

THE CONTRIBUTION OF PRIMARY INDUSTRIES TO THE NSW ECONOMY

KEY DATA 2010

Agriculture 2007–08

	NSW	Aust	NSW %	Avg NSW 1998–08
Agricultural land (million ha)	58	417	14	na
Non-agricultural land (million ha)	22	352	6	na
Total area of NSW (million ha)	80	769	10	na
Number of Farms <small>(ABS has changed the basis on which it categorises and enumerates businesses, from its own categorisation of census forms to the Australian Business Register, available since 2000 with the advent of ABN registration)</small>				
Flower and nursery	584	1,945	30	950
Fruit and vegetable	4,752	18,269	26	4,568
Livestock for meat and wool	21,769	60,014	36	21,225
Grain and mixed grain/livestock	8,439	26,828	31	10,058
Dairy cattle farming	1,223	8,792	14	1,562
Other agriculture production	2,469	9,746	25	2,602
All farms	39,236	125,594	31	41,707
Stock numbers ('000)				
Cattle and calves (beef)	5,330	24,784	22	5,932
Sheep and lambs	26,378	76,938	34	35,329
Production, '000 tonnes				
Wheat	2,477	13,569	18	6,127
Barley	814	7,160	11	1,290
Rice	18	18	100	770
Canola	79	1,214	7	452
Sugar cane (cut for crushing)	2,587	32,621	8	2,464
Cotton (lint)	77	119	65	314
Oranges	219	409	53	223
Apples	45	265	17	59
Beef and veal	463	2,155	21	455
Mutton & lamb	162	694	23	182
Wool	131	408	32	182
Whole milk (million litres)	1,049	9,212	11	1,251
Wine (million litres)	428	1,245	34	381
Gross value agric products (\$m)				
Wheat for grain	889	5,292	17	1,263
Barley	277	2,244	12	222
Rice	7	7	100	202
Canola	44	659	7	159
Cotton	148	227	65	609
Fruit and nuts (incl. grapes)	820	4,451	18	737
Cattle and calves	1,585	7,353	22	1,415
Sheep and lambs	442	2,168	13	430
Pork	266	902	29	267
Poultry	568	1,637	35	448
Wool	814	2,309	35	890
Milk	509	4,572	11	429
Other	2,221	11,450		
Total agriculture	8,590	43,271	20	8,256
Main agricultural exports (\$m)				
Wheat	692	3,792	18	na
Beef	1,068	4,969	21	na
Wine	504	2,680	19	na
Wool	732	2,280	32	na
Total agricultural exports	4,067	27,870	15	na

Fisheries 2007–08

	NSW	Aust	NSW %
Length of coastline (km)	2,007	35,877	6
Number of fishing businesses (Australian Business Register, 2006–07)	1,443	8,217	18
Fisheries production by location of catch (tonnes)			
Tuna	1,060	14,651	7
Other marine fish	15,800	115,448	14
Prawns	1,710	19,342	9
Rock lobster	122	13,833	1
Abalone	109	5,319	2
Other crustaceans and molluscs	1,480	62,236	2
Aquaculture production (tonnes)			
Edible oysters	4,500	12,460	36
Salmon and trout	130	25,527	1
Silver perch	200	292	68
Prawns	200	3,088	6
Total production, wild and aquaculture	24,980	235,681	11
Gross value fish and aquaculture products (\$m)			
Marine fish other than tuna	60.2	723.8	8
Oysters	39.0	89.1	44
Prawns	22.5	267.5	8
Tuna	6.6	210.1	3
Abalone	3.7	188.5	2
Other	17.3	707.8	2
Total fish and aquaculture	149.3	2,186.8	7
Main fishery exports (\$m)			
Prawns	4.9	68.6	7
Fish	10.8	324.8	3
Abalone	3.3	217.2	2
Rock lobster	4.6	400.9	1
Other seafood exports	1.0	53.9	2
Total seafood exports	24.6	1,065.4	2

