

<div>Form 5500</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Annual Return/Report of Employee Benefit Plan</div> <div>This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).</div> <div>▶ Complete all entries in accordance with the instructions to the Form 5500.</div>	<div>OMB Nos. 1210-0110 1210-0089</div> <div>2022</div> <div>This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: <div>☐ a multiemployer plan</div> <div>☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)</div> <div>☒ a single-employer plan</div> <div>☐ a DFE (specify) _____</div>
B	This return/report is: <div>☐ the first return/report</div> <div>☐ the final return/report</div> <div>☐ an amended return/report</div> <div>☐ a short plan year return/report (less than 12 months)</div>
C	If the plan is a collectively-bargained plan, check here.▶ ☒
D	Check box if filing under: <div>☒ Form 5558</div> <div>☐ automatic extension</div> <div>☐ the DFVC program</div> <div>☐ special extension (enter description)</div>
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan RIO TINTO AMERICA INC. RETIREMENT PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 10/01/1999
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) RIO TINTO AMERICA INC. 4700 DAYBREAK PARKWAY SOUTH JORDAN, UT 84009
2b	Employer Identification Number (EIN) 11-3359689
2c	Plan Sponsor's telephone number 801-204-2000
2d	Business code (see instructions) 212200

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/09/2023	KATHY KARINEN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☐ Same as Plan Sponsor RIO TINTO AMERICA INC. BENEFITS GOVERNANCE COMMITTEE 4700 DAYBREAK PARKWAY SOUTH JORDAN, UT 84009		3b Administrator's EIN 11-3359689
		3c Administrator's telephone number 801-204-2000
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 7853
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 1747
a(2) Total number of active participants at the end of the plan year		6a(2) 1643
b Retired or separated participants receiving benefits		6b 2769
c Other retired or separated participants entitled to future benefits.....		6c 2714
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 7126
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 623
f Total. Add lines 6d and 6e		6f 7749
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 5
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A 1C 3H 1B		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>RIO TINTO AMERICA INC. RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>RIO TINTO AMERICA INC.</u>	D Employer Identification Number (EIN) <u>11-3359689</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2022</u>	
2 Assets:	
a Market value.....	2a <u>983512353</u>
b Actuarial value	2b <u>948093490</u>
3 Funding target/participant count breakdown	(1) Number of participants (2) Vested Funding Target (3) Total Funding Target
a For retired participants and beneficiaries receiving payment	<u>3295</u> <u>382014357</u> <u>382014357</u>
b For terminated vested participants.....	<u>2811</u> <u>148666716</u> <u>148666716</u>
c For active participants.....	<u>1747</u> <u>142524200</u> <u>155852151</u>
d Total	<u>7853</u> <u>673205273</u> <u>686533224</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions.....	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b
5 Effective interest rate.....	5 <u>5.44</u> %
6 Target normal cost	
a Present value of current plan year accruals.....	6a <u>7333078</u>
b Expected plan-related expenses	6b <u>2767421</u>
c Total (line 6a + line 6b)	6c <u>10100499</u>

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		<u>08/10/2023</u>
	Signature of actuary	Date
<u>TROY WARE</u>	Type or print name of actuary	<u>23-07419</u>
		Most recent enrollment number
<u>AON CONSULTING, INC.</u>	Firm name	<u>303-639-4157</u>
		Telephone number (including area code)
<u>MSC# 17858, AON PO BOX 803507 DALLAS, TX 75380</u>	Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2022
v. 220413

Part II Beginning of Year Carryover and Prefunding Balances		
	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	245173276
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	14786256
9 Amount remaining (line 7 minus line 8)	0	230387020
10 Interest on line 9 using prior year's actual return of <u>4.14</u> %	0	9538023
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year).....		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.62</u> %.....		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance.....		0
d Portion of (c) to be added to prefunding balance.....		
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	0	239925043

Part III Funding Percentages		
14 Funding target attainment percentage	14	103.15 %
15 Adjusted funding target attainment percentage	15	138.09 %
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	16	96.12 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ►			18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a Contributions allocated toward unpaid minimum required contributions from prior years.....	19a	0
b Contributions made to avoid restrictions adjusted to valuation date.	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.	19c	0
20 Quarterly contributions and liquidity shortfalls:		
a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No		
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No		
c If line 20a is "Yes," see instructions and complete the following table as applicable:		
Liquidity shortfall as of end of quarter of this plan year		
(1) 1st	(2) 2nd	(3) 3rd
0	0	0
(4) 4th		
0		

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
4.75 %2nd segment:
5.18 %3rd segment:
5.92 %☐ N/A, full yield curve used**b** Applicable month (enter code).....**21b**

4

22 Weighted average retirement age**22**

63

23 Mortality table(s) (see instructions)☐

Prescribed - combined

☒

Prescribed - separate

☐

Substitute

Part VI Miscellaneous Items**24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No**26** Demographic and benefit information**a** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.☒

Yes

☐ No**b** Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...☒

Yes

☐ No**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment**27****Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years****28** Unpaid minimum required contributions for all prior years.....**28**

0

29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)**29**

0

30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)**30**

0

Part VIII Minimum Required Contribution For Current Year**31** Target normal cost and excess assets (see instructions):**a** Target normal cost (line 6c).....**31a**

10100499

b Excess assets, if applicable, but not greater than line 31a**31b**

10100499

32 Amortization installments:

Outstanding Balance

Installment

a Net shortfall amortization installment

0

0

b Waiver amortization installment

0

0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount**33****34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....**34**

0

Carryover balance

Prefunding balance

Total balance

35 Balances elected for use to offset funding requirement.....

0

0

0

36 Additional cash requirement (line 34 minus line 35)**36**

0

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)**37**

0

38 Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36)**38a**

0

b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances**38b****39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)**39**

0

40 Unpaid minimum required contributions for all years.....**40**

0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☐ 2020 ☒ 2021

<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan RIO TINTO AMERICA INC. RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 RIO TINTO AMERICA INC.	D Employer Identification Number (EIN) 11-3359689	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☐ Yes ☒ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PIMCO

840 NEWPORT CTR, STE 100
NEWPORT BEACH, CA 92660

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	NONE	1210979	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

AON HEWITT

100 HALF DAY ROAD
LINCOLNSHIRE, IL 60069

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11	NONE	987344	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

PANTHEON

98-0698352

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	NONE	408142	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

JP MORGAN

13-3836528

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	NONE	387251	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DRA GROWTH

220 EAST 42ND STREET
NEW YORK, NY 10017

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	NONE	310216	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

STATE STREET TRUST CO

04-3581074

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
25	NONE	191865	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PORTFOLIO ADVISORS

90-0787790

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	NONE	119411	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

MORGAN, LEWIS & BOCKIUS LLP

23-0891050

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	80764	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

GOODWIN PROCTER

1900 N ST NW
WASHINGTON, DC 20036

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	55442	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

MERCER

13-2834414

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	NONE	54850	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

NORTHLEAF

79 WELLINGTON STREET WEST, 6TH FLOOR TORONTO, ON CANADA M5K 1N9
TORONTO, ONTARIO M5K 1N9 CA

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	NONE	49998	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

LINKLATERS LLP

1290 AVENUE OF THE AMERICAS
NEW YORK, NY 10104

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	7691	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ALVAREZ AND MARSAL TAXAND, LLC

56-2409465

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
16	NONE	6212	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

<div>SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration</div>	<div>DFE/Participating Plan Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>► File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2022</div> <div>This Form is Open to Public Inspection.</div>
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan RIO TINTO AMERICA INC. RETIREMENT PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 RIO TINTO AMERICA INC.		
D Employer Identification Number (EIN) 11-3359689		

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)		
a Name of MTIA, CCT, PSA, or 103-12 IE: PIMCO FDS SHORT TERM FLTG NAV MUTUA			
b Name of sponsor of entity listed in (a): PIMCO			
c EIN-PN 26-4370277-000	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 189825	
a Name of MTIA, CCT, PSA, or 103-12 IE: SER ASSET BACKED SECURITIES (PIMCO)			
b Name of sponsor of entity listed in (a): PIMCO			
c EIN-PN 33-0921312-000	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3137577	
a Name of MTIA, CCT, PSA, or 103-12 IE: JPMCP STRATEGIC PROPERTY FUND			
b Name of sponsor of entity listed in (a): JP MORGAN			
c EIN-PN 55-2992935-000	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 51520198	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>RIO TINTO AMERICA INC. RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>RIO TINTO AMERICA INC.</u>	D Employer Identification Number (EIN) <u>11-3359689</u>	

Part I	Asset and Liability Statement		(a) Beginning of Year	(b) End of Year
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.				
	Assets			
a	Total noninterest-bearing cash.....	1a	5938874	4842108
b	Receivables (less allowance for doubtful accounts):			
	(1) Employer contributions.....	1b(1)		
	(2) Participant contributions.....	1b(2)		
	(3) Other.....	1b(3)	39378427	7719282
c	General investments:			
	(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	27559502	9846145
	(2) U.S. Government securities	1c(2)	377757724	267687500
	(3) Corporate debt instruments (other than employer securities):			
	(A) Preferred	1c(3)(A)		
	(B) All other	1c(3)(B)	418232124	290007360
	(4) Corporate stocks (other than employer securities):			
	(A) Preferred	1c(4)(A)	3123358	2165180
	(B) Common.....	1c(4)(B)	19	19
	(5) Partnership/joint venture interests	1c(5)	185306111	155450990
	(6) Real estate (other than employer real property)	1c(6)		
	(7) Loans (other than to participants).....	1c(7)	23373207	32443994
	(8) Participant loans.....	1c(8)		
	(9) Value of interest in common/collective trusts.....	1c(9)	54273956	54847600
	(10) Value of interest in pooled separate accounts	1c(10)		
	(11) Value of interest in master trust investment accounts.....	1c(11)		
	(12) Value of interest in 103-12 investment entities	1c(12)		
	(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)		
	(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
	(15) Other	1c(15)	22056969	18383932

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	1157000271	843394110

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	172693155	110884869
i Acquisition indebtedness	1i		
j Other liabilities	1j	794763	492030
k Total liabilities (add all amounts in lines 1g through 1j)	1k	173487918	111376899

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	983512353	732017211
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)		
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		0
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	114276	
(B) U.S. Government securities	2b(1)(B)	4399436	
(C) Corporate debt instruments	2b(1)(C)	15612553	
(D) Loans (other than to participants)	2b(1)(D)	4426	
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)	2669511	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		22800202
(2) Dividends: (A) Preferred stock	2b(2)(A)	130781	
(B) Common stock	2b(2)(B)	213117	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		343898
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	4986502085	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	5089253341	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		-102751256
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	-132142860	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		-132142860

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		3547142
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		2219155
d Total income. Add all income amounts in column (b) and enter total	2d		-205983719
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	40765723	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		40765723
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	1198243	
(2) Contract administrator fees	2i(2)	191865	
(3) Investment advisory and management fees	2i(3)	2664528	
(4) Other	2i(4)	691064	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		4745700
j Total expenses. Add all expense amounts in column (b) and enter total	2j		45511423
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-251495142
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: BDO USA, P.C.

