

Rio Tinto production summary

Rio Tinto share of production

		Quarter					% change	
		Q1 2024	Q2 2024	Q3 2024	Q4 2024	2025 Q1	Q1 25 vs Q1 24	Q1 25 vs Q4 24
Principal commodities								
Alumina	('000 t)	1,864	1,676	1,770	1,992	1,921	+3%	-4%
Aluminium (Primary)	('000 t)	826	824	809	837	829	+0.3%	-1%
Bauxite	('000 t)	13,418	14,723	15,100	15,412	14,966	+12%	-3%
Borates	('000 t)	121	125	126	132	117	-4%	-11%
Copper (consolidated)	('000 t)	180	199	185	228	210	+16%	-8%
Iron Ore	('000 t)	68,701	69,712	73,160	76,102	62,408	-9%	-18%
Titanium dioxide slag	('000 t)	254	238	263	235	223	-12%	-5%
Other Metals & Minerals								
Diamonds	('000 cts)	740	702	542	775	942	+27%	+21%
Gold - mined	('000 oz)	66.6	67.1	69.4	79.0	78.7	+18%	-0.4%
Gold - refined	('000 oz)	35.3	39.7	25.7	43.1	34.0	-4%	-21%
Molybdenum	('000 t)	0.7	0.6	0.5	0.8	1.0	+46%	+25%
Salt	('000 t)	1,425	1,540	1,511	1,347	836	-41%	-38%
Silver - mined	('000 oz)	973	1,072	1,046	1,144	1,159	+19%	+1%
Silver - refined	('000 oz)	550	606	392	766	635	+15%	-17%

Throughout this report, figures in italics indicate adjustments made since the figure was previously quoted on the equivalent page or reported for the first time. Production figures are sometimes more precise than the rounded numbers shown, hence small differences may result between the total of the quarter figures and the year to date figures.

Rio Tinto share of production

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
ALUMINA						
Production ('000 tonnes)						
Jonquière (Vaudreuil)	100 %	352	328	323	350	355
Jonquière (Vaudreuil) specialty Alumina plant	100 %	27	30	28	26	25
Queensland Alumina	80 %	675	602	693	737	685
São Luis (Alumar)	10 %	87	93	93	97	90
Yarwun	100 %	722	624	634	782	765
Rio Tinto total alumina production		1,864	1,676	1,770	1,992	1,921

ALUMINIUM						
Primary production ('000 tonnes)						
Australia - Bell Bay	100 %	47	47	47	47	46
Australia - Boyne Island (a)	74 %	75	75	76	93	92
Australia - Tomago	52 %	73	75	77	77	72
Canada - six wholly owned	100 %	405	399	395	398	387
Canada - Alouette (Sept-Îles)	40 %	63	63	63	64	62
Canada - Bécancour	25 %	29	30	30	30	28
Iceland - ISAL (Reykjavik)	100 %	49	50	52	51	48
New Zealand - Tiwai Point (b)	100 %	66	65	49	59	74
Oman - Sohar	20 %	20	20	20	20	20
Rio Tinto total primary aluminium production		826	824	809	837	829
Recycled production ('000 tonnes)						
Matalco	50 %	74	70	62	58	66
Rio Tinto total recycled aluminium production		74	70	62	58	66

(a) On 1 November 2024, Rio Tinto's ownership interest in Boyne Smelters Limited (BSL) increased from 71.04% to 73.5%. Production is reported including this change from 1 November 2024.

(b) On 1 November 2024, Rio Tinto's ownership interest in Tiwai Point Smelter (NZAS) increased from 79.36% to 100%. Production is reported including this change from 1 November 2024.

BAUXITE						
Production ('000 tonnes) (a)						
Gove	100 %	3,104	3,172	3,073	3,372	3,141
Porto Trombetas (b)	22 %	508	667	737	623	519
Sangaredi	(c)	1,583	1,622	1,544	1,571	2,290
Weipa	100 %	8,224	9,262	9,747	9,846	9,017
Rio Tinto total bauxite production		13,418	14,723	15,100	15,412	14,966

(a) Mine production figures for metals refer to the total quantity of metal produced in concentrates, leach liquor or doré bullion irrespective of whether these products are then refined onsite, except for the data for bauxite and iron ore which represent production of marketable quantities of ore plus concentrates and pellets.

