

THE CONTRIBUTION OF PRIMARY INDUSTRIES TO THE NSW ECONOMY

KEY DATA 2015

All Primary Industries 2012–13

Gross Value of Production (GVP) 2012–13 (\$ million)

| | NSW | Aust. | NSW % of Aust. |
|--|---------------|----------------|----------------|
| Agriculture | 12,128 | 48,048 | 25 |
| Fisheries | 147 | 2,382 | 6 |
| Forestry | 320 | 1,503 | 21 |
| Mining | 20,594 | 138,337 | 15 |
| All primary industries | 33,189 | 190,270 | 17 |
| Gross State/Domestic Product (GSP/GDP) | 476,434 | 1,521,465 | 31 |
| Agriculture GVP as % of GSP/GDP | 2.5 | 3.2 | |
| Primary industries GVP as % of GSP/GDP | 7.0 | 12.5 | |

Note: Components may not sum to totals due to rounding.

Exports 2012–13 (\$ million)

| | NSW | Aust. | NSW % of Aust. |
|--|---------------|----------------|----------------|
| Raw agriculture | 5,680 | 30,525 | 19 |
| Fish/seafood | 15 | 1,016 | 2 |
| Forest products (ex board and paper) | 177 | 1,090 | 16 |
| Processed and manufactured agriculture, fishing and forest products ¹ | 1,387 | 5,962 | 23 |
| Total agriculture, fishing and forestry | 7,259 | 38,593 | 19 |
| Raw minerals and fuels | 16,268 | 143,033 | 11 |
| Processed and manufactured minerals ¹ | 2,774 | 12,979 | 21 |
| Total mining | 19,042 | 156,012 | 12 |
| All primary industries | 26,301 | 194,605 | 14 |
| Total merchandise exports | 37,015 | 246,980 | 15 |
| Agriculture, fishing and forestry exports as % of merchandise exports | 19.6 | 15.6 | |
| Primary industries exports as % of merchandise exports | 71.1 | 78.8 | |

¹The value of processed and manufactured exports includes the product of local and imported components.

Note: All export values based on ABS data. Total export figures based on definitions and methodology taken from WTO *International Trade Statistics 2014* publication.

Note: Components may not sum to totals due to rounding.

Total Employment 2011 (persons)

| | NSW | Aust. | NSW % of Aust. |
|---|----------------|----------------|----------------|
| Agriculture and services | 65,716 | 233,908 | 28 |
| Fishing and services | 1,587 | 8,358 | 19 |
| Forestry and services | 2,131 | 7,561 | 28 |
| Mining and services | 31,118 | 176,560 | 18 |
| All primary industries | 100,552 | 426,387 | 24 |
| Total employment | 3,134,651 | 10,058,325 | 31 |
| Primary industries employment as % of total employment | 3.2 | 4.2 | |
| Primary industries employment in regional NSW as % of total regional NSW employment | 9.9 | | |

Note: Regional NSW is NSW less Sydney, the Central Coast, Newcastle and Wollongong. Employment data is sourced from the 2011 Census in order to find the best estimates for employment by industry classification. Location of employed persons is enumerated by place of usual residence.

Note: Components may not sum to totals due to rounding.

The importance of primary industries production and employment to the NSW economy

The outputs of NSW primary industries contribute directly to the output of other businesses and industries in NSW. The value of these direct and indirect outputs can be estimated to show the overall contribution of primary industries to the economy of NSW. This estimate is obtained by applying the multiplier coefficients calculated by the ABS for different industry sectors, and are shown in the table below:

Primary Industries Gross Value of Production (GVP), NSW, 2012–13 (\$ million)

| | GVP | Multiplier | Extended GVP |
|--|---------------|------------|---------------|
| Agriculture | 12,128 | 2.178 | 26,415 |
| Fisheries | 147 | 2.485 | 365 |
| Forestry | 320 | 2.485 | 795 |
| Mining | 20,594 | 2.136 | 43,989 |
| All primary industries | 33,189 | | 71,564 |
| NSW Gross State Product (GSP) | 476,434 | | |
| Primary industries GVP as % of GSP | 7.0 | | |
| Extended primary industries GVP as % GSP | 15.0 | | |

Note: Components may not sum to totals due to rounding.