(2) EIN: 13-5381590

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		20000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	X		
4j	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 479335.

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>► File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2022</div> <div>This Form is Open to Public Inspection.</div>
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan RIO TINTO AMERICA INC. RETIREMENT PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 RIO TINTO AMERICA INC.		D Employer Identification Number (EIN) 11-3359689
Part I Distributions		
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 04-3581074		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3 12
Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)		
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☒ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☒ N/A		
Part III Amendments		
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☒ Both ☐ No		
Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.		
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
	a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a	
	b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
	c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
	b The corresponding number for the second preceding plan year.....	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐
19	<p>If the total number of participants is 1,000 or more, complete lines (a) through (c)</p> <p>a Enter the percentage of plan assets held as: Stock: <u>0.0</u> % Investment-Grade Debt: <u>65.2</u> % High-Yield Debt: <u>5.0</u> % Real Estate: <u>14.7</u> % Other: <u>15.1</u> %</p> <p>b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☒ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more</p> <p>c What duration measure was used to calculate line 19(b)? ☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):</p>
20	<p>PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.</p> <p>a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No</p> <p>b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:</p> <p>☐ Yes.</p> <p>☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.</p> <p>☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.</p> <p>☐ No. Other. Provide explanation _____</p>



Rio Tinto America Inc. Retirement Plan

Financial Statements and
Supplemental Schedules
As of and For the Years Ended
December 31, 2022 and 2021

Rio Tinto America Inc. Retirement Plan

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Independent Auditor's Report

The Rio Tinto America Inc. Benefits Governance Committee of
Rio Tinto America Inc. Retirement Plan
South Jordan, Utah

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the financial statements of Rio Tinto America Inc. Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA (ERISA Section 103(a)(3)(C) audit). As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency (qualified institution), provided that the investment information is prepared and certified to by the qualified institution in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained certifications from a qualified institution as of December 31, 2022 and 2021, and for the years then ended, stating that the certified investment information, as described in Note 4 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and the procedures performed as described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report:

- the amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (GAAP); and
- the certified investment information in the accompanying financial statements agrees to, or is derived from, in all material respects, the information prepared and certified by qualified institutions that management determined meet the requirements of ERISA Section 103(a)(3)(C).



Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with GAAP, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is responsible for maintaining a current plan instrument, including all plan amendments. Management is also responsible for administering the Plan and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the *Scope and Nature of the ERISA Section 103(a)(3)(C) Audit* section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.



- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certifications, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with GAAP.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matter –Supplemental Schedules Required by ERISA

The supplemental Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2022 and Schedule H, Line 4j - Schedule of Reportable Transactions for the year ended December 31, 2022 are presented for purpose of additional analysis and are not a required part of the financial statements but are supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.



In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the certified investment information in the supplemental schedules agrees to, or are derived from, in all material respects, the information prepared and certified by qualified institutions that management determined meet the requirements of ERISA Section 103(a)(3)(C).

BDO USA, P.C.

October 6, 2023

Rio Tinto America Inc. Retirement Plan

Statements of Net Assets Available for Benefits

<i>December 31,</i>	2022	2021
Assets		
Investments, at fair value (Note 5)	\$ 907,706,370	\$1,257,063,560
Non-interest bearing cash	4,842,108	5,938,874
Receivables:		
Due from broker	7,589,855	32,516,444
Interest	11,837	6,374,230
Other	117,590	487,753
Total receivables	7,719,282	39,378,427
Total assets	920,267,760	1,302,380,861
Liabilities		
Accrued expenses	(492,030)	(794,763)
Due to brokers for securities purchased	(109,690,988)	(172,624,744)
Derivatives	(76,873,650)	(145,380,590)
Other payables	(1,193,881)	(68,411)
Total liabilities	(188,250,549)	(318,868,508)
Net assets available for benefits	\$ 732,017,211	\$ 983,512,353

See accompanying notes to financial statements.

Rio Tinto America Inc. Retirement Plan

Statements of Changes in Net Assets Available for Benefits

<i>For the Years Ended December 31,</i>	2022	2021
Additions, net of investment loss:		
Investment income (loss):		
Net (depreciation) appreciation in fair investments	\$ (231,346,974)	\$ 17,765,627
Interest and dividends	23,144,100	23,503,866
Other income	2,219,155	3,185,310
Total net investment income (loss)	(205,983,719)	44,454,803
Deductions:		
Benefits paid to participants and beneficiaries, net of redeposits	(40,765,723)	(41,684,896)
Administrative expenses	(4,745,700)	(7,265,503)
Total deductions	(45,511,423)	(48,950,399)
Net decrease	(251,495,142)	(4,495,596)
Net assets available for benefits, beginning of year	983,512,353	988,007,949
Net assets available for benefits, end of year	\$ 732,017,211	\$ 983,512,353

See accompanying notes to financial statements.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

1. Description of the Plan

The following description of Rio Tinto America Inc. Retirement Plan (the “Plan”) provides only general information. Participants should refer to the Plan document for a more complete description of the Plan’s provisions.

General

The Plan was established by Rio Tinto America Inc. (the “Company”). The Plan is a noncontributory defined benefit pension plan covering all eligible employees and former employees of the Company (including participants of merged plans), subsidiaries and affiliates of Rio Tinto America Holdings Inc. as designated in Appendix A of the Plan document as participating companies (the “Participating Companies” and together with the Company, the “Employer”), and Affiliated Employers (as defined in the Plan document). Additional former Participating Companies are referenced in the plan documents of the merged plans.

Currently, the Company and the Participating Companies are subsidiaries of Rio Tinto America Holdings Inc., which is an indirect, wholly-owned subsidiary of Rio Tinto plc (the “Parent”). The Plan is intended to be a qualified retirement plan under the Internal Revenue Code (“IRC”) and is subject to the provisions of Employee Retirement Income Security Act of 1974 (“ERISA”), as amended. Aon Consulting, Inc. is the third party administrator of the Plan. The Plan is administered by the Rio Tinto America Inc. Benefits Governance Committee (the “Plan Administrator”).

The Plan is closed to all new participants (including hires, rehires and transfers) effective as noted below.

The Plan participates in the Rio Tinto America Inc. Retirement Plan Trust (“RTA Trust”), which was created to hold the qualified defined benefit investment assets of the Plan. The Company and the Rio Tinto America Inc. Pension Investment Committee (“Investment Committee”) appointed State Street Bank and Trust Company (“Trustee”), to be the trustee of the RTA Trust and to invest and manage assets.

History and Pension Benefits - Rio Tinto America

Effective April 1, 2007, the Plan was closed to new participants (except as noted below). Therefore, employees who are hired, rehired or transferred by the Employer or Affiliated Employers (who otherwise would have been eligible under the Plan) after March 31, 2007, are generally not eligible for participation in the Plan.

Participants are eligible for monthly benefit payments upon reaching normal retirement age (age 65). Pension payments are calculated using the final average monthly earnings based upon the highest 36 consecutive months (out of the last 120 months of employment with the Employer or Affiliated Employers), which produce the highest aggregate eligible compensation. The amount of the monthly benefit is based upon the participant’s final average earnings and eligible benefit service.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

The normal forms of retirement benefits available under the Plan are a monthly life annuity for a single participant or, for a married participant, a 50 percent qualified joint and survivor annuity. Participants will receive a lump-sum distribution in the event the actuarial present value of the participant's entire vested benefit is \$5,000 or less. A reduced early retirement benefit is available after attainment of age 55 and completion of five years of vesting service.

A participant vests fully in retirement benefits after performing five years of vesting service, upon reaching normal retirement age while still employed by the Participating Employers, or termination of the Plan.

Pension Benefits - Historical AlcanCorp Plan

Participants are entitled to annual pension benefits at normal retirement age (65 with five years of service). Benefit accruals were frozen for all participants effective as of June 30, 2013 although participants continue to accrue vesting service.

The Plan permits early retirement when the sum of the participant's age plus the participant's years of service equals 75 or more, or if the participant reaches age 55 with five years of service. The early retirement benefit is the product of the normal retirement benefit multiplied by a factor based on the number of years the participant's early retirement precedes the normal retirement date.

The Plan also provides for disability, termination and pre-retirement spouse benefits for participants meeting certain age and length of service requirements. There is also a provision for a postretirement spouse benefit that generally does not require a reduction in the participant's benefit.

Pension Benefits - Historical Alcan Combined Plan

Participants are entitled to annual pension benefits at normal retirement (age 65). Benefit accruals were frozen for all participants effective December 31, 2011.

The Plan generally permits early retirement if the participant reached age 60 with five years of service. The early retirement benefit is the product of the normal retirement benefit multiplied by a factor based on age and early commencement.

The Plan also provides for disability, termination and pre-retirement spousal benefits for participants meeting certain age and length of service requirements.

History and Pension Benefits - Historical Kennecott Plan

Effective January 1, 2018, the Plan was closed to new participants. Therefore, represented employees who are hired, rehired, or transferred to a represented role by the Kennecott Utah Copper after the closure date, are generally not eligible for participation in the Plan.

Participants are eligible for monthly benefit payments upon reaching normal retirement age. Normal retirement is the earlier of attaining age 65 and attainment of the 5th anniversary of original date of hire or attainment of 70th birthday, or 30 years of continuous service. Monthly pension benefits are calculated by applying a flat dollar multiplier to eligible service based on dollar amounts agreed to in the applicable Collective Bargaining Agreements. Generally, the monthly benefit multiplier is based on the year of termination of employment from the Company. Effective April 1, 2022, the

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

Company entered into a Collective Bargaining Agreement with the Kennecott Unions whereby, the pension multiplier was increased \$1 per year each January 1st for the duration of the agreement date of the agreement through 2027 (from \$52 to \$57). The flat dollar multiplier is based on the year the employee terminates or transfers to non-covered employment.

The normal forms of retirement benefits available under the Plan are a single life annuity for a single participant or, for a married participant, a qualified 55 percent joint and survivor annuity. Participants receive a lump-sum distribution in the event that the actuarial present value of the participant's entire vested benefit are \$1,000 or less. An early retirement benefit is available after attainment of age 60 and completion of between 10 and 30 years of continuous service.

A participant is fully vested in the plan benefits after five years of continuous service with the Participating Employers or upon termination of the Plan.

History and Pension Benefits - Historical Borax Plan

The Plan covers represented employees at the Boron and Wilmington locations, which are each represented by a separate bargaining union. The Plan was closed to new hires and rehires effective May 17, 2010 for Boron Represented Employees and June 17, 2011 for Wilmington Represented Employees. Therefore, employees who are hired, rehired, or transferred to a represented role by the U.S. Borax Inc. after the closure dates, are generally not eligible for participation in the Plan.