(b) On 30 November 2023, Rio Tinto's ownership interest in Porto Trombetas increased from 12% to 22%. Production is reported including this change from 1 December 2023.

(c) Rio Tinto has a 22.95% shareholding in the Sangaredi mine but benefits from 45.0% of production.

Rio Tinto share of production

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
BORATES						
Production ('000 tonnes B₂O₃ content)						
Rio Tinto Borates - borates	100 %	121	125	126	132	117
COPPER						
Mine production ('000 tonnes) (a)						
Bingham Canyon	100 %	32.5	32.3	27.4	31.2	27.5
Escondida	30 %	77.2	86.4	90.4	104.8	98.7
Oyu Tolgoi	66 %	30.4	34.7	33.0	43.8	43.0
Rio Tinto total mine production		140.1	153.3	150.8	179.8	169.3
Refined production ('000 tonnes)						
Escondida	30 %	14.7	15.2	11.8	13.3	13.6
Kennecott (b)	100 %	47.8	47.5	42.5	55.4	42.3
Rio Tinto total refined production		62.5	62.7	54.3	68.7	55.9
Copper production – consolidated basis ('000 tonnes)						
Kennecott (b) - Production of refined metal		47.8	47.5	42.5	55.4	42.3
Escondida - Mill production (metal in concentrates) (c)		71.6	83.9	81.0	92.9	88.7
Escondida - Refined production from leach plants		14.7	15.2	11.8	13.3	13.6
Oyu Tolgoi - Metal in concentrates		46.1	52.5	50.0	66.3	65.2
Rio Tinto total production - consolidated basis		180.2	199.1	185.3	228.0	209.8

(a) Mine production figures for metals refer to the total quantity of metal produced in concentrates, leach liquor or doré bullion irrespective of whether these products are then refined onsite, except for the data for bauxite and iron ore which represent production of marketable quantities of ore plus concentrates and pellets.

(b) We continue to process third party concentrate to optimise smelter utilisation, including 8.3 thousand tonnes of cathode produced from purchased concentrate in Q1 2025. Purchased and tolled copper concentrates are excluded from reported production figures and production guidance. Sales of cathodes produced from purchased concentrate are included in reported revenues.

(c) Mill production was previously reported together with recoverable copper in ore stacked for leaching as mined production.

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
DIAMONDS						
Production ('000 carats)						
Diavik	100 %	740	702	542	775	942

GOLD

Metal in concentrates production ('000 tonnes) (a)

Bingham Canyon	100 %	26.7	22.5	22.1	24.0	24.7
Escondida	30 %	11.7	13.6	14.1	11.2	13.4
Oyu Tolgoi	66 %	28.2	30.9	33.3	43.8	40.6
Rio Tinto total mine production		66.6	67.1	69.4	79.0	78.7

Refined production ('000 ounces)

Kennecott (b)	100 %	35.3	39.7	25.7	43.1	34.0
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(a) Mine production figures for metals refer to the total quantity of metal produced in concentrates, leach liquor or doré bullion irrespective of whether these products are then refined onsite, except for the data for bauxite and iron ore which represent production of marketable quantities of ore plus concentrates and pellets.

(b) We continue to process third party concentrate to optimise smelter utilisation, including 8.3 thousand tonnes of cathode produced from purchased concentrate in Q1 2025. Purchased and tolled copper concentrates are excluded from reported production figures and production guidance. Sales of cathodes produced from purchased concentrate are included in reported revenues.

