

## Metals and minerals production

	Rio Tinto % share (b)	2005 Production (a)		2006 Production (a)		2007 Production (a)	
		Total	Rio Tinto share	Total	Rio Tinto share	Total	Rio Tinto share
<b>ALUMINA ('000 tonnes)</b>							
Eurallumina (Italy) (c)	–	1,070	601	914	513	–	–
Gardanne (France) (d)	100.0					21	21
Gove (Australia) (d)	100.0					405	405
Jonquiere (Canada) (d)	100.0					252	252
Queensland Alumina (Australia) (d) (e)	80.0	3,953	1,526	3,871	1,494	3,816	1,766
Sao Luis (Alumar) (Brazil) (d)	10.0					288	29
Yarwun (Australia) (d) (f)	100.0	835	835	1,240	1,240	1,260	1,260
Speciality Plants (Canada/France/Germany) (d)	100.0					144	144
<b>Rio Tinto total</b>			2,963		3,247		3,877
<b>ALUMINIUM (refined) ('000 tonnes)</b>							
Alma (Canada) (d)	100.0					80.1	80.1
Alouette (Sept-Iles) (Canada) (d)	40.0					108.9	43.5
Alucam (Edea) (Cameroon) (d)	46.7					18.8	8.8
Anglesey (UK)	51.0	143.9	73.4	143.8	73.3	144.7	73.3
Arvida (Canada) (d)	100.0					31.8	31.8
Beauharnois (Canada) (d)	100.0					9.8	9.8
Becancour (Canada) (d)	25.1					80.1	20.1
Bell Bay (Australia)	100.0	173.8	173.8	177.5	177.5	178.3	178.3
Boyne Island (Australia)	59.4	544.9	326.2	545.1	325.0	550.3	329.6
Dunkerque (France) (d)	100.0					49.5	49.5
Grande-Baie (Canada) (d)	100.0					39.7	39.7
ISAL (Reykjavik) (Iceland) (d)	100.0					35.0	35.0
Kitimat (Canada) (d)	100.0					46.8	46.8
Lannemezan (France) (d)	100.0					5.0	5.0
Laterriere (Canada) (d)	100.0					44.0	44.0
Lochaber (UK) (d)	100.0					8.3	8.3
Lynemouth (UK) (d)	100.0					33.3	33.3
Ningxia (Qingtongxia) (China) (d)	50.0					30.9	15.5
Sebree (USA) (d)	100.0					36.8	36.8
Shawinigan (Canada) (d)	100.0					18.3	18.3
SORAL (Husnes) (Norway) (d)	50.0					32.0	16.0
St-Jean-de Maurienne (France) (d)	100.0					25.2	25.2
Tiwai Point (New Zealand)	79.4	351.4	280.3	337.3	268.9	353.0	280.9
Tomago (Australia) (d)	51.6					97.4	50.2
<b>Rio Tinto total</b>			853.7		844.7		1479.7
<b>BAUXITE ('000 tonnes)</b>							
Awaso (Ghana) (d) (g)	80.0					216	173
Gove (Australia) (d)	100.0					985	985
Porto Trombetas (MRN) (Brazil) (d)	12.0					3,392	407
Sangaredi (Guinea) (d) (h)						2,774	1,248
Weipa (Australia)	100.0	15,604	15,604	16,319	16,319	18,209	18,209
<b>Rio Tinto total</b>			15,604		16,319		21,022
<b>BORATES ('000 tonnes) (i)</b>							
Rio Tinto Minerals – Boron (US)	100.0	540	540	538	538	541	541
Rio Tinto Minerals – Argentina (Argentina)	100.0	20	20	15	15	19	19
<b>Rio Tinto total</b>			560		553		560
<b>COAL – HARD COKING ('000 tonnes)</b>							
<b>Rio Tinto Coal Australia</b>							
Hail Creek Coal (Australia)	82.0	5,900	4,838	4,544	3,726	5,012	4,110
Kestrel Coal (Australia)	80.0	2,946	2,357	2,729	2,183	2,586	2,069
<b>Rio Tinto total hard coking coal</b>			7,195		5,909		6,179