Participants are eligible for monthly retirement benefit payments upon reaching normal retirement age (age 65). Pension payments are calculated using years of pensionable service, as defined. Pensionable service is based upon 1,800 hours each calendar year. Participants receive varying monthly benefit amounts based on years of pensionable service and a monthly flat dollar multiplier as agreed to in the applicable Collective Bargaining Agreements. Generally, the monthly benefit multiplier is based on the year of termination of employment from the Company or a transfer to non-covered employment. Effective June 19, 2021, the Company entered into a Collective Bargaining Agreement with the Boron Union whereby, the pension multiplier was increased \$1 per year from the effective date of the agreement through 2027 (from \$75 to \$82). For Wilmington Participants, the monthly benefit multiplier amount per year of services is \$76 on June 17, 2017, and will continue to increase by one dollar increments every July 1st through 2021 (from \$76 to \$80). Effective September 1, 2022, the Company entered into a Collective Bargaining Agreement with the Wilmington Union whereby, the pension multiplier was increased by \$5 to \$85. There will be no additional increases to the multiplier over the term of the agreement through 2027.

The normal forms of retirement benefits available under the Plan are a monthly life annuity or, for a married participant, a qualified 50 percent joint and survivor annuity. Participants receive a lump-sum distribution in the event that the actuarial present value of the participant's entire vested benefit is \$5,000 or less. Participants can elect to receive retirement benefits after attainment of age 55. Benefit payments can be reduced for early commencement.

A participant who completes less than five years of vesting service and who has not attained age 55 while employed by the Company is not entitled to a benefit under the Plan. A Participant becomes fully vested upon attainment of age 55 while employed by the Company or completion of five years of vesting service, whichever occurred first.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

Termination of the Plan

Although it has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in the ERISA.

In the event the Plan terminates, the net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, generally to provide the following benefits in the order indicated:

- a. Annuity benefits which former participants or their beneficiaries have been receiving for at least three years, or employees eligible to retire for that three-year period would have been receiving if they had retired with benefits in the normal form of annuity under the Plan. The priority amount is limited to the lowest benefit which was payable (or would have been payable) during those three years. The amount is further limited to the lowest benefit which would be payable under the Plan provisions in effect at any time during the five years preceding Plan termination;
- b. Other vested benefits insured by the Pension Benefit Guaranty Corporation ("PBGC") (a U.S. government agency) up to the applicable limitations (discussed below);
- c. All other vested benefits (vested benefits not insured by the PBGC);
- d. All non-vested benefits.

Certain benefits under the Plan are insured by the PBGC if the Plan terminates. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivors' pensions. However, the PBGC does not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination.

Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations and may also depend on the financial condition of the Company and the level of benefits guaranteed by the PBGC.

2. Summary of Significant Accounting Policies

Basis of Presentation

The financial statements of the Plan reflect transactions on the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires plan management to make estimates and assumptions which affect the reported amounts of assets and liabilities and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits at the date of the financial statements. Actual results could differ from those estimates.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

Plan contributions are made and the actuarial present value of accumulated plan benefits is reported based on certain assumptions pertaining to interest rates, inflation rates, and employee compensation and demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible changes in these estimates and assumptions in the near-term could be material to the financial statements.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market, currency exchange rate, and credit risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near-term and such changes could materially affect the amounts reported by the Plan.

The Plan invests in securities with contractual cash flows, such as futures contracts, forward contracts, credit default swaps, interest rate swaps and options. The value, liquidity and related income of these securities are sensitive to changes in economic conditions, delinquencies and/or defaults, and may be adversely affected by a shift in the market's perception of the issuers and changes in interest rates.

Investment Valuation and Income Recognition

Investments are reported at fair value. Fair value is the price which would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Investment Committee determines the Plan's investment valuation policies, utilizing information provided by the investment advisors and Trustee. See Note 5 for a discussion of fair value measurements.

Interest income is recorded on the accrual basis, and dividends are recorded on the ex-dividend date. Purchases and sales of investments are recorded on a trade-date basis. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Funding Policy

The Company contributes to the Plan at such times and in such amounts as considered necessary so contributions are sufficient to provide benefits as actuarially calculated under the terms of the Plan. The Company's current funding policy is to make contributions with the goal of eliminating the PBGC variable rate premium.

Contributions to the Plan are designed to fund at least the minimum required contributions as specified by ERISA and determined under IRC section 430(a). The minimum contribution is determined as of the beginning of the plan year, and all contributions are discounted at the effective interest rate from the date funded to the beginning of the plan year. The Company may elect to use all or a portion of any funding standard carryover balance or prefunding balance to offset the minimum required contribution for a plan year depending on the Plan's funded status.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

The Plan is “not-at-risk” for 2022, thus allowing the use of a more favorable interest rate corridor in determining the minimum required contribution. Adjustment to the statutory interest rates specified under IRC section 430 were first introduced by the Moving Ahead for Progress in the 21st Century Act (“MAP-21”) and subsequently modified by the Highway and Transportation Funding Act of 2014 (“HATFA”).

The Plan met all minimum funding requirements. Under the law, the minimum required contribution for the 2022 and 2021 plan years, respectively, was \$0 and \$13,656,787. The minimum contribution for the 2021 plan year was satisfied fully by an application of prefunding balances. Therefore, there were no contributions made to the Plan during the years ended December 31, 2022 and 2021.

Benefit restrictions under IRC section 436 depend on the Plan’s Adjusted Funding Target Attainment Percentage (“AFTAP”). For 2022 and 2021, the Plan’s AFTAP was 138.09 percent and 118.84 percent, respectively. As this exceeded 90 percent and the plan sponsor is not in bankruptcy, there were no restrictions on amendments increasing benefits, accelerated payments, or future accruals.

The American Rescue Plan Act of 2021 provided a range of options for the effective date of alternative interest rate stabilization rules and a 15-year amortization period for any shortfall amortization basis. The Plan elected to: 1) First apply the alternative interest rates for minimum funding for the January 1, 2021 plan year, and 2) apply the 15-year amortization period for the January 1, 2021 plan year.

Payment of Benefits

Benefits are recorded when paid by the Plan.

Administrative Expenses

The Company pays a portion of the costs and expenses incurred in administering the Plan, with the Plan paying the remaining costs and expenses. The Company provides accounting and other services for the Plan at no cost to the Plan. Expenses paid directly by the Company are excluded from these financial statements, unless reimbursed by the Plan.

Tax Status

The Internal Revenue Service determined and informed the Company by a letter dated July 16, 2015, the Plan is designed in accordance with the applicable requirements of the IRC. The Plan has been amended since receiving the determination letter; however, the Plan Administrator believes the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC, and therefore believes that the Plan is tax-exempt.

The Plan Administrator has evaluated the Plan’s tax positions and concluded the Plan had taken no uncertain tax positions which would require adjustment to the financial statements or disclosures. Therefore, no provision or liability for income taxes has been included in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax years in progress.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

Subsequent Events

The Plan Administrator evaluated subsequent events and transactions through October 6, 2023, the date which the financial statements were available to be issued. No events require recognition or disclosure, except as disclosed below.

Effective January 3, 2023 and April 1, 2023, the Company and the Rio Tinto America Inc. Pension Investment Committee appointed The Northern Trust Company (“Northern Trust”) to be the trustee of the RTA Trust and to invest and manage assets, and to process benefit payments, respectively. Assets were transferred in-kind to Northern Trust in January 2023.

3. Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments, including lump-sum distributions, attributable under the Plan’s provisions to the service employees have rendered. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees with vested rights or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. Benefits payable under all circumstances—retirement, death, disability and termination of employment—are included to the extent they are deemed attributable to employee service rendered prior to the valuation date.

The actuarial present value of accumulated plan benefits was calculated by consulting actuaries and is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal or retirement) between the valuation date and the expected future payment dates.

The actuarial valuation was done by using the beginning-of-the-year method; therefore, the accumulated plan benefits as of December 31, 2021, are presented from information provided by the actuary as of January 1, 2022. There were no significant changes in the Plan’s provisions or coverage from December 31, 2021 to January 1, 2022.

The more significant assumptions underlying the actuarial computations as of December 31, 2021, are as follows:

Investment return	4.40% per annum
Mortality table used	Pri-2012 white collar table with generational mortality projected by Scale MP-2021, reflecting Aon’s endemic adjustment for COVID-19, for salaried participants; Pri-2012 blue collar table with generational mortality projected by Scale MP-2021, reflecting Aon’s endemic adjustment for COVID-19, for hourly participants
Retirement rates and average retirement age	Rates increasing from 2% to 100% between ages 50 and 70, and an average retirement age from 60-65 based on the former plans for active and terminated vested participants
Withdrawal rates	Rates for pre-retirement ages that vary by age and employee group.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

The foregoing actuarial assumptions are based on the presumption the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

The actuarial present value of accumulated plan benefits as of December 31, 2021, is summarized as follows:

Actuarial present value for accumulated plan benefits:	
Vested benefits:	
Participants currently receiving benefits	\$ 412,031,880
Other participants	349,412,857
	761,444,737
Nonvested benefits	16,533,263
Total actuarial present value of accumulated plan benefits, at December 31, 2021	\$ 777,978,000

Below is a summary of significant changes in the actuarial present value of accumulated plan benefits for the year ended December 31, 2021:

Actuarial present value for accumulated plan benefits, at beginning of year	\$ 807,868,962
Increase (decrease) during the year attributed to:	
Benefits paid	(41,684,896)
Interest accumulation	32,276,671
Plan amendments	633,606
Change in actuarial assumptions*	(32,648,547)
Other changes**	11,532,204
Net change	(29,890,962)
Actuarial present value of accumulated plan benefits, at end of year	\$ 777,978,000

*The most significant changes in actuarial assumptions were the following: a change in the Investment Return from 4.10 percent to 4.40 percent; a change in the mortality assumption from the Pri-2012 white collar table with generational mortality projected by Scale MP-2021 for salaried participants and the Pri-2012 blue collar table with generational mortality projected by Scale MP-2021 for hourly participants to reflecting Aon's endemic adjustment for COVID-19 for both of the tables; a change in the salary scale assumption from 3.60 percent to 3.90 percent; a change in the future wage indices from 2.60 percent to 2.90 percent; and a change in the inflation assumption from 2.10 percent to 2.40 percent.

