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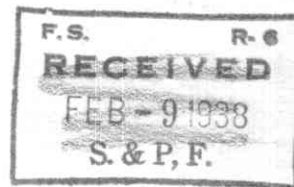
NUMBER 24

FEBRUARY 1, 1938

## PRODUCTION OF LUMBER, LATH, AND SHINGLES IN WASHINGTON AND OREGON 1869-1936

COMPILED BY  
HERMAN M. JOHNSON

SECTION OF FOREST PRODUCTS



PACIFIC NORTHWEST  
FOREST AND RANGE EXPERIMENT STATION

U.S. COURT HOUSE

PORTLAND, OREGON

WHP  
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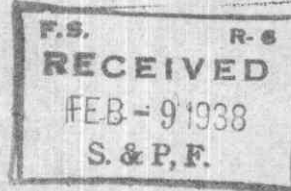
UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
PACIFIC NORTHWEST FOREST AND RANGE EXPERIMENT STATION



ADDRESS REPLY TO  
DIRECTOR  
AND REFER TO

424 U. S. COURT HOUSE,  
MAIN AND SIXTH STREETS,  
PORTLAND, OREGON

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Publications  
Forest Research Notes No. 24



February 9, 1938

Dear Sir:

We take great pleasure in enclosing for your information and files a copy of Forest Research Notes No. 24.

In this, Herman M. Johnson of the Division of Forest Products has brought together all available statistics on lumber, lath, and shingle production in the States of Washington and Oregon. For the most part the data have been taken from published reports of the Bureau of the Census, U. S. Department of Commerce and the Forest Service, U. S. Department of Agriculture.

The production figures presented in tables 3 and 4, however, never have been officially published prior to this time. Through a cooperative agreement the Division of Forest Products of this Station distributes and edits schedules for the Census Bureau. Confidential records of each operator's production are kept on file, and from these it has been possible to segregate State lumber production into "west side", essentially the Douglas fir region, and "east side", essentially the ponderosa pine region. We have many requests to show production by small territorial units such as counties. This can be done only where the segregation by counties or groups of counties does not tend to disclose the operations of individual companies.

We hope that these statistics will prove of interest and value to you.

Very truly yours,

THORNTON T. MUNGER, Director

By

*H. J. Andrews*

Acting

Enclosure

## LUMBER, SHINGLE, AND LATH PRODUCTION IN WASHINGTON AND OREGON

For the information of Government and State agencies and of the public, data on annual lumber, shingle, and lath production in Washington and Oregon during the period 1869-1936 are here presented in tabular and graphic form. These data were obtained by the Forest Service, under cooperative agreement with the Bureau of the Census. They include the product of all mills cutting 50 thousand board feet or more per year. The total annual output of smaller mills in this region is negligible.

Lumber production in this region reached its peak in 1929, when it amounted to 12,086 million board feet. The 1926 total was 12,001 million board feet. In those two years, respectively, the region's Douglas fir lumber production totaled 8,283 and 8,398 million board feet and its ponderosa pine lumber production totaled ~~4,526~~ and ~~3,603~~ million board feet. The greatest annual total of ponderosa pine lumber was the 1,595 million board feet cut in 1936. Peak production of western red cedar shingles, amounting to 10,509,914 thousand pieces, occurred in 1905.

Tables 1 and 2 show lumber production of Washington and Oregon by species for each of the years 1869, 1879, 1889, 1899, and 1904-36. Tables 3 and 4 show corresponding information for the years 1925-36 for the "east side" and "west side" into which each of these States is divided by the summit of the Cascade Range. (The west side is known as the Douglas fir region and the east side as the ponderosa pine region, according to the predominating species. However, the cut of Hood River County, on the east side, is practically all Douglas fir, and the cuts of Jackson and Josephine Counties, on the west side, are principally ponderosa pine and sugar pine.) Table 5 shows annual shingle and lath production of Washington and Oregon for 1899 and for each of the years 1904-12 and 1915-36. Figure 1 shows trends of Douglas fir lumber production, Figures 2 and 3 show trends of production of lumber of other species, and Figure 4 shows trends of production of shingle and lath in the two States.

