



Australian Bureau of Statistics

81550DO005_201920 Australian Industry, 2019-20

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Table 1 Mining, Key data by industry subdivision

	Employment at end June	Wages and salaries	Sales and service income	Total income	Total expenses	Operating profit before tax	Earnings before interest tax depreciation and amortisation	Industry value added
	no.	\$m	\$m	\$m	\$m	\$m	\$m	\$m
06 Coal mining								
2011-12	45,016	6,141	58,816	64,296	50,975	14,430	14,481	25,952
2012-13	43,800	6,279	49,333	51,478	49,305	2,014	6,376	17,426
2013-14	44,588	6,139	49,012	50,415	49,258	989	8,022	18,840
2014-15	40,548	5,891	45,930	44,127	47,898	-4,088	5,668	15,597
2015-16	36,961	5,744	43,988	38,318	46,401	-8,354	5,815	15,606
2016-17	35,047	5,486	57,636	59,593	48,384	12,742	18,580	29,739
2017-18	35,666	5,273	69,759	75,102	51,371	24,234	26,358	38,341
2018-19	36,773	5,503	78,373	87,043	56,135	30,966	30,063	43,095
2019-20	38,918	5,826	69,691	73,279	57,700	16,157	21,653	33,813
07 Oil and gas extraction								
2011-12	17,435	3,391	34,870	42,324	23,580	18,929	20,625	27,783
2012-13	18,935	3,717	39,684	55,629	28,826	26,491	21,374	29,091
2013-14	22,831	4,494	38,928	45,596	28,837	16,816	20,069	28,954
2014-15	22,760	4,740	41,369	33,859	31,319	2,708	23,594	32,204
2015-16	19,147	4,829	34,636	30,422	32,464	-2,097	16,946	24,868
2016-17	17,113	3,811	36,191	27,153	36,996	-9,625	17,460	23,871
2017-18	17,123	3,718	47,361	44,675	43,144	1,492	26,258	32,764
2018-19	17,416	3,882	67,923	69,826	51,361	18,686	43,208	50,648
2019-20	17,056	3,938	71,119	72,036	55,559	17,024	45,303	52,398
08 Metal ore mining								
2011-12	67,489	8,095	101,149	106,426	58,265	49,895	53,995	69,730
2012-13	67,089	9,702	94,490	93,135	67,313	27,297	39,386	57,700
2013-14	67,097	10,583	110,326	109,881	75,927	34,190	47,845	69,962
2014-15	67,318	10,078	104,098	98,989	77,489	20,077	42,194	60,748
2015-16	65,084	9,721	91,722	92,173	74,166	17,652	35,176	53,068
2016-17	62,645	9,324	103,155	105,384	75,135	30,779	45,600	63,480
2017-18	66,514	9,607	114,034	115,618	81,689	34,668	50,567	69,319
2018-19	72,473	10,310	131,729	135,907	89,770	46,608	60,950	82,010
2019-20	79,735	11,865	161,239	166,054	97,246	70,531	85,831	110,356
09 Non-metallic mineral mining and quarrying								
2011-12	13,320	1,018	6,044	5,522	6,033	-395	652	2,050
2012-13	12,754	985	5,799	5,447	5,784	-292	530	1,978
2013-14	12,178	989	6,241	6,430	5,862	625	935	2,403
2014-15	12,176	1,000	6,094	6,176	5,634	524	992	2,386
2015-16	12,278	989	6,291	6,454	5,686	758	1,192	2,605
2016-17	11,624	979	6,541	6,455	5,902	625	1,381	2,725
2017-18	12,773	1,019	6,655	6,656	5,871	788	1,454	2,851
2018-19	12,903	1,130	7,763	8,059	6,752	1,346	1,758	3,336
2019-20	12,199	1,071	7,739	8,419	6,905	1,568	1,625	3,068
10 Exploration and other mining support services								
2011-12	50,944	4,998	16,499	17,487	18,445	-724	196	7,176
2012-13	49,165	5,149	15,897	16,352	17,721	-1,136	298	7,470
2013-14	43,575	4,864	17,071	18,447	18,947	-411	908	7,534
2014-15	34,868	4,717	15,865	14,364	17,250	-2,927	664	6,894
2015-16	30,183	3,918	13,663	13,544	14,330	-1,060	1,038	5,956
2016-17	30,297	3,436	11,916	11,885	13,051	-1,263	459	4,909
2017-18	36,348	3,909	13,271	11,838	14,570	-2,701	160	5,098
2018-19	39,173	4,221	13,814	15,344	15,663	-195	151	5,543
2019-20	39,966	4,427	16,010	17,403	17,364	310	1,110	6,605
Total Mining								
2011-12	194,205	23,643	217,377	236,054	157,299	82,135	89,949	132,692
2012-13	191,743	25,832	205,203	222,040	168,949	54,374	67,964	113,665
2013-14	190,268	27,069	221,578	230,770	178,831	52,208	77,779	127,692
2014-15	177,670	26,425	213,356	197,516	179,590	16,295	73,112	117,829
2015-16	163,652	25,201	190,300	180,912	173,047	6,898	60,167	102,103
2016-17	156,726	23,036	215,439	210,469	179,468	33,258	83,480	124,725
2017-18	168,423	23,525	251,080	253,888	196,645	58,482	104,797	148,373
2018-19	178,738	25,047	299,602	316,179	219,681	97,410	136,130	184,630
2019-20	187,874	27,126	325,797	337,191	234,773	105,590	155,523	206,240



