FOREST INDUSTRY RESEARCH PROGRAM
UNIVERSITY OF MONTANA

# Utah's Forest Products Industry and Timber Harvest, 2020

The University of Montana's Bureau of Business and Economic Research (BBER), in conjunction with the Interior West Forest Inventory and Analysis (IW-FIA) program of the USDA Forest Service, conducted a census of Utah's timber processors operating during calendar year 2020. Through a written questionnaire and through phone or in-person interviews, timber-processing and residuals-utilizing facilities provided information about their 2020 operations, including:

- Plant location, production, capacity, and employment.
- Volume of raw material received, by county and ownership.
- Species of timber received and live/dead proportions.
- Finished product volumes, types, sales value, and market locations.
- Volume, uses, and sales of manufacturing residuals.

This research traces the flow of Utah's 2020 timber harvest through the primary wood products industry and characterizes the structure and condition of Utah's forest products industry sectors. Historical changes in the forest products industry, as well as trends in timber harvest, milling capacity and production, volume of mill residuals, and sales value of products and residuals are presented. Employment and worker earnings in the state's primary and secondary forest products industries are also discussed. Periodic survey data collected from the forest products industry provide detailed information on Utah's timber sources, wood utilization and the economic contributions of the industry to the state economy through time.

A comprehensive report is currently being prepared that will include selected tables along with historical information and current industry trends. This is the fifth analysis conducted for Utah. All BBER reports on Utah's forest products industry can be found at: https://www.bber.umt.edu/FIR/S_UT.asp.

We are providing these core tables in anticipation of the actual report being finalized, and encourage you to contact us if you have any questions or comments about the data. However, firm-level data are confidential and will not be released.

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## Report Highlights

- The 2020 timber harvest in Utah was 15 percent higher than in 2016, primarily due to an increase in the harvest of industrial fuelwood, furniture logs, fiber logs, and posts and poles on National Forest System lands.
- Sanpete, Sevier, and Beaver counties saw the largest increases in timber harvests in 2020, as compared to 2016.
- San Juan, Rich, and Duchesne counties saw the largest decreases in timber harvests in 2020, as compared to 2016.
- Utah saw an increase of 77 percent in spruces harvested in 2020, caused in part by the decline in the harvest of other species. The proportion of spruce harvested went from 31 percent in 2016 to 48 percent in 2020.
- Net outflow of timber products from Utah was 25 percent lower in 2020 than in 2016, dominated by a decline in the outflow of sawlogs.
- In 2020, 92 percent of the timber received by Utah mills came from National Forest System lands, compared to 72 percent in 2016.
- Volume of timber received by Utah facilities for “other products” was 3,375 percent higher in 2020 than in 2016, primarily due to an exponential increase in firewood processing as a result of the opening of a new processing facility.
- Active Utah primary wood product facilities totaled 23 in 2020, up from 18 in 2016. The growth includes 2 new lumber mills, 1 new log homes and house logs facility, and 2 new log furniture, posts poles, and bark facilities.
- Sales receipts for finished products from Utah’s primary wood products facilities was 20 percent greater in 2020 than in 2016, due to large increases in receipts from sawmills (up 25 percent) and from other products such as posts and poles, log furniture and residuals (up 38 percent).

- Utah’s sawmill lumber output declined by 20 percent between 2016 and 2020, with average production per mill declining by 35 percent.
- Total capacity of active sawmills in Utah was 46 percent lower in 2020 than in 2016.
- Total residuals produced by Utah’s primary wood products facilities were 21 percent greater in 2020 than in 2016. Total residual utilization was 26 percent greater in 2020, with volume of unused residuals being 48 percent lower in 2020.
- Sales receipts from within Utah indicate that total primary wood products and residuals consumed within the state were 94 percent greater in 2020 than in 2016.
- Direct labor income from paper manufacturing facilities was 22 percent higher in 2020 than in 2016, while direct labor income increased by 9 percent for wood products manufacturing and by 252 percent for forestry support activities. Forestry and logging saw a 19 percent decrease.

