

Indigenous Workforce Analyst

Industries of Indigenous workers, Armidale Dumaresq

In the 2006 Census, 252 Indigenous workers in Armidale Dumaresq reported their industry, with the most common groups being education (24%), health / community (15%), and retail (11%).

Compared with adult residents, there were 5% more Indigenous workers whose industry was government / defence but 5% fewer whose industry was agriculture / fishing.

Local job opportunities for Indigenous workers of different industries are indicated by comparing the number of local workers (ie filled jobs) with the number of Indigenous workers, for each industry.

The highest ratio of local jobs to Indigenous workers was among those whose industry was agriculture / fishing. There were 141 local workers of that industry for each of the Indigenous workers.

There were also higher ratios for those whose industry was wholesale (103 local workers for each of the Indigenous workers), while for manufacturing there were 67 each.

High job ratios can indicate barriers to employment preventing Indigenous workers having their fair share of the jobs. Alternatively, they indicate opportunities for increased employment.

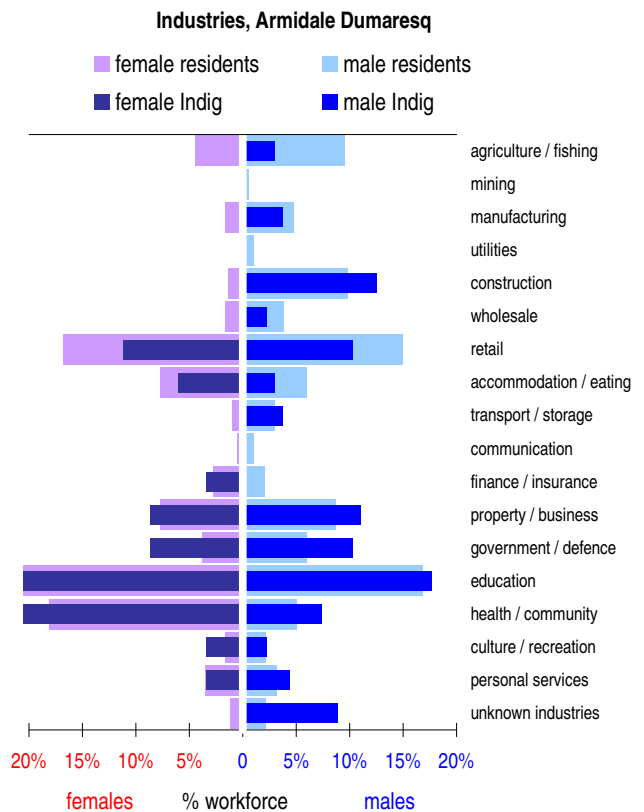
The lowest job ratio was for those whose industry was government / defence (22 jobs for each of the Indigenous workers).

Job opportunities can also be by the local labour balance (ie local workers minus working residents.) A positive labour balance means more jobs locally than residents; a negative balance means excess working residents over jobs, so some residents work outside the area.

Overall, Armidale Dumaresq had a net labour surplus of 533 jobs compared with resident workers, equivalent to 2.1 surplus jobs for each of the Indigenous workers.

The best net-job ratios were for those whose industry was wholesale (13.3 surplus jobs for each of the Indigenous workers) and finance / insurance (9.0 surplus jobs each).

In the Tamworth Regional labour market, the best net-job ratios (to Armidale Dumaresq Indigenous workers) were for those whose industry was health / community (0.6 excess local Indigenous workers per job) and education (0.7 Indigenous workers per excess worker).



Industries, Armidale Dumaresq	Indigenous workers			workforce / jobs		working residents		w'force balance		Tamworth Regional		
	number	gender ratio	% of total	number	ratio	number	ratio	job surplus	ratio	Indig	job surplus	ratio to Armidale Dumaresq Indig
agriculture / fishing	4	M	2%	562	141 : 1	695	174 : 1	(133)	33.3 wkrs	40	(98)	24.5 wkrs
mining	-	=	0%	23		27		(4)		3	(39)	
manufacturing	5	M	2%	336	67 : 1	318	64 : 1	18	3.6 jobs	114	(86)	17.2 wkrs
utilities	-	=	0%	54		53		1		6	9	
construction	17	M	7%	448	26 : 1	556	33 : 1	(108)	6.4 wkrs	54	(462)	27.2 wkrs
wholesale	3	M	1%	309	103 : 1	269	90 : 1	40	13.3 jobs	40	(52)	17.3 wkrs
retail	27	1.1 M:F	11%	1,707	63 : 1	1,560	58 : 1	147	5.4 jobs	114	(66)	2.4 wkrs
accommodation / eating	11	1.8 F:M	4%	662	60 : 1	666	61 : 1	(4)	0.4 wkrs	36	(44)	4.0 wkrs
transport / storage	5	M	2%	181	36 : 1	193	39 : 1	(12)	2.4 wkrs	30	(140)	28.0 wkrs
communication	-	=	0%	95		76		19		6	(31)	
finance / insurance	4	F	2%	268	67 : 1	232	58 : 1	36	9.0 jobs	9	(5)	1.3 wkrs
property / business	25	1.5 M:F	10%	827	33 : 1	800	32 : 1	27	1.1 jobs	51	(109)	4.4 wkrs
government / defence	24	1.4 M:F	10%	528	22 : 1	481	20 : 1	47	2.0 jobs	52	(39)	1.6 wkrs
education	60	1.5 F:M	24%	2,345	39 : 1	2,104	35 : 1	241	4.0 jobs	77	(44)	0.7 wkrs
health / community	38	2.8 F:M	15%	1,309	34 : 1	1,127	30 : 1	182	4.8 jobs	131	(24)	0.6 wkrs
culture / recreation	7	1.3 F:M	3%	182	26 : 1	183	26 : 1	(1)	0.1 wkrs	11	(34)	4.9 wkrs
personal services	10	1.5 M:F	4%	360	36 : 1	324	32 : 1	36	3.6 jobs	35	(43)	4.3 wkrs
unknown industries	12	M	5%	81	7 : 1	80	7 : 1	1	0.1 jobs	41	(5)	0.4 wkrs
Total	252	1.2 M:F	100%	10,277	41 : 1	9,744	39 : 1	533	2.1 jobs	850	(1,312)	5.2 wkrs