Rio Tinto share of production

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
IRON ORE						
Production ('000 tonnes) (a)						
Hamersley mines	(b)	53,373	54,691	57,096	59,656	49,637
Hope Downs	50 %	5,081	5,044	5,753	5,100	3,608
Iron Ore Company of Canada	59 %	2,613	2,185	2,116	2,532	2,317
Robe River - Pannawonica (Mesas J and A)	53 %	4,245	4,186	3,844	4,549	3,538
Robe River - West Angelas	53 %	3,388	3,607	4,352	4,265	3,308
Rio Tinto iron ore production ('000 tonnes)		68,701	69,712	73,160	76,102	62,408
Breakdown of Production:						
Pilbara Blend and SP10 Lump (c)		19,885	20,828	22,460	23,460	19,385
Pilbara Blend and SP10 Fines (c)		29,836	31,277	33,320	35,158	27,860
Robe Valley Lump		1,534	1,546	1,488	1,825	1,536
Robe Valley Fines		2,711	2,640	2,356	2,723	2,002
Yandicoogina Fines (HIY)		12,122	11,235	11,421	10,402	9,309
Pilbara iron ore production ('000 tonnes)		66,088	67,527	71,045	73,570	60,091
IOC Concentrate		1,130	930	842	1,062	948
IOC Pellets		1,483	1,255	1,274	1,470	1,369
IOC iron ore production ('000 tonnes)		2,613	2,185	2,116	2,532	2,317
Breakdown of Shipments:						
Pilbara Blend Lump		12,844	12,463	14,240	13,079	9,775
Pilbara Blend Fines		23,168	24,702	26,626	23,351	18,825
Robe Valley Lump		1,223	1,337	1,166	1,508	1,159
Robe Valley Fines		2,943	3,095	2,565	3,055	2,232
Yandicoogina Fines (HIY)		12,228	11,364	11,794	10,585	9,350
SP10 Lump (c)		4,474	5,071	5,715	7,341	8,117
SP10 Fines (c)		9,221	8,218	10,366	13,421	11,405
Pilbara iron ore shipments ('000 tonnes) (d)		66,100	66,250	72,471	72,341	60,862
Pilbara iron ore shipments - consolidated basis ('000 tonnes) (d) (f)		67,910	68,281	74,211	74,213	62,537
IOC Concentrate		1,162	986	1,228	1,140	646
IOC Pellets		1,493	1,438	1,157	1,357	1,356
IOC Iron ore shipments ('000 tonnes) (d)		2,654	2,423	2,385	2,497	2,001
Rio Tinto iron ore shipments ('000 tonnes) (d)		68,755	68,673	74,856	74,838	62,863
Rio Tinto iron ore sales ('000 tonnes) (e)		69,356	71,920	74,078	77,648	64,828

(a) Mine production figures for metals refer to the total quantity of metal produced in concentrates, leach liquor or doré bullion irrespective of whether these products are then refined onsite, except for the data for bauxite and iron ore which represent production of marketable quantities of ore plus concentrates and pellets.

(b) Includes 100% of production from Paraburdoo, Mt Tom Price, Western Turner Syncline, Marandoo, Yandicoogina, Brockman, Nammuldi, Silvergrass, Channar, Gudai-Darri, Eastern Range and Western Range mines. Whilst Rio Tinto owns 54% of the Eastern Range and the Western Range mines, under the terms of the joint venture agreement, Hamersley Iron manages the operation and is obliged to purchase all mine production from the joint venture and therefore all of the production is included in Rio Tinto's share of production.

(c) SP10 includes other lower grade products.

(d) Shipments includes material shipped to our portside trading facility in China which may not be sold onwards in the same period.

(e) Represents the difference between amounts shipped to portside trading and onward sales from portside trading, and third party volumes sold.

(f) While Rio Tinto has a 53% net beneficial interest in Robe River Iron Associates, it recognises 65% of the assets, liabilities, sales revenues and expenses in its accounts (as 30% is held through a 60% owned subsidiary and 35% is held through a 100% owned subsidiary). The consolidated basis sales reported here include Robe River Iron Associates on a 65% basis to enable comparison with revenue reported in the financial statements.

Rio Tinto share of production

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
MOLYBDENUM						
Mine production ('000 tonnes) (a)						
Bingham Canyon	100 %	0.7	0.6	0.5	0.8	1.0

(a) Mine production figures for metals refer to the total quantity of metal produced in concentrates, leach liquor or doré bullion irrespective of whether these products are then refined onsite, except for the data for bauxite and iron ore which represent production of marketable quantities of ore plus concentrates and pellets.

SALT						
Production ('000 tonnes)						
Dampier Salt (a)	68 %	1,425	1,540	1,511	1,347	836

(a) In December 2024, we completed the sale of Dampier Salt Limited's Lake MacLeod operation to Leichhardt Industrial Group. Following this divestment, we continue to operate solar salt sites at Dampier and Port Hedland.

