | 394 | 30 | 8 | - | 135 |
| Neoprene | 471 | 20 | 266 | 12 | - | 173 |
| Other | 11 | 6 | - | - | - | 5 |
| Total Synthetic. | 7,987 | 5,297 | 518 | 807 | 207 | 1,158 |
| <u>Reclaimed Rubber -</u> | | | | | | |
| Solid | 2,670 | 1,826 | 1 | 181 | - | 662 |
| Latex | 37 | - | - | 26 | - | 11 |
| Total Reclaimed. | 2,707 | 1,826 | 1 | 207 | - | 673 |
| GRAND TOTAL | 17,424 | 11,852 | 561 | 1,369 | 672 | 2,970 |

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

| | <u>Natural</u> | | <u>Consumed in the Manufacture of:-</u> | | | |
|----------------------|----------------|--------------------------|---|----------------|---------------|----------------|
| | Total | Percentage of all Rubber | Tires and Tubes | Wire and Cable | Foot-wear | Other Products |
| | 000 's pounds | Per cent | 000 's pounds | 000 's pounds | 000 's pounds | 000 's pounds |
| 1957 - January | 8,635 | 39.7 | 5,938 | 98 | 678 | 1,921 |
| February | 8,486 | 40.3 | 5,876 | 88 | 645 | 1,877 |
| March | 8,135 | 38.6 | 5,518 | 62 | 665 | 1,890 |
| April | 7,609 | 37.5 | 5,139 | 38 | 527 | 1,875 |
| 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 |

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

| | <u>Synthetic</u> | | <u>Consumed in the Manufacture of:-</u> | | | |
|----------------------|------------------|--------------------------|---|----------------|---------------|----------------|
| | Total | Percentage of all Rubber | Tires and Tubes | Wire and Cable | Foot-wear | Other Products |
| | 000 's pounds | Per cent | 000 's pounds | 000 's pounds | 000 's pounds | 000 's pounds |
| 1957 - January | 9,830 | 45.1 | 6,239 | 711 | 1,013 | 1,867 |
| February | 9,421 | 44.7 | 6,207 | 569 | 868 | 1,777 |
| March | 9,522 | 45.2 | 6,351 | 592 | 876 | 1,703 |
| April | 9,404 | 46.4 | 6,234 | 568 | 880 | 1,722 |
| 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 |

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 6 - Consumption of Reclaimed Rubber in Total by End Products January 1957 to January 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 | Foot-wear | Other Products |
| | 000 's pounds | Per cent | 000 's pounds | 000 's pounds | 000 's pounds | 000 's pounds |
| 1957 - January | 3,309 | 15.2 | 2,216 | 1 | 253 | 839 |
| February | 3,170 | 15.0 | 2,139 | 1 | 244 | 786 |
| March | 3,405 | 16.2 | 2,364 | 1 | 217 | 823 |
| April | 3,264 | 16.1 | 2,173 | - | 222 | 869 |
| 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 |

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

| | Buna-S | | Butyl | Neoprene | Buna-N | Other | Total |
|-------------------|-----------|---------|---------|----------|--------|--------|------------|
| | Solid | Latex | | | | | |
| | pounds | pounds | pounds | pounds | pounds | pounds | pounds |
| 1957 - January .. | 7,874,412 | 470,138 | 765,576 | 637,290 | 66,597 | 16,818 | 9,830,831 |
| February .. | 7,484,788 | 470,996 | 778,980 | 597,926 | 72,193 | 17,143 | 9,422,026 |
| March | 7,573,095 | 455,725 | 788,689 | 611,328 | 74,156 | 19,403 | 9,522,396 |
| April | 7,435,896 | 413,554 | 865,059 | 612,707 | 60,939 | 14,890 | 9,403,045 |
| May | 8,360,840 | 419,543 | 881,580 | 661,935 | 87,246 | 18,371 | 10,429,515 |
| June | 7,483,638 | 355,608 | 873,219 | 557,055 | 68,837 | 13,442 | 9,351,799 |
| July | 6,434,256 | 294,924 | 606,254 | 359,875 | 56,608 | 16,227 | 7,768,144 |
| August ... | 4,918,019 | 308,468 | 471,950 | 522,298 | 65,814 | 8,844 | 6,295,393 |
| September. | 6,606,767 | 382,047 | 663,082 | 561,035 | 76,560 | 12,053 | 8,301,544 |
| October .. | 7,346,189 | 390,112 | 718,825 | 586,129 | 72,137 | 10,700 | 9,124,092 |
| November . | 7,352,759 | 428,019 | 592,706 | 595,283 | 65,137 | 21,384 | 9,055,288 |
| December . | 6,521,838 | 342,982 | 566,661 | 471,315 | 73,470 | 11,218 | 7,987,484 |
| 1958 - January .. | 6,500,766 | 294,912 | 514,792 | 490,679 | 51,374 | 13,379 | 7,865,902 |

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 1956

| | 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 | 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 |

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