

**LOGS AND WOOD CHIPS STATISTICS<sup>1</sup>****U.S. GEOLOGICAL SURVEY**

[All values in metric tons]

Last modification: April 1, 2014

<b>Year</b>	<b>Imports</b>	<b>Exports</b>
1965	153,000	2,690,000
1966	215,000	3,130,000
1967	173,000	4,430,000
1968	178,000	5,780,000
1969	184,000	5,390,000
1970	325,000	6,160,000
1971	189,000	5,150,000
1972	88,400	7,060,000
1973	0	7,570,000
1974	172,000	5,940,000
1975	199,000	6,000,000
1976	199,000	7,310,000
1977	347,000	6,900,000
1978	218,000	7,670,000
1979	299,000	8,760,000
1980	287,000	7,330,000
1981	227,000	5,700,000
1982	263,000	7,210,000
1983	371,000	7,880,000
1984	330,000	7,860,000
1985	223,000	8,640,000
1986	177,000	8,220,000
1987	186,000	9,240,000
1988	153,000	10,800,000
1989	88,500	10,600,000
1990	52,000	9,470,000
1991	30,600	8,460,000
1992	0	7,370,000
1993	211,000	6,470,000
1994	248,000	6,030,000
1995	181,000	6,340,000
1996	259,000	5,930,000
1997	287,000	5,390,000
1998	417,000	4,450,000
1999	662,000	4,580,000
2000	1,010,000	5,930,000
2001	1,030,000	5,670,000
2002	1,210,000	5,460,000
2003	1,120,000	5,000,000
2004	1,020,000	5,140,000
2005	1,580,000	4,850,000
2006	1,320,000	4,760,000
2007	939,000	4,920,000
2008	494,000	4,410,000
2009	399,000	4,530,000
2010	447,000	5,720,000
2011	422,000	6,820,000

<sup>1</sup>Compiled by T.D. Kelly (retired) and G. Matos.

Data are estimated, calculated, or reported. See notes for more information.

## Forestry Worksheet Notes

### Data Sources

The sources of data for the forestry worksheet are two statistical publications of the U.S. Forest Service's Forest Products Laboratory—Industrial Wood Productivity in the United States 1900–98 (IWP) and U.S. Timber Production, Trade, Consumption, and Price Statistics 1965–2011 (TPTCP). For 1900–64, production is used as an estimate of consumption for the categories: Lumber, Paper and Board, Plywood and Veneer, Total Forestry, and Wood Panel Products because import and export data are not available for these years. This estimate is valid for all categories because imports and exports of wood are relatively small compared to production. The years of publication and corresponding years of data coverage are listed in the References section below. Blank cells in the worksheets indicate that data are not available.

## Logs and Wood Chips

### Production

Logs and Wood Chips are raw materials used in the manufacturing of all the other products in this worksheet. Inclusion of production for these products would lead to double counting in an apparent consumption calculation for Total Wood.

### Imports

For 1900–64, import data are not available. For 1965 to the most recent year, logs import data are reported in table 8b of TCTCP.

### Exports

For 1900–64, export data are not available. For 1965 to the most recent year, logs export data are reported in table 8b of TCTCP.

## Lumber

### Production

For 1900–64, production weights of hardwood lumber, softwood lumber, and lumber used at pallet plants are reported in table 2 of IWP. Production in this worksheet is the sum of these semi-manufactured products. For 1965 to the most recent year, lumber production is reported in the TPTCP table 8b. Lumber production in table 8b is the sum of hardwood lumber, softwood lumber, and lumber used for pallets.

### Imports

For 1900–64, import data are not available. For 1965 to the most recent year, lumber imports are reported in table 8b of TPTCP.

### Exports

For 1900–64, export data are not available. For 1965 to the most recent year, lumber exports are reported in table 8b of TPTCP.

### Apparent Consumption

For 1900–64, production is used as an estimate of apparent consumption. For 1965 to the most recent year, consumption of lumber is reported in table 8b of TCTCP.

## Other Industrial Wood Products

### Production

For 1900–64, production of Other Industrial Wood Products is reported as Other Industrial Products in table 2 of IWP. For 1965 to the most recent year, Other Industrial Wood Products is reported as Other Industrial Products for production and consumption in table 8b of TCTCP. This category includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts and miscellaneous items.

### Apparent Consumption

For 1900–64, production data from IWP are used as an estimate of apparent consumption. For 1965 to the most recent year, production and consumption are reported as equal in TCTCP.