**The other changes component represents the normal operation of the pension plan. The normal operation of the pension plan consists primarily of the increase due to the ongoing benefit accruals (if any) and those items of plan experience that are not associated with plan asset performance.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

4. Certified Investment Information

Certain information related to investments disclosed in the accompanying financial statements, including investments held at December 31, 2022 and 2021 and net appreciation (depreciation) in fair value of investments, interest and dividends for the years ended December 31, 2022 and 2021 (except for investments of approximately \$207,000,000 and \$236,000,000, respectively, in partnerships, joint ventures and the real estate commingled fund and the related income or loss associated with those investments) was certified as complete and accurate by the Trustee, a qualified institution. This financial information was obtained or derived from the certified trust statements in accordance with ERISA Section 103 (a)(3)(C), pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

At the request of the Plan Administrator, the Plan's independent auditors did not perform auditing procedures with respect to this certified investment information, except for comparing the certified investment information with the related information presented and disclosed in the financial statements and supplemental schedules, reading the disclosures relating to the investment information to assess whether they are in accordance with the presentation and disclosure requirements of GAAP and whether the supplemental schedules are in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

5. Fair Value Measurements

Accounting guidance provides the framework for measuring fair value. That framework provides a fair value hierarchy which prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described below:

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2: Inputs to the valuation methodology include quoted market prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; and inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The assets or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets within the RTA Trust measured at fair value. There have been no significant changes in the methodologies used at December 31, 2022 and 2021.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

Fixed-Income Securities

Fixed-income securities consist of U.S. and foreign government securities, mortgage-backed securities, options, corporate bonds and other obligations. These securities are valued based on pricing matrices or models from pricing vendors used by the Trustee. Commingled funds are valued based on the net asset value ("NAV") of units held at year-end as provided by the fund administrator.

Common and Preferred Stocks

Common and preferred stocks are valued based on the last sales price on the primary exchange.

Partnerships/Joint Ventures/Real Estate

Partnerships/joint ventures/real estate investments are valued based on the estimated fair value of the participation owned by the Plan as determined by the general partner or investment manager of the respective partnership. The NAV of these investments is based on the fair value of the underlying investments. The fair value of the underlying investments is estimated using techniques that may rely heavily on the investment managers' assumptions and qualitative observations. The valuation inputs for the underlying investments are derived primarily from estimated future cash flows, market rates for real estate assets, market interest rates, interest spreads, credit risk, liquidity and other financial data. The Trustee uses the fair valuations from the investment managers and the Investment Committee reviews and validates their valuation methods and processes throughout the year. The Trustee did not make any adjustments to any valuations. The Investment Committee establishes and follows valuation policies and procedures, and periodically evaluates the fair valuation policies and procedures of the specialized investment consultants who perform the valuations and requests and reviews the valuation policies of the investment managers and general partners annually.

This category includes 15 limited partnership funds as of December 31, 2022 and 2021. They are comprised of limited partnerships that invest in private equity, both domestically and internationally. Certain of these investments are considered illiquid and are meant to be held for the life of the funds but, if necessary, sales can be arranged through the secondary market. Distributions are received through the liquidation of the underlying assets of the funds. It is estimated that the underlying assets will be liquidated over the next several years, but no later than 8 years. Unfunded commitments of the Plan as of December 31, 2022 and 2021 approximate \$16 million and \$29 million, respectively, for these funds.

This category also includes 5 and 6 investments in domestic and international real estate fund limited partnerships and one commingled real estate fund, for the years ended December 31, 2022 and 2021. The fair value of the limited partnerships is estimated using the NAV of the Plan's and ownership interest in partners' capital. The valuation inputs of these investments are derived from third-party appraisals. Certain of these investments are considered illiquid, but sales can be arranged on the secondary market. Distributions from each fund are received as income is generated through the investments and as the underlying assets of the funds are liquidated. It is estimated that the underlying assets will be liquidated over the next several years, but no later than 5 years. Unfunded commitments of the Plan as of December 31, 2022 and 2021 approximate \$1 million and \$2 million, respectively, for these 5 investments. The commingled real estate fund is valued based on the NAV of units held at year-end as provided by the fund manager.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

Interest-Bearing Cash and Cash Equivalents

Interest-bearing cash is valued at cost plus accrued income, which approximates fair value measured by similar assets in active markets.

Loans Secured by Mortgages

Loans secured by mortgages are valued on the basis of their principal and interest payments discounted at prevailing interest rates for similar investments.

Derivatives and Cash Collateral

Futures contracts, credit default swaps, interest rate swaps, and other derivatives are valued based on pricing matrices or models from pricing vendors used by the Trustee. See Note 7 for additional disclosures.

The following table set forth by level, within the fair value hierarchy, the Plan's fair value measurements.

Investments at Fair Value as of December 31, 2022				
Asset Category:	Level 1	Level 2	Level 3	Total
Fixed income investments				
Corporate bonds	\$ -	\$ 290,007,360	\$ -	\$ 290,007,360
Foreign government securities	-	12,443,219	-	12,443,219
U.S. government securities	-	267,500,483	-	267,500,483
Derivatives	-	70,471,380	-	70,471,380
Common stocks	19	-	-	19
Limited partnerships / real estate funds	-	-	155,450,990	155,450,990
Real estate commingled fund	-	-	51,520,198	51,520,198
Interest-bearing cash and cash equivalents	-	9,846,145	-	9,846,145
Loans secured by mortgages	-	32,443,994	-	32,443,994
Preferred stocks	-	2,165,180	-	2,165,180
Cash collateral	-	12,530,000	-	12,530,000
Total assets in the fair value hierarchy	\$ 19	\$ 697,407,761	\$ 206,971,188	\$ 904,378,968

Investments measured at NAV as a practical expedient (a) :

Fixed income investments, Commingled funds	\$ 3,327,402
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Total investments measured at NAV as a practical expedient	\$ 3,327,402
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Total investment assets at fair value	\$ 907,706,370
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Liability Category:	Level 1	Level 2	Level 3	Total
Fixed income investments:				
Derivatives	-	\$ (76,873,650)	-	\$ (76,873,650)
Total investment liabilities at fair value	-	\$ (76,873,650)	-	\$ (76,873,650)

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

Investments at Fair Value as of December 31, 2021

Asset Category:	Level 1	Level 2	Level 3	Total
Fixed income investments				
Corporate bonds	\$ -	\$ 418,232,124	\$ -	\$ 418,232,124
Foreign government securities	-	16,062,311	-	16,062,311
U.S. government securities	-	378,837,415	-	378,837,415
Derivatives	-	142,737,556	-	142,737,556
Common stocks	19	-	-	19
Limited partnerships / real estate funds	-	-	185,306,111	185,306,111
Real estate commingled fund	-	-	50,804,689	50,804,689
Interest-bearing cash and cash equivalents	-	27,559,502	-	27,559,502
Loans secured by mortgages	-	23,373,207	-	23,373,207
Preferred stocks	-	3,123,359	-	3,123,359
Cash collateral	-	7,558,000	-	7,558,000
Total assets in the fair value hierarchy	\$ 19	\$ 1,017,483,474	\$ 236,110,800	\$ 1,253,594,293

Investments measured at NAV as a practical expedient (a) :

Fixed income investments, Commingled funds	\$ 3,469,267
Total investments measured at NAV as a practical expedient	\$ 3,469,267

Total investment assets at fair value \$ 1,257,063,560

Liability Category:	Level 1	Level 2	Level 3	Total
Fixed income investments:				
Derivatives	-	\$ (145,380,590)	-	\$ (145,380,590)
Total investment liabilities at fair value	-	\$ (145,380,590)	-	\$ (145,380,590)

(a) In accordance with Subtopic 820-10, certain investments that are measured at fair value using the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the statements of net assets available for benefits.

The Plan's Level 3 investment activity included purchases of \$4,420,909 and sales of (\$21,913,052) for the year ended December 31, 2022 and purchases of \$5,251,102 and sales of (\$38,576,082) for the year ended December 31, 2021. There were no transfers in or out of Level 3 investments for the years ended December 31, 2022 and 2021.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date and could be material to the Plan's financial statements.

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or valuation techniques may require the transfer of investments from one fair value level to another.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

The Plan follows guidance on how entities should estimate fair value of certain alternative investments. The fair value of investments within the scope of the guidance can be determined using NAV per share as a practical expedient, when fair value is not readily determinable, unless it is probable the investment will be sold at something other than NAV.

The following tables include categories of investments within the Plan that measure NAV per share (or its equivalent) as a practical expedient.

December 31, 2022					
	Fair Value	Unfunded Commitment	Redemption Frequency	Redemption Notice Period	
Asset category:					
Fixed-income investments					
Commingled funds (a)	\$ 3,327,402	\$ -	Immediate	None	

December 31, 2021					
	Fair Value	Unfunded Commitment	Redemption Frequency	Redemption Notice Period	
Asset category:					
Fixed-income investments					
Commingled funds (a)	\$ 3,469,267	\$ -	Immediate	None	

(a) Commingled funds - The objective of these investments is to seek current income and total return by investing in a diversified portfolio of fixed-income investments of varying maturities.

6. Related Party and Party-in-Interest Transactions

The Plan invested in the following investments managed by the Trustee or affiliated companies that qualify as party-in-interest transactions:

December 31,	2022	2021
State Street Bank & Trust Co. Short Term Investment Fund	\$ 9,846,145	\$ 27,559,502
AXA Early Secondary Fund V	7,396,251	8,958,976
AXA Capital Europe	181,410	481,395
State Street Corp JR Subordinated	139,991	154,618
AXA Capital America LP	115,159	424,427
AXA Secondary Fund V	75,420	187,729
State Street Corp Preferred Stock	43,380	49,158
AXA Private Equity Fund	\$ 6,751	\$ 9,853

Fees paid by the Plan for investment-related, administrative and custodial expenses to the Trustee and affiliated companies amounted to approximately \$191,000 and \$250,000, respectively, for the years ended December 31, 2022 and 2021. Fees paid by the Plan during 2022 and 2021 for investment management services were included as a reduction of the return earned on each investment. Certain other administrative functions are performed by officers or employees of the Parent and affiliates, for which no compensation is received from the Plan.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

These transactions are not, however, considered prohibited transactions under Section 408(b) of the ERISA regulations.

7. Derivative Financial Statements

As of December 31, 2022 and 2021, a fixed-income manager of the Plan utilizes derivative financial instruments, including but not limited to, futures contracts, credit default swaps and interest rate swaps. This manager uses these financial instruments to manage exposure to interest rate and credit risks and to achieve the overall desired duration under the Plan's fixed-income mandate. Changes in the fair value (i.e., gains or losses) of the derivatives are recorded in the investment income (loss) in the accompanying Statements of Changes in Net Assets Available for Benefits.

Futures contracts are used to adjust interest rate exposures and replicate government bond positions. Many offer opportunity to outperform due to active management of the liquid portfolio backing the exposure. These contracts are valued using a marked approach based on quoted prices, recent trading activity for identical or similar instruments or broker or dealer quotes with reasonable levels of price transparency.

Credit default swaps are used to manage credit exposure without buying or selling securities outright. Written credit default swaps increase credit exposure ("selling protection"), obligating the portfolio to buy bonds from counterparties in the event of a default. Purchased credit default swaps decrease exposure ("buying protection"), providing the right to "put" bonds to the counterparty in the event of a default.