TABLE 1.—ANNUAL LUMBER PRODUCTION OF WASHINGTON, BY SPECIES, 1869, 1879, 1889, 1899, AND 1904-36

THOUSANDS OF BOARD FEET

| YEAR | TOTAL<br>(ALL SPECIES) | DOUGLAS<br>FIR | PINE    | SPRUCE  | WESTERN<br>HEMLOCK | WESTERN<br>WHITE<br>PINE | WESTERN<br>LARCH | WHITE<br>FIR | BIGLEAF<br>MAPLE | ALDER | RED<br>COTTONWOOD | BLACK<br>OAK | WHITE<br>OAK | OREGON<br>PAPER | WESTERN<br>BIRCH | OTHER<br>SOFT-<br>WOODS | HARD-<br>WOODS |
|------|------------------------|----------------|---------|---------|--------------------|--------------------------|------------------|--------------|------------------|-------|-------------------|--------------|--------------|-----------------|------------------|-------------------------|----------------|
| 1869 | 125,070                | 125,070        | 101,000 | 24,070  | —                  | —                        | —                | —            | —                | —     | —                 | —            | —            | —               | —                | —                       | —              |
| 1879 | 160,000                | 160,000        | 124,000 | 36,000  | —                  | —                        | —                | —            | —                | —     | —                 | —            | —            | —               | —                | —                       | —              |
| 1889 | 110,000                | 110,000        | 84,000  | 26,000  | —                  | —                        | —                | —            | —                | —     | —                 | —            | —            | —               | —                | —                       | —              |
| 1899 | 1,429,032              | 1,152,672      | 95,367  | 84,492  | 204                | 3,920                    | 3,970            | 2,000        | 2,000            | 300   | 200               | 3,203        | —            | —               | —                | —                       | 5              |
| 1904 | 2,485,628              | 2,006,129      | 232,534 | 133,490 | 11,960             | 4,000                    | 365              | —            | 150              | —     | —                 | 150          | —            | —               | —                | 300                     | 300            |
| 1905 | 3,917,166              | 3,125,325      | 217,074 | 252,174 | 84,773             | 32,664                   | 23,365           | 20           | 231              | —     | 239               | —            | 205          | —               | —                | —                       | 1,152          |
| 1906 | 4,305,053              | 3,405,510      | 265,820 | 236,648 | 90,002             | 23,415                   | 31,249           | 8,131        | 75               | —     | 699               | —            | 11           | —               | —                | —                       | —              |
| 1907 | 3,777,606              | 3,107,114      | 245,128 | 127,719 | 167,493            | 22,558                   | 40,233           | 6,370        | 608              | —     | 1,689             | —            | 48           | —               | —                | —                       | 50             |
| 1908 | 2,915,928              | 2,307,212      | 193,365 | 115,135 | 163,098            | 24,843                   | 44,084           | 11,115       | 664              | —     | 670               | —            | 1,159        | —               | —                | —                       | 142            |
| 1909 | 3,862,916              | 3,060,993      | 266,357 | 183,952 | 109,268            | 33,960                   | 39,795           | 7,491        | 389              | —     | 769               | —            | 106          | —               | —                | —                       | 300            |
| 1910 | 4,097,492              | 3,259,546      | 255,842 | 201,505 | 145,129            | 12,903                   | 29,465           | 17,296       | 532              | —     | 3,121             | —            | 4            | —               | —                | —                       | 1,087          |
| 1911 | 4,064,754              | 3,361,120      | 185,095 | 195,335 | 126,594            | 20,216                   | 30,223           | 8,876        | 272              | —     | 3,056             | —            | 20           | —               | —                | —                       | 378            |
| 1912 | 4,099,775              | 3,381,395      | 177,108 | 153,518 | 161,630            | 41,762                   | 29,364           | 12,919       | 142              | —     | 1,995             | —            | 13           | —               | —                | —                       | —              |
| 1913 | 4,592,053              | 3,615,430      | 192,663 | 233,443 | 214,843            | 89,974                   | 39,277           | 1,323        | 30               | —     | 1,850             | —            | 6            | —               | —                | —                       | 30             |
| 1914 | 3,946,189              | 3,027,994      | 175,426 | 294,284 | 189,277            | 26,958                   | 19,502           | 3,473        | 330              | —     | 1,065             | —            | 75           | —               | —                | —                       | 326            |
| 1915 | 3,726,343              | 2,754,179      | 148,789 | 201,561 | 196,203            | 90,240                   | 21,477           | 6,783        | 150              | —     | 181               | —            | 80           | —               | —                | —                       | 120            |
| 1916 | 4,492,997              | 3,546,532      | 188,215 | 155,532 | 267,313            | 64,128                   | 30,534           | 18,042       | 215              | —     | 929               | —            | 82           | —               | —                | —                       | 100            |
| 1917 | 4,304,449              | 3,320,044      | 217,353 | 135,820 | 198,271            | 56,955                   | 34,242           | 23,736       | 125              | —     | 290               | —            | 80           | —               | —                | —                       | 140            |
| 1918 | 4,602,469              | 3,578,931      | 220,231 | 102,379 | 275,826            | 65,356                   | 48,248           | 32,790       | 743              | —     | 884               | —            | 47           | —               | —                | —                       | 936            |
| 1919 | 4,961,220              | 3,976,631      | 217,339 | 205,393 | 229,145            | 63,214                   | 63,870           | 17,979       | 83               | —     | 180               | —            | 19           | —               | —                | —                       | 12             |
| 1920 | 5,524,509              | 4,275,017      | 278,573 | 113,351 | 495,444            | 69,051                   | 66,266           | 32,395       | 288              | —     | 260               | —            | —            | —               | —                | —                       | 1,193          |
| 1921 | 3,831,800              | 2,889,543      | 186,560 | 120,765 | 151,845            | 107,210                  | 25,648           | 7,980        | 2                | —     | 148               | —            | —            | —               | —                | —                       | 1,615          |
| 1922 | 5,836,277              | 4,414,104      | 260,773 | 181,226 | 204,565            | 105,408                  | 35,474           | 25,399       | 671              | —     | 705               | —            | 17           | —               | —                | —                       | 728            |
| 1923 | 6,677,656              | 5,047,712      | 330,514 | 225,503 | 446,122            | 80,254                   | 40,093           | 26,966       | 714              | —     | 2,626             | —            | —            | —               | —                | —                       | 1,932          |
| 1924 | 6,267,343              | 4,597,213      | 333,209 | 195,589 | 164,935            | 86,852                   | 43,174           | 14,670       | 762              | —     | 1,426             | —            | —            | —               | —                | —                       | 2,527          |
| 1925 | 7,027,325              | 5,912,204      | 441,303 | 226,664 | 207,927            | 107,425                  | 33,666           | 14,395       | 585              | —     | 250               | —            | 40           | —               | —                | —                       | 2,235          |
| 1926 | 7,546,239              | 5,409,968      | 444,611 | 194,276 | 190,498            | 155,546                  | 36,625           | 15,816       | 699              | —     | 730               | —            | 6            | —               | —                | —                       | 3,436          |
| 1927 | 7,325,862              | 5,216,546      | 354,790 | 169,505 | 152,294            | 126,061                  | 38,421           | 16,724       | 4,143            | —     | 8,102             | —            | 869          | —               | —                | —                       | 218            |
| 1928 | 7,305,277              | 5,072,651      | 379,673 | 151,970 | 181,365            | 136,497                  | 34,797           | 23,481       | 1,703            | —     | 914               | —            | —            | —               | —                | —                       | 55             |
| 1929 | 7,302,063              | 5,101,356      | 449,420 | 167,676 | 161,030            | 125,888                  | 38,258           | 28,400       | 4,258            | —     | 1,574             | —            | 400          | —               | —                | —                       | 226            |
| 1930 | 5,502,129              | 4,826,066      | 335,054 | 143,734 | 103,999            | 945,795                  | 24,906           | 25,853       | 1,672            | —     | 653               | —            | 188          | —               | —                | —                       | 200            |
| 1931 | 3,907,997              | 3,294,110      | 276,254 | 75,387  | 42,091             | 592,590                  | 20,973           | 22,147       | 1,605            | —     | 3,566             | —            | —            | —               | —                | —                       | 20             |
| 1932 | 2,660,689              | 2,170,164      | 196,597 | 36,580  | 28,152             | 155,340                  | 4,729            | 2,090        | 1,818            | —     | 182               | —            | 70           | —               | —                | —                       | 54             |
| 1933 | 3,106,095              | 2,445,119      | 233,249 | 61,685  | 43,521             | 218,155                  | 6,182            | 12,905       | 2,733            | —     | 917               | —            | —            | —               | —                | —                       | 50             |
| 1934 | 3,064,270              | 2,374,357      | 237,157 | 72,553  | 65,681             | 201,169                  | 11,182           | 15,024       | 3,525            | —     | 493               | —            | 188          | —               | —                | —                       | 136            |
| 1935 | 3,452,527              | 2,717,390      | 281,452 | 82,313  | 55,464             | 184,911                  | 16,366           | 11,214       | 5,685            | —     | 623               | —            | 119          | —               | —                | —                       | 47             |
| 1936 | 4,572,397              | 3,593,669      | 304,414 | 109,211 | 86,764             | 343,421                  | 17,746           | 3,272        | 4,865            | —     | 2,340             | —            | 122          | —               | —                | —                       | 40             |
| 1937 | —                      | —              | —       | —       | —                  | —                        | —                | —            | —                | —     | —                 | —            | —            | —               | —                | —                       | —              |
| 1938 | —                      | —              | —       | —       | —                  | —                        | —                | —            | —                | —     | —                 | —            | —            | —               | —                | —                       | —              |
| 1939 | —                      | —              | —       | —       | —                  | —                        | —                | —            | —                | —     | —                 | —            | —            | —               | —                | —                       | —              |

1/ WESTERN RED CEDAR. 2/ PRINCIPALLY SITKA SPRUCE. INCLUDES A VERY SMALL QUANTITY OF ENGELMANN SPRUCE CUT EAST OF THE CASCADE RANGE.

