



Australian Plantation Products & Paper Industry Production Statistics 2004-05

The data presented in these tables is based on statistics collected from most of A3P's member companies. Where detailed information has not been available for some companies, estimates have been made.

The data is collected on the basis of the Australian financial year 1 July 2004 to 30 June 2005. This data is not directly comparable to statistics provided for 2003-04 as the list of companies covered is not the same.

1. Sales Revenue (\$ millions)

Product	Domestic	Export	Total
<i>Logs</i>	458	17	475
<i>Sawmilling</i> ¹	1,132	78	1,211
<i>Pulp and Paper</i>	2,052	345	2,396
Total	3,642	440	4,082

¹ includes sawntimber and woodchip

2. Employment (FTE individuals @ 30 June 2005)

Sector	Employees	Contractors	Total
<i>Forest growing & management</i>	1,546	2,348	3,894
<i>Sawn milling</i> ¹	4,162	475	4,637
<i>Pulp and paper</i>			5,014
Total			13,545

3. Fixed Capital Investment (\$ millions)

Sector	At 30 June 2005	New Investment Planned 2005-06	New Investment Planned next 5 years
<i>Plantations</i> ¹	3,074	74	388
<i>Other grower assets</i> ¹	223	17	68
<i>Sawmilling</i>	333	71	273
<i>Pulp and Paper</i>	2,799	312	949
Total	6,429	474	1,678



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Direct research & development expenditure by the companies (other than R&D levies) totaled approximately \$53 million.

4. Production (cubic metres/tonnes)

Sawlogs ¹	7,293,000
Pulplogs ¹	4,186,000
Other logs ¹	549,000
Total Logs (m³)	12,028,000
Softwood Sawntimber (m³)	2,402,000
Softwood Woodchip (dry tonnes)	1,994,000
Pulp (dry tonnes)	1,104,000
Paper (dry tonnes)	2,010,000

¹ Some of this material is exported as log or chip and not processed into finished product in Australia. Log production figures represent output from Australian plantations not input to Australian sawntimber and paper processing facilities.

5. Plantation Timber Production (cubic metres/dry tonnes)

Softwood sawn timber – structural	1,675,000
Softwood sawn timber – other	727,000
Softwood woodchips	1,994,000
Softwood – other products	454,000

6. Sustainable Forest Management Certification

The plantation assets described above cover approximately 850,000 hectares. Of this total, approximately 490,000 hectares have been independently certified against a sustainable forest management standard. 165,000 hectares is certified under the Forest Stewardship Council and 325,000 hectares under the Australian Forestry Standard, endorsed by the Programme for the Endorsement of Forest Certification schemes (PEFC).



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7. Greenhouse Gas Emissions

A3P members in the plantation sector have been responsible for a net increase in plantation area of approximately 110,000 hectares since 1990. Under the terms of the Kyoto protocol these areas contribute to a reduction in greenhouse gas emissions. The estimated net increase in standing wood volume of post-1990 plantations is approximately 9 million cubic metres. This is the equivalent of a reduction of approximately 8 million tonnes of CO₂ emissions.

Carbon remains stored in wood products while they are in use and, according to recent research by the CRC for Greenhouse Accounting, for many decades after disposal. The production of 2,402,000 cubic metres of sawntimber in 2004-05 by A3P members is equivalent to retaining 2.1 million tonnes of CO₂ emissions within the timber.

As major energy users, the paper industry is a significant emitter of greenhouse gases. Since 1990 the paper industry has reduced its emissions of greenhouse gases per tonne of production from 1.73 to 1.36 (tonnes of CO₂ equivalent excluding methane per tonne of production), a reduction of more than 20%.