The maximum potential amount of future payments (undiscounted) that the Plan as a seller of protection could be required to make under a credit default swap agreement would be an amount equal to the notional amount of the agreement. Notional amounts of all credit default swap agreements outstanding as of December 31, 2022 and 2021, for which the Plan is a seller of protection, are disclosed below. These potential amounts would be partially offset by any recovery values of the respective referenced obligations, up-front payments received upon entering into the agreement, or net amounts received from the settlement of buy protection credit default swap agreements entered into by the Plan for the same referenced entity or entities.

Interest rate swap agreements involve the exchange by the Plan with a counterparty of their respective commitments to pay or receive interest, e.g., an exchange of floating-rate payments for fixed-rate payments, with respect to the notional amount of principal. These swaps are used to adjust interest rate and yield curve exposure and substitute for physical securities. Long swap positions ("received fixed") increase exposure to long-term interest rates; short positions ("pay fixed") decrease exposure. Notional amounts of all interest rate swap agreements outstanding as of December 31, 2022 and 2021, are disclosed below.

The notional values of futures contracts, credit default swaps and interest rate swaps, which are summarized below, provide an indication of the extent of the Plan's involvement in such instruments. Notional amounts of derivative financial instruments do not necessarily represent amounts exchanged by parties and, therefore, are not a direct measure of the Plan's exposure from its use of derivatives.

Rio Tinto America Inc. Retirement Plan

Notes to Financial Statements

The gross and net fair value of the other derivatives held by the Plan and Master Trust as of December 31, 2022 and 2021, respectively, were not material, and were not included in the tables below.

	As of December 31, 2022			For the Year Ended December 31, 2022	Classification of Gain (Loss)
	Notional Amount	Assets	Liabilities	Gain (Loss)	
Futures Contracts	\$ 7,476,167	\$ (1,327,779)	\$ -	\$ (126,324)	Interest Income
Credit Default Swaps	(72,657)	28,347,956	(28,416,749)	20,247	Interest Income
Interest Rate Swaps	50,917	34,024,985	(33,980,108)	(1,105,584)	Interest Income
Total	\$ 7,454,427	\$ 61,045,162	\$ (62,396,857)	\$ (1,211,661)	

	As of December 31, 2021			For the Year Ended December 31, 2021	Classification of Gain (Loss)
	Notional Amount	Assets	Liabilities	Gain (Loss)	
Futures Contracts	\$ 46,487,513	\$ 238,397	\$ 136,328	\$ (122,343)	Interest Income
Credit Default Swaps	1,046,185	66,373,220	(65,321,364)	493,707	Interest Income
Interest Rate Swaps	(2,236,449)	74,381,544	(76,626,485)	(2,069,771)	Interest Income
Total	\$ 45,297,249	\$ 140,993,161	\$ (141,811,521)	\$ (1,698,407)	

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
Non Interest-Bearing Cash				
ARGENTINE PESO		377,900	140,476	
AUSTRALIAN DOLLAR		46,457	46,537	
BRAZILIAN REAL		0	-	
CANADIAN DOLLAR		696	703	
YUAN RENMINBI OFFSHORE		3,005,312	2,762,039	
YUAN RENMINBI		(2,920,720)	(2,748,987)	
EURO CURRENCY		(124,143)	(129,940)	
POUND STERLING		(66,371)	(76,028)	
HUNGARIAN FORINT		254,354	234,992	
JAPANESE YEN		522	447	
SOUTH KOREAN WON		-	-	
MEXICAN PESO (NEW)		426,925	438,007	
NORWEGIAN KRONE		257	256	
RUSSIAN RUBLE		99,095	85,468	
SINGAPORE DOLLAR		2,404	2,403	
US DOLLAR		2,178,433	2,178,433	
SOUTH AFRICAN RAND		143,514	144,193	
CANADIAN DOLLAR		2,599	2,546	
EURO CURRENCY		949,680	904,637	
US DOLLAR		982,251	982,251	
Total Non Interest-Bearing Cash			4,968,433	
Forwards				
AUSTRALIAN DOLLAR			4,811	
AUSTRALIAN DOLLAR			179	
BRAZILIAN REAL			(2,240)	
BRAZILIAN REAL			8,238	
BRAZILIAN REAL			(7,958)	
SWISS FRANC			20,128	
SWISS FRANC			6,794	
CHILEAN PESO			(41,384)	
CHILEAN PESO			104,680	
CHILEAN PESO			42,120	
COLOMBIAN PESO			9,747	
COLOMBIAN PESO			(1,996)	
COLOMBIAN PESO			(9,472)	
EURO CURRENCY			(100,673)	
EURO CURRENCY			1,157	
EURO CURRENCY			(3,174)	
POUND STERLING			49,877	
INDONESIAN RUPIAH			2,964	
INDONESIAN RUPIAH			1,115	
INDONESIAN RUPIAH			551	
INDONESIAN RUPIAH			1,155	
INDONESIAN RUPIAH			600	
INDONESIAN RUPIAH			305	
INDONESIAN RUPIAH			488	

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party				
Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
		Interest Rate	Cost - Base	Market Value - Base
MEXICAN PESO (NEW)				(42,568)
MEXICAN PESO (NEW)				(1,380)
MEXICAN PESO (NEW)				(6,153)
MEXICAN PESO (NEW)				14,132
MEXICAN PESO (NEW)				691
MEXICAN PESO (NEW)				175
MEXICAN PESO (NEW)				(29,143)
MEXICAN PESO (NEW)				55
NORWEGIAN KRONE				5,063
NORWEGIAN KRONE				12,158
SOL				10,939
SOL				(110,280)
SOL				45,965
SOUTH AFRICAN RAND				(3,681)
SOUTH AFRICAN RAND				(15,212)
SOUTH AFRICAN RAND				(1,731)
SOUTH AFRICAN RAND				(15,117)
SOUTH AFRICAN RAND				(1,088)
SOUTH AFRICAN RAND				(5,089)
SOUTH AFRICAN RAND				(33,943)
SOUTH AFRICAN RAND				(39,499)
SOUTH AFRICAN RAND				234
Total Forwards				(127,460)
Other Investments - Spot				
EURO CURRENCY		0.000000		1,135
Total Fixed Income - Spot				1,135
Total Cash and Forwards				4,842,108
Interest Bearing Cash				
* STATE STREET BANK + TRUST CO SHORT TERM INVESTMENT FUND		4.481704	0	-
* STATE STREET BANK + TRUST CO SHORT TERM INVESTMENT FUND		4.481704	9,846,145	9,846,145
Total Interest Bearing Cash and Equivalents				9,846,145
Common Stock				
ARCHIBALD CANDY CORP COM		0.000000	-	19
AURORA FOODS INC COM		0.000000	-	-
COMPUTER LEARNING CENTERS COMMON STOCK USD.01		0.000000	19	-
ESCROW LINK COMMUNICATIONS		0.000000	-	-
ESCROW LINK COMMUNICATIONS DTC ESCROW		0.000000	-	-
Total Common Stock				19
Fixed Income				
* STATE STREET CORP JR SUBORDINA 12/99 VAR		5.625000	150,000	139,991
AMERICAN AIRLINES, INC. 2021 TERM LOAN		0.000000	396,000	398,938
ARCHES BUYER INC 2021 TERM LOAN B		0.000000	863,280	809,600

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
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AVOLON TLB BORROWER 1 (US) LLC 2021 TERM LOAN B5		0.000000	873,180	881,608
DT MIDSTREAM INC TERM LOAN B		0.000000	119,199	120,136
DIAMOND SPORTS GROUP LLC 2022 FIRST PRI TERM LOAN		0.000000	112,128	116,455
EW SCRIPPS COMPANY THE 2019 TERM LOAN B2		0.000000	96,032	95,103
GIP II BLUE HOLDING L P TERM LOAN B		0.000000	995,052	1,003,154
IRB HOLDING CORP 2022 TERM LOAN B		0.000000	1,069,943	1,050,489
MH SUB I LLC AMENDMENT NO. 2 INITIAL TERM		0.000000	283,421	276,749
LEVEL 3 FINANCING INC 2019 TERM LOAN B		0.000000	470,545	452,102
UNITED AIRLINES, INC. 2021 TERM LOAN B		0.000000	977,588	972,881
JAZZ FINANCING LUX SARL USD TERM LOAN		0.000000	353,514	352,709
SETANTA AIRCRAFT LEASING DAC TERM LOAN B		0.000000	798,000	797,600
CARNIVAL CORPORATION 2021 INCREMENTAL TERM LOAN B		0.000000	1,871,595	1,766,259
AEP TEXAS INC SR UNSECURED 07/30 2.1		2.100000	189,374	163,145
AEP TRANSMISSION CO LLC SR UNSECURED 09/48 4.25		4.250000	825,489	592,111
AIA GROUP LTD SR UNSECURED 144A 04/30 3.375		3.375000	299,118	265,035
AMC NETWORKS INC COMPANY GUAR 02/29 4.25		4.250000	600,000	374,741
AP MOLLER MAERSK A/S SR UNSECURED 144A 06/29 4.5		4.500000	298,164	286,237
AMERICAN AIRLINES/AADVANT SR SECURED 144A 04/26 5.5		5.500000	1,821,500	1,733,640
ABBOTT LABORATORIES SR UNSECURED 11/36 4.75		4.750000	85,719	69,951
ABBVIE INC SR UNSECURED 05/35 4.5		4.500000	521,600	447,645
ABBVIE INC SR UNSECURED 05/46 4.45		4.450000	297,984	260,951
ABBVIE INC SR UNSECURED 03/35 4.55		4.550000	276,320	221,577
ACTIVISION BLIZZARD SR UNSECURED 06/47 4.5		4.500000	220,053	176,512
ACTIVISION BLIZZARD SR UNSECURED 09/50 2.5		2.500000	422,095	311,727
ADANI ELECTRICITY MUMBAI SR SECURED 144A 02/30 3.949		3.949000	400,000	306,451
AERCAP IRELAND CAP/GLOBA COMPANY GUAR 01/25 3.5		3.500000	194,388	190,689
AERCAP IRELAND CAP/GLOBA COMPANY GUAR 02/24 3.15		3.150000	1,986,580	1,934,892
AERCAP IRELAND CAP/GLOBA COMPANY GUAR 10/28 3		3.000000	1,397,452	1,177,811
ALABAMA POWER CO SR UNSECURED 07/48 4.3		4.300000	297,741	253,179
ALEXANDRIA REAL ESTATE E COMPANY GUAR 08/31 3.375		3.375000	367,279	320,688
ALEXANDRIA REAL ESTATE E COMPANY GUAR 02/50 4		4.000000	358,156	249,751
ALEXANDRIA REAL ESTATE E COMPANY GUAR 12/30 4.9		4.900000	843,248	685,195
ALIBABA GROUP HOLDING SR UNSECURED 12/57 4.4		4.400000	913,700	619,842
ALIBABA GROUP HOLDING SR UNSECURED 02/51 3.15		3.150000	299,943	189,865
AMAZON.COM INC SR UNSECURED 05/41 2.875		2.875000	1,195,476	905,639
AMEREN ILLINOIS CO 1ST MORTGAGE 03/49 4.5		4.500000	463,289	346,293