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Table 2 Mining, Labour costs by selected ANZSIC industry class

	Wages and salaries	Employer contributions into superannuation	Workers' compensation premium/costs	Selected labour costs	Fringe Benefits Tax	Payroll tax	Total labour costs
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
06 Coal mining							
2011-12	6,141	423	100	6,664	39	270	6,973
2012-13	6,279	474	121	6,875	43	290	7,208
2013-14	6,139	489	116	6,744	41	307	7,092
2014-15	5,891	457	141	6,489	29	282	6,800
2015-16	5,744	442	117	6,303	25	259	6,588
2016-17	5,486	419	113	6,018	21	256	6,295
2017-18	5,273	435	126	5,833	24	228	6,086
2018-19	5,503	468	126	6,097	22	227	6,346
2019-20	5,826	506	147	6,479	23	283	6,784
07 Oil and gas extraction							
2011-12	3,391	230	12	3,632	56	143	3,831
2012-13	3,717	267	14	3,998	85	151	4,234
2013-14	4,494	315	22	4,832	97	183	5,111
2014-15	4,740	338	18	5,097	123	215	5,434
2015-16	4,829	325	16	5,170	91	171	5,433
2016-17	3,811	307	10	4,128	89	145	4,362
2017-18	3,718	308	11	4,037	95	196	4,328
2018-19	3,882	333	22	4,237	86	200	4,522
2019-20	3,938	357	11	4,306	59	202	4,567
08 Metal ore mining							
0801 Iron ore mining							
2011-12	3,502	254	22	3,778			3,972
2012-13	4,713	334	24	5,071	55	220	5,347
2013-14	5,740	418	26	6,184			6,517
2014-15	5,221	470	32	5,722	55	301	6,078
2015-16	4,761	419	36	5,216			5,558
2016-17	4,631	424	24	5,079			5,388
2017-18	4,498	432	39	4,970			5,267
2018-19	4,678	456	42	5,175			5,500
2019-20	5,607	522	31	6,159	59	385	6,603
0803 Copper ore mining							
2011-12	851	80	12	944	7	40	991
2012-13	935	92	15	1,042	5	49	1,095
2013-14	852	89	19	960	3	46	1,010
2014-15	776	80	17	873	4	45	921
2015-16	801	80	24	905	4	43	952
2016-17	822	81	21	924	3	41	968
2017-18	902	90	19	1,010	3	56	1,069
2018-19	1,038	104	19	1,161	3	50	1,214
2019-20	1,120	108	15	1,244	4	59	1,307
0804 Gold ore mining							
2011-12	1,909	157	17	2,083	17	84	2,183
2012-13	2,112	172	20	2,305	15	89	2,409
2013-14	2,119	183	24	2,326	14	102	2,443
2014-15	2,002	173	26	2,201	22	87	2,310
2015-16	2,157	199	46	2,402	17	100	2,519
2016-17	2,242	193	37	2,472	21	98	2,590
2017-18	2,490	214	40	2,743	15	114	2,872
2018-19	2,610	254	63	2,927	22	133	3,083
2019-20	2,986	281	70	3,337	25	192	3,555
0805 Mineral sand mining							
2011-12	314	26	5	346			366
2012-13	360	29	5	394			418
2013-14	383	32	7	421	8	18	447
2014-15	405	36	7	448	8	21	477
2015-16	396	38	5	439			463
2016-17	364	34	5	403			426
2017-18	418	38	4	461			484
2018-19	435	36	4	475	1	22	498
2019-20	360	30	4	394	1	19	414
0807 Silver-lead-zinc ore mining							
2011-12	660	51	12	723	3	27	753
2012-13	764	61	19	844	2	34	881
2013-14	765	71	17	853	2	38	892
2014-15	686	64	15	765	3	35	803
2015-16	698	65	7	769	3	37	809
2016-17	461	47	12	520	3	29	552
2017-18	524	46	11	581	2	25	607
2018-19	642	55	12	709	2	36	747
2019-20	749	62	13	825	2	42	869
0802, 0806 and 0809 Bauxite, nickel ore and other metal ore mining							
2011-12	859	71	6	936	16	40	993
2012-13	817	70	10	898			946
2013-14	724	68	7	798			843
2014-15	988	88	10	1,086	20	59	1,166
2015-16	908	83	11	1,002			1,073
2016-17	804	73	9	886			943
2017-18	775	73	8	856	10	40	906
2018-19	907	83	11	1,001			1,052
2019-20	1,043	99	10	1,152	5	41	1,198
08 Total metal ore mining							
2011-12	8,095	640	75	8,810	86	361	9,258
2012-13	9,702	759	93	10,553	90	453	11,096
2013-14	10,583	860	101	11,543	89	520	12,152
2014-15	10,078	911	107	11,096	112	548	11,756
2015-16	9,721	885	128	10,734	106	535	11,374
2016-17	9,324	852	108	10,284	96	487	10,867

