

**Forest Products Research.**—A special article outlining the history of the Forest Products Laboratories of Canada and describing their activities appears in the 1955 Year Book, pp. 455-461.

## Section 6.—Forest and Allied Industries

This Section is concerned with the many industries employed in the felling of timber in the forest and its transformation into the numerous utilitarian shapes and forms required in modern living. The basic industries provide the raw material for sawmills, pulp and paper mills and for a wide range of secondary industries that convert the products of the basic industries into more highly manufactured goods such as veneers and plywoods, sash and doors, furniture and a vast range of industries using wood in any form in their processes. These industries, especially the pulp and paper industry and the lumber industry, contribute substantially to the value of the export trade of Canada and thereby provide the exchange necessary to pay for a large share of the imports purchased from other countries, particularly the United States.

### Subsection 1.—Woods Operations

In connection with operations in the woods the forests provide not only the raw materials for the sawmills, pulp mills, wood distillation, charcoal, excelsior and other plants, but also the logs, pulpwood and bolts for export in the unmanufactured state, and fuel, poles, railway ties, posts and fence rails, mining timber, piling and other primary products which are finished in the woods ready for use or export. A number of minor forest products help swell the total, such as Christmas trees, maple sugar and syrup, balsam gum, resin, cascara, moss and tanbark.

It has been estimated that operations in the woods during the logging season in 1953 gave employment amounting to 40,794,000 man-days and distributed \$463,000,000 in wages and salaries.

### 7.—Value of Woods Operations by Product 1948-53

| Product                     | 1948                 | 1949                 | 1950                 | 1951                 | 1952                 | 1953                 |
|-----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                             | \$                   | \$                   | \$                   | \$                   | \$                   | \$                   |
| Logs and bolts.....         | 215, 108, 932        | 207, 789, 335        | 253, 649, 547        | 316, 027, 115        | 304, 262, 790        | 308, 965, 959        |
| Pulpwood.....               | 284, 656, 819        | 270, 697, 980        | 285, 762, 620        | 381, 920, 846        | 396, 102, 104        | 370, 912, 264        |
| Fuelwood.....               | 49, 535, 855         | 48, 816, 965         | 49, 804, 328         | 50, 521, 011         | 61, 355, 643         | 53, 427, 086         |
| Hewn railway ties.....      | 1, 303, 596          | 917, 033             | 495, 509             | 612, 583             | 1, 292, 636          | 771, 421             |
| Poles.....                  | 13, 116, 480         | 11, 485, 488         | 19, 209, 308         | 13, 249, 988         | 16, 961, 456         | 15, 798, 908         |
| Round mining timber.....    | 10, 268, 435         | 10, 376, 305         | 3, 767, 076          | 6, 420, 818          | 19, 917, 669         | 8, 530, 523          |
| Fence posts.....            | 2, 489, 286          | 2, 640, 576          | 2, 906, 249          | 2, 920, 922          | 3, 432, 675          | 3, 062, 977          |
| Wood for distillation.....  | 497, 286             | 467, 997             | 425, 918             | 466, 491             | 441, 443             | 415, 271             |
| Fence rails.....            | 591, 484             | 644, 844             | 705, 106             | 671, 491             | 758, 519             | 679, 151             |
| Miscellaneous products..... | 8, 726, 895          | 7, 575, 539          | 9, 008, 942          | 9, 713, 750          | 11, 126, 259         | 11, 643, 562         |
| <b>Totals.....</b>          | <b>586, 295, 068</b> | <b>561, 412, 062</b> | <b>625, 734, 603</b> | <b>782, 525, 015</b> | <b>815, 651, 194</b> | <b>774, 207, 122</b> |