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AMERICAN ASSETS TRUST LP COMPANY GUAR 02/31 3.375		3.375000	1,187,220	957,482
AMERICAN EXPRESS CO JR SUBORDINA 12/99 VAR		3.550000	2,700,000	2,224,800
AMERICAN FINANCIAL GROUP SR UNSECURED 06/47 4.5		4.500000	611,330	480,901
AMERICAN INTL GROUP SR UNSECURED 07/45 4.8		4.800000	694,827	635,770
AMERICAN TOWER CORP SR UNSECURED 10/26 3.375		3.375000	297,012	281,248
AMERICAN TOWER CORP SR UNSECURED 01/27 3.125		3.125000	199,866	183,775
AMERICAN TOWER CORP SR UNSECURED 03/29 3.95		3.950000	197,834	184,923
AMERICAN TOWER CORP SR UNSECURED 08/29 3.8		3.800000	621,654	547,063
AMERICAN TOWER CORP SR UNSECURED 10/49 3.7		3.700000	1,248,610	862,881
AMERICAN TOWER CORP SR UNSECURED 06/30 2.1		2.100000	1,106,956	915,670
AMERICAN TOWER CORP SR UNSECURED 09/31 2.3		2.300000	1,591,104	1,252,219
AMERICAN TOWER CORP SR UNSECURED 03/27 3.65		3.650000	696,619	655,801
AMERICAN TRANSMISSION SY SR UNSECURED 144A 09/44 5		5.000000	99,007	91,889
AMERICAN TRANSMISSION SY SR UNSECURED 144A 01/32 2.65		2.650000	598,344	495,705
AMERICAN WATER CAPITAL C SR UNSECURED 09/47 3.75		3.750000	58,753	43,411
AMERICAN WATER CAPITAL C SR UNSECURED 06/49 4.15		4.150000	79,264	58,511
AMGEN INC SR UNSECURED 10/41 4.95		4.950000	310,506	276,975
AMGEN INC SR UNSECURED 11/41 5.15		5.150000	667,557	473,027
AMGEN INC SR UNSECURED 05/45 4.4		4.400000	66,546	50,739
AMGEN INC SR UNSECURED 09/53 2.77		2.770000	680,113	424,893
ANHEUSER BUSCH INBEV WOR COMPANY GUAR 01/39 5.45		5.450000	299,166	302,241
ANHEUSER BUSCH INBEV WOR COMPANY GUAR 01/49 5.55		5.550000	613,624	476,702
ANHEUSER BUSCH INBEV WOR COMPANY GUAR 04/38 4.375		4.375000	244,559	198,519
ANHEUSER BUSCH INBEV WOR COMPANY GUAR 04/48 4.6		4.600000	577,512	480,194
ELEVANCE HEALTH INC SR UNSECURED 12/47 4.375		4.375000	419,147	346,622
ELEVANCE HEALTH INC SR UNSECURED 03/48 4.55		4.550000	393,854	353,591
AON CORP/AON GLOBAL HOLD COMPANY GUAR 12/31 2.6		2.600000	199,842	164,372
APTIV PLC COMPANY GUAR 03/49 5.4		5.400000	199,116	171,959
ARCH CAPITAL GROUP LTD SR UNSECURED 06/50 3.635		3.635000	245,487	171,404
ARES FINANCE CO II LLC COMPANY GUAR 144A 06/30 3.25		3.250000	199,542	165,912
ARIZONA PUBLIC SERVICE SR UNSECURED 05/50 3.35		3.350000	249,006	166,468
AVOLON HOLDINGS FNDG LTD COMPANY GUAR 144A 02/25 2.875		2.875000	299,643	277,234
EQUITABLE HOLDINGS INC SR UNSECURED 04/48 5		5.000000	199,414	177,260
BAE SYSTEMS PLC SR UNSECURED 144A 04/30 3.4		3.400000	198,592	177,373
BAT CAPITAL CORP COMPANY GUAR 08/47 4.54		4.540000	213,903	160,937
BAT CAPITAL CORP COMPANY GUAR 09/49 4.758		4.758000	369,270	274,988

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party				
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BGC PARTNERS INC SR UNSECURED 07/23 5.375		5.375000	497,580	497,732
BANCOLOMBIA SA SUBORDINATED 12/29 VAR		4.625000	400,000	352,218
BANCO BTG PACTUAL/CAYMAN SR UNSECURED 144A 01/25 4.5		4.500000	303,000	289,563
BANCO SANTANDER SA SR UNSECURED 06/29 3.306		3.306000	107,900	91,877
BANCO SANTANDER SA SR UNSECURED 05/25 2.746		2.746000	2,200,000	2,061,026
BANK OF AMERICA CORP JR SUBORDINA 12/99 VAR		5.875000	398,726	352,764
BANK OF AMERICA CORP SR UNSECURED 12/28 VAR		3.419000	2,142,645	2,039,593
BANK OF AMERICA CORP SR UNSECURED 04/40 VAR		4.078000	510,872	385,428
BANK OF AMERICA CORP SR UNSECURED 10/30 VAR		2.884000	319,994	269,105
BANK OF AMERICA CORP SR UNSECURED 04/42 VAR		3.311000	1,300,000	965,018
BANK OF AMERICA CORP SR UNSECURED 07/52 VAR		2.972000	3,600,000	2,282,598
BANK OF AMERICA CORP SR UNSECURED 04/33 VAR		4.571000	1,500,000	1,381,927
BACARDI LTD COMPANY GUAR 144A 05/38 5.15		5.150000	398,552	364,988
BARCLAYS PLC JR SUBORDINA 12/99 VAR		8.000000	1,200,000	1,168,927
BARCLAYS PLC SUBORDINATED 06/30 VAR		5.088000	555,602	462,691
BARRICK NA FINANCE LLC COMPANY GUAR 09/38 7.5		7.500000	206,736	172,232
BAYER US FINANCE II LLC COMPANY GUAR 144A 12/28 4.375		4.375000	295,596	283,430
BAYER US FINANCE II LLC COMPANY GUAR 144A 06/48 4.875		4.875000	199,312	174,789
BERKSHIRE HATHAWAY ENERG SR UNSECURED 02/45 4.5		4.500000	346,994	308,435
BERKSHIRE HATHAWAY ENERG SR UNSECURED 07/48 3.8		3.800000	495,885	388,627
BLACK HILLS CORP SR UNSECURED 09/46 4.2		4.200000	201,592	154,040
BLACKSTONE HOLDINGS FINA COMPANY GUAR 144A 04/33 6.2		6.200000	1,098,108	1,116,003
BLOCK FINANCIAL LLC COMPANY GUAR 07/28 2.5		2.500000	1,194,484	1,024,063
BLUE OWL FINANCE LLC COMPANY GUAR 144A 02/32 4.375		4.375000	691,355	563,067
BNP PARIBAS SR UNSECURED 144A 01/31 VAR		3.052000	2,800,000	2,309,371
BOEING CO SR UNSECURED 03/47 3.65		3.650000	104,044	68,011
BOEING CO SR UNSECURED 02/50 3.75		3.750000	187,409	128,775
BOEING CO SR UNSECURED 08/59 3.95		3.950000	178,798	112,406
BOEING CO SR UNSECURED 02/28 3.25		3.250000	1,999,560	1,828,075
BOSTON SCIENTIFIC CORP SR UNSECURED 03/39 4.55		4.550000	379,283	293,769
BOSTON SCIENTIFIC CORP SR UNSECURED 06/30 2.65		2.650000	1,198,212	1,030,846
BRISTOL MYERS SQUIBB CO SR UNSECURED 10/49 4.25		4.250000	495,790	436,815
BRISTOL MYERS SQUIBB CO SR UNSECURED 11/47 4.35		4.350000	99,733	88,916
BRITISH TELECOMMUNICATIO SR UNSECURED 12/30 9.625		9.625000	141,546	120,356
BROADCOM INC COMPANY GUAR 11/30 4.15		4.150000	703,219	633,426
BROADCOM INC COMPANY GUAR 144A 02/33 2.6		2.600000	99,824	75,641

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BROADCOM INC SR UNSECURED 144A 04/34 3.469		3.469000	1,074,131	852,553
BROADCOM INC SR UNSECURED 144A 11/35 3.137		3.137000	188,742	140,927
BROADCOM INC SR UNSECURED 144A 11/36 3.187		3.187000	783,688	571,729
BROADCOM INC SR UNSECURED 144A 05/37 4.926		4.926000	953,368	837,940
BROOKFIELD FINANCE INC COMPANY GUAR 09/47 4.7		4.700000	300,401	241,458
BROOKFIELD FINANCE INC COMPANY GUAR 04/30 4.35		4.350000	1,098,883	1,005,486
BROOKFIELD FINANCE INC COMPANY GUAR 02/52 3.625		3.625000	1,098,988	724,454
BROOKFIELD PPTY REIT INC SR SECURED 144A 05/26 5.75		5.750000	100,000	91,319
BURLINGTON NORTH SANTA FE SR UNSECURED 09/44 4.55		4.550000	70,933	54,871
CDW LLC/CDW FINANCE COMPANY GUAR 12/31 3.569		3.569000	500,000	412,122
CF INDUSTRIES INC COMPANY GUAR 06/43 4.95		4.950000	954,000	690,461
CF INDUSTRIES INC COMPANY GUAR 03/44 5.375		5.375000	492,000	363,857
CIGNA GROUP/THE COMPANY GUAR 12/48 4.9		4.900000	713,988	561,503
CME GROUP INC SR UNSECURED 09/43 5.3		5.300000	524,120	523,850
CVS PASS THROUGH TRUST PASS THRU CE 01/30 6.943		6.943000	560,939	505,254
CVS HEALTH CORP SR UNSECURED 07/45 5.125		5.125000	40,215	31,928
CVS HEALTH CORP SR UNSECURED 03/28 4.3		4.300000	291,623	260,160
CVS HEALTH CORP SR UNSECURED 03/48 5.05		5.050000	574,774	494,435
CVS HEALTH CORP SR UNSECURED 08/29 3.25		3.250000	86,191	76,425
CAMERON LNG LLC SR SECURED 144A 07/31 2.902		2.902000	599,319	509,423
CAMPBELL SOUP CO SR UNSECURED 03/48 4.8		4.800000	116,845	107,612
CAMPBELL SOUP CO SR UNSECURED 04/50 3.125		3.125000	598,374	412,358
CANTOR FITZGERALD LP SR UNSECURED 144A 04/27 4.5		4.500000	199,362	185,859
CARLYLE FINANCE LLC COMPANY GUAR 144A 09/48 5.65		5.650000	299,742	270,063
CELGENE CORP SR UNSECURED 11/47 4.35		4.350000	126,662	77,771
CELLNEX FINANCE COMPANY GUAR 144A 07/41 3.875		3.875000	691,068	479,812
CELULOOSA ARAUCO CONSTITU SR UNSECURED 11/47 5.5		5.500000	199,416	178,689
CENTENE CORP SR UNSECURED 12/27 4.25		4.250000	297,480	282,294
CENTENE CORP SR UNSECURED 07/28 2.45		2.450000	400,000	338,057
CENTERPOINT ENERGY INC JR SUBORDINA 12/99 VAR		6.125000	200,000	188,125
CENTERPOINT ENERGY RES SR UNSECURED 09/47 4.1		4.100000	198,834	162,766
CHARTER COMM OPT LLC/CAP SR SECURED 05/47 5.375		5.375000	300,339	237,775
CHARTER COMM OPT LLC/CAP SR SECURED 04/48 5.75		5.750000	379,880	331,415
CHARTER COMM OPT LLC/CAP SR SECURED 06/62 3.95		3.950000	1,289,418	777,403
CHENIERE CORP CHRISTI HD SR SECURED 06/27 5.125		5.125000	500,000	495,455
CITIGROUP INC JR SUBORDINA 07/49 VAR		5.950000	600,000	595,650
CITIGROUP INC JR SUBORDINA 12/49 VAR		6.300000	200,000	189,400

