

THE CONTRIBUTION OF PRIMARY INDUSTRIES TO THE NSW ECONOMY

KEY DATA 2016

All Primary Industries 2013–14

Gross Value of Production (GVP) 2013–14 (\$ million)

	NSW	Aust.	NSW % of Aust.
Agriculture	11,278	50,865	22
Fisheries	157	2,460	6
Forestry ¹	378	1,789	21
Mining	20,554	187,201	11
All primary industries	32,366	242,315	13
Gross State/Domestic Product (GSP/GDP)	495,235	1,584,578	31
Agriculture GVP as % of GSP/GDP	2.3	3.2	
Primary industries GVP as % of GSP/GDP	6.5	15.3	

Note: Components may not sum to totals due to rounding.
¹Excludes log processing and forestry product manufacturing.

Exports 2013–14 (\$ million)

	NSW	Aust.	NSW % of Aust.
Raw agriculture	5,015	33,292	15
Fish/seafood	14	1,138	1
Forest products (ex board and paper)	120	1,415	8
Processed and manufactured agriculture, fishing and forest products ¹	1,459	6,576	22
Total agriculture, fishing and forestry	6,608	42,136	16
Total mining	19,473	177,982	11
All primary industries	26,081	220,118	12
Total merchandise exports	36,599	272,921	13
Agriculture, fishing and forestry exports as % of merchandise exports	14.1	13.1	
Primary industries exports as % of merchandise exports	73.2	80.7	

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 2015* 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 ¹	2,131	7,561	28
Mining and services	31,118	176,560	18
All primary industries	100,552	426,387	24
Total employment	3,138,333	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		

¹Excludes log processing and forestry product manufacturing.

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 primary 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 this overall contribution of primary industries to the economy of NSW. The estimate is reached 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, 2013–14 (\$ million)

	GVP	Multiplier	Extended GVP
Agriculture	11,278	2.178	24,563
Fisheries	157	2.485	389
Forestry ¹	378	2.485	939
Mining	20,554	2.136	43,903
All primary industries	32,366		69,794
NSW Gross State Product (GSP)	495,235		
Primary industries GVP as % of GSP	6.5		
Extended primary industries GVP as % GSP	14.1		

¹Excludes log processing and forestry product manufacturing.

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.

Employment data are collected by the ABS in two ways: annually by survey, and every five years in a Census. For small sectors, the results differ between the two methodologies as samples in the surveys are relatively small. Because of this, "Key Data" 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 ¹	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	

¹Excludes log processing and forestry product manufacturing.

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 2013–14

	NSW	Aust.	NSW % of Aust.
Land use (million ha)			
Agricultural land	58	406	14
Non-agricultural land	22	363	6
Total land area	80	769	10
Number of agricultural businesses			
Flower and nursery	753	2,516	30
Fruit and vegetable	5,554	22,376	25
Sheep and cattle (for wool and meat)	24,912	70,227	35
Grain and mixed grain/livestock	10,617	33,457	32
Dairy cattle farming	1,704	11,592	15
Other agricultural production	4,726	17,531	27
Total farms	48,266	157,699	31
Stock numbers ('000)			
Cattle and calves	5,325	26,295	20
Sheep and lambs	26,713	72,612	37
Production ('000 tonnes)			
Wheat	6,595	25,303	26
Barley	1,486	9,174	16
Rice	812	819	99
Canola	922	3,832	24
Sugar cane (cut for crushing)	1,403	30,517	5
Cotton (lint)	574	887	65
Oranges	173	350	49
Apples	41	266	15
Beef and veal	541	2,464	22
Mutton and lamb	167	702	24
Pork	64	360	18
Chicken meat	346	1,084	32
Wool	116	350	33
Whole milk (million litres)	1,104	9,372	12
Agriculture gross value of production (\$m)			
Wheat	1,898	7,998	24
Barley	411	2,453	17
Rice	276	279	99
Canola	482	2,128	23
Cotton	1,307	2,006	65
Fruit and nuts (inc grapes)	745	4,190	18
Cattle and calves	1,540	8,544	18
Sheep and lambs	640	2,641	24
Pigs	200	1,081	18
Poultry	768	2,344	33
Wool	816	2,530	32
Milk	528	4,729	11
Other agriculture	1,666	9,940	17
Total agriculture	11,278	50,865	22
Raw agricultural exports (\$m)			
Cotton	1,027	2,356	44
Wheat	647	5,988	11
Beef	1,169	6,422	18
Wool	557	2,453	23
Other agriculture	1,614	16,073	10
Total raw agriculture	5,015	33,292	15