3/ INCLUDES A VERY SMALL QUANTITY OF THE WHITE FIRS MARKETED AS LARCH AND SO REPORTED TO THE BUREAU OF THE CENSUS.

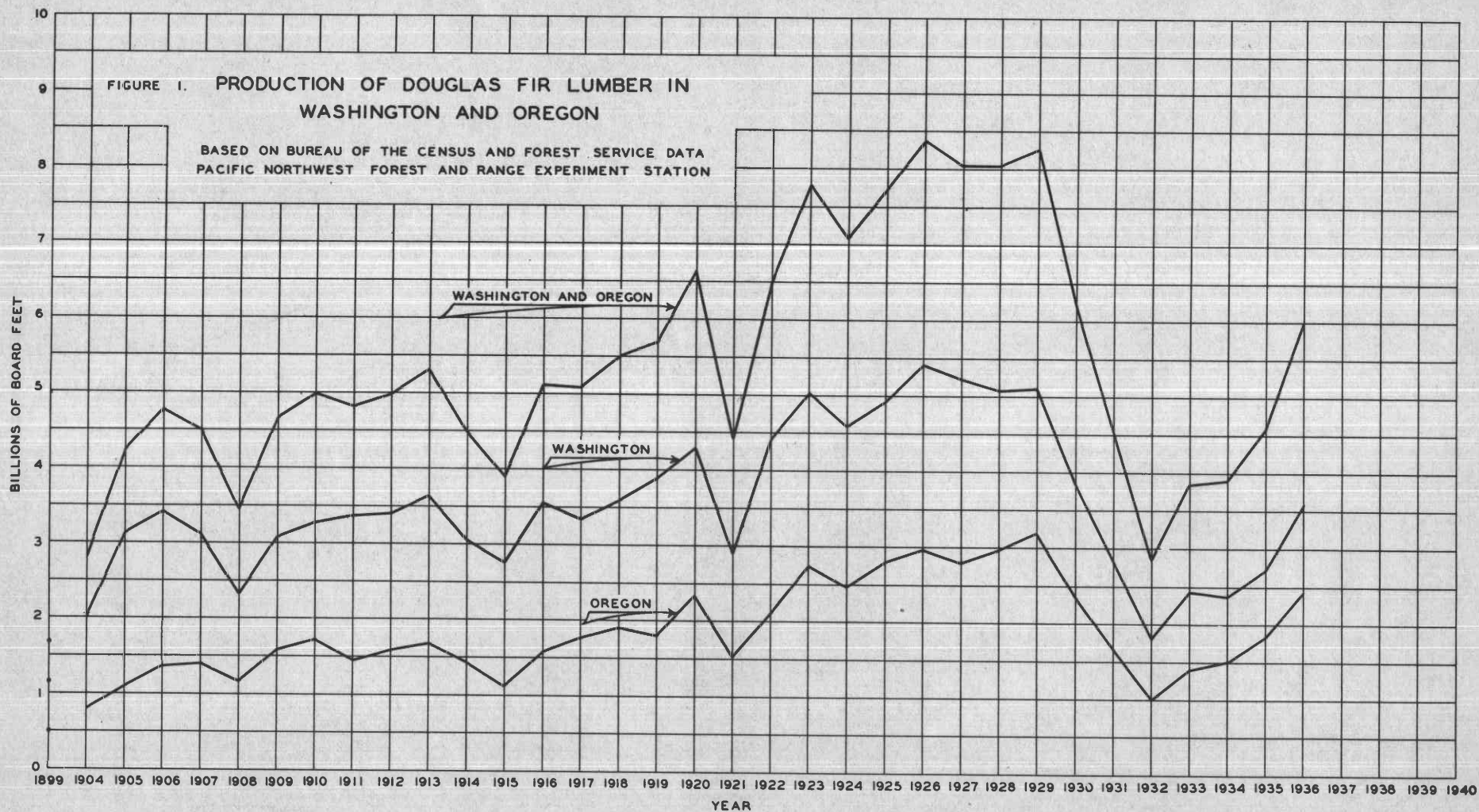
4/ ALMOST EXCLUSIVELY LONGLEAF PINE.

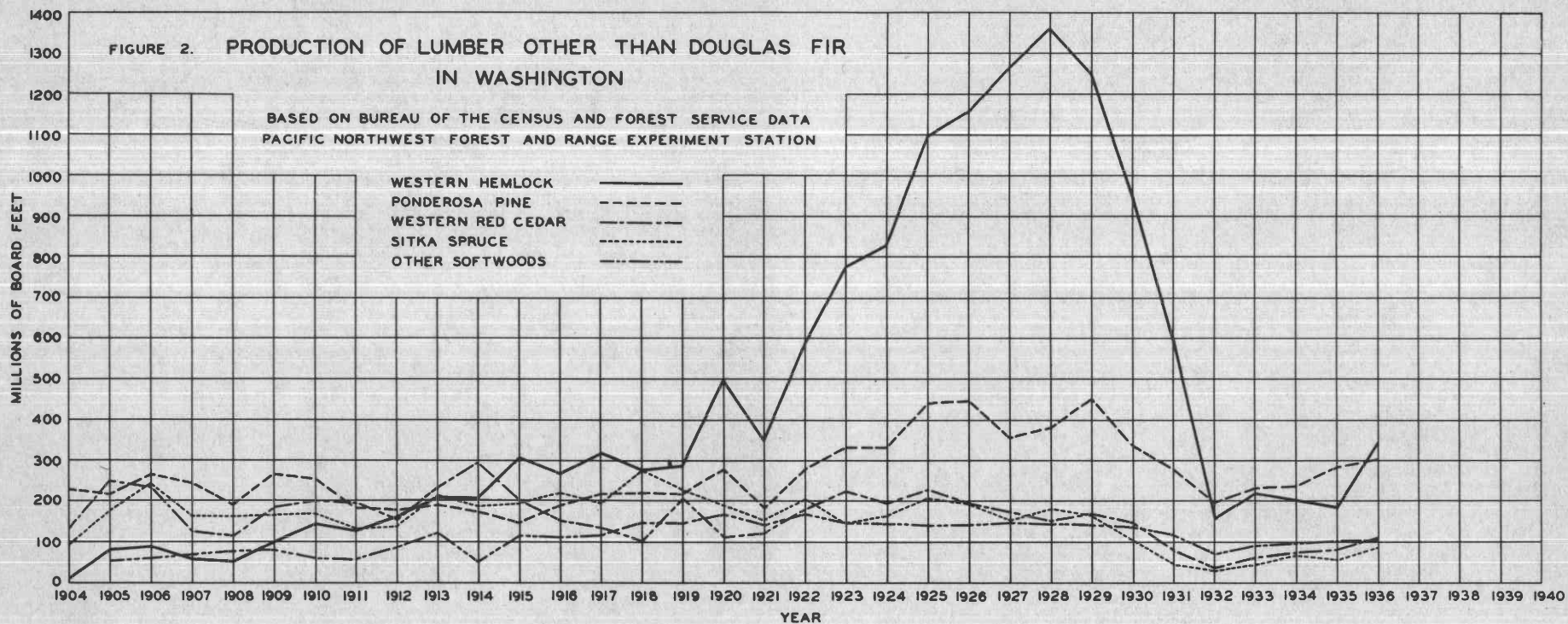
TABLE 2.—ANNUAL LUMBER PRODUCTION OF OREGON, BY SPECIES, IN 1869, 1879, 1889, 1899, AND 1904-35

