Australian forest and wood products statistics datasets 2020

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The Australian forest and wood product statistics (AFWPS) is a key publication for stakeholders in the forest and wood products industry. It provides a comprehensive dataset that can be used to inform policy makers and industry representatives on the current state of the industry that may in turn be used to inform decision makers on important future trends and drivers of change.

ABARES has a long standing and highly respected relationship with stakeholders in the forest and wood products industry. This has allowed ABARES to become a trusted repository of confidential information, including the volume and value of logs harvest and processed as well as detailed information on the current commercial plantation estate and public and private native forests. This means ABARES aggregated industry level statistics are reliable, complete and consistent, providing robust datasets for decision making.

ABARES Australian forest and wood products statistics (AFWPS) is a compendium of data on key indicators of activity in the Australian forest and wood products sector, such as:

· commercial plantation areas by type and jurisdiction

· volume and value of logs harvested by type and jurisdiction

· production and trade of wood products

· socio-economic variables relevant to the forest sector

The AFWPS will be published as a data visualisation product. This approach has a number of key benefits:

· Users can interrogate the data directly, using inbuilt features such as drop-down filters and map selections

· Trends in the data can be analysed within the visualisation, and all charts, tables and underlying data can be downloaded

· Notes embedded in each page provide information about the variables and guidance on how to manipulate the visualisation

· The new product contains a greater range and depth of data – particularly relating to imports and exports of forest products.

1.1　Scope and Coverage

The AFWPS datasets include a number of long time series including as far back as 1939 for commercial plantations, as well as comprehensive coverage of current period data for the entire industry.

The data is represented at the state, national and international scale for forestry imports and exports.

For the gross value of production (GVP) value and volume data, the Australian Capital Territory's data is combined with New South Wales. Northern Territory data is combined with Western Australia for confidentiality.

The list of regions covered are outlined in Table 1 below for domestic and international datasets. The majority of the datasets are not modelled or estimated by ABARES, except for gross roundwood equivalent consumption and sawnwood production. In some instances, it may have been necessary to estimate incomplete data. Where this estimation has occurred, this will be reported in the notes section of the published dataset. The notes section also provides a description of each dataset and its limitations.

Table 1 List of domestic regions

Dataset	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia	International
Native Forest	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Production									✓	
Census employment									✓	
Plantations	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Dwelling units commenced									✓	
Apparent consumption of wood products									✓	
Value and volume of logs harvested	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Gross roundwood equivalent consumption									✓	
Industry sales									✓	
Industry value added									✓	
Sawnwood production	✓	✓	✓	✓	✓	✓				
Imports										✓
Exports										✓

ABARES also obtains Australian Bureau of Statistics (ABS) forestry data including forestry employment, sales and services income and numerous other datasets, these datasets are listed in Table 3. ABARES adds value to the ABS data by presenting and analysing the relevant data in a format that aggregates the available forestry sector data and removes any data that is not directly related to forestry.

Table 2 List of ABS forestry data

Dataset	Data detail	Source
Industry sales	By industry, state, time series	ABS, *Australian Industry*, cat. no. 8155.0, Canberra; ABS, *Experimental Estimates for the Manufacturing Industry,* various years, cat. no. 8159.0, Canberra.
Industry value added	By industry, time series	
Wages and salaries	By industry, time series	
Census Employment	By industry, time series	ABS, *Census of Population and Housing, 2006, 2011, 2016*, Canberra.
Dwellings Commenced	By state, time series	ABS, *Building Activity, Australia*, cat. no. 8752.0, Canberra.
Apparent Consumption	By product, time series	ABARES; state and territory forest services; forest industry associations; private industry; ABS, Canberra.
Recovered Paper	By product, trade, time series	ABARES; ABS, *Information Consultancy Services, 2007*, cat. no. 9920.0, Canberra.