SILVER						
Metal in concentrates production ('000 tonnes) (a)						
Bingham Canyon	100 %	370	368	368	377	357
Escondida	30 %	398	465	464	486	536
Oyu Tolgoi	66 %	205	239	214	281	266
Rio Tinto total mine production		973	1,072	1,046	1,144	1,159
Refined production ('000 ounces)						
Kennecott (b)	100 %	550	606	392	766	635

(a) Mine production figures for metals refer to the total quantity of metal produced in concentrates, leach liquor or doré bullion irrespective of whether these products are then refined onsite, except for the data for bauxite and iron ore which represent production of marketable quantities of ore plus concentrates and pellets.

(b) We continue to process third party concentrate to optimise smelter utilisation, including 8.3 thousand tonnes of cathode produced from purchased concentrate in Q1 2025. Purchased and tolled copper concentrates are excluded from reported production figures and production guidance. Sales of cathodes produced from purchased concentrate are included in reported revenues.

TITANIUM DIOXIDE SLAG						
Production ('000 tonnes)						
Rio Tinto Iron & Titanium (a)	100 %	254	238	263	235	223

(a) Quantities comprise 100% of Rio Tinto Fer et Titane and Rio Tinto's 74% interest in Richards Bay Minerals (RBM).

Production figures are sometimes more precise than the rounded numbers shown, hence small differences may result between the total of the quarter figures and the year to date figures.

Rio Tinto percentage interest shown above is at 31 March 2025.

Rio Tinto operational data

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
ALUMINA						
Smelter Grade Alumina - Aluminium Group						
Alumina production ('000 tonnes)						
<i>Australia</i>						
Queensland Alumina Refinery - Queensland	80 %	844	752	866	921	856
Yarwun refinery - Queensland	100 %	722	624	634	782	765
<i>Brazil</i>						
São Luis (Alumar) refinery	10 %	867	926	927	967	901
<i>Canada</i>						
Jonquière (Vaudreuil) refinery - Quebec (a)	100 %	352	328	323	350	355
<i>(a) Jonquière's (Vaudreuil's) production shows smelter grade alumina only and excludes hydrate produced and used for specialty alumina.</i>						
Speciality Alumina - Aluminium Group						
Speciality alumina production ('000 tonnes)						
<i>Canada</i>						
Jonquière (Vaudreuil) plant – Quebec	100 %	27	30	28	26	25

Rio Tinto percentage interest shown above is at 31 March 2025. The data represents production and sales on a 100% basis unless otherwise stated.

Rio Tinto operational data

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
ALUMINIUM						
Primary Aluminium						
Primary aluminium production ('000 tonnes)						
<i>Australia</i>						
Bell Bay smelter - Tasmania	100 %	47	47	47	47	46
Boyne Island smelter - Queensland (a)	74 %	126	126	127	128	125
Tomago smelter - New South Wales	52 %	142	146	150	149	140
<i>Canada</i>						
Alma smelter - Quebec	100 %	121	119	120	122	119
Alouette (Sept-Îles) smelter - Quebec	40 %	157	158	158	159	155
Arvida smelter - Quebec	100 %	43	37	36	37	36
Arvida AP60 smelter - Quebec	100 %	15	15	15	15	15
Bécancour smelter - Quebec	25 %	116	119	119	120	113
Grande-Baie smelter - Quebec	100 %	57	57	57	58	56
Kitimat smelter - British Columbia	100 %	107	107	103	102	100
Laterrière smelter - Quebec	100 %	61	63	64	64	62
<i>Iceland</i>						
ISAL (Reykjavik) smelter	100 %	49	50	52	51	48
<i>New Zealand</i>						
Tiwai Point smelter (b)	100 %	83	82	62	63	74
<i>Oman</i>						
Sohar smelter	20 %	99	99	100	101	99
Recycled Aluminium						
Recycled aluminium production ('000 tonnes)						
Matalco	50 %	148	139	125	116	132

(a) On 1 November 2024, Rio Tinto's ownership interest in Boyne Smelters Limited (BSL) increased from 71.04% to 73.5%. Production is reported including this change from 1 November 2024.