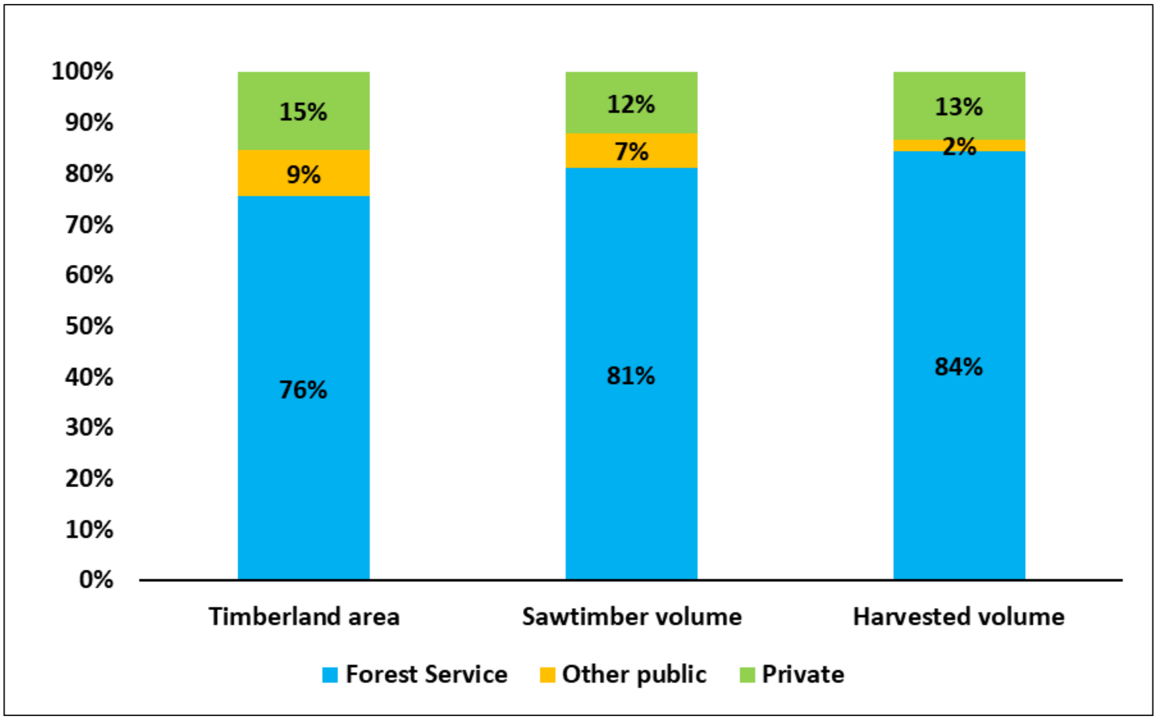


**Figure 1. Percentage of Utah timberland by ownership class in acres, standing volume and volume of harvest, 2020.**

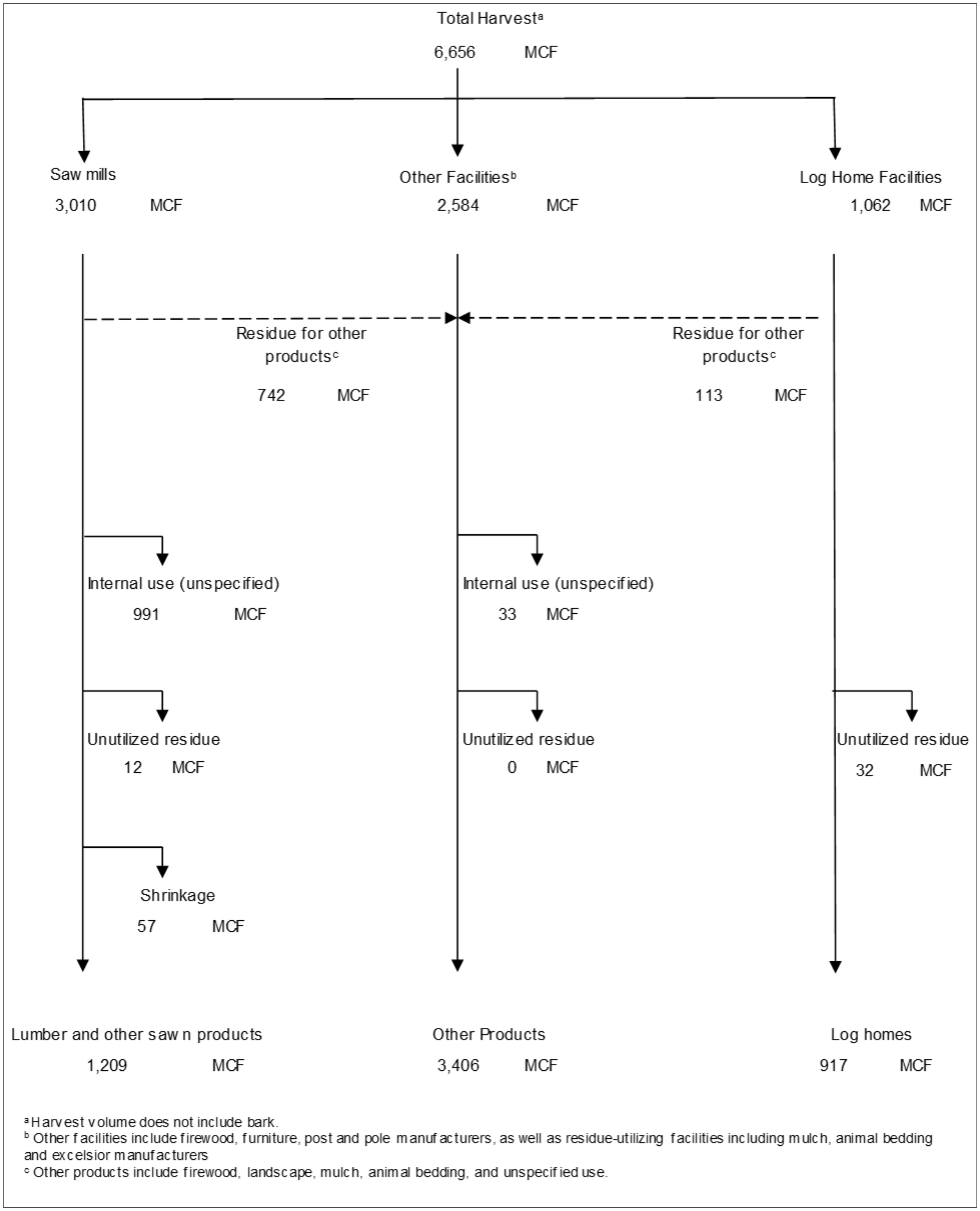


**Figure 2. Utah timber harvest and flow, 2020**

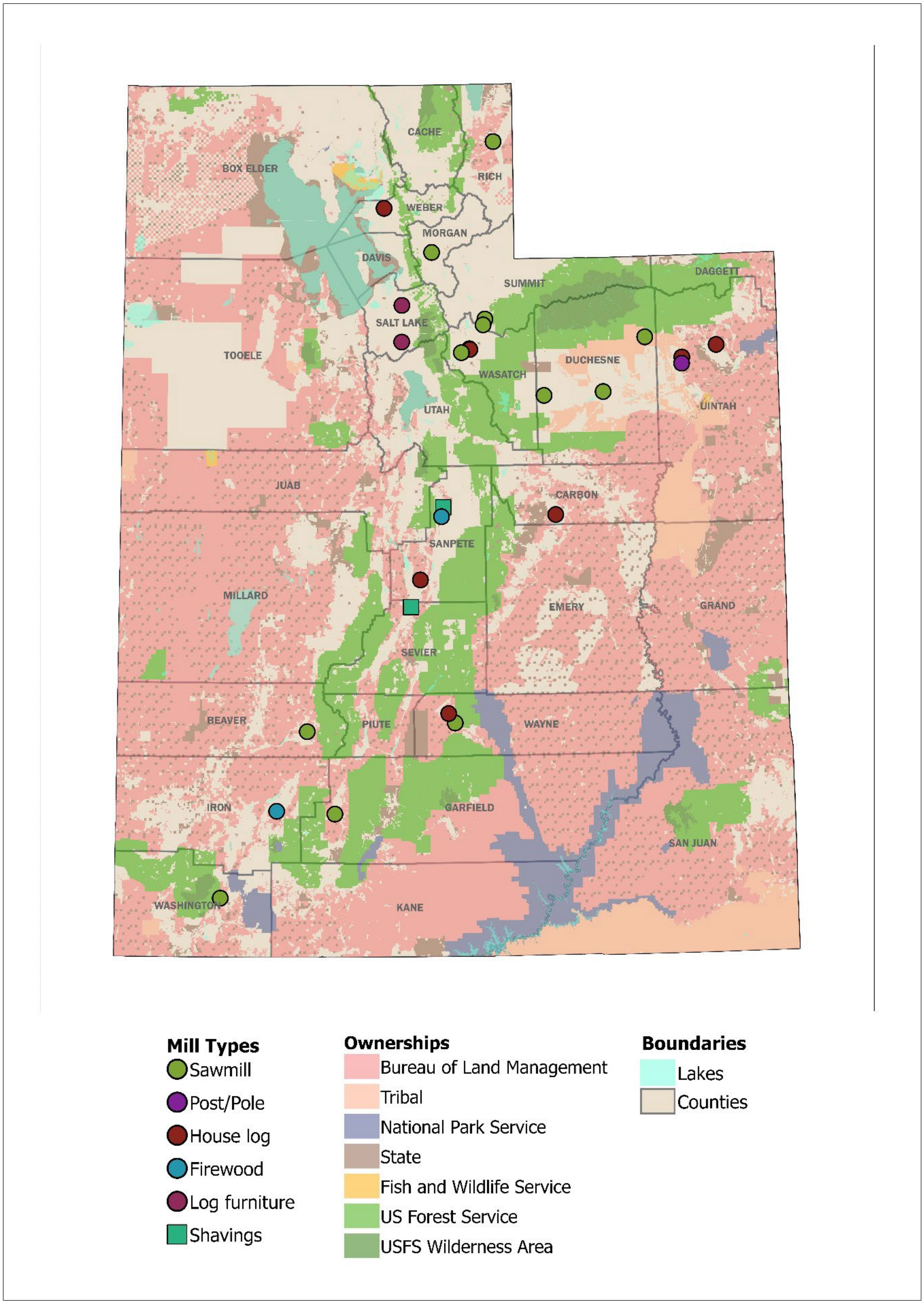


**Figure 3. Location of facilities by type, Utah 2020.**

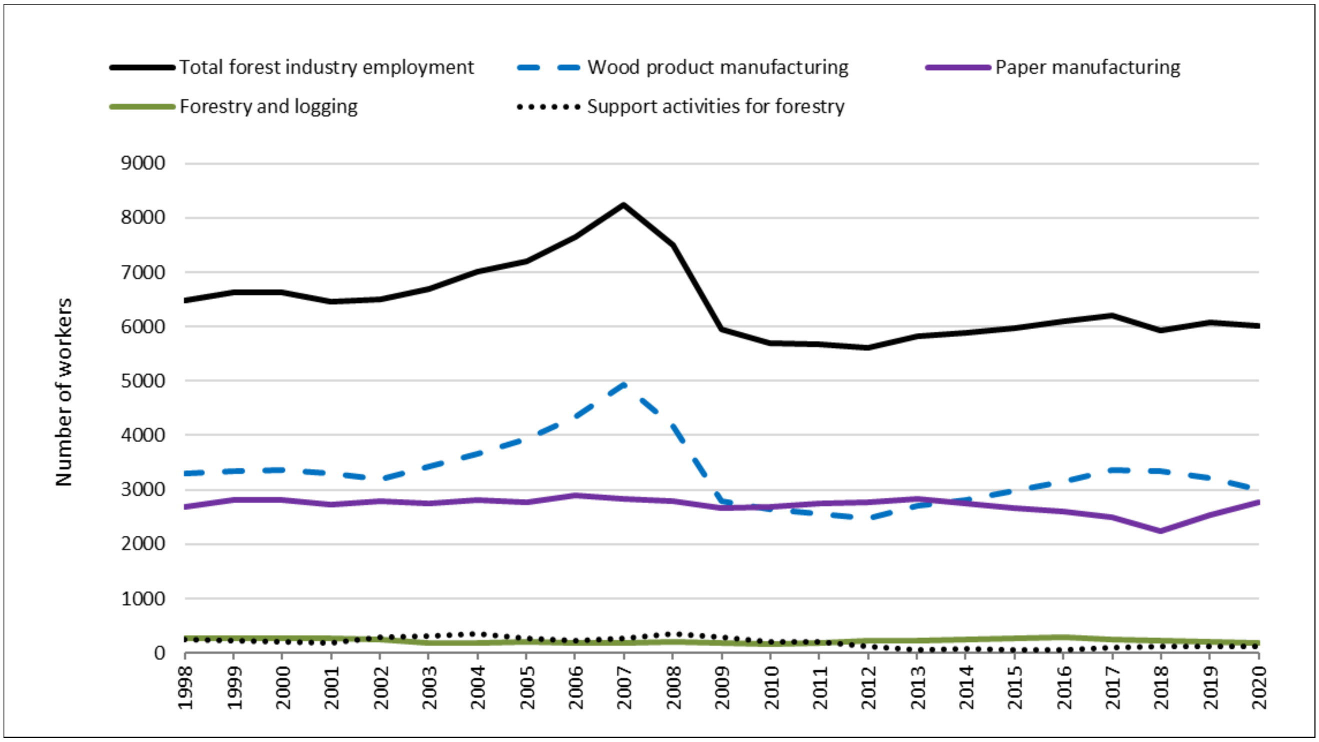


**Figure 4. Forest industry employment, Utah 1998-2020**

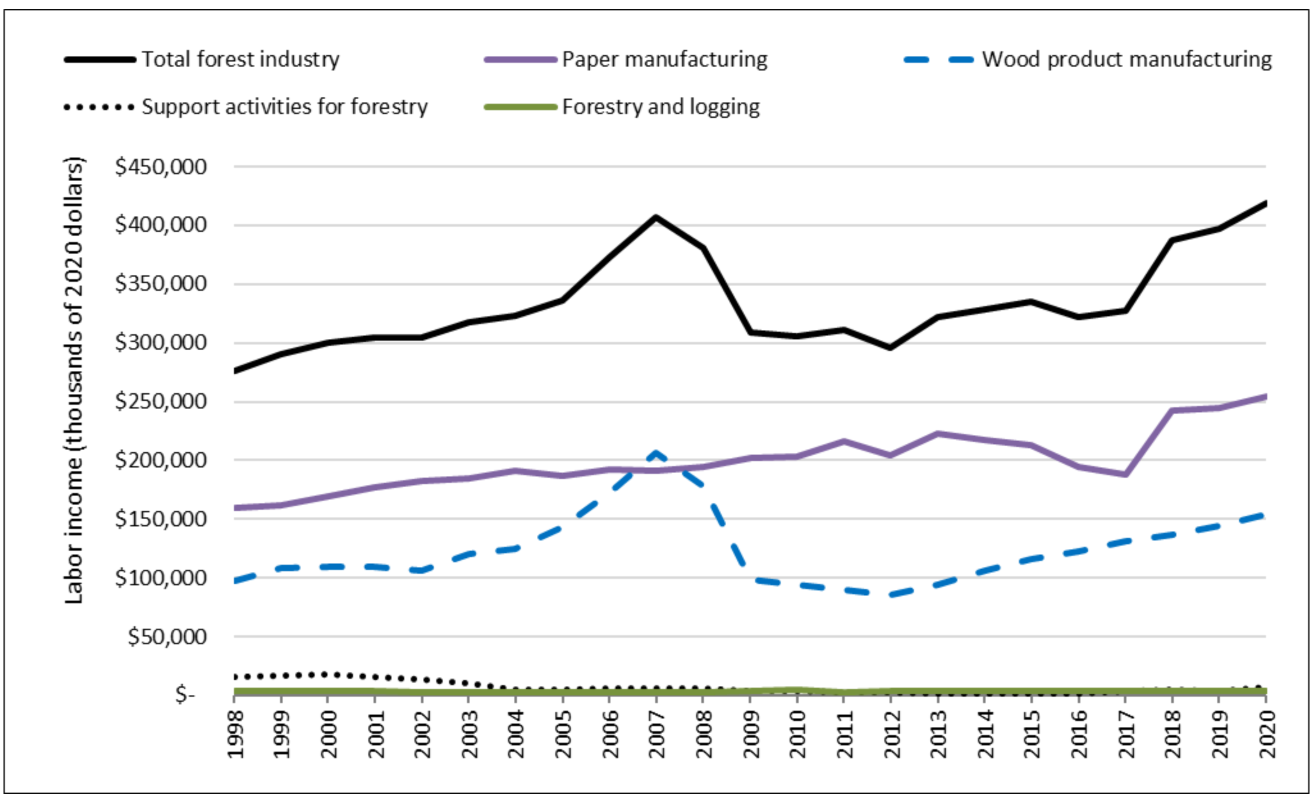


**Figure 5. Forest industry labor income, Utah 1998-2020 (2020$)**

**Table 1. Utah nonreserved timberland by ownership class, 2019 (Source: USDA Forest