

**4.—Forest Utilization and Depletion, 1960 and 1961 compared with
Ten-Year Average 1951-60**

| Item | Usable Wood | | | Percentages of Total Depletion | | |
|-------------------------------|--------------------|------------------|------------------|--------------------------------|--------------|--------------|
| | Average 1951-60 | 1960 | 1961 | Average 1951-60 | 1960 | 1961 |
| | M cu. ft. | M cu. ft. | M cu. ft. | | | |
| Products Utilized— | | | | | | |
| Logs and Bolts— | | | | | | |
| Domestic use..... | 1,543,657 | 1,722,114 | 1,667,238 | 43.9 | 45.3 | 28.0 |
| Exported..... | 7,352 | 5,898 | 17,753 | 0.2 | 0.1 | 0.3 |
| Pulpwood— | | | | | | |
| Domestic use..... | 1,151,574 | 1,314,138 | 1,217,439 | 32.8 | 34.6 | 20.5 |
| Exported..... | 154,829 | 97,911 | 97,875 | 4.4 | 2.6 | 1.6 |
| Fuelwood..... | 304,696 | 243,453 | 242,608 | 8.7 | 6.4 | 4.1 |
| Other products..... | 60,921 | 47,951 | 60,376 | 1.7 | 1.3 | 1.0 |
| Totals, Utilization..... | 3,223,029 | 3,431,465 | 3,303,289 | 91.7 | 90.3 | 55.5 |
| Wastage— | | | | | | |
| By forest fires..... | 293,263 | 369,606 | 2,649,996 | 8.3 | 9.7 | 44.5 |
| Totals, Depletion..... | 3,516,292 | 3,801,071 | 5,953,285 | 100.0 | 100.0 | 100.0 |

Forest Fire Statistics.—A record 8,655 forest fires burned in Canada during 1961. The area burned was nearly five times the annual average for the previous ten years. Volumes of timber lost in 1961 were about seven times greater than in 1960 and nine times more than average losses experienced between 1951 and 1960. Monetary losses were estimated at a record level of \$69,000,000 but this figure should be considered an approximation only since large portions of the area burned and timber damaged were in areas currently inaccessible for logging. Among the provinces, only Nova Scotia suffered less than average dollar losses and only Nova Scotia, Quebec and Alberta experienced smaller than average areas burned over.

5.—Forest Fire Losses, 1960 and 1961, compared with Ten-Year Average 1951-60

| Item | Average 1951-60 | 1960 ^r | 1961 |
|--|--------------------|-------------------|-------------------|
| Totals, Fires..... No. | 5,496 | 7,346 | 8,655 |
| Fires under 10 acres..... " | 4,392 | 6,074 | 6,881 |
| Fires 10 acres or over..... " | 1,104 | 1,272 | 1,774 |
| Area Burned..... acres | 1,951,302 | 1,593,460 | 9,313,479 |
| Merchantable timber..... " | 324,225 | 427,081 | 2,858,924 |
| Young growth..... " | 405,149 | 500,983 | 1,995,696 |
| Cut-over lands..... " | 327,103 | 180,927 | 377,969 |
| Non-forested lands..... " | 894,825 | 484,469 | 4,080,890 |
| Average Size of Fire..... acres | 355 | 217 | 1,076 |
| Merchantable Timber Burned— | | | |
| Large material (10 inches or over D.B.H.)..... M cu. ft. | 99,755 | 159,696 | 1,873,013 |
| Small material (4 inches to 9 inches D.B.H.)..... " | 193,509 | 209,910 | 776,983 |
| Estimated Values Destroyed¹..... \$ | 7,007,622 | 10,417,736 | 69,125,608 |
| Merchantable timber..... \$ | 4,014,385 | 6,840,311 | 54,407,012 |
| Young growth..... \$ | 1,662,594 | 2,359,632 | 10,996,066 |
| Cut-over lands..... \$ | 300,165 | 511,335 | 956,520 |
| Other property burned..... \$ | 1,030,478 | 706,458 | 2,766,010 |
| Actual Cost of Fire Fighting..... \$ | 4,322,375 | 8,432,609 | 13,488,284 |
| Totals, Damage and Fire Fighting Costs..... \$ | 11,329,997 | 18,850,345 | 82,613,892 |
| Area under protection..... sq. miles | .. | 1,378,508 | 1,392,171 |

¹ Figures do not include such values as damage to soil, stream-flow, wildlife, recreation and tourist facilities.