2017-18	9,607	892	121	10,620	69	514	11,204
2018-19	10,310	987	151	11,448	80	565	12,094
2019-20	11,865	1,103	143	13,111	97	738	13,946
09 Non-metallic mineral mining and quarrying							
2011-12	1,018	74	20	1,112	9	38	1,159
2012-13	985	79	18	1,082	10	43	1,135
2013-14	989	75	19	1,083	10	50	1,143
2014-15	1,000	82	18	1,100	9	47	1,156
2015-16	989	83	19	1,090	13	46	1,149
2016-17	979	83	21	1,083	10	43	1,136
2017-18	1,019	83	22	1,125	9	44	1,177
2018-19	1,130	94	27	1,251	8	57	1,316
2019-20	1,071	90	28	1,189	10	43	1,242
10 Exploration and other mining support services							
2011-12	4,998	476	89	5,563	35	252	5,850
2012-13	5,149	427	97	5,673	31	241	5,945
2013-14	4,864	418	77	5,359	44	217	5,621
2014-15	4,717	412	70	5,198	44	230	5,473
2015-16	3,918	339	62	4,318	45	175	4,537
2016-17	3,436	298	62	3,797	31	173	4,001
2017-18	3,909	343	61	4,313	22	182	4,518
2018-19	4,221	365	69	4,656	23	217	4,896
2019-20	4,427	391	73	4,891	20	211	5,122
Total Mining							
2011-12	23,643	1,843	296	25,782	225	1,063	27,069
2012-13	25,832	2,006	343	28,181	260	1,178	29,619
2013-14	27,069	2,157	336	29,562	282	1,276	31,120
2014-15	26,425	2,200	354	28,980	318	1,322	30,619
2015-16	25,201	2,073	341	27,615	279	1,186	29,081
2016-17	23,036	1,959	314	25,309	247	1,105	26,661
2017-18	23,525	2,062	342	25,928	219	1,164	27,312
2018-19	25,047	2,248	395	27,689	219	1,265	29,174
2019-20	27,126	2,447	402	29,975	209	1,477	31,661



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Table 3 Mining, Industry value added by selected industry class