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CITIGROUP INC JR SUBORDINA 12/49 VAR	5.950000	332,200	297,375	
CITIGROUP INC SR UNSECURED 07/28 VAR	3.668000	500,000	461,116	
CITIGROUP INC SR UNSECURED 10/28 VAR	3.520000	146,661	128,173	
CITIGROUP INC SR UNSECURED 01/39 VAR	3.878000	215,388	166,921	
CITIGROUP INC SR UNSECURED 04/29 VAR	4.075000	500,000	461,781	
CITIGROUP INC SR UNSECURED 03/30 VAR	3.980000	48,763	40,776	
CITIGROUP INC JR SUBORDINA 12/99 VAR	4.700000	700,000	583,591	
CITIGROUP INC SR UNSECURED 04/26 VAR	3.106000	1,900,000	1,798,286	
CITIGROUP INC SR UNSECURED 11/30 VAR	2.976000	200,153	169,047	
CITIZENS FINANCIAL GROUP JR SUBORDINA 12/99 VAR	5.650000	696,950	672,089	
CLECO CORPORATE HOLDINGS SR SECURED 05/46 4.973	4.973000	200,000	170,735	
COMCAST CORP COMPANY GUAR 07/46 3.4	3.400000	90,308	74,031	
COMCAST CORP COMPANY GUAR 11/49 3.999	3.999000	599,675	486,490	
COMCAST CORP COMPANY GUAR 11/56 2.937	2.937000	296,975	187,711	
COMMONSPIRIT HEALTH SR SECURED 10/49 4.187	4.187000	100,000	78,909	
COMMONWEALTH EDISON CO 1ST MORTGAGE 03/48 4	4.000000	519,969	383,159	
CONAGRA BRANDS INC SR UNSECURED 11/38 5.3	5.300000	310,113	287,051	
CONNECTICUT LIGHT + PWR 1ST REF MORT 04/48 4	4.000000	299,271	252,531	
CON EDISON CO OF NY INC SR UNSECURED 12/45 4.5	4.500000	599,400	521,319	
CON EDISON CO OF NY INC SR UNSECURED 11/57 4	4.000000	100,694	76,797	
CON EDISON CO OF NY INC SR UNSECURED 04/50 3.95	3.950000	496,690	401,270	
CONSTELLATION BRANDS INC COMPANY GUAR 05/47 4.5	4.500000	104,807	85,277	
CONSTELLATION BRANDS INC COMPANY GUAR 02/48 4.1	4.100000	390,960	310,647	
CONSTELLATION BRANDS INC COMPANY GUAR 11/48 5.25	5.250000	223,225	175,655	
CONSTELLATION BRANDS INC COMPANY GUAR 08/29 3.15	3.150000	126,347	110,055	
CONSUMERS ENERGY CO 1ST MORTGAGE 05/48 4.05	4.050000	197,942	167,254	
CONTINENTAL RESOURCES COMPANY GUAR 144A 01/31 5.75	5.750000	466,387	373,257	
COX COMMUNICATIONS INC SR UNSECURED 144A 02/35 4.8	4.800000	499,820	446,672	
COX COMMUNICATIONS INC COMPANY GUAR 144A 10/30 1.8	1.800000	598,134	459,146	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/99 VAR	7.500000	1,449,125	1,042,106	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/99 VAR	7.250000	516,500	359,504	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A VAR	6.375000	435,500	287,659	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/99 VAR	5.100000	600,000	348,700	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/49 VAR	6.250000	553,350	394,187	
CREDIT SUISSE AG SUBORDINATED 144A 08/23 6.5	6.500000	704,200	679,494	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/49 VAR	7.500000	438,500	350,400	

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CROWN CASTLE INC SR UNSECURED 05/47 4.75		4.750000	118,267	85,945
CROWN CASTLE INC SR UNSECURED 02/29 4.3		4.300000	108,306	94,878
CROWN CASTLE INC SR UNSECURED 02/49 5.2		5.200000	600,148	546,138
CROWN CASTLE INC SR UNSECURED 01/31 2.25		2.250000	2,395,920	1,936,194
CROWN CASTLE INC SR UNSECURED 01/51 3.25		3.250000	99,786	65,787
CUBESMART LP COMPANY GUAR 12/28 2.25		2.250000	597,090	496,611
DH EUROPE FINANCE II COMPANY GUAR 11/39 3.25		3.250000	105,631	84,856
DH EUROPE FINANCE II COMPANY GUAR 11/49 3.4		3.400000	60,536	45,948
DTE ELECTRIC CO GENL REF MOR 05/48 4.05		4.050000	99,551	84,114
DTE ELECTRIC CO 1ST MORTGAGE 03/31 2.625		2.625000	299,496	256,451
DAIMLER TRUCK FINAN NA COMPANY GUAR 144A 12/26 2		2.000000	597,390	530,124
DAVITA INC COMPANY GUAR 144A 06/30 4.625		4.625000	200,000	160,964
DELL INT LLC / EMC CORP SR UNSECURED 06/26 6.02		6.020000	898,195	921,252
DELL INT LLC / EMC CORP SR UNSECURED 10/26 4.9		4.900000	398,972	394,835
DELL INT LLC / EMC CORP SR UNSECURED 10/29 5.3		5.300000	891,889	884,508
DELTA AIR LINES INC SR UNSECURED 10/29 3.75		3.750000	597,750	499,797
DELTA AIR LINES INC SR UNSECURED 10/24 2.9		2.900000	394,000	379,603
DELTA AIR LINES INC SR UNSECURED 01/26 7.375		7.375000	306,360	282,450
DEPOSITORY TRUST + CLEAR JR SUBORDINA 144A 12/99 VAR		3.375000	250,000	198,125
DEUTSCHE BANK NY SR UNSECURED 11/25 VAR		3.961000	900,000	861,083
DEUTSCHE BANK NY SUBORDINATED 01/32 VAR		3.729000	6,811,581	5,015,926
DEVON ENERGY CORPORATION SR UNSECURED 05/42 4.75		4.750000	229,620	171,237
DIAMOND SPORTS GR/DIAMON SECURED 144A 08/26 5.375		5.375000	200,000	23,750
DIAMONDBACK ENERGY INC COMPANY GUAR 03/31 3.125		3.125000	896,931	749,863
WALT DISNEY COMPANY/THE COMPANY GUAR 10/45 4.95		4.950000	563,786	408,533
TWDC ENTERPRISES 18 CORP COMPANY GUAR 07/46 3		3.000000	192,424	141,609
DISCOVER FINANCIAL SVS JR SUBORDINA 12/99 VAR		5.500000	300,000	239,931
DISCOVERY COMMUNICATIONS COMPANY GUAR 09/47 5.2		5.200000	11,152	7,511
DISCOVERY COMMUNICATIONS COMPANY GUAR 09/55 4		4.000000	493,154	295,117
DISH DBS CORP SR SECURED 144A 12/28 5.75		5.750000	500,000	400,000
DUKE ENERGY CORP SR UNSECURED 12/45 4.8		4.800000	697,648	623,039
DUKE ENERGY CORP SR UNSECURED 08/47 3.95		3.950000	366,072	306,338
DUKE ENERGY CAROLINAS 1ST REF MORT 03/46 3.875		3.875000	168,390	119,495
DUKE ENERGY PROGRESS LLC 1ST MORTGAGE 10/46 3.7		3.700000	698,215	537,215
ELECTRICITE DE FRANCE SA SR UNSECURED 144A 01/44 4.875		4.875000	166,412	117,798
ELECTRICITE DE FRANCE SA SR UNSECURED 144A 10/35 4.75		4.750000	216,193	161,266
ELECTRICITE DE FRANCE SA SR UNSECURED 144A 10/45 4.95		4.950000	644,880	520,112