Service, Shaw 2022)**

| Ownership class | Thousand acres | Percentage of nonreserved timberland |
|---|---|---|
| **National forest** | 2,791 | 76 |
| **Private and Tribal** | 572 | 15 |
| **Other public**[a] | 332 | 9 |
| **Total** | **3,695** | **100** |

[a] Other public ownerships include BLM and state.

**Table 2. Utah timber harvest by ownership class, 2007, 2012, 2016 and 2020 (Sources: Hayes and others 2012; Sorenson and others 2016; Hayes and others 2021)**

| | **2007** | **2012** | **2016** | **2020** | **2007** | **2012** | **2016** | **2020** |
|---|---|---|---|---|---|---|---|---|
| **Ownership class** | *-----Thousand board feet, Scribner-----* | | | | **---**Percentage of harvest**---** | | | |
| **Private and Tribal timberland** | **11,669** | **6,292** | **3,581** | **3,773** | **38** | **33** | **14** | **13** |
| **Public timberland** | **18,652** | **13,064** | **21,297** | **24,734** | **62** | **67** | **86** | **87** |
| *National forest* | *15,490* | *10,117* | *19,848* | *24,054* | *51* | *52* | *80* | *84* |
| *Other public*[a] | *3,162* | *2,947* | *1,449* | *680* | *11* | *15* | *6* | *3* |
| **All owners** | **30,321** | **19,356** | **24,878** | **28,507** | **100** | **100** | **100** | **100** |

[a] Other public ownerships include BLM and state.