The ABS has published separate multipliers (Type 2A) to estimate the effect on employment in Australia of the operation of primary industries. These are applied to NSW labour data to estimate the extended influence of primary industries on employment in NSW. This method of simple estimation was endorsed by the Centre for Policy Studies at Monash University.

The ABS collects employment data via survey and census. For small sectors, the results differ between the two methodologies as samples in the surveys are relatively small. This publication only refers to census data for consistency.

Primary Industries Employment, NSW, 2011 Census (persons)

| | Employment | Multiplier | Extended Employment |
|---|----------------|--------------|---------------------|
| Agriculture and services | 65,716 | 1.828 | 120,129 |
| Fishing and services | 1,587 | 2.424 | 3,847 |
| Forestry and services | 2,131 | 2.424 | 5,166 |
| Mining and services | 31,118 | 3.977 | 123,756 |
| All primary industries | 100,552 | | 252,898 |
| | All NSW | Regional NSW | |
| Total employment | 3,134,651 | 686,759 | |
| Primary industries employment | 100,552 | 77,804 | |
| Primary industries employment as % of total employment | 3.2 | 11.3 | |
| Extended primary industries employment | 252,898 | 168,525 | |
| Extended primary industries employment as % of total employment | 8.1 | 24.5 | |

Note: Regional NSW is NSW less Sydney, the Central Coast, Newcastle and Wollongong. Employment data is sourced from the 2011 Census in order to find the best estimates for employment by industry classification. Location of employed persons is enumerated by place of usual residence.

Note: Components may not sum to totals due to rounding.

Agriculture 2012–13

| | NSW | Aust. | NSW % of Aust. | Avg NSW 2004–13 |
|--|---------------|----------------|----------------|-----------------|
| Land use ('000 ha) | | | | |
| Agricultural land | 58,848 | 396,615 | 15 | na |
| Non-agricultural land | 21,233 | 372,234 | 6 | na |
| Total land area | 80,081 | 768,849 | 10 | na |
| Number of agricultural businesses | | | | |
| Flower and nursery | 753 | 2,553 | 29 | na |
| Fruit and vegetable | 5,757 | 23,042 | 25 | na |
| Sheep and cattle (for wool and meat) | 25,047 | 70,031 | 36 | na |
| Grain and mixed grain/livestock | 10,652 | 33,401 | 32 | na |
| Dairy cattle farming | 1,754 | 11,812 | 15 | na |
| Other agricultural production | 4,809 | 17,684 | 27 | na |
| Total agricultural businesses | 48,772 | 158,523 | 31 | na |
| Stock numbers ('000) | | | | |
| Cattle and calves | 5,953 | 29,291 | 20 | 5,715 |
| Sheep and lambs | 27,808 | 75,548 | 37 | 28,834 |
| Production ('000 tonnes) | | | | |
| Wheat | 7,365 | 22,856 | 32 | 6,634 |
| Barley | 1,286 | 7,472 | 17 | 1,514 |
| Rice | 1,158 | 1,161 | 100 | 507 |
| Canola | 1,495 | 4,142 | 36 | 524 |
| Sugar cane (cut for crushing) | 1,007 | 27,136 | 4 | 2,055 |
| Cotton (lint) | 583 | 894 | 65 | 317 |
| Oranges | 207 | 401 | 52 | 198 |
| Apples | 42 | 289 | 15 | 50 |
| Beef and veal | 491 | 2,245 | 22 | 458 |
| Mutton and lamb | 156 | 640 | 24 | 152 |
| Pork | 68 | 356 | 19 | 91 |
| Chicken meat | 332 | 1,046 | 32 | 293 |
| Wool | 120 | 361 | 33 | 136 |
| Whole milk (million litres) | 1,071 | 9,200 | 12 | 1,113 |
| Wine (million litres) | 387 | 1,244 | 31 | 484 |
| Agriculture gross value of production (\$m) | | | | |
| Wheat | 2,289 | 7,154 | 32 | 1,521 |
| Barley | 352 | 2,063 | 17 | 297 |
| Rice | 301 | 302 | 100 | 141 |
| Canola | 781 | 2,270 | 34 | 245 |
| Cotton | 1,232 | 1,909 | 65 | 644 |
| Fruit and nuts (inc grapes) | 884 | 4,824 | 18 | 750 |
| Cattle and calves | 1,621 | 7,725 | 21 | 1,562 |
| Sheep and lambs | 485 | 2,219 | 22 | 516 |
| Pigs | 179 | 934 | 19 | 234 |
| Poultry | 722 | 2,214 | 33 | 562 |
| Wool | 811 | 2,472 | 33 | 768 |
| Milk | 497 | 3,687 | 13 | 471 |
| Other agriculture | 1,974 | 10,276 | 19 | 1,062 |
| Total agriculture | 12,128 | 48,048 | 25 | 8,773 |
| Raw agricultural exports (\$m) | | | | |
| Cotton | 1,179 | 2,696 | 44 | |
| Wheat | 1,133 | 6,662 | 17 | |
| Beef | 832 | 5,052 | 16 | |
| Wool | 600 | 2,471 | 24 | |
| Other agriculture | 1,936 | 13,644 | 14 | |
| Total raw agriculture | 5,680 | 30,525 | 19 | |