Gender ratio: Male majority shown in blue as M:F = [no. males] ÷ [no. females]; Female majority shown in red as F:M = [no. females] ÷ [no. males]. Extreme results

Distribution across industries for different groups

The table below compares the proportion of people in each industry in Armidale Dumaresq (A) across five population groups. Proportions which are significantly different from the average across the five groups are shaded green if higher and orange if lower.

If Indigenous people are distributed across the industries similarly to other groups, all cells in a row should be similarly shaded. Where Indigenous people are shaded differently, their patterns in Armidale Dumaresq (A) differ from those in Tamworth Regional (A).

Industries, %, Armidale Dumaresq	Indigenous		non-Indigenous		residents		workforce		working residents		Indig - residents	
	males	females	males	females	males	females	males	females	males	females	males	females
agriculture / fishing	3%	0%	10%	5%	10%	4%	8%	4%	10%	5%	(7%)	(4%)
mining	0%	0%	1%	0%	1%	0%	0%	0%	1%	0%	(1%)	=
manufacturing	4%	0%	5%	2%	5%	2%	5%	2%	5%	2%	(1%)	(2%)
utilities	0%	0%	1%	0%	1%	0%	1%	0%	1%	0%	(1%)	(0%)
construction	13%	0%	10%	1%	10%	1%	8%	1%	10%	1%	+3%	(1%)
wholesale	2%	0%	4%	2%	4%	2%	4%	2%	4%	2%	(2%)	(2%)
retail	10%	11%	15%	17%	15%	17%	16%	17%	15%	17%	(5%)	(6%)
accommodation / eating	3%	6%	6%	8%	6%	8%	6%	7%	6%	8%	(3%)	(2%)
transport / storage	4%	0%	3%	1%	3%	1%	3%	1%	3%	1%	+1%	(1%)
communication	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	(1%)	(1%)
finance / insurance	0%	3%	2%	3%	2%	3%	2%	3%	2%	3%	(2%)	+1%
property / business	11%	9%	9%	8%	9%	8%	9%	7%	9%	8%	+2%	+1%
government / defence	10%	9%	6%	4%	6%	4%	6%	4%	6%	4%	+4%	+5%
education	18%	31%	17%	26%	17%	26%	19%	27%	17%	26%	+1%	+5%
health / community	7%	24%	5%	18%	5%	18%	6%	19%	5%	18%	+2%	+6%
culture / recreation	2%	3%	2%	2%	2%	2%	2%	2%	2%	2%	+0%	+2%
personal services	4%	3%	3%	4%	3%	4%	3%	4%	3%	4%	+1%	(0%)
unknown industries	9%	0%	2%	1%	2%	1%	1%	0%	1%	1%	+7%	(1%)
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	=	=

The table below compares the proportion of people in each industry in Tamworth Regional (A) across five population groups.

Industries, %, Tamworth Regional	Indigenous		non-Indigenous		residents		workforce		working residents		Indig - residents	
	males	females	males	females	males	females	males	females	males	females	males	females
agriculture / fishing	8%	1%	11%	5%	11%	5%	11%	5%	11%	5%	(3%)	(4%)
mining	1%	0%	1%	0%	1%	0%	0%	0%	1%	0%	+0%	(0%)
manufacturing	21%	5%	15%	5%	15%	5%	16%	5%	15%	5%	+6%	(1%)
utilities	1%	1%	1%	0%	1%	0%	2%	0%	1%	0%	(1%)	+1%
construction	11%	2%	11%	2%	11%	2%	8%	2%	11%	2%	(0%)	(0%)
wholesale	5%	4%	6%	2%	6%	2%	6%	2%	6%	2%	(1%)	+2%
retail	8%	19%	14%	19%	14%	19%	15%	19%	14%	19%	(5%)	+0%
accommodation / eating	3%	6%	3%	7%	3%	7%	4%	7%	3%	7%	(1%)	(1%)
transport / storage	5%	1%	7%	2%	7%	2%	7%	2%	7%	2%	(2%)	(1%)
communication	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	(1%)	+0%
finance / insurance	1%	1%	2%	4%	2%	4%	2%	4%	2%	4%	(1%)	(2%)
property / business	6%	6%	6%	8%	6%	8%	6%	7%	6%	8%	+0%	(2%)
government / defence	6%	6%	6%	4%	6%	4%	6%	4%	6%	4%	+0%	+2%
education	4%	15%	5%	12%	5%	12%	5%	12%	5%	12%	(0%)	+2%
health / community	7%	26%	5%	21%	5%	21%	6%	22%	5%	21%	+2%	+4%
culture / recreation	2%	1%	2%	2%	2%	2%	2%	2%	2%	2%	+0%	(1%)
personal services	4%	4%	3%	4%	3%	4%	3%	4%	3%	4%	+1%	(0%)
unknown industries	6%	3%	2%	2%	2%	2%	1%	1%	1%	1%	+4%	+1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	=	=