**Table 3. Utah timber products harvest by ownership class, 2020**

| Ownership class | Sawlogs | House logs | Other products[a] | All products |
|---|---|---|---|---|
| | *--------------Thousand board feet, Scribner--------------* | | | |
| **National forests** | 11,127 | 2,605 | 10,322 | **24,054** |
| **Private and Tribal** | 3,265 | 502 | 6 | **3,773** |
| **Other public**[b] | 500 | — | 180 | **680** |
| **All owners** | **14,892** | **3,107** | **10,508** | **28,507** |
| | *----------Percentage of harvested product----------* | | | |
| **National forests** | 74.7 | 83.8 | 98.2 | **84.4** |
| **Private and Tribal** | 21.9 | 16.2 | 0.1 | **13.2** |
| **Other public**[b] | 3.4 | — | 1.7 | **2.4** |
| **All owners** | **52.2** | **10.9** | **36.9** | **100** |

[a] Other products include industrial fuelwood, furniture logs, fiber logs, posts, and poles.

[b] Other public ownerships includes BLM and state.

**Table 4. Utah timber harvest by county, 2007, 2012, 2016 and 2020**
**(Sources: Hayes and others 2012; Sorenson and others 2016; Hayes and others 2021)**

| County | 2007 | 2012 | 2016 | 2020 | 2007 | 2012 | 2016 | 2020 |
|---|---|---|---|---|---|---|---|---|
| | *-----Thousand board feet, Scribner----* | | | | *-----------Percentage of harvest--------* | | | |
| **Beaver** | 468 | 200 | 290 | 1,452 | 1.5 | 1.0 | 1.2 | 5.1 |
| **Cache** | 1,150 | — | — | 262 | 3.8 | — | — | 0.9 |
| **Carbon** | 1,564 | 1,480 | 213 | 50 | 5.2 | 7.6 | 0.9 | 0.2 |
| **Daggett** | — | 25 | 103 | — | — | a | 0.4 | — |
| **Davis** | — | — | — | — | — | — | — | a |
| **Duchesne** | 1,793 | 515 | 1,301 | 640 | 5.9 | 2.7 | 5.2 | 2.2 |
| **Emery** | 284 | 1,500 | 1,778 | 1,200 | 0.9 | 7.7 | 7.1 | 4.2 |
| **Garfield** | 3,141 | 965 | 840 | 1,097 | 10.4 | 5.0 | 3.4 | 3.8 |
| **Grand** | 1,925 | — | 5 | 0 | 6.3 | — | 0.0 | a |
| **Iron** | 1,554 | 200 | 718 | 370 | 5.1 | 1.0 | 2.9 | 1.3 |
| **Juab** | — | — | — | — | — | — | — | a |
| **Kane** | 60 | — | 3,192 | 2,292 | 0.2 | — | 12.8 | 8.0 |
| **Millard** | — | — | 144 | — | — | — | 0.6 | — |
| **Morgan** | 150 | 100 | 60 | 90 | 0.5 | 0.5 | 0.2 | 0.3 |
| **Piute** | 500 | — | — | 270 | 1.6 | — | — | 0.9 |
| **Rich** | — | 1,500 | 808 | — | — | 7.7 | 3.2 | — |
| **Salt Lake** | 59 | 74 | 253 | 180 | 0.2 | 0.4 | 1.0 | 0.6 |
| **San Juan** | 1,865 | 1,400 | 1,400 | — | 6.2 | 7.2 | 5.6 | — |
| **Sanpete** | 3,800 | 1,500 | 1,875 | 4,950 | 12.5 | 7.7 | 7.5 | 17.4 |
| **Sevier** | 1,483 | 155 | 1,707 | 3,330 | 4.9 | 0.8 | 6.9 | 11.7 |
| **Summit** | 2,700 | 6,430 | 7,258 | 8,091 | 8.9 | 33.2 | 29.2 | 28.4 |
| **Uintah** | 1,398 | 2,300 | 539 | 1,119 | 4.6 | 11.9 | 2.2 | 3.9 |
| **Unknown** | — | — | — | 80 | — | — | — | 0.3 |
| **Utah** | 793 | — | 546 | — | 2.6 | — | 2.2 | — |
| **Wasatch** | 4,300 | 1,012 | 1,333 | 1,998 | 14.2 | 5.2 | 5.4 | 7.0 |
| **Washington** | 1,334 | — | 224 | 224 | 4.4 | — | 0.9 | 0.8 |
| **Wayne** | — | — | 292 | 812 | — | — | 1.2 | 2.8 |
| **Weber** | — | — | — | — | — | — | — | a |
| **Total** | **30,321** | **19,356** | **24,878** | **28,507** | **100** | **100** | **100** | **100** |

