2022 Forestry Contributions Chowan County, NC

NC STATE EXTENSION

Chowan County has about 51,570 acres of privately owned timberland.

Landowners in this county received an estimated stumpage harvest value of $1.5 million.

The forest sector in this county had a total economic contribution of approximately $13 million in industry output to the county's economy.

The forest sector in this county supported 76 total jobs with a payroll of about $5 million.

Economic Contribution of the Forest Sector[1]

Direct Impact[2]

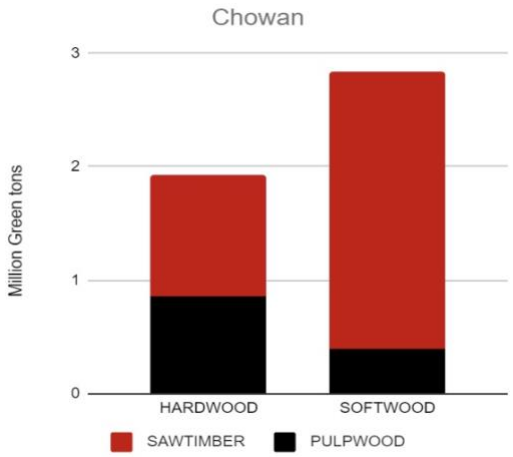
	Employment (jobs)[3]	Labor Income (million $)[4]	Value Added (million $)[5]	Industry Output (million $)[6]
Forestry	1	0.07	0.08	0.10
Logging	30	2.56	3.77	4.98
Primary Solid Wood Products	2	0.03	0.03	0.65
Secondary Solid Wood Products	24	1.22	1.53	4.25
Primary paper & paperboard products	-	-	-	-
Secondary paper & paperboard products	0	0.04	0.04	0.24
Total	**57**	**4**	**5**	**10**

Total Impact[7]

	Employment (jobs)[3]	Labor Income (million $)[4]	Value Added (million $)[5]	Industry Output (million $)[6]
Forestry	1	0.08	0.09	0.12
Logging	41	3.03	4.55	6.29
Primary Solid Wood Products	3	0.14	0.20	0.93
Secondary Solid Wood Products	30	1.46	1.97	5.16
Primary paper & paperboard products	-	-	-	-
Secondary paper & paperboard products	1	0.06	0.08	0.31
Total	**76**	**5**	**7**	**13**

Timberland[8] & Reserved Forestland by Ownership[9]

Ownership	NC (Acres)	Chowan (Acres)
Public Timberland	2,601,709	-
Private Timberland	15,367,452	51,570
Reserve Forestland	648,263	-
Total Timberland and Forestland	18,617,424	51,570
All Land	31,531,452	110,575
% Timberland	57%	47%
% Reserved	2%	0%



Timber Growth vs. Harvest Volumes[10]

Volume Estimate	NC	Chowan
	(Million Green Tons)	
Growth	58.1	0.26
Harvest	32.4	0.12
Growth: Harvest Ratio	**1.79**	**2.17**

A map showing local forest product mills nearby the county.

Data Source:

NC Forest Service: Buyers of Timber in North Carolina from the North Carolina Forest Service.
Found at:
http://www.ncforestservice.gov/Managing_your_forest/timber_buyers.htm
NC Counties Shapefile: NC Dept of Transportation.
Found at:
http://www.nconemap.gov/

Footnotes:

[1]Economic contribution numbers, based on multi-industry contribution analysis, are reported in 2022 dollars. IMPLAN's built-in industry contribution analysis method is used. Sectors included: 15, 16, 19 (partial), 132, 134, 134, 135, 136, 137, 138, 139, 140, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 365, 366, 367, 370, 371, and 373. 2022 IMPLAN data are obtained from IMPLAN (https://implan.com/). [1]

[2]Direct effect is a series of production changes or expenditures made by producers/consumers as a result of an activity. [2]

[3]Employment includes both full- and part-time jobs. [3]

[4]Labor income includes all forms of employment income, including employee compensation (wages and benefits) and proprietor income. [4]

[5]Value added is the difference between industry output and the cost of intermediate inputs. It consists of compensation of employees, taxes on production and imports less subsidies, and gross operating surplus. [5]

[6]Industry output is the total annual value of production by an industry. [6]

[7]Total effect is the sum of direct, indirect, and induced contribution effects generated by the sector. [7]

[8]Timberlands are a subset of forestlands that are not reserved by law and potentially available for commercial timber harvest. Federal, state and local governments own public timberlands. Non-industrial private landowners (i.e., farm forests, family forests), forest industry, or other corporate businesses (i.e., timber investment management organizations) own private timberlands. 2022 Data are retrieved from USDA Forest Service Forest Inventory and Analysis (https://apps.fs.usda.gov/Evalidator/evalidator.jsp). [8]

[9]Reserved forests, as used here, are for public lands where the law does not permit commercial timber production. [9]

[10]Harvests include removals during timber harvests and removals for other reasons such as land conversion. [10]

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