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



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Fisheries 2013–14

	NSW	Aust.	NSW % of Aust.
Length of coastline (km)	2,007	35,877	6
Number of fishing businesses	1,147	6,348	18
Wild fisheries production, by location of catch (tonnes)			
Tuna	864	10,688	8
Other fish	13,329	142,509	9
Prawns	1,501	21,128	7
Rock lobster	146	10,432	1
Abalone	130	4,781	3
Other crustaceans and molluscs	1,465	17,358	8
Aquaculture production (tonnes)			
Edible oysters	3,266	11,402	29
Salmon and trout	253	41,846	1
Silver perch	195	306	64
Prawns	287	3,774	8
Other aquaculture (inc tuna)	330	17,585	2
Total production, wild and aquaculture	20,988	222,074	9
Fisheries gross value of production (\$m)			
Marine fish other than tuna	62	944	7
Oysters	36	90	40
Prawns	21	337	6
Tuna	7	147	5
Abalone	4	165	2
Other	27	777	3
Total fisheries	157	2,460	6
Fish/seafood exports (\$m)			
Fish, fresh and preserved (ex tuna)	6.3	89.9	7
Lobster, abalone etc.	3.2	760.3	0
Tuna	3.3	135.5	2
Other shellfish	1.2	152.6	1
Total fish/seafood	13.9	1,138.30	1

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

Forestry 2013–14

	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	390	1,999	20
Total forest	22,679	124,736	18
Total land area	80,064	769,202	10
Sawnwood production ('000 cu m)			
Coniferous (softwood)	4,449	14,358	31
Eucalypt (hardwood)	949	10,940	9
Forestry gross value of production (\$m)			
Total forestry (sawn logs delivered)²	378	1,789	21
Forest product exports (\$m)			
Sawnwood	62	403	15
Wood pulp	0.3	0.3	88
Woodchips	0	768	0
Other forest and wood products	58	245	24
Total forest products (ex board and paper)	120	1,415	8

¹ Area measurements were last updated in 2011.

² Excludes log processing and forestry product manufacturing.

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

Minerals and Fuels 2013–14

	NSW	Aust.	NSW % of Aust.
Operations			
Coal mines	63	115	55
Gold mines	5	104	5
Other major mines	19	na	na
Production ('000 tonnes)			
Black coal (raw)	261,000	562,000	46
Black coal (saleable)	196,600	430,200	46
Copper (content)	191	985	20
Zinc (content)	150	1,499	10
Lead (content)	95	738	13
Silver (content)	0.18	1.89	10
Gold (content)	0.0328	0.2743	12
Mining gross value of production (\$m)			
Coal	16,718	39,960	42
Copper	1,448	8,707	17
Zinc	185	2,366	8
Silver	116	251	46
Lead	167	1,964	9
Gold	1,448	13,010	11
Other mining	472	133,953	0
Total mining	20,554	187,201	11
Fuel and mining products exports (\$m)¹			
Coal and coke	13,453	40,148	34
Copper	2,439	9,322	26
Zinc	177	2,375	7
Gold ²	376	13,261	3
Lead	176	1,998	9
Gas, natural and refined	26	17,573	0
Other minerals	3,203	106,565	3
Total fuels and mining products²	19,473	177,982	11

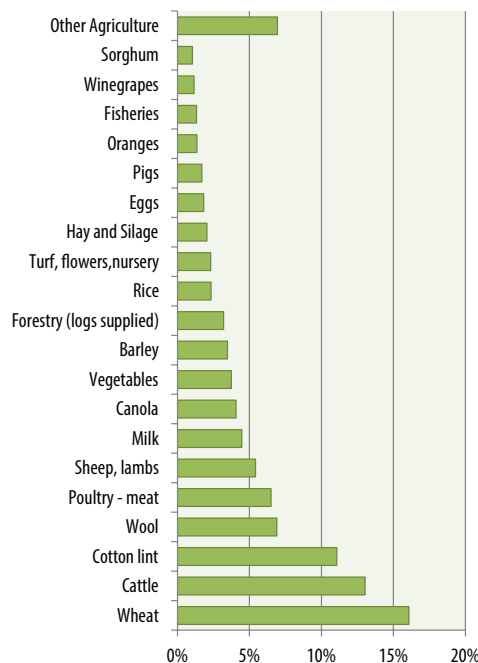
¹ All export values based on ABS data.

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 \$1,585m.

³ Total fuel and mining products exclude gold. Gold is treated as 'other' in the WTO International Trade Statistics 2015 publication and is not considered a mining export.

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

Agriculture, Fisheries & Forestry GVP, by Value, NSW, 2013-14(%)



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