

THE CONTRIBUTION OF PRIMARY INDUSTRIES TO THE NSW ECONOMY

KEY DATA 2013

All Primary Industries 2010–11

	NSW \$m	Aust \$m	NSW %
Gross Value of Production			
Agriculture	11,714.0	46,020.0	25
Fisheries	157.1	3,080.1	5
Forestry (sawn logs delivered)	373.0	1,842.0	20
Minerals	19,601	133,964	15
All primary industry	31,845.1	184,906.1	17
Gross State Product NSW, current prices	435,547.0	1,403,888.0	31
Gross value agriculture as % Gross state product	2.7	3.3	
Gross value primary industries as % gross state product	7.3	13.2	

Primary Industry Exports 2010–11

	NSW \$m	Aust \$m	NSW %
Contribution to Exports			
Agriculture	8,073.0	29,380.0	27
Fish/seafood	15.9	997.0	2
Forest products (excl. board, paper and pulp)	196.4	1,182.5	17
Minerals, metals and coal	\$16,495	\$153,920	11
Estimated value primary industry exports	24,780.3	185,479.5	13
All merchandise exports	36,369.0	245,725.0	15
Primary industry exports as % of merchandise exports	68.1	75.5	

Total Employment (full and part-time) 2011	Persons NSW	Persons Aust	NSW %
Agriculture and services	65,716	233,908	28
Fishing and services	1,587	8,358	19
Forest industry and services	2,131	7,561	28
Mining and services	31,118	176,560	18
All primary industry	100,552	426,387	24
Full-time employed all industries	3,134,651	10,058,325	31
Percent in primary industries	3.2	4.2	
Percent in primary industries non metro areas	9.9		

Metro areas in NSW are counted as Sydney plus Newcastle, Wollongong and the Central Coast. Non metro, regional, is the balance.

The importance of primary industry production and employment in 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 ABS for different industry sectors, and are shown in the table below:

Gross Value of Production, Primary Industries, NSW, 2010–11 (\$ million)

Sector	Primary output (GVP)	Multiplier	Extended total
Agriculture	11,714.0	2.178	25,513.1
Commercial fishing	157.1	2.485	390.5
Forestry and logging	373.0	2.485	926.9
Mining	19,601.0	2.136	41,867.7
Total	31,845.1		68,698.2
Gross State Product (GSP) NSW	435,547.0		
GV primary industries as % GSP	7.3		
Extended GV PI, as % GSP	15.8		

Employment

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

Employment data are collected by ABS in two ways: annually by survey, and every five years in a census. For small sectors, the results are different as samples in the surveys are relatively small. Because of this, 'Key Data' only refers to census data for consistency.

Employment, Primary Industries, NSW, persons, 2011 census (detailed employment data only available in census years)

Sector	Employment	Multiplier	Extended total
Agriculture and services	65,716	1.828	120,129
Commercial fishing	1,587	2.424	4,399
Forestry and logging	2,131	2.424	5,166
Mining and services	31,118	3.977	123,756
Total	100,552		253,450
	All NSW	Regional NSW	
Total employed	3,134,651	686,759	
PI employed	100,552	77,804	
PI employment as % all employment	3.2	11.3	
Extended employment PI	253,450.0	168,525	
Extended employment PI, as % total NSW	8.1	28.8	

Note: Metro areas in NSW are counted as Sydney plus Newcastle, Wollongong and the Central Coast. Regional is the balance. Location of employed persons is enumerated by the place of residence.

Agriculture 2010–11

	NSW	Aust	NSW %	Avg NSW 2002–11
Agricultural land (million ha)	58	410	14	na
Non-agricultural land (million ha)	22	360	6	na
Total area of NSW (million ha)	80	769	10	na

Number of farms
(In 2011 ABS included horse farming in the total number of farms. They are not included here for consistency with previous years.)

	NSW	Aust	NSW %	Avg NSW 2002–11
Flower and nursery	585	1,865	31	751
Fruit and vegetable	3,966	15,641	25	4,416
Livestock for meat and wool	20,927	56,950	37	21,539
Grain and mixed grain/livestock	7,892	24,678	32	9,171
Dairy cattle farming	1,054	7,573	14	1,323
Other agriculture production	7,187	23,855	30	
All farms	41,611	130,562	32	41,786

Stock numbers ('000)

	NSW	Aust	NSW %	Avg NSW 2002–11
Cattle and calves (beef)	5,710	28,506	20	5,754
Sheep and lambs	26,825	73,099	37	30,515

Production, '000 tonnes

	NSW	Aust	NSW %	Avg NSW 2002–11
Wheat	10,488	27,410	38	6,103
Barley	2,194	7,995	27	1,424
Rice	716	723	99	461
Canola	805	2,359	34	354
Sugar cane (cut for crushing)	1,567	25,182	6	2,266
Cotton (lint)	497	844	59	275
Oranges	142	291	49	205
Apples	53	300	18	52
Beef and veal	468	2,133	22	459
Mutton and lamb	115	515	22	163
Wool	113	368	31	154
Whole milk (million litres)	1,046	9,100	11	1,169
Wine (million litres)	372	1,109	34	405

Gross value agric products 2010–11 (\$m)