[a] Less than 0.05 percent

**Table 5. Utah timber harvest by species, selected years**
**(Sources: Setzer and Throssell 1977b; Keegan and others 1995; Morgan and others 2006; Hayes and others 2012; Sorenson and others 2016; Hayes and others 2021).**

| Species | 1974 | 1992 | 2002 | 2007 | 2012 | 2016 | 2020 |
|---|---|---|---|---|---|---|---|
| | *Percentage of harvest* | | | | | | |
| **Spruces** | 22 | 35 | 44 | 42 | 31 | 31 | 48 |
| **Ponderosa pine** | 33 | 5 | 13 | 3 | 4 | 25 | 20 |
| **Lodgepole pine** | 27 | 46 | 23 | 13 | 41 | 22 | 16 |
| **Douglas-fir** | 8 | 4 | 8 | 11 | 11 | 15 | 7 |
| **Aspen and cottonwood** | 4 | 5 | 10 | 29 | 10 | 6 | — |
| **True firs[a]** | 3 | 5 | 2 | 2 | 2 | 1 | 7 |
| **Other species[b]** | 3 | [c] | [c] | [c] | 1 | 0 | 2 |
| **All species** | **100** | **100** | **100** | **100** | **100** | **100** | **100** |

[a] True firs include white, subalpine and corkbark fir.

[b] Other species include juniper and western white pine.

[c] Less than 0.05 percent.

**Table 6. Utah timber harvest by species and timber product, 2020**

| Species | Sawlogs | House logs | Other products[c] | All products |
|---|---|---|---|---|
| | *Thousand board feet, Scribner* | | | |
| **Spruces** | 5,338 | 2,051 | 6,384 | 13,773 |
| **Ponderosa pine** | 2,688 | 23 | 3,018 | 5,729 |
| **Lodgepole pine** | 2,790 | 757 | 965 | 4,513 |
| **Douglas-fir** | 1,851 | 155 | 25 | 2,032 |
| **True firs[a]** | 1,833 | 46 | 9 | 1,889 |
| **Other species[b]** | 392 | 75 | 105 | 572 |
| **All species** | **14,892** | **3,107** | **10,508** | **28,507** |
| | *Percentage of product* | | | |
| **Spruces** | 35.8 | 66.0 | 60.8 | 48.3 |
| **Ponderosa pine** | 18.0 | 0.7 | 28.7 | 20.1 |
| **Lodgepole pine** | 18.7 | 24.4 | 9.2 | 15.8 |
| **Douglas-fir** | 12.4 | 5.0 | 0.2 | 7.1 |
| **True firs[a]** | 12.3 | 1.5 | 0.1 | 6.6 |
| **Other species[b]** | 2.6 | d | d | 2.0 |
| **All species** | **52.2** | **10.9** | **36.9** | **100** |

[a] True firs include white, subalpine and corkbark fir.

[b] Other species include western red cedar, aspen and western larch.

[c] Other products include industrial fuelwood, furniture logs, fiber logs, posts and poles.

[d] Less than 0.1 percent.

**Table 7. Timber product flow into and out of Utah, 2020**

| Timber Product | Log flow into Utah | Log flow out of Utah | Net inflow (net outflow) |
|---|---|---|---|
| | *----------Thousand board feet, Scribner---------* | | |
| **Sawlogs** | -- | 5,533 | (5,533) |
| **House logs** | -- | 392 | (392) |
| **Other products**[a] | -- | 3,164 | (3,164) |
| **All products** | **--** | **9,089** | **(9,089)** |

[a] Other products include industrial fuelwood, furniture logs, fiber logs, posts and poles.

**Table 8. Timber products received by Utah mills, by ownership of timberland, selected years (Source: Morgan and others 2006; Sorenson and others 2016; Hayes and others 2021)**

| Ownership class | 2002 | 2012 | 2016 | 2020 | | 2002 | 2012 | 2016 | 2020 |
|---|---|---|---|---|---|---|---|---|---|
| | *--------Thousand board feet, Scribner--------* | | | | | *------------Percentage of total-------------* | | | |
| **Private timberland** | 9,241 | 5,177 | 3,333 | 1,446 | | 28.4 | 45.1 | 26.2 | 7.4 |
| **Public timberland** | 23,245 | 6,264 | 9,217 | 17,792 | | 71.5 | 54.5 | 72.4 | 91.6 |
| ***National forest*** | *21,898* | *6,034* | *8,542* | *17,292* | | 67.3 | 52.5 | 67.1 | 89.1 |
| ***State lands*** | *1,346* | *230* | *675* | *500* | | 4.1 | 2.0 | 5.3 | 2.6 |
| **Other ownerships**[a] | 33 | 47 | 181 | 180 | | 0.1 | 0.4 | 1.4 | 0.9 |
| **All owners** | **32,518** | **11,488** | **12,731** | **19,418** | | **100** | **100** | **100** | **100** |

[a] Other ownerships include BLM and Canada.

**Table 9. Timber received by Utah forest products facilities, by timber product and ownership class, 2020**

| Ownership Class | Sawlogs | House logs | Other products[b] | All products |
|---|---|---|---|---|
| | *-----------------Thousand board feet, Scribner---------------* | | | |
| **Private timberland** | **1,290** | **150** | **6** | **1,446** |
| **Public timberland** | **8,069** | **2,565** | **7,158** | **17,792** |
| *National forest* | *7,569* | *2,565* | *7,158* | 17,292 |
| *State lands* | *500* | — | — | 500 |
| **Other ownerships**[a] | **—** | **—** | **180** | **180** |
| **All ownerships** | **9,359** | **2,715** | **7,344** | **19,418** |
| | *--------------------Percentage of product--------------------* | | | |
| **Private and tribal timberland** | **13.8** | **5.5** | **0.1** | **7.4** |
| **Public timberland** | **86.2** | **94.5** | **97.5** | **91.6** |
| *National forest* | *80.9* | *94.5* | *97.5* | *89.1* |
| *State lands* | *5.3* | — | — | *2.6* |
| **Other ownerships**[a] | **—** | **—** | **2.5** | **0.9** |
| **All ownerships** | **48.2** | **14.0** | **37.8** | **100** |

[a] Other ownerships include BLM and Canada.