THOUSANDS OF BOARD FEET

| YEAR | TOTAL<br>(ALL SPECIES) | DOUGLAS<br>FIR | PINE      | CEDAR  | SITKA<br>SITKA | WESTERN<br>HEMLOCK | WHITE<br>FIR | WESTERN<br>SUGAR<br>PINE | RED<br>ALDER | ASH   | OREGON<br>BIG LEAF<br>MAPLE | BLACK<br>COTTONWOOD | OTHER<br>SOFTWOODS<br>HARDWOODS |
|------|------------------------|----------------|-----------|--------|----------------|--------------------|--------------|--------------------------|--------------|-------|-----------------------------|---------------------|---------------------------------|
| 1869 | 15,000                 | 5,435          | 54        | 15,000 | 15             | —                  | —            | —                        | —            | —     | —                           | —                   | —                               |
| 1879 | 171,000                | 172            | 134,346   | 136    | 35,000         | 35                 | —            | —                        | —            | —     | —                           | —                   | —                               |
| 1889 | 463,000                | 463            | 304,000   | 304    | 100,000        | 100                | —            | —                        | —            | —     | —                           | —                   | —                               |
| 1899 | 734,538                | 501,237        | 133,428   | 31,670 | 63,209         | 351                | 877          | —                        | 1,450        | 967   | 610                         | 87                  | 103                             |
| 1904 | 987,107                | 780,257        | 135,807   | 13,260 | 35,520         | 10,275             | 2,317        | 5,366                    | —            | 1,530 | 705                         | 1,840               | 200                             |
| 1905 | 1,262,610              | 1,076,695      | 84,955    | 25,428 | 57,208         | 3,884              | 1,075        | 3,610                    | 3,083        | —     | —                           | 1,150               | 983                             |
| 1906 | 1,604,894              | 1,347,467      | 131,460   | 20,461 | 78,652         | 9,847              | 2,841        | 3,766                    | 3,409        | —     | —                           | 1,377               | 1,625                           |
| 1907 | 1,635,563              | 1,379,322      | 133,837   | 22,535 | 63,024         | 13,164             | 5,728        | 6,968                    | 6,258        | —     | —                           | 1,636               | 65                              |
| 1908 | 1,468,158              | 1,162,951      | 154,710   | 22,132 | 71,307         | 22,020             | 9,789        | 12,878                   | 7,309        | —     | —                           | 710                 | 151                             |
| 1909 | 1,898,995              | 1,581,621      | 169,592   | 26,607 | 57,002         | 24,794             | 5,586        | 22,354                   | 8,369        | —     | —                           | 883                 | 51                              |
| 1910 | 2,084,633              | 1,714,462      | 209,636   | 27,405 | 71,063         | 21,576             | 8,730        | 25,726                   | 1,604        | —     | —                           | 181                 | 31                              |
| 1911 | 1,803,698              | 1,454,082      | 185,554   | 26,806 | 73,618         | 19,236             | 7,966        | 23,492                   | 2,517        | 2,776 | —                           | 1,899               | 32                              |
| 1912 | 1,916,160              | 1,589,670      | 152,769   | 20,654 | 70,938         | 30,681             | 20,665       | 13,420                   | 4,040        | 1,305 | —                           | 1,676               | 50                              |
| 1913 | 2,098,467              | 1,675,391      | 216,665   | 21,902 | 74,198         | 66,218             | 7,735        | 21,228                   | 2,903        | 2,352 | —                           | 50                  | 495                             |
| 1914 | 1,817,875              | 1,435,073      | 210,438   | 23,706 | 63,488         | 45,192             | 15,072       | 11,763                   | 3,791        | 796   | —                           | 339                 | 76                              |
| 1915 | 1,505,633              | 1,119,395      | 189,203   | 39,835 | 65,377         | 61,963             | 12,592       | 15,506                   | 615          | 622   | —                           | 235                 | —                               |
| 1916 | 2,221,854              | 1,572,469      | 399,102   | 46,138 | 96,245         | 70,014             | 20,451       | 8,478                    | 3,786        | 86    | —                           | 1,215               | 95                              |
| 1917 | 2,465,783              | 1,759,044      | 469,408   | 42,088 | 120,647        | 49,479             | 19,847       | 13,793                   | 4,617        | 1,000 | —                           | 1,170               | 33                              |
| 1918 | 2,708,955              | 1,898,080      | 437,452   | 45,797 | 215,828        | 68,150             | 11,418       | 12,841                   | 3,377        | 2,322 | —                           | 1,259               | 5,550                           |
| 1919 | 2,577,403              | 1,795,492      | 480,514   | 32,763 | 166,056        | 52,905             | 22,731       | 18,968                   | 4,503        | 664   | —                           | 1,265               | 6                               |
| 1920 | 3,316,098              | 2,347,368      | 630,326   | 34,482 | 165,418        | 89,130             | 14,199       | 17,938                   | 4,772        | 2,830 | —                           | 1,035               | 6,828                           |
| 1921 | 2,022,219              | 1,528,198      | 310,235   | 29,934 | 79,446         | 49,685             | 9,788        | 9,549                    | 1,234        | 408   | —                           | 1,027               | 207                             |
| 1922 | 3,023,768              | 2,103,586      | 547,386   | 61,452 | 177,404        | 87,000             | 4,853        | 10,469                   | 10,776       | 6,767 | —                           | 1,462               | 1,219                           |
| 1923 | 3,966,083              | 2,752,495      | 775,941   | 50,012 | 214,897        | 96,707             | 4,503        | 9,604                    | 20,678       | 359   | —                           | 1,817               | 1,330                           |
| 1924 | 3,665,547              | 2,478,583      | 740,787   | 44,369 | 203,526        | 115,449            | 9,135        | 14,808                   | 7,423        | 2,325 | —                           | 1,143               | 1,189                           |
| 1925 | 4,216,303              | 2,792,432      | 1,000,694 | 53,985 | 175,454        | 131,561            | 11,535       | 15,163                   | 7,536        | 538   | —                           | 1,102               | 18                              |
| 1926 | 4,454,735              | 2,987,747      | 1,031,048 | 80,591 | 222,019        | 190,491            | 10,703       | 17,690                   | 2,643        | 295   | —                           | 1,788               | —                               |
| 1927 | 3,992,852              | 2,795,392      | 851,540   | 54,391 | 107,343        | 148,376            | 9,622        | 9,864                    | 7,327        | 477   | —                           | 1,534               | —                               |
| 1928 | 4,371,924              | 2,666,207      | 988,719   | 51,410 | 135,722        | 181,825            | 14,076       | 5,973                    | 16,639       | 1,328 | —                           | 1,503               | 5                               |
| 1929 | 4,784,009              | 3,182,129      | 1,119,389 | 62,807 | 139,569        | 207,282            | 23,742       | 12,039                   | 21,604       | 3,613 | —                           | 2,011               | 17                              |
| 1930 | 3,654,075              | 2,359,062      | 959,581   | 38,513 | 129,237        | 119,379            | 10,961       | 9,473                    | 8,011        | 1,210 | —                           | 4,296               | 26                              |
| 1931 | 2,628,035              | 1,675,213      | 734,229   | 34,732 | 114,142        | 77,099             | 3,340        | 6,594                    | 4,971        | 3,094 | —                           | 950                 | 4                               |
| 1932 | 1,603,892              | 1,018,515      | 436,764   | 27,356 | 51,136         | 43,452             | 13,935       | 3,341                    | 1,965        | 5,734 | —                           | 1,543               | 16                              |
| 1933 | 2,256,028              | 1,407,336      | 681,090   | 29,772 | 63,355         | 39,921             | 3,623        | 971                      | 7,735        | 1,119 | —                           | 5,120               | 175                             |
| 1934 | 2,379,642              | 1,511,745      | 681,939   | 35,550 | 13,751         | 40,878             | 5,701        | 1,514                    | 17,223       | 2,413 | —                           | 7,919               | 4                               |
| 1935 | 3,145,237              | 1,855,141      | 1,028,253 | 52,451 | 72,504         | 64,204             | 13,076       | 1,456                    | 31,599       | 6,871 | —                           | 5,752               | —                               |
| 1936 | 4,077,424              | 2,434,393      | 1,290,304 | 66,175 | 86,276         | 75,460             | 25,682       | 5,886                    | 60,504       | 3,720 | —                           | 10,746              | —                               |
| 1937 | —                      | —              | —         | —      | —              | —                  | —            | —                        | —            | —     | —                           | —                   | —                               |
| 1938 | —                      | —              | —         | —      | —              | —                  | —            | —                        | —            | —     | —                           | —                   | —                               |
| 1939 | —                      | —              | —         | —      | —              | —                  | —            | —                        | —            | —     | —                           | —                   | —                               |