	Plus				Less			Industry value added \$m	
	Funding from government for operational costs				Capital work done for own use \$m	Changes in inventories \$m	Purchases of goods and materials \$m		Other intermediate input expenses \$m
	Sales and service income \$m	Amount reimbursed under fuel tax credits \$m	Other operational costs (excl. COVID-19 support payments) \$m	Total \$m					
06 Coal mining									
2011-12	58,816	665				1,109	10,819	24,217	25,952
2012-13	49,333	609				-159	10,938	22,106	17,426
2013-14	49,012	692	83	775	466	-168	10,057	21,187	18,840
2014-15	45,930	724	45	769	249	-317	10,229	20,805	15,597
2015-16	43,988			879	273	-271	10,812	18,452	15,606
2016-17	57,636			897	187	1,533	11,609	18,905	29,739
2017-18	69,759			975	192	504	13,076	20,013	38,341
2018-19	78,373			1,013	86	58	14,873	21,563	43,095
2019-20	69,691	907	17	924	261	577	14,979	22,661	33,813
07 Oil and gas extraction									
2011-12	34,870	69	41	111	2,415	185	2,943	6,855	27,783
2012-13	39,684	47	28	75	3,508	-312	5,450	8,414	29,091
2013-14	38,928			57	4,734	57	5,759	9,064	28,954
2014-15	41,369			68	5,225	168	6,022	8,605	32,204
2015-16	34,636			52		-55	6,403		24,868
2016-17	36,191			71	2,989	218	5,759	9,839	23,871
2017-18	47,361			33	2,757	-38	6,887	10,462	32,764
2018-19	67,923			39	2,419	221	8,503	11,452	50,648
2019-20	71,119	42	0	42	2,028	547	9,102	12,235	52,398
08 Metal ore mining									
0801 Iron ore mining									
2011-12	67,793			395			4,816	11,986	53,275
2012-13	63,534			354			9,717	13,990	43,989
2013-14	80,490			444		372	8,368		57,398
2014-15	70,383			544		-1,317	7,277		45,234
2015-16	55,208			584		-84	6,155		35,321
2016-17	67,670			624		412	7,016		45,742
2017-18	73,819	650	0	651		200	6,971		48,428
2018-19	85,904			657		433	7,409		59,381
2019-20	111,475	754	0	755		961	7,935		84,077
0803 Copper ore mining									
2011-12				34	64	120		2,734	3,765
2012-13	6,276			49	75	-71	1,236	2,485	2,609
2013-14	5,433			49	49	-132	1,110	2,246	2,043
2014-15		54	0	54	109	80	1,017		2,208
2015-16	5,645	47	0	47		-20	956		3,048
2016-17	5,475			49		252	991		3,204
2017-18	6,567					477	1,126		4,460
2018-19	6,827					61	1,729		3,775
2019-20	7,040		20	92		243	1,037		4,276
0804 Gold ore mining									
2011-12	13,381	192				263	2,960	4,794	6,634
2012-13	12,687		0	169	430	416	3,440	4,306	5,957
2013-14	13,012	131	7	138	404	-249	3,475	4,058	5,772
2014-15	13,306	183	13	196	252	136	3,312	3,451	7,127
2015-16	15,265			214	61	75	3,373	3,566	8,675
2016-17	16,147	204	2	208	166	161	3,993	3,903	8,784
2017-18	16,426	238	0	239	292	288	4,557	3,525	9,163
2018-19	18,856			267	264	65	4,387	4,286	10,779
2019-20	22,709	258	-1	258	358	297	4,494	5,401	13,726
0805 Mineral sand mining									
2011-12				8			360	765	1,805
2012-13	2,240	7	1	8			337	1,060	1,324
2013-14	2,081	6				8	276		889
2014-15		7				64	465		1,056
2015-16	2,613			10		-77	331		1,241
2016-17	2,343			11		-167	315		908
2017-18	2,973					-302	650		1,202
2018-19	3,252				45	-47	529	1,106	1,625
2019-20	3,039		0	16	50	73	423	1,138	1,617
0807 Silver-lead-zinc ore mining									
2011-12	4,657	59				-19		1,303	2,432
2012-13	4,647						1,354	1,392	2,260
2013-14	4,240					159	1,286	1,354	1,984
2014-15						-72	1,504		2,140
2015-16	4,937			48		-76	1,223		2,570
2016-17	3,955			28		-7	1,090		2,181
2017-18	4,217			24		7	1,123		2,622
2018-19	4,408			27	143	-1	1,152	1,210	2,216
2019-20	4,998	35	2	37	247	33	1,335	1,722	2,259
0802, 0806 and 0809 Bauxite, nickel ore and other metal ore mining									
2011-12	5,369			82	89	326	1,857	2,189	1,819
2012-13	5,106		0			-44	1,871	1,991	1,562
2013-14	5,071					78	1,730	1,758	1,876
2014-15	8,258			63	35	-315	2,874	2,185	2,983
2015-16	8,053			75	27	-173	3,686	2,082	2,214
2016-17	7,565			62		-121	3,470		2,662
2017-18	10,031			79		69	4,390		3,444
2018-19	12,481			89		-41	5,132		4,232
2019-20	11,978	102	10	113	28	117	5,695	2,140	4,401
08 Total Metal ore mining									
2011-12	101,149	767	3	771	2,054	1,734	12,207	23,771	69,730
2012-13	94,490	689	3	692	4,222	1,476	17,955	25,225	57,700
2013-14	110,326	727	13	740	2,385	236	16,245	27,481	69,962
2014-15	104,098	899	14	913	1,910	-1,424	16,449	28,307	60,749
2015-16	91,722	973	5	977	774	-365	15,724	24,325	53,068
2016-17	103,155	976	3	979	1,143	530	16,675	25,453	63,480
2017-18	114,034			1,061	1,281	739	18,818	28,978	69,319
2018-19	131,729			1,104	1,353	471	20,339	32,308	82,010
2019-20	161,239	1,237	33	1,270	1,191	1,723	20,918	34,150	110,356
09 Non-metallic mineral mining and quarrying									
2011-12	6,044	53	4	56	5	116	1,251	2,920	2,050
2012-13	5,799	61	4	65	80	46	1,138	2,874	1,978
2013-14	6,241			57	63	57	1,304	2,711	2,403
2014-15	6,094			58	72	-18	1,427	2,393	2,386
2015-16	6,291			59	22	-11	1,395	2,361	2,605
2016-17	6,541	72	8	80	13	71	1,597	2,383	2,725
2017-18	6,655	92	13	105	14	4	1,464	2,463	2,851
2018-19	7,763			115	28	38	1,646	2,962	3,336
2019-20	7,739	94	-2	93		54	1,620		3,068
10 Exploration and other mining support services									
2011-12	16,499	94				235	3,685	6,677	7,176
2012-13	15,897	87				232	3,230	5,968	7,470
2013-14	17,071	138	42	180	208	88	3,213	6,801	7,534
2014-15	15,865	112	13	125	108	-41	2,915	6,248	6,894