(b) On 1 November 2024, Rio Tinto's ownership interest in Tiwai Point Smelter (NZAS) increased from 79.36% to 100%. Production is reported including this change from 1 November 2024.

Rio Tinto percentage interest shown above is at 31 March 2025. The data represents production and sales on a 100% basis unless otherwise stated.

Rio Tinto operational data

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
BAUXITE						
Bauxite production ('000 tonnes)						
<i>Australia</i>						
Gove mine - Northern Territory	100 %	3,104	3,172	3,073	3,372	3,141
Weipa mine - Queensland	100 %	8,224	9,262	9,747	9,846	9,017
<i>Brazil</i>						
Porto Trombetas (MRN) mine	22 %	2,310	3,034	3,348	2,831	2,357
<i>Guinea</i>						
Sangaredi mine (a)	23 %	3,517	3,604	3,432	3,491	5,089

Rio Tinto share of bauxite shipments						
Share of total bauxite shipments ('000 tonnes)		12,715	15,177	15,511	15,513	14,390
Share of third party bauxite shipments ('000 tonnes)		8,496	10,691	11,120	10,627	9,807
(a) Rio Tinto has a 22.95% shareholding in the Sangaredi mine but benefits from 45.0% of production.						

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
BORATES						
Rio Tinto Borates - borates	100 %					
<i>US</i>						
Borates ('000 tonnes) (a)		121	125	126	132	117

(a) Production is expressed as B₂O₃ content.

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
COPPER & GOLD						
Escondida	30 %					
<i>Chile</i>						
Sulphide ore to concentrator ('000 tonnes)		31,653	34,377	32,488	35,293	32,889
Average copper grade (%)		0.92	0.99	1.00	1.06	1.09
Mill production (metals in concentrates):						
Contained copper ('000 tonnes)		238.6	279.5	269.9	309.8	295.6
Contained gold ('000 ounces)		39.0	45.4	47.0	37.3	44.5
Contained silver ('000 ounces)		1,328	1,549	1,546	1,619	1,787
Recoverable copper in ore stacked for leaching ('000 tonnes) (a)		18.6	8.4	31.4	39.5	33.5
Refined production from leach plants:						
Copper cathode production ('000 tonnes)		49.0	50.7	39.4	44.4	45.2
Sales of metals:						
Copper in concentrates ('000 tonnes) (b)		204	261	273	275	309
Copper cathode ('000 tonnes)		44	55	38	43	47
Gold ('000 ounces) (b)		39	45	47	37	45
Silver ('000 ounces) (b)		1,328	1,549	1,546	1,619	1,787

(a) The calculation of copper in material mined for leaching is based on ore stacked at the leach pad.

(b) Payable metals in concentrates

Rio Tinto percentage interest shown above is at 31 March 2025. The data represents production and sales on a 100% basis unless otherwise stated.

Rio Tinto operational data

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
COPPER & GOLD (continued)						
Kennecott						
Bingham Canyon mine	100 %					
<i>Utah, US</i>						
Ore treated ('000 tonnes)		8,271	10,257	9,149	10,487	9,339
Average ore grade:						
Copper (%)		0.43	0.36	0.36	0.35	0.35
Gold (g/t)		0.14	0.11	0.12	0.12	0.14
Silver (g/t)		1.97	1.79	2.02	1.78	1.81
Molybdenum (%)		0.021	0.020	0.019	0.020	0.029
Copper concentrates produced ('000 tonnes)		127	135	121	144	131
Average concentrate grade (% Cu)		25.6	23.9	22.0	21.6	21.0
Production of metals in copper concentrates:						
Copper ('000 tonnes) (a)		32.5	32.3	27.4	31.2	27.5
Gold ('000 ounces)		26.7	22.5	22.1	24.0	24.7
Silver ('000 ounces)		370	368	368	377	357
Molybdenum concentrates produced ('000 tonnes):						
Molybdenum in concentrates ('000 tonnes)		0.7	0.6	0.5	0.8	1.0
Kennecott smelter & refinery						
	100 %					
Copper concentrates smelted ('000 tonnes)		171	227	156	187	163
Copper anodes produced ('000 tonnes) (b)		56.7	54.4	42.8	43.2	36.2
Production of refined metal:						
Copper ('000 tonnes) (c)		47.8	47.5	42.5	55.4	42.3
Gold ('000 ounces) (d)		35.3	39.7	25.7	43.1	34.0
Silver ('000 ounces) (d)		550	606	392	766	635
Sales of refined metal:						
Copper ('000 tonnes) (c)		47.3	50.8	42.3	52.1	40.7
Gold ('000 ounces)		35.4	41.7	28.3	33.2	33.6
Silver ('000 ounces)		552	637	396	611	625