Note: Components may not sum to totals due to rounding.



Fisheries 2012–13

| | NSW | Aust. | NSW % of Aust. |
|---|---------------|----------------|----------------|
| Length of coastline (km) | 2,007 | 35,877 | 6 |
| Number of fishing businesses | 1,188 | 6,484 | 18 |
| Wild fisheries production, by location of catch (tonnes) | | | |
| Tuna | 904 | 3,890 | 23 |
| Other fish | 12,522 | 100,342 | 12 |
| Prawns | 1,726 | 17,403 | 10 |
| Rock lobster | 138 | 10,549 | 1 |
| Abalone | 120 | 4,529 | 3 |
| Other crustaceans and molluscs | 1,127 | 16,146 | 7 |
| Other wild catch | 81 | 194 | 42 |
| Aquaculture production (tonnes) | | | |
| Edible oysters | 3,371 | 12,530 | 27 |
| Salmon and trout | 198 | 42,978 | 0 |
| Silver perch | 149 | 256 | 58 |
| Prawns | 223 | 3,742 | 6 |
| Other aquaculture (inc tuna) | 245 | 20,560 | 1 |
| Total production, wild and aquaculture | 20,804 | 233,119 | 9 |
| Fisheries gross value of production (\$m) | | | |
| Marine fish other than tuna | 57 | 938 | 6 |
| Oysters | 36 | 95 | 38 |
| Prawns | 21 | 277 | 8 |
| Tuna | 7 | 177 | 4 |
| Abalone | 4 | 190 | 2 |
| Other | 22 | 705 | 3 |
| Total fisheries | 147 | 2,382 | 6 |
| Fish/seafood exports (\$m) | | | |
| Fish, fresh and preserved (ex tuna) | 6.7 | 226.8 | 3 |
| Lobster, abalone etc. | 2.9 | 474.1 | 1 |
| Tuna | 1.4 | 35.1 | 4 |
| Other shellfish | 2.2 | 209.6 | 1 |
| Other seafood | 2.1 | 70.5 | 3 |
| Total fish/seafood | 15.3 | 1,016.2 | 2 |

Note: Components may not sum to totals due to rounding.