2015-16	13,663	84	32	117		-275	2,788		5,956
2016-17	11,916			109	230	-97	3,046	4,203	4,909
2017-18	13,271			89	255	31	4,381	4,167	5,098
2018-19	13,814			102	790	123	4,758	4,528	5,543
2019-20	16,010	133	5	138		271	4,450		6,605
Total Mining									
2011-12	217,377	1,648	109	1,758	5,521	3,380	30,905	64,439	132,692
2012-13	205,203	1,494	117	1,611	8,865	1,283	38,711	64,586	113,665
2013-14	221,578	1,662	148	1,810	7,857	270	36,578	67,245	127,692
2014-15	213,356	1,854	79	1,933	7,569	-1,631	37,041	66,358	117,829
2015-16	190,300	2,033	51	2,084	6,522	-967	37,122	58,714	102,103
2016-17	215,439	1,996	139	2,136	4,562	2,257	38,886	60,783	124,725
2017-18	251,080	2,179	84	2,262	4,500	1,239	44,625	66,083	148,373
2018-19	299,602	2,329	44	2,374	4,675	912	50,120	72,813	184,630
2019-20	325,797	2,414	53	2,467	4,085	3,172	51,069	78,212	206,240



Table 4 Mining, Industry performance by selected industry class

	06 Coal mining			07 Oil and gas extraction			08 Iron ore mining			083 Copper ore mining			084 Gold ore mining			085 Mineral sand mining			087 Silver-bearing ore mining			082, 086 and 089 Bauxite, nickel ore and other metal ore mining			08 Total Metal ore mining			09 Non-metallic mineral mining and quarrying			10 Exploration and other mining support services			Total Mining					
	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2019-20							
Employment at end June	35,666	36,713	36,918	17,123	17,416	17,656	29,681	31,735	35,500	8,650	8,687	7,059	17,809	19,569	21,945	3,227	3,285	2,800	4,003	4,151	4,038	5,958	7,045	7,486	14,031	15,118	15,229	12,773	12,903	12,150	36,348	39,173	39,968	168,423	178,728	187,874			
Income																																							
Sales and service income	\$m	65,624	73,703	64,894	45,451	65,700	69,347	67,929	79,984	105,142	6,470	6,974	15,481	17,540	21,312	2,888	2,890	2,890	4,180	4,338	4,320	9,792	12,438	11,941	106,728	124,204	151,180	5,889	6,896	6,811	2,842	2,805	3,095	226,313	273,198	297,127			
Service income	\$m	4,080	4,596	4,725	1,644	1,599																																	
Rent, leasing and hiring income	\$m	37	74	64		279	174																																
Total sales and service income	\$m	69,759	78,373	69,691	47,361	67,623	71,119	73,819	85,904	111,475	6,567	6,827	7,040	16,428	18,856	22,709	2,973	3,252	3,039	4,217	4,408	4,508	10,031	12,481	11,978	114,034	131,729	161,239	6,655	7,763	7,739	13,271	13,814	16,010	251,080	299,602	325,797		
Funding from government for operational costs	\$m																																						
Amount reimbursed under fuel tax credits	\$m		907			42	690																																
Other operational costs (incl. COVID-19 support payments)	\$m		32			13	0																																
Total funding from government for operational costs	\$m		939			55	690																																
Interest income	\$m	579	693	809	1,629	1,034	944	824	783	536	10	9	8	107	66	77	13	12																					
Other income	\$m	3,788	6,963	1,941	-4,348	829	-81	-360	1,887	2,409			15	-129	-138	79																							
Total income	\$m	75,102	87,663	72,279	44,676	69,268	72,036	75,133	89,200	116,179	6,533	7,171	7,156	16,946	19,651	23,108	2,800	3,368	3,197	4,190	4,542	5,253	10,277	12,714	12,144	116,618	139,607	166,954	6,656	8,059	8,410	17,403	253,888	316,179	327,191				
Expenses	\$m																																						
Purchases of goods and materials	\$m	1,376	14,873	14,970	8,887	8,501	9,102	6,971	7,400	7,555	1,130	1,759	1,037	4,567	4,387	4,494	650	529	423	1,123	1,152	1,335	4,390	5,132	5,695	18,819	20,330	20,914	1,404	1,646	1,620	4,381	4,758	4,450	44,625	50,120	51,009		