## **Paper and Board**

### **Production**

For 1900–64, Paper and Board production is reported as pulp, paper and board production in table 2 of IWP. For 1965 to the most recent year, paper and board production is reported in table 43 of TCTCP.

### **Primary Production**

For 1900–64, primary production data are not available. For 1965 to the most recent year, primary production is calculated as the difference of total paper and board production minus secondary production.

### **Secondary Production**

For 1900–64, secondary production data are not available. For 1965 to the most recent year, secondary production is reported as total recovered paper in table 47 of TCTCP.

### **Imports**

For 1900–64, import data are not available. For 1965 to the most recent year, import data for paper and board is reported in table 43 of TCTCP.

### **Exports**

For 1900–64, export data are not available. For 1965 to the most recent year, export data for paper and board is reported in table 43 of TCTCP.

### **Apparent Consumption**

For 1900–64, production data from IWP was used as an estimate of apparent consumption of paper and board because of the lack of import and export data. For 1965 to the most recent year, paper and board consumption is reported in table 43 of TCTCP.

## **Plywood and Veneer**

### **Production**

For 1900–64, production weights of hardwood plywood and veneer, and softwood plywood are reported in table 2 of IWP. Production of Plywood and Veneer in this worksheet is the sum of these weight amounts. For 1965 to the most recent year, plywood and veneer production is reported in table 8b of TCTCP. The plywood and veneer in table 8b includes hardwood and softwood plywood and laminated veneer lumber, which is reported since 1980.

### **Imports**

For 1900–64, plywood and veneer import data are not available. For 1965 to the most recent year, plywood and veneer import data are reported in table 8b of TCTCP.

### **Exports**

For 1900–64, plywood and veneer export data are not available. For 1965 to the most recent year, plywood and veneer export data are reported in table 8b of TCTCP.

### **Apparent Consumption**

For 1900–64, production from IWP was used as an estimate of apparent consumption because of the lack of import and export data. For 1965 to the most recent year, plywood and veneer consumption is reported in table 8b of TCTCP.

## **Wood Panel Products**

### **Production**

For 1900–64, production for Wood Panel Products is the sum of hardboard production, insulating board, and particle board production reported in table 2 of IWP. No data were available for these products until 1917 for hardboard, 1925 for insulating board, and 1950 for particle board. For 1965 to the most recent year, wood panel products production is reported in table 8b of TCTCP. In the TCTCP, wood panel products (panel products in the table) include the products above as well as oriented strand board, waferboard, and medium density fiberboard.

### **Imports**

For 1900–64, import data are not available. For 1965 to the most recent year, wood panel products import data are reported in table 8b of TCTCP.

**Exports**

For 1900–65, export data are not available. For 1965 to the most recent year, wood panel products export data are reported in table 8b of TCTCP.

**Apparent Consumption**

For 1900–64, production from IWP was used to estimate apparent consumption because of the lack of import and export data. For 1965 to the most recent year, wood panel products consumption is reported in table 8b of TCTCP.

**Total Forestry****Production**

For 1900 to the most recent year, total wood production is the sum of production data for the categories: Lumber, Other Industrial Wood Products, Paper and Board, Plywood and Veneer, and Wood Panel Products.

**Imports**

For 1900–64, Total Wood import data are not available. For 1965 to the most recent year, Total Wood import data are the sum of import data for the categories: Logs and Wood Chips, Lumber, Paper and Board, Plywood and Veneer, and Wood Panel Products.

**Exports**

For 1900–64, Total Wood export data are not available. For 1965 to the most recent year, Total Wood export data are the sum of export data for the categories: Logs and Wood Chips, Lumber, Paper and Board, Plywood and Veneer, and Wood Panel Products.

**Apparent Consumption**

For 1900–64, Total Wood apparent consumption is the sum of all the apparent consumption data for the categories: Lumber, Other Industrial Wood Products, Paper and Board, Plywood and Veneer, and Wood Panel Products. For 1965 to the most recent year, Total Wood apparent consumption is calculated with the formula:

$$\text{APPARENT CONSUMPTION} = \text{PRODUCTION} + \text{IMPORTS} - \text{EXPORTS}.$$

**References**

- Howard, J.L., 2012, U.S. timber production, trade, consumption and price statistics 1965–2011: U.S. Forest Service, Forest Products Laboratory Research Paper FPL-RP-595, 90 p.
- Ince, P.J., 2000, Industrial wood productivity in the United States, 1900–1998: U.S. Forest Service, Forest Products Laboratory Research Paper FPL-RN-0272, 14 p.

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