(a) Includes a small amount of copper in precipitates.

(b) New metal excluding recycled material.

(c) We continue to process third party concentrate to optimise smelter utilisation, including 8.3 thousand tonnes of cathode produced from purchased concentrate in Q1 2025. Purchased and tolled copper concentrates are excluded from reported production figures and production guidance. Sales of cathodes produced from purchased concentrate are included in reported revenues.

(d) Includes gold and silver in intermediate products.

Rio Tinto percentage interest shown above is at 31 March 2025. The data represents production and sales on a 100% basis unless otherwise stated.

Rio Tinto operational data

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
COPPER & GOLD (continued)						
Oyu Tolgoi mine	66 %					
<i>Mongolia</i>						
Ore Treated ('000 tonnes) - Open Pit		9,011	9,284	7,352	8,881	7,469
Ore Treated ('000 tonnes) - Underground		1,313	1,533	1,521	2,144	2,434
Ore Treated ('000 tonnes) - Total		10,323	10,817	8,873	11,025	9,903
Average mill head grades:						
Open Pit						
Copper (%)		0.39	0.37	0.39	0.43	0.42
Gold (g/t)		0.19	0.17	0.22	0.24	0.25
Silver (g/t)		1.25	1.12	0.97	1.08	1.02
Underground						
Copper (%)		1.67	2.02	2.05	1.96	2.03
Gold (g/t)		0.42	0.62	0.61	0.55	0.55
Silver (g/t)		3.28	4.75	4.76	4.59	4.47
Total						
Copper (%)		0.55	0.61	0.67	0.73	0.82
Gold (g/t)		0.22	0.24	0.28	0.30	0.32
Silver (g/t)		1.50	1.64	1.62	1.77	1.87
Copper concentrates produced ('000 tonnes)		208.5	246.2	232.0	307.3	303.4
Average concentrate grade (% Cu)		22.1	21.3	21.6	21.6	21.5
Production of metals in concentrates:						
Copper in concentrates ('000 tonnes)		46.1	52.5	50.0	66.3	65.2
Gold in concentrates ('000 ounces)		42.8	46.9	50.4	66.3	61.5
Silver in concentrates ('000 ounces)		311	363	325	426	403
Sales of metals in concentrates (a):						
Copper in concentrates ('000 tonnes)		43.7	48.3	43.6	62.6	57.7
Gold in concentrates ('000 ounces)		41.5	43.3	42.1	63.6	55.8
Silver in concentrates ('000 ounces)		272	317	273	382	338

(a) Sales of metals in concentrates refer to the payable metals in concentrates collected by customers from the Mongolia/China border.

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
DIAMONDS						
Diavik Diamonds	100 %					
<i>Northwest Territories, Canada</i>						
Ore processed ('000 tonnes)		343	361	232	330	394
Diamonds recovered ('000 carats)		740	702	542	775	942

Rio Tinto percentage interest shown above is at 31 March 2025. The data represents production and sales on a 100% basis unless otherwise stated.