1/ PORT ORFORD CEDAR, WESTERN RED CEDAR, AND INCENSE CEDAR. THE CUT OF PORT ORFORD CEDAR APPROXIMATELY 75 TO 95 PERCENT OF THE QUANTITIES SHOWN.  
2/ THE QUANTITIES SHOWN FOR 1920 AND 1936 INCLUDE A VERY SMALL QUANTITY OF THE WHITE FIRS. 3/ LODGEPOLE PINE. 4/ REDWOOD.





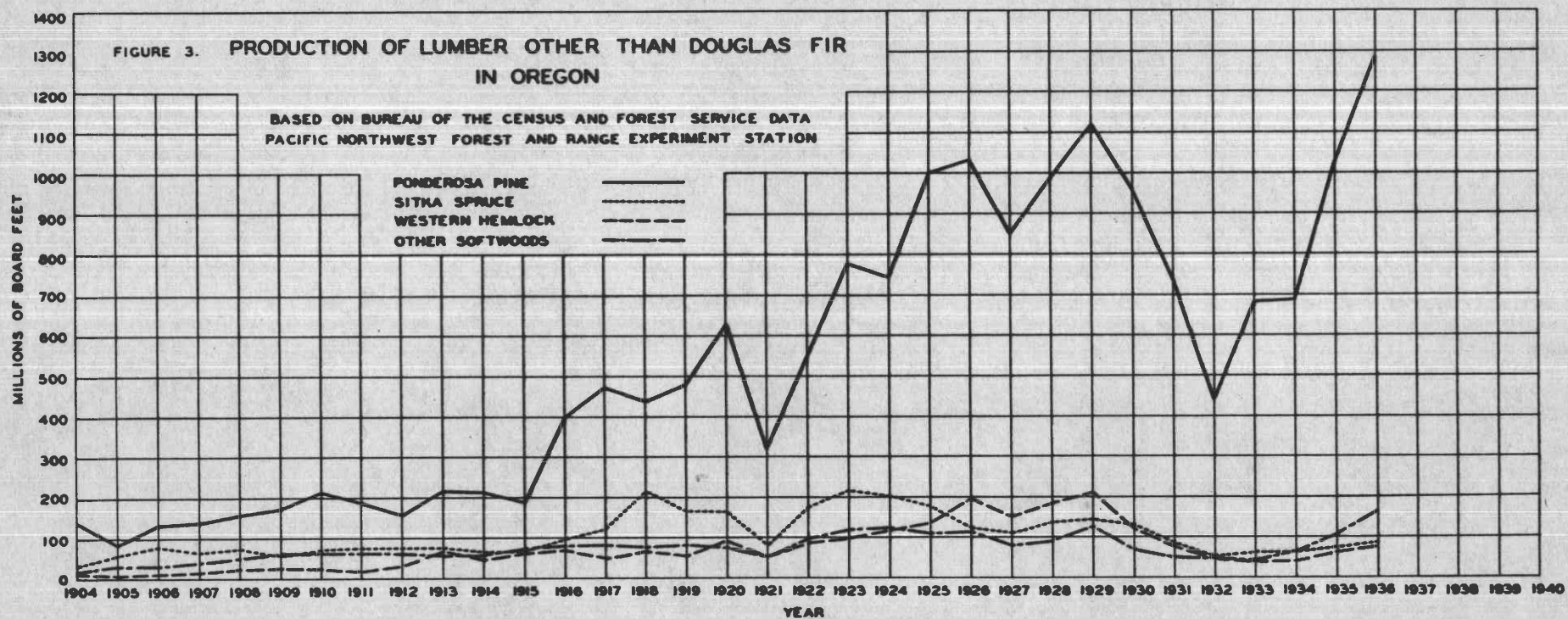


TABLE 3.—ANNUAL LUMBER PRODUCTION OF WASHINGTON, BY SPECIES AND SUBREGION<sup>1/</sup>, IN 1925-36

THOUSANDS OF BOARD FEET

| YEAR AND SUBREGION | TOTAL (ALL SPECIES) | DOUGLAS FIR | PONDEROSA PINE | CEDAR <sup>2/</sup> | SPRUCE <sup>3/</sup> | WESTERN WHITE PINE | WESTERN LARCH | WHITE FIR | BIG LEAF MAPLE | RED ALDER | NORTHERN BLACK OAK | OREGON WHITE PINE | PAPER BIRCH | SOFTWOODS <sup>5/</sup> | HARDWOODS |
|--------------------|---------------------|-------------|----------------|---------------------|----------------------|--------------------|---------------|-----------|----------------|-----------|--------------------|-------------------|-------------|-------------------------|-----------|
| 1925               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 6,346,990           | 4,819,374   | 1,000          | 222,032             | 199,712              | 1,093,557          | -             | 8,090     | 585            | -         | 241                | 40                | 5           | 65                      | 2,235     |
| EAST SIDE          | 680,329             | 92,830      | 440,243        | 4,632               | 8,215                | 3,668              | 90,559        | 33,666    | 6,305          | -         | 9                  | -                 | -           | 2                       | -         |
| 1926               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 6,071,104           | 5,317,577   | 4,727          | 192,225             | 188,220              | 1,153,082          | 1,548         | 8,845     | 659            | -         | 730                | -                 | 6           | 179                     | 3,306     |
| EAST SIDE          | 675,135             | 92,391      | 439,884        | 2,051               | 2,278                | 2,464              | 88,991        | 36,625    | 6,971          | -         | -                  | -                 | -           | 3,350                   | 130       |
| 1927               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 6,749,572           | 5,145,019   | 1,171          | 165,013             | 149,604              | 1,264,976          | 3,374         | 5,583     | 4,143          | 8,102     | -                  | 869               | -           | 218                     | 1,500     |
| EAST SIDE          | 576,290             | 71,527      | 353,619        | 4,492               | 2,690                | 1,085              | 93,293        | 38,421    | 11,141         | -         | -                  | -                 | -           | 22                      | -         |
| 1928               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 6,098,646           | 4,981,205   | 3,527          | 147,751             | 172,469              | 1,354,529          | 2,176         | 5,997     | 17,551         | 1,703     | 8,454              | 860               | -           | 92                      | 55        |
| EAST SIDE          | 606,431             | 91,446      | 376,146        | 4,219               | 8,896                | 7,968              | 62,972        | 28,800    | 5,930          | -         | -                  | 54                | -           | -                       | 2,135     |
| 1929               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 6,602,534           | 4,996,716   | 8,098          | 164,199             | 150,113              | 1,249,776          | 1,703         | 2,000     | 2,611          | 4,258     | 17,445             | 1,574             | 400         | 226                     | 159       |
| EAST SIDE          | 699,529             | 104,640     | 441,322        | 3,477               | 10,917               | 3,112              | 73,976        | 36,258    | 25,789         | -         | -                  | -                 | -           | -                       | 38        |
| 1930               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 4,967,414           | 3,757,782   | 1,594          | 140,703             | 91,830               | 945,606            | 1,050         | -         | 18,196         | 1,672     | 6,615              | 366               | 188         | -                       | 200       |
| EAST SIDE          | 534,715             | 68,284      | 333,460        | 3,031               | 12,069               | 189                | 84,831        | 24,906    | 7,657          | -         | -                  | 287               | -           | -                       | 1         |
