## Direct contributions of forestry to Arkansas’ economy in 2017

(2015 Implan data in 2017 dollars)

<table>
<thead>
<tr>
<th>Sector</th>
<th>Employment</th>
<th>Employee Compensation (In millions)</th>
<th>Value Added (In millions)</th>
<th>Output (In millions)</th>
<th>Avg Annual Employee Compensation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forestry</td>
<td>498</td>
<td>$13.73</td>
<td>$28.80</td>
<td>$48.28</td>
<td>$27,601</td>
</tr>
<tr>
<td>Logging</td>
<td>4,535</td>
<td>$109.36</td>
<td>$238.60</td>
<td>$389.20</td>
<td>$24,115</td>
</tr>
<tr>
<td>Solid Wood Products</td>
<td>10,279</td>
<td>$482.01</td>
<td>$946.13</td>
<td>$3,057.88</td>
<td>$46,891</td>
</tr>
<tr>
<td>Pulp and Paper</td>
<td>9,678</td>
<td>$776.41</td>
<td>$1,869.74</td>
<td>$6,967.24</td>
<td>$80,227</td>
</tr>
<tr>
<td>Furniture</td>
<td>2,759</td>
<td>$103.37</td>
<td>$128.16</td>
<td>$427.76</td>
<td>$37,461</td>
</tr>
<tr>
<td><strong>Total Direct Impacts</strong></td>
<td><strong>27,749</strong></td>
<td><strong>$1,484.88</strong></td>
<td><strong>$3,211.43</strong></td>
<td><strong>$10,890.36</strong></td>
<td><strong>$53,511</strong></td>
</tr>
</tbody>
</table>

### Average compensation

For forestry in Arkansas is $53,511, greater than the national average of $52,064 and the Arkansas average of $40,276.

### Every forestry job creates

2.4 jobs in Arkansas.
Direct contributions of forestry to Arkansas' economy in 2017

<table>
<thead>
<tr>
<th>Impact Type</th>
<th>Employment</th>
<th>Employee Compensation (In millions)</th>
<th>Value Added (In millions)</th>
<th>Output (In millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Direct Impacts</td>
<td>27,749</td>
<td>$1,485</td>
<td>$3,211</td>
<td>$10,890</td>
</tr>
<tr>
<td>Indirect Impacts</td>
<td>17,512</td>
<td>$863</td>
<td>$1,707</td>
<td>$3,278</td>
</tr>
<tr>
<td>Induced Impacts</td>
<td>21,172</td>
<td>$751</td>
<td>$1,501</td>
<td>$2,523</td>
</tr>
<tr>
<td>Total Impacts</td>
<td>66,433</td>
<td>$3,099</td>
<td>$6,419</td>
<td>$16,691</td>
</tr>
</tbody>
</table>

Output is the value of all shipments. Because forest industry sectors ship to each other, output, while simple to understand as an economic measure, "double counts" economic benefits.

Value-added is labor income plus indirect taxes and other property type income such as payments for rent, royalties and dividends. Value-added is a much better measure of economic contribution, and is very similar to gross domestic product, or GDP, but the measures are estimated using different methods and data sources.

$6.4 billion in total value-added impact in 2017 dollars.
Forestry’s contribution to Southern states’ economies

Forestry is the largest percentage of Arkansas’ economy when compared among the 13 southern states.

When compared to all 50 states, Arkansas’ economy is four times more dependent on forestry.

Arkansas 5.1%
Mississippi 4.6%
Alabama 4.5%
South Carolina 3.5%
Tennessee 2.7%
Georgia 2.5%
North Carolina 2.3%
Kentucky 2.1%
Louisiana 1.95%
Virginia 1.2%
Oklahoma 1.05%
Florida 0.90%
Texas 0.80%
1978
17.3 million acres of forest, covering 51% of Arkansas.

2016
19 million acres of forest, covering 56% of Arkansas.

Forest volume increase

<table>
<thead>
<tr>
<th>In millions of tons</th>
<th>1978</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pine</td>
<td>278</td>
<td>432</td>
</tr>
<tr>
<td>Hardwood</td>
<td>333</td>
<td>583</td>
</tr>
<tr>
<td>Total</td>
<td>611</td>
<td>1,000</td>
</tr>
</tbody>
</table>

Who owns forestland?

All forestland

- Public 3.7 million acres
- Private 15.3 million acres

All privately held forestland

1 in 14
of all Arkansans owns forestland.

Arkansas has
214,000
family forest landowners.

Value of payments to all forest landowners in 2016 was $498 million based on timber tonnages reported processed in Arkansas.
Forestry creates jobs

Forestry is deeply integrated in Arkansas. Forest industries provide jobs in 86 percent of all economic sectors in the state.

Area of Forestland

Arkansas has 19 million acres of forestland.

- 10.8 million acres of hardwoods
- 3.2 million acres of natural pine stands
- 3.0 million acres of planted pine stands
- 1.9 million acres mixed pine/hardwoods.
The University of Arkansas System Division of Agriculture, through its Arkansas Forest Resources Center, a systemwide Center of Excellence, and the School of Forestry and Natural Resources at the University of Arkansas at Monticello, work in partnership to conduct real-world research, education and outreach, to strengthen this growing industry in Arkansas. To find out more about what we can do for this valuable sector, contact the School or the Center at forestresources@uamont.edu or 870-460-1052.