Rio Tinto operational data

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
IRON ORE						
Rio Tinto Iron Ore						
<i>Western Australia</i>						
Pilbara Operations						
Saleable iron ore production ('000 tonnes)						
Hamersley mines	(a)	53,373	54,691	57,096	59,656	49,637
Hope Downs	50 %	10,163	10,087	11,507	10,200	7,216
Robe River - Pannawonica (Mesas J and A)	53 %	8,009	7,898	7,252	8,583	6,676
Robe River - West Angelas	53 %	6,393	6,805	8,211	8,048	6,242
Total production ('000 tonnes)		77,938	79,481	84,066	86,486	69,771
Breakdown of total production:						
Pilbara Blend and SP10 Lump (b)		23,386	24,416	26,604	27,273	22,452
Pilbara Blend and SP10 Fines (b)		34,422	35,932	38,788	40,228	31,334
Robe Valley Lump		2,894	2,916	2,807	3,444	2,899
Robe Valley Fines		5,115	4,982	4,445	5,139	3,778
Yandicoogina Fines (HIY)		12,122	11,235	11,421	10,402	9,309
Breakdown of total shipments:						
Pilbara Blend Lump		15,635	15,832	17,498	16,223	11,997
Pilbara Blend Fines		28,475	31,336	31,870	29,042	22,434
Robe Valley Lump		2,308	2,522	2,200	2,846	2,187
Robe Valley Fines		5,553	5,839	4,839	5,764	4,211
Yandicoogina Fines (HIY)		12,228	11,364	11,794	10,585	9,350
SP10 Lump (b)		4,612	5,141	5,790	7,567	8,806
SP10 Fines (b)		9,221	8,275	10,559	13,650	11,755
Total shipments ('000 tonnes) (c)		78,033	80,309	84,550	85,678	70,740
	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
Iron Ore Company of Canada						
	59 %					
<i>Newfoundland & Labrador and Quebec in Canada</i>						
Saleable iron ore production:						
Concentrates ('000 tonnes)		1,924	1,584	1,434	1,809	1,614
Pellets ('000 tonnes)		2,526	2,137	2,169	2,503	2,331
IOC Total production ('000 tonnes)		4,450	3,721	3,603	4,312	3,945
Shipments:						
Concentrates ('000 tonnes)		1,978	1,678	2,090	1,942	1,100
Pellets ('000 tonnes)		2,542	2,449	1,971	2,310	2,308
IOC Total Shipments ('000 tonnes) (c)		4,520	4,127	4,061	4,252	3,408
Global Iron Ore Totals						
Iron Ore Production ('000 tonnes)		82,388	83,203	87,669	90,798	73,716
Iron Ore Shipments ('000 tonnes)		82,553	84,436	88,611	89,931	74,148
Iron Ore Sales ('000 tonnes) (d)		82,790	87,479	87,349	92,063	75,339

(a) Includes 100% of production from Paraburdoo, Mt Tom Price, Western Turner Syncline, Marandoo, Yandicoogina, Brockman, Nammuldi, Silvergrass, Channar, Gudai-Darri, Eastern Range and Western Range mines. Whilst Rio Tinto owns 54% of the Eastern Range and the Western Range mines, under the terms of the joint venture agreement, Hamersley Iron manages the operation and is obliged to purchase all mine production from the joint venture and therefore all of the production is included in Rio Tinto's share of production.

(b) SP10 includes other lower grade products.

(c) Shipments includes material shipped to our portside trading facility in China which may not be sold onwards in the same period.

(d) Include Pilbara and IOC sales adjusted for portside trading movements and third party volumes sold.

Rio Tinto percentage interest shown above is at 31 March 2025. The data represents production and sales on a 100% basis unless otherwise stated.

Rio Tinto operational data

	Rio Tinto interest	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
SALT						
Dampier Salt (a)	68 %					
<i>Western Australia</i>						
Salt production ('000 tonnes)		2,085	2,253	2,211	1,970	1,223
<i>(a) In December 2024, we completed the sale of Dampier Salt Limited's Lake MacLeod operation to Leichhardt Industrial Group. Following this divestment, we continue to operate solar salt sites at Dampier and Port Hedland.</i>						
TITANIUM DIOXIDE SLAG						
Rio Tinto Iron & Titanium	100 %					
<i>Canada and South Africa</i>						
(Rio Tinto share) (a)						
Titanium dioxide slag ('000 tonnes)		254	238	263	235	223

(a) Quantities comprise 100% of Rio Tinto Fer et Titane and Rio Tinto's 74% interest in Richards Bay Minerals' production. Ilmenite mined in Madagascar is being processed in Canada.

Rio Tinto percentage interest shown above is at 31 March 2025. The data represents production and sales on a 100% basis unless otherwise stated.