	NSW	Aust	NSW %	Avg NSW 2002–11 \$m real
Wheat for grain	2,511	7,052	36	1,400
Barley	471	1,729	27	274
Rice	172	174	99	133
Canola	407	1,283	32	149
Cotton	1,126	1,910	59	544
Fruit and nuts (inc. grapes)	631	4,026	16	740
Cattle and calves	1,616	7,824	21	1,538
Sheep and lambs	610	2,862	21	518
Pork	166	919	18	260
Poultry	686	2,077	33	515
Wool	853	2,673	32	833
Milk	505	3,932	13	456
Other	1,961	9,560		
Total agriculture	11,714	46,020	25	8,676.5

Main agricultural exports (\$m)

	NSW	Aust	NSW %
Wool	868	2,835	31
Wheat	2,325	6,076	38
Beef	1,028	4,684	22
Wine	516	1,989	26
Total agricultural exports	8,073	31,809	25

Agricultural exports for calendar year 2011.



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Fisheries 2010–11

	NSW	Aust	NSW %
Length of coastline (km)	2,007	35,877	6
Number of fishing businesses (ABR 2007–11)	1,361	7,230	19
Fisheries production by location of catch (tonnes)			
Tuna	1,234	9,133	14
Other fish	15,331	151,650	10
Prawns	1,660	26,866	6
Rock lobster	129	9,888	1
Abalone	94	5,229	2
Other crustaceans and molluscs	4,836	32,774	15
Aquaculture production (tonnes)			
Edible oysters	3,883	13,951	28
Salmon and trout	168	35,377	0
Silver perch	240	372	65
Prawns	148	3,970	4
Other aquaculture	230	21,518	1
Total production, wild and aquaculture	27,953	310,728	9
Gross value fish and aquaculture products (\$m)			
Marine fish other than tuna	60.9	833.2	7
Oysters	38.3	98.7	39
Prawns	18.3	362.2	5
Tuna	9.5	149.7	6
Abalone	2.8	178.3	2
Other	27.3	1,458.1	2
Total fish and aquaculture	157.1	3,080.1	5
Main fishery exports (\$m)			
Prawns	0.1	77.1	0
Fish	9.9	287.4	3
Abalone	1.8	212.0	1
Rock lobster	4.1	369.3	1
Other seafood exports	0.1	45.2	2
Total seafood exports	15.9	990.9	2

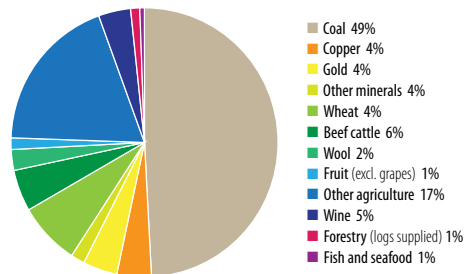
Forestry 2010–11

Area of forest, 2011 ('000 ha)	NSW	Aust	NSW % Aust
Open forest	19,223	44,120	44
Closed forest	505	4,270	12
Woodland	6,480	99,007	7
Plantation forest	392	2,017	19
Total forest	26,599	149,406	18
Total land area	80,064	769,202	10
Sawnwood production 2010–11 ('000 cu m)			
Coniferous (softwood)	4,785.0	15,042.0	32
Eucalypt (hardwood)	1,255.0	11,448.0	11
GV forestry products (\$m)			
Gross value of logs delivered	373.0	1,842.0	20
Main forestry exports, 2010–11 (\$m)			
NSW	Aust	NSW % Aust	
Sawnwood	19.1	43.2	44
Roundwood	55.4	197.6	28
Woodchips	114.8	884.4	13
Misc. forest and wood products	7.1	57.4	12
Total forest product exports	196.4	1,182.5	17

Minerals 2010–11

	NSW	Aust	NSW %
Operations			
Coal mines	61	123	50
Gold mines	5	33	15
Other major mines	10	na	
Production ('000 tonnes)			
Black coal (saleable)	179,867.00	370,358.00	49
Copper (content)	158.00	916.00	17
Zinc (content)	102.00	1,195.62	9
Silver (content)	0.07	1.83	4
Lead (content)	77.00	547.53	14
Gold (content)	0.0300	0.2633	11
Gross value minerals (\$m)			
Coal	16,260	43,408	37
Copper	1,426	8,272	17
Zinc	239	2,800	9
Silver	70	1,753	4
Lead	192	1,366	14
Gold	1,380	12,113	11
Other minerals and gems	34	64,252	0
Total value mineral production	19,601	133,964	15
Metallic mineral and coal exports 2010–11 (\$m)			
Estimate NSW	Aust	NSW %	
Coal	14,174	43,748	32
Copper	593	8,422	7
Zinc	1	2,373	0
Silver	7	164	4
Lead	288	2,059	14
Gold	1,432	13,016	11
Other	0	84,138	
Total value mineral and coal exports	16,495	153,920	11

Principal NSW primary industry products by value 2010–11



Note: NSW exports are estimated as proportion of national exports corresponding to NSW proportion of national production. NSW also processes and exports aluminium, iron and steel and petroleum from bauxite, iron and oil mined in other states, but does not produce the raw materials.

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