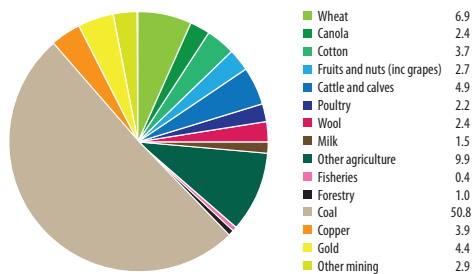
Forestry 2012–13

| | NSW | Aust. | NSW % of Aust. |
|---|---------------|----------------|----------------|
| Area of Forest¹ ('000 ha) | | | |
| Open forest | 9,797 | 33,927 | 29 |
| Closed forest | 509 | 3,810 | 13 |
| Woodland | 10,449 | 81,688 | 13 |
| Plantation forest | 392 | 2,013 | 19 |
| Other forest | 1,534 | 3,311 | 46 |
| Total forest | 22,681 | 124,749 | 18 |
| Total land area | 80,081 | 768,849 | 10 |
| Sawnwood production ('000 cu m) | | | |
| Coniferous (softwood) | 4,343 | 13,536 | 32 |
| Eucalypt (hardwood) | 1,029 | 9,311 | 11 |
| Forestry gross value of production (\$m) | | | |
| Total forestry (sawn logs delivered) | 320 | 1,503 | 21 |
| Forest product exports (\$m) | | | |
| Sawnwood | 44 | 247 | 18 |
| Wood pulp | 0.04 | 0.21 | 19 |
| Woodchips | 68 | 611 | 11 |
| Other forest and wood products | 65 | 231 | 28 |
| Total forest products (ex board and paper) | 177 | 1,090 | 16 |

¹ Area measurements were last updated in 2011.

Note: Components may not sum to totals due to rounding.

Primary Industries GVP, by Value, NSW, 2012–13 (%)



Minerals and Fuels 2012–13

| | NSW | Aust. | NSW % of Aust. |
|---|---------------|----------------|----------------|
| Operations | | | |
| Coal mines | 63 | 128 | 65 |
| Gold mines | 5 | 33 | 15 |
| Other major mines | 19 | na | na |
| Production ('000 tonnes) | | | |
| Black coal (raw) | 245,826 | 526,600 | 47 |
| Black coal (saleable) | 185,553 | 401,400 | 46 |
| Copper (content) | 179 | 963 | 19 |
| Zinc (content) | 259 | 1,507 | 17 |
| Lead (content) | 126 | 639 | 20 |
| Silver (content) | 0.16 | 1.70 | 9 |
| Gold (content) | 0.0292 | 0.2544 | 11 |
| Mining gross value of production (\$m) | | | |
| Coal | 16,874 | 38,641 | 44 |
| Copper | 1,294 | 8,056 | 16 |
| Zinc | 248 | 2,194 | 11 |
| Silver | 146 | 535 | 27 |
| Lead | 180 | 1,943 | 9 |
| Gold | 1,452 | 15,056 | 10 |
| Other mining | 400 | 71,912 | 1 |
| Total mining | 20,594 | 138,337 | 15 |
| Raw mineral and fuel exports (\$m)¹ | | | |
| Coal and coke | 13,266 | 38,912 | 34 |
| Copper | 2,318 | 8,438 | 27 |
| Zinc | 179 | 2,201 | 8 |
| Gold ² | 138 | 15,278 | 1 |
| Lead | 172 | 1,966 | 9 |
| Gas, natural and refined | 17 | 15,359 | 0 |
| Other minerals | 316 | 76,157 | 0 |
| Total raw minerals and fuels³ | 16,268 | 143,033 | 11 |

¹ All export values based on ABS data.

² The majority of NSW and Australia's gold production is refined at the Perth Mint and exported from Western Australia. Thus, NSW gold exports as reported by the ABS do not reflect production levels. The Departmental estimate of NSW gold exports, based proportionally on NSW share of national gold production, is \$1,756m.

³ Total raw mineral and fuel exports exclude gold. Gold is treated as 'other' in the WTO *International Trade Statistics 2014* publication and is not considered a mining export.

Note: Components may not sum to totals due to rounding.

Sources

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