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	Rio Tinto % share (b)	2005 Production (a)		2006 Production (a)		2007 Production (a)	
		Total	Rio Tinto share	Total	Rio Tinto share	Total	Rio Tinto share
<b>COAL – OTHER* ('000 tonnes)</b>							
<b>Rio Tinto Coal Australia</b>							
Bengalla (Australia)	30.3	5,965	1,806	5,544	1,679	<b>5,155</b>	<b>1,561</b>
Blair Athol (Australia)	71.2	10,600	7,551	10,190	7,259	<b>7,924</b>	<b>5,645</b>
Hunter Valley Operations (Australia)	75.7	12,374	9,369	12,024	9,104	<b>10,094</b>	<b>7,642</b>
Kestrel Coal (Australia)	80.0	774	619	863	691	<b>1,035</b>	<b>828</b>
Mount Thorley Operations (Australia)	60.6	3,962	2,400	3,895	2,359	<b>2,924</b>	<b>1,771</b>
Tarong Coal (Australia)	100.0	6,470	6,470	6,979	6,979	<b>4,510</b>	<b>4,510</b>
Warkworth (Australia)	42.1	6,293	2,647	7,342	3,089	<b>5,775</b>	<b>2,430</b>
Total Australian other coal			30,863		31,159		<b>24,388</b>
<b>Rio Tinto Energy America</b>							
Antelope (US)	100.0	27,174	27,174	30,749	30,749	<b>31,267</b>	<b>31,267</b>
Colowyo (US)	(j)	5,325	5,325	5,754	5,754	<b>5,077</b>	<b>5,077</b>
Cordero Rojo (US)	100.0	34,234	34,234	36,094	36,094	<b>36,712</b>	<b>36,712</b>
Decker (US)	50.0	6,288	3,144	6,449	3,225	<b>6,340</b>	<b>3,170</b>
Jacobs Ranch (US)	100.0	33,823	33,823	36,258	36,258	<b>34,565</b>	<b>34,565</b>
Spring Creek (US)	100.0	11,881	11,881	13,181	13,181	<b>14,291</b>	<b>14,291</b>
Total US coal			115,580		125,260		<b>125,083</b>
<b>Rio Tinto total other coal</b>			146,443		156,419		<b>149,471</b>
<b>COPPER (mined) ('000 tonnes)</b>							
Bingham Canyon (US)	100.0	220.6	220.6	265.6	265.6	<b>212.2</b>	<b>212.2</b>
Escondida (Chile)	30.0	1,270.2	381.1	1,313.4	394.0	<b>1,405.5</b>	<b>421.6</b>
Grasberg – Joint Venture (Indonesia) (k)	40.0	273.9	109.6	115.5	46.2	<b>569.4</b>	<b>28.4</b>
Northparkes (Australia)	80.0	54.0	43.2	83.3	66.6	<b>43.1</b>	<b>34.5</b>
Palabora (South Africa) (l)	57.7	61.2	30.0	61.5	31.1	<b>71.4</b>	<b>41.2</b>
<b>Rio Tinto total</b>			784.4		803.5		<b>737.9</b>
<b>COPPER (refined) ('000 tonnes)</b>							
Escondida (Chile)	30.0	143.9	43.2	134.4	40.3	<b>238.4</b>	<b>71.5</b>
Kennecott Utah Copper (US)	100.0	232.0	232.0	217.9	217.9	<b>265.6</b>	<b>265.6</b>
Palabora (South Africa) (l)	57.7	80.3	39.3	81.2	40.9	<b>91.7</b>	<b>52.9</b>
<b>Rio Tinto total</b>			314.5		299.2		<b>390.0</b>
<b>DIAMONDS ('000 carats)</b>							
Argyle (Australia)	100.0	30,476	30,476	29,078	29,078	<b>18,744</b>	<b>18,744</b>
Diavik (Canada)	60.0	8,272	4,963	9,829	5,897	<b>11,943</b>	<b>7,166</b>
Murowa (Zimbabwe)	77.8	251	195	240	187	<b>145</b>	<b>113</b>
<b>Rio Tinto total</b>			35,635		35,162		<b>26,023</b>
<b>GOLD (mined) ('000 ounces)</b>							
Barneys Canyon (US)	100.0	16	16	15	15	<b>11</b>	<b>11</b>
Bingham Canyon (US)	100.0	401	401	523	523	<b>397</b>	<b>397</b>
Cortez/Pipeline (US) (t)	40.0	904	361	444	178	<b>538</b>	<b>215</b>
Escondida (Chile)	30.0	183	55	170	51	<b>187</b>	<b>56</b>
Grasberg – Joint Venture (Indonesia) (k)	40.0	1,676	670	238	95	<b>2,689</b>	<b>423</b>
Greens Creek (US) (t)	70.3	73	51	63	44	<b>68</b>	<b>48</b>
Kelian (Indonesia)	90.0	43	38	–	–	<b>–</b>	<b>–</b>
Lihir (Papua New Guinea) (m)	–	424	61	–	–	<b>–</b>	<b>–</b>
Northparkes (Australia)	80.0	57	46	95	76	<b>79</b>	<b>63</b>
Rawhide (US)	51.0	35	18	26	13	<b>19</b>	<b>10</b>
Others	–	15	7	18	9	<b>19</b>	<b>11</b>
<b>Rio Tinto total</b>			1,726		1,003		<b>1,233</b>
<b>GOLD (refined) ('000 ounces)</b>							
Kennecott Utah Copper (US)	100.0	369	369	462	462	<b>523</b>	<b>523</b>