Rent, leasing and hiring expenses	\$m	1,120	1,046	941	293	286	283	414	436	545	43	31	35	189	237	173	52	64	40																				
Freight and cartage expenses	\$m	5,124	5,598	5,566	971	1,080	876	2,474	2,545	3,380	138	171	169	268	213	221	91	84	95																				
Motor vehicle running expenses	\$m				397	29	5	7	8	7	8	9	8	43	66	47	19	9	13																				
Ranger and maintenance expenses	\$m	2,360	2,532	2,764	575	773	971	288	402	634	90	102	106	312	352	307	95	118	90																				
Contracted mining expenses	\$m	4,316	4,403	4,380	1,341	1,109	1,101	4,110	3,694	4,828	691	699	740	1,680	1,690	2,094	240	240	168																				
Other contracted, subcontracted and commission expenses	\$m		1,172	1,332	868	632	490	2,286	2,675	2,956	232	197	223	91	455	519	337	337																					
Selected labour costs	\$m	5,833	6,997	6,479	4,237	4,308	4,970	5,175	6,159	10,010	1,161	1,244	2,743	2,207	3,337	481	475	394																					
Interest expenses	\$m	1,077	1,225	1,480	6,511	7,087	8,703	2,623	2,121	2,079	167	68	286	284	347																								
Depreciation and amortisation	\$m	5,414	5,528	6,656	15,538	18,399	20,279	8,051	8,315	8,912	1,155	1,218	1,052	2,831	2,802	3,349	388	422	331																				
Insurance premiums	\$m		235	385																																			
Natural resource royalties expenses	\$m	5,508	6,412	5,486	1,390	2,114	2,490																																
Bal and doubtful debts	\$m			2																																			
Other expenses	\$m	6,305	6,966	6,946	7,412	8,754	9,487	10,675	11,408	9,837			971	1,603	1,830	2,603	565	693																					
Capital work done for own use	\$m	192	86	261	2,797	2,419																																	
Lease	\$m	51,371	56,135	57,700	43,144	51,361	55,559	47,317	50,284	55,163	5,310	6,138	5,885	14,621	15,672	17,507	2,528	2,740	2,030																				
Change in inventories	\$m	504	58	577	-38	221	207	433	961	477	61	243	288	65	297	-302	-47	73																					
Earnings before interest tax depreciation and amortisation	\$m	26,368	30,063	21,653	26,228	43,208	45,203	37,426	47,167	69,019	3,082	2,190	2,811	5,460	6,583	9,038	589	1,004	1,053																				
Operating profit before tax	\$m	24,234	30,860	16,157	1,492	18,696	17,024	28,815	39,200	60,975	1,700	1,956	1,514	2,314	3,444	5,498	69	611	731	1,078	1,174	1,201	1,880	1,602	34,668	46,608	70,531	788	1,346	1,568	2,791	1,950	310	56,462	97,410	105,500			
Gross fixed capital formation	\$m	4,471	5,454	7,411	24,184	17,147	10,259	4,500	6,486	9,809	1,328	1,533	1,870	2,486	2,832	5,099	154	254	345																				
Capital expenditure	\$m	5,538	6,555	8,326	26,447	18,421	11,862	5,383	6,764	10,408	1,299	1,549	2,020	3,033	3,176	5,584	200	351	477																				
Industry ratio	%	34.7	39.5	23.2	3.2	27.5	23.9	38.0	45.6	54.7	25.9	16.0	21.5	14.1	18.3	24.2	2.0	18.8	24.0																				
Interest coverage	times	24.5	24.5	14.3	4.0	5.4	5.2	14.5	22.2	33.2	13.1	30.3	18.3	24.9	28.1	9.5	6.5																						
Investment rate (value added)	%	14.4	15.2	24.8	80.7	36.4	22.6	11.1	11.4	12.4	28.2	41.0	47.2	35.1	29.5	40.7	18.6	21.6	29.5																				
Wages and salaries per employee	\$'000																																						
Sales and service income per person employed	\$'000	1,955.9	2,131.3	1,790.7	2,785.9	3,900.1	4,169																																

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Table 5 Mining, Acquisition and disposal of assets by selected industry class