| 1931               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 3,483,496           | 2,750,053   | 6,038          | 71,763              | 40,511               | 591,526            | 254           | -         | 10,219         | 1,605     | 7,177              | 3,566             | -           | -                       | 784       |
| EAST SIDE          | 424,501             | 44,057      | 270,216        | 3,624               | 1,580                | 1,064              | 71,039        | 20,973    | 11,928         | -         | -                  | -                 | -           | -                       | 20        |
| 1932               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 1,973,934           | 1,746,742   | 1,885          | 35,822              | 27,247               | 155,137            | 640           | -         | 478            | 1,618     | 3,791              | 182               | 70          | 54                      | 68        |
| EAST SIDE          | 286,755             | 23,422      | 194,712        | 758                 | 905                  | 203                | 60,414        | 4,729     | 1,612          | -         | -                  | -                 | -           | -                       | -         |
| 1933               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 2,749,491           | 2,406,892   | -              | 57,615              | 41,734               | 216,849            | 2,428         | 79        | 8,999          | 2,733     | 11,045             | 898               | -           | 50                      | 169       |
| EAST SIDE          | 356,604             | 38,227      | 233,249        | 4,070               | 1,787                | 1,306              | 67,937        | 6,103     | 3,906          | -         | -                  | 19                | -           | -                       | -         |
| 1934               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 2,686,687           | 2,324,211   | 121            | 70,255              | 57,196               | 200,726            | 3,514         | -         | 12,514         | 3,525     | 13,568             | 302               | 188         | 136                     | 398       |
| EAST SIDE          | 377,583             | 50,146      | 237,036        | 2,298               | 8,485                | 443                | 65,292        | 11,182    | 2,510          | -         | -                  | 191               | -           | -                       | 33        |
| 1935               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 2,987,720           | 2,639,388   | -              | 76,351              | 48,695               | 183,099            | 1,178         | 916       | 7,110          | 5,686     | 21,803             | 623               | 119         | 47                      | 427       |
| EAST SIDE          | 464,807             | 78,002      | 281,452        | 3,962               | 6,769                | 1,812              | 73,236        | 15,470    | 4,104          | -         | -                  | -                 | -           | -                       | 278       |
| 1936               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          | 4,051,220           | 3,485,235   | -              | 106,706             | 84,261               | 342,723            | 3,156         | 669       | 83             | 4,865     | 20,969             | 1,687             | 122         | 40                      | 333       |
| EAST SIDE          | 521,177             | 108,434     | 304,414        | 1,505               | 2,503                | 698                | 82,724        | 17,057    | 3,189          | -         | -                  | 653               | -           | -                       | 351       |
| 1937               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| EAST SIDE          |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| 1938               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| EAST SIDE          |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| 1939               |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| WEST SIDE          |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |
| EAST SIDE          |                     |             |                |                     |                      |                    |               |           |                |           |                    |                   |             |                         |           |

<sup>1/</sup> THE BOUNDARY BETWEEN THE "WEST SIDE" AND THE "EAST SIDE" IS THE SUMMIT OF THE CASCADE RANGE. THE WEST SIDE IS KNOWN AS THE DOUGLAS FIR REGION AND THE EAST SIDE AS THE PONDEROSA PINE REGION. <sup>2/</sup> WESTERN RED CEDAR. <sup>3/</sup> ON THE WEST SIDE, SITKA SPRUCE; ON THE EAST SIDE, ENGELMANN SPRUCE.