\* Coal – other includes thermal coal, semi-soft coking coal and semi-hard coking coal.

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	Rio Tinto % share (b)	2005 Production (a)		2006 Production (a)		2007 Production (a)	
		Total	Rio Tinto share	Total	Rio Tinto share	Total	Rio Tinto share
<b>IRON ORE ('000 tonnes)</b>							
Channar (Australia)	60.0	8,644	5,186	9,798	5,879	<b>10,549</b>	<b>6,330</b>
Corumbá (Brazil)	100.0	1,410	1,410	1,982	1,982	<b>1,777</b>	<b>1,777</b>
Eastern Range (Australia)	(n)	6,559	6,559	8,215	8,215	<b>6,932</b>	<b>6,932</b>
Hammersley Iron (Australia)	100.0	74,387	74,387	79,208	79,208	<b>94,567</b>	<b>94,567</b>
Hope Downs (Australia) (o)	50.0	–	–	–	–	<b>64</b>	<b>32</b>
Iron Ore Company of Canada (Canada)	58.7	15,647	9,188	16,080	9,442	<b>13,229</b>	<b>7,768</b>
Robe River (Australia)	53.0	52,385	27,764	52,932	28,054	<b>51,512</b>	<b>27,301</b>
<b>Rio Tinto total</b>			124,494		132,780	<b>144,707</b>	
<b>LEAD ('000 tonnes)</b>							
Greens Creek (US) (t)	70.3	16.9	11.9	16.9	11.9	<b>17.0</b>	<b>11.9</b>
<b>MOLYBDENUM ('000 tonnes)</b>							
Bingham Canyon (US)	100.0	15.6	15.6	16.8	16.8	<b>14.9</b>	<b>14.9</b>
<b>PIG IRON ('000 tonnes)</b>							
Hlsmelt® (Australia)	60.0	9	5	89	53	<b>115</b>	<b>69</b>
<b>SALT ('000 tonnes)</b>							
Rio Tinto Minerals – salt (Australia) (p)	68.4	8,480	5,507	8,323	5,405	<b>7,827</b>	<b>5,242</b>
<b>SILVER (mined) ('000 ounces)</b>							
Bingham Canyon (US)	100.0	3,958	3,958	4,214	4,214	<b>3,487</b>	<b>3,487</b>
Escondida (Chile)	30.0	6,565	1,970	6,646	1,994	<b>7,870</b>	<b>2,361</b>
Grasberg – Joint Venture (Indonesia) (k)	40.0	3,410	1,364	1,675	670	<b>5,238</b>	<b>477</b>
Greens Creek (US) (t)	70.3	9,664	6,791	8,866	6,230	<b>8,646</b>	<b>6,075</b>
Others	–	1,422	843	1,345	861	<b>914</b>	<b>602</b>
<b>Rio Tinto total</b>			14,926		13,968	<b>13,002</b>	
<b>SILVER (refined) ('000 ounces)</b>							
Kennecott Utah Copper (US)	100.0	3,538	3,538	4,152	4,152	<b>4,365</b>	<b>4,365</b>
<b>TALC ('000 tonnes)</b>							
Rio Tinto Minerals – talc (Australia/Europe/North America) (q)	100.0	1,364	1,364	1,392	1,392	<b>1,281</b>	<b>1,281</b>
<b>TITANIUM DIOXIDE FEEDSTOCK ('000 tonnes)</b>							
Rio Tinto Iron & Titanium (Canada/South Africa) (r)	100.0	1,312	1,312	1,415	1,415	<b>1,458</b>	<b>1,458</b>
<b>URANIUM ('000 lbs U<sub>3</sub>O<sub>8</sub>) (s)</b>							
Energy Resources of Australia (Australia)	68.4	13,013	8,900	10,370	7,092	<b>11,713</b>	<b>8,011</b>
Rössing (Namibia)	68.6	8,182	5,611	7,975	5,469	<b>6,714</b>	<b>4,605</b>
<b>Rio Tinto total</b>			14,511		12,561	<b>12,616</b>	
<b>ZINC (mined) ('000 tonnes)</b>							
Greens Creek (US) (t)	70.3	52.9	37.2	47.5	33.4	<b>50.8</b>	<b>35.7</b>