[b] Other products include furniture logs, fiber logs, posts and poles.

**Table 10. Active Utah primary wood products facilities by county and product, 2020 (Sources: Keegan and others 1995; Morgan and others 2006; Hayes and others 2012; Sorenson and others 2016; Hayes and others 2021).**

| County | Lumber | Log homes and house logs | Log furniture and other products[a] | Total |
|---|---|---|---|---|
| Beaver | 1 | — | — | 1 |
| Carbon | — | 1 | — | 1 |
| Duchesne | 3 | — | — | 3 |
| Garfield | 1 | — | — | 1 |
| Iron | 1 | — | 1 | 2 |
| Morgan | 1 | — | — | 1 |
| Rich | 1 | — | — | 1 |
| Salt Lake | — | — | 1 | 1 |
| Sanpete | — | 1 | 1 | 2 |
| Sevier | — | — | 1 | 1 |
| Summit | 1 | — | — | 1 |
| Uintah | — | 2 | 1 | 3 |
| Wasatch | 1 | 1 | — | 2 |
| Wayne | 1 | 1 | — | 2 |
| Weber | — | 1 | — | 1 |
| **2020 Total** | **11** | **7** | **5** | **23** |
| **2016 Total** | **9** | **6** | **3** | **18** |
| **2012 Total** | **8** | **7** | **3** | **18** |
| **2007 Total** | **12** | **10** | **5** | **27** |
| **2002 Total** | **23** | **14** | **12** | **49** |
| **1992 Total** | **34** | **13** | **4** | **51** |

[a] Other products include posts, poles and bark products.

**Table 11. Sales of finished products from Utah's primary wood products sectors, 2002, 2007, 2012, 2016, 2020.**

| Sector | 2002 | 2007 | 2012 | 2016 | 2020 |
|---|---|---|---|---|---|
| | ------------------------------*Thousands 2020 dollars*------------------------------- | | | | |
| **Sawmills** | 18,045 | 10,009 | 3,890 | 3,251 | 5,207 |
| **Log homes and other sectors**[a] | 29,972 | 23,707 | 13,207 | 18,033 | 22,725 |
| **Total**[b] | **48,017** | **33,716** | **17,098** | **21,284** | **27,932** |

[a] Other sectors include producers of posts, poles and log furniture. Mill residuals, firewood, mulch, and bark products are not included to enable comparison to earlier years.

[b] All sales are reported f.o.b. manufacturers' plants.

**Table 12. Utah sawmills by production size class, selected years 1966-2020. (Sources: Setzer and Wilson 1970; Keegan and others 1995; Morgan and others 2006; Hayes and others 2012; Sorenson and others 2016; Hayes and others 2021).**

| Year | Under 1 MMBF[a] | Over 1 MMBF[a] | Total |
|---|---|---|---|
| | -----------------------*Number of sawmills*------------------------- | | |
| **2020** | (size classes combined for 2020 to prevent disclosure) | | **11** |
| **2016** | 6 | 3 | **9** |
| **2012** | 4 | 4 | **8** |
| **2007** | 7 | *5* | **12** |
| **2002** | 17 | 6 | **23** |
| **1992** | 25 | 9 | **34** |
| **1966** | 37 | 13 | **50** |
| | ---*Percentage of lumber output*--- | | *Volume (MBF*[b]*)* |
| **2020** | (size classes combined for 2020 to prevent disclosure) | | **9,104** |
| **2016** | 14 | 86 | **11,431** |
| **2012** | 13 | 87 | **9,553** |
| **2007** | 6 | 94 | **22,892** |
| **2002** | 13 | 87 | **26,524** |
| **1992** | 13 | 87 | **63,637** |
| **1966** | 10 | 90 | **72,000** |

[a] Size class is based on reported lumber production; MMBF=million bord feet lumber tally.

[b] MBF = thousand board feet lumber tally.

**Table 13. Number of Utah sawmills and average lumber production, selected years 1966-2020. (Sources: Setzer and Wilson 1970; Keegan and others 1995; Morgan and others 2006; Hayes and others 2012; Sorenson and others 2016; Hayes and others 2021).**

| Year | Number of sawmills | Average production per mill |
|---|---|---|
| | | MMBF[a] |
| **2020** | 11 | 0.8 |
| **2016** | 9 | 1.3 |
| **2012** | 8 | 1.2 |
| **2007** | 12 | 1.9 |
| **2002** | 23 | 1.2 |
| **1992** | 34 | 1.9 |
| **1966** | 50 | 1.4 |

[a] MMBF = million board feet lumber tally.

**Table 14. Active Utah sawmills, lumber production capacity, lumber production and capacity utilization by size class, 2020.**

| | Annual capacity | | | | Annual production | | | |
|---|---|---|---|---|---|---|---|---|
| Production capacity size class | Number of mills | Capacity (MBF[a]) | Percentage of total capacity | Average mill capacity by size class | Production (MBF[a]) | Percentage of total production | Average mill production by size class | Percentage of capacity utilization |
| **≥ 1 MMBF[b]** | 5 | 19,000 | 85 | 3,800 | 6,501 | 71 | 1,300 | 34 |
| **<1 MMBF[b]** | 6 | 3,280 | 15 | 547 | 2,603 | 29 | 434 | 79 |
| **Total** | **11** | **22,280** | **100** | **2,025** | **9,104** | **100** | **828** | **41** |

[a] MBF = thousand board feet lumber tally.