	Capital expenditure							
	Plant, machinery and equipment	Dwellings, buildings and other structures	Other (including land and intangible assets)	Total capital expenditure	Disposal of assets	Net capital expenditure	Gross fixed capital formation	
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	
06 Coal mining								
2011-12	6,264	5,242	794	12,300	803	11,497	10,886	
2012-13	8,134	4,015	760	12,909	379	12,531	12,113	
2013-14	4,976	3,588	835	9,399	470	8,930	8,251	
2014-15	3,688	2,291	674	6,653	457	6,196	5,819	
2015-16	1,587	3,807	503	5,898	121	5,777	5,391	
2016-17	1,450	3,121	558	5,129	321	4,808	4,376	
2017-18	2,263	3,022	251	5,536			4,471	
2018-19	2,492	3,690	373	6,555	1,094	5,461	5,454	
2019-20	3,293	4,606	427	8,326	925	7,401	7,411	
07 Oil and gas extraction								
2011-12	3,613	35,533	3,811	42,957	319	42,638	40,446	
2012-13	545	48,331	5,984	54,859			49,608	
2013-14	1,069	58,464	5,254	64,787	606	64,181	60,322	
2014-15	732	54,897	3,730	59,360	234	59,126	56,743	
2015-16	904	46,477	2,154	49,535	533	49,002	48,129	
2016-17	723	29,617	1,862	32,202	1,116	31,086	30,415	
2017-18		24,131		26,447	1,687	24,761	24,184	
2018-19	570	16,148	1,702	18,421	740	17,681	17,147	
2019-20	720	9,015	2,127	11,862	347	11,515	10,259	
08 Metal ore mining								
0801 Iron ore mining								
2011-12	3,645	14,014	702	18,361	333	18,028	17,604	
2012-13	11,649	9,353	1,274	22,276	148	22,128	21,423	
2013-14	8,912	6,136	1,402	16,450	90	16,360	15,175	
2014-15	6,013	7,336	613	13,962	184	13,778	13,470	
2015-16	3,876	3,618	555	8,049	65	7,984	7,720	
2016-17	2,396	2,229	387	5,013	166	4,847	4,706	
2017-18	3,141	1,656	586	5,383	131	5,252	4,920	
2018-19	2,998	3,318	448	6,764	80	6,684	6,466	
2019-20	4,118	5,549	741	10,408	109	10,299	9,809	
0803 Copper ore mining								
2011-12	664			1,226	23	1,203	1,170	
2012-13	341	330	95	766			725	
2013-14	516	81	47	644			616	
2014-15	244	205	36	484	3	481	470	
2015-16	331	260	30	621	27	594	585	
2016-17	276			650	14	636	623	
2017-18		844		1,259	5	1,254	1,238	
2018-19	422	1,054	73	1,549	5	1,543	1,533	
2019-20	1,317	546	156	2,020			1,870	
0804 Gold ore mining								
2011-12	910	2,537	937	4,384	592	3,792	3,458	
2012-13	1,444	1,576	908	3,928	178	3,750	3,464	
2013-14	658	1,132	775	2,565	296	2,269	2,065	
2014-15	771	974	642	2,387	58	2,329	1,845	
2015-16	720	821	681	2,222	124	2,098	1,607	
2016-17	897	1,216	513	2,626	236	2,390	2,272	
2017-18	1,106	1,217	709	3,033	85	2,947	2,640	
2018-19	1,032	1,415	729	3,176	38	3,138	2,832	
2019-20	1,905	2,739	940	5,584	99	5,485	5,099	
0805 Mineral sand mining								
2011-12	164	27	163	353			208	
2012-13	216	18	198	432			288	
2013-14			35	161	3	158	146	
2014-15								
2015-16	56			145			95	
2016-17		75		204			180	
2017-18				200			154	
2018-19			35	351			254	
2019-20	137			477	20	457	345	
0807 Silver-lead-zinc ore mining								
2011-12	146			1,059			985	
2012-13			49	1,289	14	1,275	1,243	
2013-14			45	1,752			1,718	
2014-15			80					
2015-16	286			1,022			941	
2016-17	235	647	66	948			886	
2017-18	394	474	135	1,003			960	
2018-19	245	343	396	983			681	
2019-20	211	316	114	641			494	
0802, 0806 and 0809 Bauxite, nickel ore and other metal ore mining								
2011-12	651	850	251	1,752	8	1,744	1,638	
2012-13			485	1,111	29	1,081	903	
2013-14	248	209	178	635			528	
2014-15	318			644	36	608	542	
2015-16	306	162	117	585	27	557	478	
2016-17			46	967	78	889	881	
2017-18	177			1,396	45	1,352	1,336	
2018-19			105	1,671	26	1,645	1,647	
2019-20	282			890			784	
08 Total Metal ore mining								
2011-12	6,179	18,714	2,243	27,135	995	26,140	25,063	
2012-13	15,058	11,737	3,007	29,802	445	29,356	28,046	
2013-14	11,421	8,303	2,481	22,206	598	21,608	20,248	
2014-15	8,016	9,494	1,528	19,038	310	18,728	17,809	
2015-16	5,575	5,460	1,608	12,644	307	12,337	11,425	
2016-17	4,095	5,223	1,090	10,408	509	9,900	9,548	
2017-18	5,299	5,407	1,567	12,273	297	11,975	11,248	
2018-19	5,085	7,623	1,786	14,494	239	14,255	13,413	
2019-20	7,970	9,811	2,238	20,019	445	19,575	18,400	
09 Non-metallic mineral mining and quarrying								