<sup>4/</sup> "WESTERN LARCH" SHOWN FOR THE WEST SIDE IS UNDOUBTEDLY THE WHITE FIR. <sup>5/</sup> ALMOST EXCLUSIVELY LODGEPOLE PINE.

TABLE 4.—ANNUAL LUMBER PRODUCTION OF OREGON, BY SPECIES, AND SUBREGION <sup>1/</sup>, IN 1925-36

THOUSANDS OF BOARD FEET

| YEAR<br>AND<br>SUBREGION | TOTAL<br>(ALL SPECIES) | DOUGLAS<br>FIR | PONDEROSA<br>PINE | CEDAR <sup>2/</sup> | SPRUCE <sup>3/</sup> | WESTERN<br>HEMLOCK | WHITE<br>FIR | WESTERN<br>LARCH <sup>4/</sup> | SUGAR<br>PINE | WESTERN<br>WHITE<br>PINE | RED<br>ALDER | OREGON:<br>BIGLEAF<br>MAPLE | OREGON:<br>WHITE<br>OAK | NORTHERN<br>BLACK<br>ASH | OTHER<br>COTTONWOOD | OTHER<br>SOFTWOODS | OTHER<br>HARD-<br>WOODS |
|--------------------------|------------------------|----------------|-------------------|---------------------|----------------------|--------------------|--------------|--------------------------------|---------------|--------------------------|--------------|-----------------------------|-------------------------|--------------------------|---------------------|--------------------|-------------------------|
| 1925                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 3,136,605              | 2,707,652      | 30,120            | 53,192              | 175,441              | 1127,023           | 9,186        | -                              | 6,506         | -                        | 2,494        | 2,091                       | 295                     | 767                      | 1,102               | 3/20,696           | 18                      |
| EAST SIDE                | 1,079,778              | 84,730         | 970,574           | 793                 | 13                   | 4,538              | 2,349        | 15,163                         | 1,030         | 538                      | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1926                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 3,394,367              | 2,925,576      | 51,175            | 79,740              | 122,019              | 1186,505           | 6,404        | -                              | 5,886         | -                        | 1,322        | 2,643                       | 56                      | 1,253                    | 1,768               | -                  | -                       |
| EAST SIDE                | 1,070,368              | 62,171         | 979,873           | 851                 | -                    | 3,986              | 4,299        | 17,690                         | 933           | 565                      | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1927                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 3,130,995              | 2,767,738      | 36,165            | 53,964              | 107,343              | 1145,093           | 4,753        | -                              | 7,319         | -                        | 2,596        | 2,596                       | 59                      | 1,035                    | 1,534               | 700                | -                       |
| EAST SIDE                | 861,957                | 27,654         | 815,375           | 427                 | -                    | 3,283              | 4,869        | 9,864                          | 8             | 477                      | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1928                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 3,398,071              | 2,925,482      | 65,709            | 51,058              | 135,722              | 1179,913           | 9,028        | -                              | 10,711        | 429                      | 4,625        | 3,650                       | -                       | 237                      | 1,503               | -                  | 5                       |
| EAST SIDE                | 983,853                | 40,725         | 923,010           | 352                 | -                    | 1,912              | 5,048        | 5,973                          | 5,928         | 900                      | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1929                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 3,659,640              | 3,131,954      | 77,416            | 60,768              | 139,588              | 1203,902           | 12,065       | 186                            | 18,828        | 3,098                    | 6,444        | 2,866                       | 77                      | 400                      | 2,011               | -                  | 17                      |
| EAST SIDE                | 1,124,369              | 50,175         | 1,041,973         | 2,039               | -                    | 3,388              | 11,657       | 11,853                         | 2,776         | 515                      | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1930                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 2,692,138              | 2,313,863      | 64,008            | 37,244              | 129,113              | 1115,112           | 6,673        | -                              | 6,868         | 620                      | 8,357        | 5,830                       | -                       | 128                      | 4,296               | -                  | 26                      |
| EAST SIDE                | 961,937                | 45,199         | 895,573           | 1,269               | 124                  | 4,267              | 4,288        | 9,473                          | 1,143         | 590                      | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1931                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 1,901,920              | 1,649,886      | 46,478            | 32,740              | 81,142               | 72,974             | 1,867        | -                              | 6,066         | 195                      | 6,397        | 3,094                       | -                       | 127                      | 950                 | -                  | 4                       |
| EAST SIDE                | 726,115                | 25,327         | 667,751           | 1,992               | -                    | 4,124              | 1,273        | 344                            | 528           | 4,776                    | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1932                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 1,162,429              | 1,004,826      | 20,067            | 25,502              | 51,135               | 38,516             | 10,741       | -                              | 864           | 1,680                    | 5,734        | 1,805                       | -                       | -                        | 1,543               | -                  | 16                      |
| EAST SIDE                | 441,463                | 13,689         | 416,697           | 1,854               | -                    | 4,936              | 3,194        | 330                            | 477           | 265                      | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1933                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 1,574,109              | 1,371,290      | 45,476            | 28,074              | 63,159               | 36,279             | 2,262        | -                              | 5,984         | 489                      | 12,724       | 2,955                       | 51                      | 61                       | 5,120               | -                  | 175                     |
| EAST SIDE                | 681,919                | 36,056         | 635,614           | 1,698               | 196                  | 3,642              | 1,361        | 971                            | 1,751         | 630                      | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1934                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 1,682,680              | 1,482,535      | 31,954            | 33,754              | 63,522               | 33,664             | 5,589        | -                              | 11,321        | 1,413                    | 7,050        | 3,955                       | -                       | -                        | 7,919               | -                  | 4                       |
| EAST SIDE                | 696,962                | 29,210         | 649,985           | 1,796               | 229                  | 7,214              | 112          | 1,514                          | 5,902         | 1,000                    | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1935                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 2,096,564              | 1,816,200      | 40,990            | 52,054              | 72,406               | 61,243             | 10,508       | -                              | 16,744        | 6,742                    | 10,734       | 3,190                       | 1                       | -                        | 5,752               | -                  | -                       |
| EAST SIDE                | 1,048,673              | 38,941         | 987,268           | 3971                | 98                   | 2,961              | 2,568        | 1,456                          | 14,855        | 129                      | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1936                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                | 2,741,590              | 2,379,674      | 56,244            | 64,472              | 86,136               | 72,460             | 19,583       | 750                            | 30,834        | 2,403                    | 13,425       | 3,905                       | 43                      | 385                      | 10,749              | 527                | -                       |
| EAST SIDE                | 1,335,834              | 54,709         | 1,234,060         | 1,703               | 140                  | 3,000              | 6,099        | 5,136                          | 29,670        | 1,317                    | -            | -                           | -                       | -                        | -                   | -                  | -                       |
| 1937                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| EAST SIDE                |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| 1938                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| EAST SIDE                |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| 1939                     |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| WEST SIDE                |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |
| EAST SIDE                |                        |                |                   |                     |                      |                    |              |                                |               |                          |              |                             |                         |                          |                     |                    |                         |