[b] MMBF = million board feet lumber tally.

**Table 15. Production and disposition of Utah mill residuals, 2020.**

| Residual type | Total utilized | Pulp and board | Energy | Mulch/ bedding | Unspecified use | Unused | Total produced |
|---|---|---|---|---|---|---|---|
| | *--------Bone-dry units[a]--------* | | | | | | |
| **Coarse** | **10,495** | — | 4,215 | — | 6,280 | 298 | **10,793** |
| **Fine** | **6,904** | — | 4,117 | 2,177 | 610 | 70 | **6,974** |
| *Sawdust* | *4,957* | — | *3,810* | *1,147* | *0* | *45* | *5,002* |
| *Planer shavings* | *1,947* | — | *307* | *1,030* | *610* | *26* | *1,973* |
| **Bark** | **2,992** | — | 788 | 1,020 | 1,184 | 273 | **3,266** |
| **Total** | **20,391** | **—** | **9,120** | **3,197** | **8,074** | **642** | **21,033** |
| | *--------Percentage of residual type--------* | | | | | | |
| **Coarse** | **97.2** | — | 39.1 | — | 58.2 | 2.8 | **51.3** |
| **Fine** | **99.0** | — | 59.0 | 31.2 | 8.7 | 1.0 | **33.2** |
| *Sawdust* | *99.1* | — | *76.2* | *22.9* | *0.0* | *0.9* | *23.8* |
| *Planer shavings* | *98.7* | — | *15.6* | *52.2* | *30.9* | *1.3* | *9.4* |
| **Bark** | **91.6** | — | 24.1 | 31.2 | 36.3 | 8.4 | **15.5** |
| **Total** | **96.9** | **—** | **43.4** | **15.2** | **38.4** | **3.1** | **100** |

[a] Bone-dry unit=2,400 lbs oven-dry wood.

**Table 16. Utah sawmill residual factors, selected years 2002-2020.**

| Type of residual | 2002 | 2007 | 2012 | 2016 | 2020 |
|---|---|---|---|---|---|
| **Coarse** | 0.48 | 0.44 | 0.64 | 0.62 | 0.67 |
| **Sawdust** | 0.19 | 0.21 | 0.14 | 0.14 | 0.09 |
| **Planer shavings** | 0.10 | 0.15 | 0.10 | 0.11 | 0.10 |
| **Bark** | 0.21 | 0.20 | 0.25 | 0.21 | 0.21 |
| **Total** | **0.98** | **1.00** | **1.13** | **1.08** | **1.07** |

**Table 17. Destination and sales value of Utah's primary wood products and mill residuals, 2020.**

| Product | Utah | Other 4-Corner states | Other Rocky Mountain states[a] | Far West[b] | Northeast[c] | South[d] | North Central[e] | Total |
|---|---|---|---|---|---|---|---|---|
| | ---Thousand 2020 dollars--- | | | | | | | |
| **Lumber, timbers, and other sawn products** | 4,597 | 1,050 | 665 | 5 | 650 | 648 | 1,503 | **9,118** |
| **House logs and log homes** | 2,853 | 1,476 | 977 | 99 | 991 | 941 | 941 | **8,279** |
| **Other products[f]** | 5,762 | 75 | - | - | 1,560 | 1,040 | 2,080 | **10,517** |
| **Total** | **13,212** | **2,601** | **1,642** | **104** | **3,201** | **2,629** | **4,524** | **27,914** |
| | ---Percentage of regional sales--- | | | | | | | |
| **Lumber, timbers, and other sawn products** | 34.8 | 40.4 | 40.5 | 4.7 | 20.3 | 24.6 | 33.2 | **32.7** |
| **House logs and log homes** | 21.6 | 56.7 | 59.5 | 95.3 | 31.0 | 35.8 | 20.8 | **29.7** |
| **Other products[f]** | 43.6 | 2.9 | — | — | 48.7 | 39.6 | 46.0 | **37.7** |
| **Total** | **47.3** | **9.3** | **5.9** | **0.4** | **11.5** | **9.4** | **16.2** | **100** |

[a] Other Rocky Mountain states include Idaho, Montana and Nevada.

[b] Far West includes Alaska, California, Hawaii, Oregon, and Washington.

[c] Northeast includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

[d] South includes Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

[e] North Central includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

[f] Other products include posts, poles, log furniture, firewood and mill residuals.

**Table 18. Average annual employment and labor income contributions from Utah's forest industry, 2020.**

| Sector | Direct employment | Indirect and induced employment | Total employment contribution | Direct labor income | Indirect and induced labor income | Total labor income contribution |
|---|---|---|---|---|---|---|
| **Forestry and logging** | 193 | 102 | **295** | $ 4,017 | $ 2,601 | **$ 6,618** |
| **Forestry support activities** | 129 | 38 | **167** | $ 7,109 | $ 3,667 | **$ 10,776** |
| **Wood products manufacturing** | 3,008 | 3,408 | **6,416** | $ 153,783 | $ 209,684 | **$ 363,467** |
| *Primary wood products mfg* | *781* | *941* | *1,722* | *$ 36,135* | *$ 50,047* | *$ 86,182* |
| *Secondary wood products mfg* | *2,227* | *2,467* | *4,694* | *$ 117,648* | *$ 159,637* | *$ 277,285* |
| **Paper manufacturing** | 2,771 | 7,440 | **10,211** | $ 254,559 | $ 382,042 | **$ 636,601** |
| **Total forest industry** | **6,101** | [a] | [a] | **$ 419,468** | [a] | [a] |

[a] Indirect and induced employment and labor income should not be summed for multiple sectors due to some employment and income contributing directly to one sector and indirectly to others.