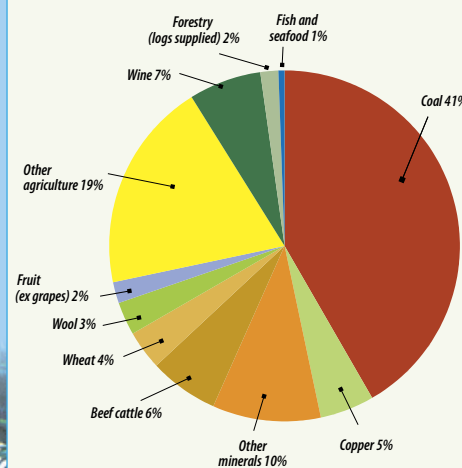
Forestry 2007–08

	NSW	Aust	NSW %
Area of forest, 2008 ('000 ha)			
Native forest – Crown land	17,962	107,773	17
Native forest (private)	8,076	38,099	21
Plantation forest	370	1,973	19
Total forest	26,578	149,369	18
Total land area			
	80,064	769,202	10
Sawnwood production, 2007–08 ('000 cu m)			
Coniferous (Softwood)	1,298.5	4,262.8	30
Eucalypt (Hardwood)	433.6	1,108.5	39
Gross value forestry products (\$m)			
Gross value of logs delivered	379.0	1,872.0	20
Main forestry exports, 2007–08 (\$m)			
Sawnwood	23.5	120.4	20
Roundwood	29.5	105.4	28
Woodchips	106.3	1,072.2	10
Misc. forest and wood products	4.3	44.9	10
Total forest product exports	163.6	1,342.9	12

Minerals 2007–08

	NSW	Aust	NSW %
Operations			
Coal mines	60	121	50
Gold mines	5	58	9
Other major mines	20	na	
Production ('000 tonnes)			
Black coal (saleable)	135,149.00	328,290.00	41
Copper (content)	146.00	849.00	17
Zinc (content)	140.00	1,413.12	10
Silver (content)	0.08	2.00	4
Lead (content)	75.00	608.53	12
Gold (content)	0.03	0.23	14
Gross value minerals (\$m)			
Coal	10,301	28,960	36
Copper	1,282	7,456	17
Zinc	414	4,180	10
Silver	43	1,115	4
Lead	247	2,000	12
Gold	1,011	6,775	15
Petroleum and gas	0	30,229	0
Other minerals	730	30,238	2
Total value mineral production	14,028	110,953	13

Principal NSW products by value 2007–08



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All Primary Industries 2007–08

	NSW \$m	Aust. \$m	NSW %
Gross value of production			
Agriculture	8,590.0	43,270.0	20
Fisheries	149.3	2,186.8	7
Forestry (sawn logs delivered)	379.0	1,872.0	20
Minerals	14,028.0	110,953.0	13
All primary industry	23,146.3	158,281.8	15
Gross State Product NSW, current prices	381,720.0	1,181,750.0	32
Gross value agriculture as % gross state product	2.3	3.7	
Gross value primary industries as % gross state product	6.1	13.4	

	NSW \$m	Aust \$m	NSW %
Contribution to exports			
Agriculture	4,066.8	27,870.0	15
Fish/seafood	24.6	1,065.4	2
Forest products (excl. board, paper & pulp)	163.6	1,343.0	12
Minerals	11,464.0	116,238.0	10
Estimated value primary industry exports	15,719.0	146,516.4	11
All merchandise exports	30,091.0	180,857.0	17
Primary industry exports as % of merchandise exports	50.7	81.0	

Total Employment (full-time) 2006	Persons NSW	Persons Aust	NSW %
Agriculture & services	73,420	259,098	28.3
Fishing & services	1,815	9,735	18.6
Forest industry & services	2,522	8,929	28.2
Mining & services	20,318	106,905	19.0
ALL PRIMARY INDUSTRY	98,075	384,667	25.5
Full-time employed all industries	2,909,448	9,104,187	32.0
Percent in primary industries	3.4	4.3	
Percent in primary industries non metro areas	11.3	11.6	

Metro areas are counted as all capital cities plus Newcastle, Wollongong and the Gold 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 business and industry 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. 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, 2007–08 (\$ million)

Sector	Primary output (GVP)	Multiplier	Extended total
Agriculture	8,590	2.178	18,709
Commercial fishing	149	2.485	371
Forestry & logging	379	2.485	942
Mining	14,028	2.136	29,964
Total	23,146		49,986

Gross State Product (GSP) NSW	381,720
GV Primary Industries as % GSP	6.1
Extended GV Primary Industries, as % GSP	13.1

Employment

ABS has published separate multipliers (Type 2A) to estimate the overall contribution to employment in Australia by 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, 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, 2006 census
(detailed employment data only available in census years)

Sector	Employment	Multiplier	Extended total
Agriculture & services	73,420	1.828	134,212
Commercial fishing	1,815	2.424	4,399
Forestry & logging	2,522	2.424	6,113
Mining & services	20,318	3.977	80,805
Total	98,075		225,529

	All NSW	Regional NSW
Total employed	2,909,448	686,759
Primary industries employed	98,075	77,804
Primary industries employment as % all employment	3.4	11.3
Extended employment primary industries	225,529	168,525
Extended employment primary industries, as % total NSW	7.8	24.5

Note: Regional NSW is defined as the whole state less the metro areas of Sydney, Newcastle, and Wollongong. Location of employed persons is enumerated by the place of residence.

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