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### Production data notes

- (a) Mine production figures for metals refer to the total quantity of metal produced in concentrates or doré bullion irrespective of whether these products are then refined onsite, except for the data for iron ore and bauxite (beneficiated plus calcined) which represent production of saleable quantities of ore.
- (b) Rio Tinto percentage share, shown above, is as at the end of 2007 and has applied over the period 2005–2007 except for those operations where the share has varied during the year and the weighted average for them is shown below. The Rio Tinto share varies at individual mines and refineries in the “others” category and thus no value is shown.

Rio Tinto Share %				
Operation	See note	2005	2006	2007
Queensland Alumina	(e)	38.6	38.6	<b>46.3</b>
Palabora	(l)	49.0	50.5	<b>57.7</b>
Rio Tinto Minerals – salt	(p)	64.9	64.9	<b>67.0</b>

- (c) Rio Tinto sold its 56.2 per cent share in Eurallumina with an effective date of 31 October 2006 and production data are shown up to that date.
- (d) Rio Tinto acquired the operating assets of Alcan with effect from 24 October 2007; production is shown as from that date. The Rio Tinto assets and the Alcan assets have been combined under the Rio Tinto Alcan name.
- (e) Rio Tinto held a 38.6 per cent share in QAL until 24 October 2007; this increased to 80.0 per cent following the Alcan acquisition
- (f) Yarwun was previously known as Comalco Alumina Refinery.
- (g) Rio Tinto has an 80 per cent interest in the Awaso mine but purchases the additional 20 per cent of production
- (h) Rio Tinto has a 22.9 per cent shareholding in the Sangaredi mine but receives 45 per cent of production under the partnership agreement.

- (i) Borate quantities are expressed as  $B_2O_3$ .
- (j) In view of Rio Tinto Energy America’s responsibilities under a management agreement for the operation of the Colowyo mine, all of Colowyo’s output is included in Rio Tinto’s share of production.
- (k) Through a joint venture agreement with Freeport-McMoRan Copper & Gold (FCX), Rio Tinto is entitled to 40 per cent of additional material mined as a consequence of expansions and developments of the Grasberg facilities since 1998.
- (l) Rio Tinto’s shareholding in Palabora varied during 2005 and 2006 due to the progressive conversion of debentures into ordinary shares.
- (m) On 30 November 2005, Rio Tinto sold its 14.5 per cent in Lihir Gold; it had agreed in September 2005 to relinquish the management agreement for Lihir. The production data are shown up to 30 September 2005, from which date the Rio Tinto interest in Lihir was held as an investment rather than being equity accounted.
- (n) Rio Tinto’s share of production includes 100 per cent of the production from the Eastern Range mine. Under the terms of the joint venture agreement (Rio Tinto 54 per cent), Hamersley Iron manages the operation and is obliged to purchase all mine production from the joint venture.
- (o) Hope Downs started production in the fourth quarter of 2007
- (p) Rio Tinto increased its shareholding in Rio Tinto Minerals – salt to 68.4 per cent at the beginning of July 2007.
- (q) Talc production includes some products derived from purchased ores.
- (r) Quantities comprise 100 per cent of QIT and 50 per cent of Richards Bay Minerals’ production.
- (s) With effect from the second quarter of 2007 Rio Tinto is reporting uranium production as ‘000 lbs  $U_3O_8$  rather than tonnes.
- (t) In February 2008 Rio Tinto entered into agreements to sell its interests in Greens Creek and Cortez.