<sup>1/</sup> THE BOUNDARY BETWEEN THE "EAST SIDE" AND THE "WEST SIDE" IS THE SUMMIT OF THE CASCADE RANGE. THE WEST SIDE IS KNOWN AS THE DOUGLAS FIR REGION AND THE EAST SIDE AS THE PONDEROSA PINE REGION. <sup>2/</sup> THE QUANTITIES SHOWN FOR THE WEST SIDE ARE 75 TO 95 PERCENT PORT ORFORD CEDAR. THE REMAINDER IS WESTERN RED CEDAR. QUANTITIES SHOWN FOR THE EAST SIDE ARE ALL INCENSE CEDAR. <sup>3/</sup> QUANTITIES SHOWN FOR THE EAST SIDE ARE ALL ENGELMANN SPRUCE.

<sup>4/</sup> THE "WESTERN LARCH" SHOWN FOR THE WEST SIDE FOR 1929 AND 1936 IS UNDOUBTEDLY THE WHITE FIR. <sup>5/</sup> REDWOOD.

TABLE 5.—ANNUAL SHINGLE AND LATH PRODUCTION OF WASHINGTON AND OREGON  
IN 1899 AND IN 1904-36

THOUSANDS OF PIECES

| YEAR              | SHINGLES   |         |            | LATH       |         |           |
|-------------------|------------|---------|------------|------------|---------|-----------|
|                   | WASHINGTON | OREGON  | TOTAL      | WASHINGTON | OREGON  | TOTAL     |
| 1899              | 4,337,992  | 31,189  | 4,369,181  | 145,134    | 41,779  | 186,913   |
| 1904              | 8,357,457  | 117,511 | 8,474,968  | 229,720    | 76,915  | 306,635   |
| 1905              | 10,509,914 | -       | 10,509,914 | 559,813    | 116,456 | 676,269   |
| 1906              | 7,286,508  | -       | 7,286,508  | 479,187    | 156,973 | 636,160   |
| 1907              | 6,886,542  | 206,766 | 7,093,308  | 430,791    | 134,048 | 564,839   |
| 1908              | 7,288,361  | 246,721 | 7,535,082  | 464,754    | 107,522 | 572,276   |
| 1909              | 8,879,467  | 293,644 | 9,173,111  | 451,384    | 161,512 | 612,896   |
| 1910              | 8,333,639  | 319,894 | 8,653,533  | 445,119    | 190,660 | 635,779   |
| 1911              | 7,745,525  | 392,894 | 8,138,419  | 338,578    | 95,525  | 434,103   |
| 1912              | 7,996,251  | 271,205 | 8,267,456  | 336,538    | 131,734 | 468,272   |
| 1913 <sup>a</sup> | -          | -       | -          | -          | -       | -         |
| 1914 <sup>a</sup> | -          | -       | -          | -          | -       | -         |
| 1915              | 6,313,335  | 336,652 | 6,649,987  | 389,995    | 95,801  | 485,796   |
| 1916              | 6,739,388  | 471,762 | 7,211,150  | 264,690    | 142,352 | 407,042   |
| 1917              | 6,313,364  | 481,353 | 6,794,717  | 230,194    | 132,418 | 362,612   |
| 1918              | 4,238,714  | 281,138 | 4,519,852  | 154,668    | 78,780  | 233,448   |
| 1919              | 7,095,122  | 530,066 | 7,625,188  | 339,058    | 122,848 | 461,906   |
| 1920              | 4,847,105  | 288,721 | 5,135,826  | 404,942    | 173,732 | 578,674   |
| 1921              | 5,366,085  | 366,555 | 5,732,640  | 379,714    | 163,331 | 543,045   |
| 1922              | 6,664,876  | 488,116 | 7,152,992  | 618,102    | 275,590 | 893,692   |
| 1923              | 5,983,188  | 414,629 | 6,397,817  | 895,339    | 393,942 | 1,229,281 |
| 1924              | 5,762,174  | 320,343 | 6,082,517  | 646,299    | 344,051 | 990,350   |
| 1925              | 6,196,650  | 442,628 | 6,639,278  | 766,591    | 360,438 | 1,127,029 |
| 1926              | 5,135,160  | 309,727 | 5,444,887  | 901,976    | 388,733 | 1,290,709 |
| 1927              | 5,690,579  | 309,818 | 6,000,397  | 766,109    | 273,066 | 1,039,175 |
| 1928              | 5,019,061  | 236,641 | 5,255,702  | 584,493    | 251,093 | 835,586   |
| 1929              | 5,333,374  | 330,672 | 5,664,046  | 568,819    | 236,716 | 805,535   |
| 1930              | 3,407,776  | 301,979 | 3,709,755  | 351,154    | 187,076 | 538,230   |
| 1931              | 2,292,931  | 222,577 | 2,515,508  | 235,243    | 103,015 | 338,258   |
| 1932              | 1,812,583  | 181,957 | 1,994,540  | 164,447    | 61,535  | 225,982   |
| 1933              | 2,508,769  | 245,219 | 2,753,988  | 134,595    | 69,170  | 203,765   |
| 1934              | 2,309,068  | 260,815 | 2,569,883  | 128,911    | 61,243  | 190,154   |
| 1935              | 2,845,533  | 361,966 | 3,207,499  | 159,524    | 126,340 | 285,864   |
| 1936              | 3,781,707  | 484,226 | 4,265,933  | 236,531    | 162,652 | 399,183   |
| 1937              |            |         |            |            |         |           |
| 1938              |            |         |            |            |         |           |
| 1939              |            |         |            |            |         |           |

<sup>a</sup>NO DATA AVAILABLE