2011-12	461			1,128	59	1,069	993
2012-13	421			1,202			1,147
2013-14	480			916	79	838	812
2014-15	306	200	79	584	55	530	476
2015-16	334	129	67	530	93	437	404
2016-17	253	168	22	444	39	405	400
2017-18	373	301	18	692			608
2018-19	375	569	52	996	174	822	804
2019-20	407	1,079	56	1,542	131	1,411	1,377
10 Exploration and other mining support services							
2011-12	2,032			6,898	811	6,087	5,185
2012-13	1,849			4,459	284	4,175	2,785
2013-14	1,681			3,716	599	3,117	2,223
2014-15	1,490	166	857	2,514	452	2,062	1,751
2015-16	757	148	1,484	2,389	498	1,891	750
2016-17	770	98	476	1,344	414	930	795
2017-18		528		2,101	317	1,784	1,658
2018-19	1,206	1,118	930	3,254	318	2,936	2,432
2019-20	1,280	588	860	2,728	383	2,346	1,975
Total Mining							
2011-12	18,548	63,158	8,712	90,418	2,987	87,431	82,574
2012-13	26,006	64,902	12,325	103,232	3,720	99,513	93,699
2013-14	19,628	71,211	10,186	101,024	2,351	98,673	91,857
2014-15	14,232	67,048	6,869	88,149	1,508	86,640	82,598
2015-16	9,157	56,021	5,818	70,996	1,552	69,445	66,100
2016-17	7,291	38,227	4,008	49,527	2,399	47,128	45,534
2017-18	9,525	33,388	4,136	47,049	3,514	43,536	42,169
2018-19	9,728	29,148	4,843	43,720	2,565	41,155	39,251
2019-20	13,671	25,099	5,707	44,478	2,231	42,247	39,422



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Table 6 Mining, Key data by States and territories

	Employment at end of June	Wages and salaries	Sales and service income
	no.	\$m	\$m
Division B, excluding Sub-division 10			
New South Wales/Australian Capital Territory			
2011-12	27,027	3,367	27,041
2012-13	25,407	3,377	25,291
2013-14	25,947	3,273	24,048
2014-15	23,978	3,240	24,669
2015-16	22,064	3,082	23,483
2016-17	20,741	2,920	27,101
2017-18	21,143	2,850	31,901
2018-19	22,274	3,244	37,841
2019-20	22,813	3,342	34,041
Victoria			
2011-12	6,143	738	7,165
2012-13	6,042	827	8,699
2013-14	5,546	736	6,862
2014-15	5,275	732	6,116
2015-16	5,774	849	5,121
2016-17	5,406	817	5,433
2017-18	5,377	780	6,414
2018-19	5,458	806	6,835
2019-20	5,645	867	7,589
Queensland			
2011-12	39,659	5,039	45,084
2012-13	41,663	5,490	36,720
2013-14	41,356	5,555	37,513
2014-15	40,027	5,459	37,463
2015-16	34,605	5,086	41,175
2016-17	32,306	4,728	56,381
2017-18	33,886	4,709	68,107
2018-19	34,305	4,844	77,114
2019-20	36,033	5,242	73,328
South Australia			
2011-12	6,763	784	5,730
2012-13	6,226	830	5,733
2013-14	5,992	813	6,794
2014-15	6,735	795	6,590
2015-16	6,130	890	6,201
2016-17	6,576	801	5,837
2017-18	6,385	803	6,207
2018-19	7,569	931	7,278
2019-20	8,042	1,102	8,562
Western Australia			
2011-12	58,502	8,175	111,036
2012-13	58,272	9,534	107,907
2013-14	62,741	11,160	124,564
2014-15	61,787	10,779	116,386
2015-16	60,085	10,656	95,186
2016-17	56,811	9,673	103,103
2017-18	60,371	9,786	119,456

2018-19	64,468	10,214	148,779
2019-20	70,237	11,303	177,986
Tasmania			
2011-12	1,962	176	1,111
2012-13	1,989	209	1,067
2013-14	1,766	188	952
2014-15	1,577	168	836
2015-16	1,669	199	680
2016-17	1,433	151	779
2017-18	1,585	156	810
2018-19	1,757	178	1,008
2019-20	1,613	174	1,026
Northern Territory			
2011-12	3,204	366	3,710
2012-13	2,978	416	3,889
2013-14	3,345	479	3,775
2014-15	3,423	537	5,431
2015-16	3,142	523	4,791
2016-17	3,156	509	4,890
2017-18	3,328	532	4,914
2018-19	3,734	609	6,934
2019-20	3,525	669	7,255
Australia			
2011-12	143,261	18,645	200,878
2012-13	142,578	20,683	189,306
2013-14	146,694	22,205	204,507
2014-15	142,802	21,708	197,491
2015-16	133,469	21,284	176,637
2016-17	126,429	19,600	203,523
2017-18	132,075	19,616	237,809
2018-19	139,565	20,825	285,788
2019-20	147,908	22,699	309,787