The table below shows the number of people in each industries category in Armidale Dumaresq (A), across five population groups. The two right-hand columns calculate the local job surplus for men and women, by subtracting the working residents from the workforce. A positive job surplus means more jobs than working residents; a negative job surplus (ie a deficit) means there are more working residents than local jobs, so some must be working outside the locality.

Industries, Armidale Dumaresq	Indigenous		non-Indigenous		residents		workforce = jobs		working residents		job surplus (deficit)	
	males	females	males	females	males	females	males	females	males	females	males	females
agriculture / fishing	4	-	471	214	475	214	372	190	478	217	(106)	(27)
mining	-	-	27	-	27	-	20	3	27	-	(7)	3
manufacturing	5	-	233	79	238	79	246	90	236	82	10	8
utilities	-	-	48	4	48	4	51	3	48	5	3	(2)
construction	17	-	471	64	488	64	382	66	491	65	(109)	1
wholesale	3	-	187	79	190	79	219	90	191	78	28	12
retail	14	13	734	789	748	802	804	903	752	808	52	95
accommodation / eating	4	7	292	361	296	368	287	375	297	369	(10)	6
transport / storage	5	-	142	46	147	46	139	42	147	46	(8)	(4)
communication	-	-	49	24	49	24	65	30	51	25	14	5
finance / insurance	-	4	100	128	100	132	103	165	98	134	5	31
property / business	15	10	417	359	432	369	433	394	431	369	2	25
government / defence	14	10	282	172	296	182	315	213	298	183	17	30
education	24	36	815	1,220	839	1,256	916	1,429	844	1,260	72	169
health / community	10	28	243	840	253	868	280	1,029	257	870	23	159
culture / recreation	3	4	101	73	104	77	98	84	105	78	(7)	6
personal services	6	4	150	165	156	169	159	201	154	170	5	31
unknown industries	12	-	94	58	106	58	57	24	55	25	2	(1)
Total	136	116	4,856	4,675	4,992	4,791	4,946	5,331	4,960	4,784	(14)	547

The table below shows the number of people in each industry in Tamworth Regional (A) across population groups, and the job surplus or deficit comparedw the number of working residents.

Industries, Tamworth Regional	Indigenous		non-Indigenous		residents		workforce / jobs		working residents		job surplus (deficit)	
	males	females	males	females	males	females	males	females	males	females	males	females
agriculture / fishing	36	4	1,273	558	1,309	562	1,224	571	1,324	569	(100)	2
mining	3	-	64	6	67	6	29	3	66	5	(37)	(2)
manufacturing	96	18	1,742	535	1,838	553	1,785	541	1,855	557	(70)	(16)
utilities	3	3	166	22	169	25	176	27	169	25	7	2
construction	48	6	1,280	196	1,328	202	894	191	1,340	207	(446)	(16)
wholesale	25	15	732	222	757	237	712	230	758	236	(46)	(6)
retail	38	76	1,668	1,975	1,706	2,051	1,680	2,038	1,719	2,065	(39)	(27)
accommodation / eating	12	24	406	724	418	748	409	724	419	758	(10)	(34)
transport / storage	25	5	881	208	906	213	786	199	909	216	(123)	(17)
communication	3	3	169	72	172	75	144	74	173	76	(29)	(2)
finance / insurance	4	5	224	376	228	381	232	376	232	381	=	(5)
property / business	28	23	681	804	709	827	647	784	712	828	(65)	(44)
government / defence	28	24	705	426	733	450	705	446	737	453	(32)	(7)
education	19	58	542	1,271	561	1,329	545	1,308	565	1,332	(20)	(24)
health / community	30	101	592	2,184	622	2,285	626	2,273	631	2,292	(5)	(19)
culture / recreation	8	3	196	179	204	182	172	183	205	184	(33)	(1)
personal services	20	15	363	437	383	452	343	454	385	455	(42)	(1)
unknown industries	29	12	254	212	283	224	109	85	121	78	(12)	7
Total	455	395	11,938	10,407	12,393	10,802	11,218	10,507	12,320	10,717	(1,102)	(210)