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
ERAC USA FINANCE LLC COMPANY GUAR 144A 10/37 7	7.000000	130,389	109,536	
ERP OPERATING LP SR UNSECURED 08/47 4	4.000000	97,726	78,140	
ERP OPERATING LP SR UNSECURED 02/30 2.5	2.500000	602,070	503,544	
EPR PROPERTIES COMPANY GUAR 12/26 4.75	4.750000	98,429	90,053	
EPR PROPERTIES SR UNSECURED 08/29 3.75	3.750000	297,504	236,032	
EQM MIDSTREAM PARTNERS L SR UNSECURED 12/26 4.125	4.125000	297,573	267,413	
MORGAN STANLEY DOM HOLD COMPANY GUAR 06/28 4.5	4.500000	99,912	97,607	
EDISON INTERNATIONAL JR SUBORDINA 12/99 VAR	5.000000	400,000	337,000	
KINDER MORGAN ENER PART COMPANY GUAR 11/40 7.5	7.500000	351,918	275,248	
EMERA US FINANCE LP COMPANY GUAR 06/46 4.75	4.750000	305,804	234,786	
ENERGY TRANSFER LP SR UNSECURED 03/27 4.4	4.400000	199,230	190,667	
ENERGY TRANSFER LP SR UNSECURED 02/42 6.5	6.500000	189,312	198,672	
ENERGY TRANSFER LP SR UNSECURED 02/43 5.15	5.150000	312,948	334,294	
ENERGY TRANSFER LP SR UNSECURED 02/33 5.75	5.750000	2,796,948	2,744,798	
ENEL FINANCE INTL NV COMPANY GUAR 144A 10/52 7.75	7.750000	1,518,132	1,725,356	
ENERGY TRANSFER LP SR UNSECURED 04/49 6.25	6.250000	255,591	206,925	
ENLINK MIDSTREAM PARTNER SR UNSECURED 06/47 5.45	5.450000	99,981	80,341	
ENTERGY LOUISIANA LLC COLLATERAL T 04/28 3.25	3.250000	299,970	273,929	
ENTERGY LOUISIANA LLC COLLATERAL T 04/50 4.2	4.200000	397,172	330,143	
ENTERGY MISSISSIPPI LLC 1ST MORTGAGE 06/51 3.5	3.500000	709,639	508,682	
ENTERPRISE PRODUCTS OPER COMPANY GUAR 09/40 6.45	6.450000	120,075	105,299	
ENTERPRISE PRODUCTS OPER COMPANY GUAR 08/77 VAR	7.629860	95,875	90,643	
ENTERPRISE PRODUCTS OPER COMPANY GUAR 02/48 4.25	4.250000	199,730	161,682	
EQUIFAX INC SR UNSECURED 05/30 3.1	3.100000	199,620	169,208	
EQUINIX INC SR UNSECURED 11/29 3.2	3.200000	1,484,252	1,223,606	
ESSEX PORTFOLIO LP COMPANY GUAR 05/27 3.625	3.625000	198,846	187,483	
ESSEX PORTFOLIO LP COMPANY GUAR 01/30 3	3.000000	821,456	680,181	
EVERGY KANSAS CENTRAL 1ST MORTGAGE 04/50 3.45	3.450000	99,591	72,912	
CONSTELLATION EN GEN LLC SR UNSECURED 06/42 5.6	5.600000	672,744	562,110	
EXTRA SPACE STORAGE LP COMPANY GUAR 03/32 2.35	2.350000	399,188	304,783	
EXXON MOBIL CORPORATION SR UNSECURED 08/49 3.095	3.095000	39,722	29,067	
FMR LLC SR UNSECURED 144A 11/39 6.45	6.450000	322,385	258,457	
FACTSET RESEARCH SYSTEMS SR UNSECURED 03/32 3.45	3.450000	199,212	169,323	
FAIRFAX FINL HLDGS LTD SR UNSECURED 04/30 4.625	4.625000	800,000	729,626	
FARMERS INS EXCH SUBORDINATED 144A 11/57 VAR	3.934000	198,990	161,815	
FEDEX CORP COMPANY GUAR 01/44 5.1	5.100000	267,333	215,113	
FEDEX CORP COMPANY GUAR 11/45 4.75	4.750000	396,316	341,375	

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Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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FIRST AMERICAN FINANCIAL SR UNSECURED 08/31 2.4	2.400000	822,165	607,005	
FISERV INC SR UNSECURED 07/29 3.5	3.500000	399,328	361,756	
FIRSTENERGY CORP SR UNSECURED 03/50 3.4	3.400000	499,245	333,388	
FLEX LTD SR UNSECURED 06/25 4.75	4.750000	434,500	393,541	
FLEX LTD SR UNSECURED 05/30 4.875	4.875000	199,124	188,636	
FLORIDA POWER + LIGHT CO 1ST MORTGAGE 03/48 3.95	3.950000	298,380	249,555	
FLORIDA POWER + LIGHT CO 1ST MORTGAGE 10/49 3.15	3.150000	20,078	14,617	
FORD MOTOR CREDIT CO LLC SR UNSECURED 11/23 3.37	3.370000	3,099,628	3,029,828	
FORTRESS TRANS + INFRAST COMPANY GUAR 144A 05/28 5.5	5.500000	703,500	598,101	
FORTUNE BRANDS INNOVATIO SR UNSECURED 06/25 4	4.000000	298,071	292,435	
FOX CORP SR UNSECURED 01/49 5.576	5.576000	262,051	189,574	
FREEDOM MORTGAGE CORP SR UNSECURED 144A 01/27 6.625	6.625000	1,300,000	1,013,351	
GA GLOBAL FUNDING TRUST SECURED 144A 01/26 1.625	1.625000	399,540	355,983	
GATX CORP SR UNSECURED 03/45 4.5	4.500000	103,621	78,213	
GLP CAPITAL LP / FIN II COMPANY GUAR 06/28 5.75	5.750000	934,512	787,561	
GLP CAPITAL LP / FIN II COMPANY GUAR 01/29 5.3	5.300000	399,940	379,186	
ALLY FINANCIAL INC COMPANY GUAR 11/31 8	8.000000	1,132,016	831,287	
ALLY FINANCIAL INC SR UNSECURED 11/31 8	8.000000	781,825	627,284	
GEORGIA POWER CO SR UNSECURED 05/52 5.125	5.125000	1,091,970	1,033,486	
GILEAD SCIENCES INC SR UNSECURED 02/45 4.5	4.500000	108,403	84,667	
GILEAD SCIENCES INC SR UNSECURED 03/46 4.75	4.750000	188,245	158,962	
GLOBAL PAYMENTS INC SR UNSECURED 05/30 2.9	2.900000	299,019	247,394	
GLOBAL PAYMENTS INC SR UNSECURED 08/52 5.95	5.950000	497,790	454,405	
GOLDMAN SACHS GROUP INC SR UNSECURED 05/29 VAR	3.934000	70,901	60,779	
GOLDMAN SACHS GROUP INC SR UNSECURED 04/39 VAR	4.411000	600,000	523,401	
GOLDMAN SACHS GROUP INC JR SUBORDINA 12/99 VAR	3.650000	500,000	405,000	
GOLDMAN SACHS GROUP INC SUBORDINATED 05/45 5.15	5.150000	509,567	390,628	
GOODMAN US FIN THREE COMPANY GUAR 144A 03/28 3.7	3.700000	298,893	271,675	
GOODMAN US FIN FOUR COMPANY GUAR 144A 10/37 4.5	4.500000	299,520	253,533	
GREAT WEST LIFE CO FINANC COMPANY GUAR 144A 06/47 4.15	4.150000	198,436	156,238	
GUARDIAN LIFE INSURANCE SUBORDINATED 144A 01/70 3.7	3.700000	194,354	133,552	
HCA INC COMPANY GUAR 06/47 5.5	5.500000	400,000	358,467	
HCA INC COMPANY GUAR 06/49 5.25	5.250000	295,584	258,334	
HCA INC COMPANY GUAR 07/51 3.5	3.500000	696,507	455,344	
HCA INC COMPANY GUAR 144A 03/52 4.625	4.625000	999,020	788,500	
HSBC HOLDINGS PLC JR SUBORDINA 12/99 VAR	6.500000	2,730,025	2,400,259	
HSBC HOLDINGS PLC SR UNSECURED 05/30 VAR	3.973000	688,864	563,075	

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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HSBC HOLDINGS PLC SR UNSECURED 03/30 4.95	4.950000	199,750	191,698	
HSBC HOLDINGS PLC SR UNSECURED 06/31 VAR	2.848000	900,000	722,338	
HSBC BANK USA NA SUBORDINATED 01/39 7	7.000000	251,706	190,862	
L3HARRIS TECH INC SR UNSECURED 04/35 4.854	4.854000	100,000	93,926	
L3HARRIS TECH INC SR UNSECURED 04/45 5.054	5.054000	200,000	181,146	
HEINEKEN NV SR UNSECURED 144A 10/42 4	4.000000	100,613	79,638	
HESS CORP SR UNSECURED 01/40 6	6.000000	410,136	396,149	
HIGH STREET FDG TRUST II SR UNSECURED 144A 02/48 4.682	4.682000	100,000	84,465	
HIGHWOODS REALTY LP SR UNSECURED 04/29 4.2	4.200000	523,495	437,804	
HOLCIM CAPITAL CORP COMPANY GUAR 144A 09/43 6.5	6.500000	316,626	295,635	
HOME DEPOT INC SR UNSECURED 02/44 4.875	4.875000	295,518	290,087	
HOME DEPOT INC SR UNSECURED 06/47 3.9	3.900000	238,605	174,877	
HOME DEPOT INC SR UNSECURED 04/40 3.3	3.300000	239,892	177,187	
HOST HOTELS + RESORTS LP SR UNSECURED 09/30 3.5	3.500000	786,136	663,967	
HUDSON PACIFIC PROPERTIE COMPANY GUAR 04/29 4.65	4.650000	506,230	429,124	
HUDSON PACIFIC PROPERTIE COMPANY GUAR 01/30 3.25	3.250000	182,352	152,402	
IDAHO POWER CO 1ST MORTGAGE 03/48 4.2	4.200000	341,289	244,485	
IMPERIAL BRANDS FIN PLC COMPANY GUAR 144A 07/26 3.5	3.500000	201,400	184,284	
IMPERIAL BRANDS FIN PLC COMPANY GUAR 144A 07/29 3.875	3.875000	198,266	171,431	
INDIANA MICHIGAN POWER SR UNSECURED 08/48 4.25	4.250000	799,920	570,865	
ING GROEP NV JR SUBORDINA 12/99 VAR	4.250000	600,000	413,254	
INTERCONTINENTALEXCHANGE SR UNSECURED 09/48 4.25	4.250000	99,288	84,688	
INTERCONTINENTALEXCHANGE SR UNSECURED 06/50 3	3.000000	295,488	204,898	
INTL FLAVOR + FRAGRANCES SR UNSECURED 144A 11/40 3.268	3.268000	999,940	722,572	
INTESA SANPAOLO SPA SUBORDINATED 144A 06/42 VAR	4.950000	1,086,378	712,852	
IPALCO ENTERPRISES INC SR SECURED 05/30 4.25	4.250000	299,727	267,960	
JPMORGAN CHASE + CO SR UNSECURED 02/28 VAR	3.782000	428,437	374,812	
JPMORGAN CHASE + CO SR UNSECURED 02/48 VAR	4.260000	500,451	418,297	
JPMORGAN CHASE + CO SR UNSECURED 07/48 VAR	4.032000	234,716	167,823	
JPMORGAN CHASE + CO SR UNSECURED 11/48 VAR	3.964000	94,372	66,853	
JPMORGAN CHASE + CO SR UNSECURED 10/30 VAR	2.739000	728,564	615,387	
JERSEY CENTRAL PWR + LT SR UNSECURED 144A 01/26 4.3	4.300000	334,982	289,916	
JERSEY CENTRAL PWR + LT SR UNSECURED 144A 03/32 2.75	2.750000	299,178	244,036	
JPMORGAN CHASE + CO SR UNSECURED 01/42 5.4	5.400000	217,178	163,476	
JPMORGAN CHASE + CO JR SUBORDINA 12/99 VAR	4.600000	1,300,000	1,148,875	
JPMORGAN CHASE + CO JR SUBORDINA 12/99 VAR	4.000000	1,996,111	1,717,500	
JPMORGAN CHASE + CO JR SUBORDINA 12/99 VAR	3.650000	1,000,000	858,750	

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Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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KKR GROUP FINANCE CO VII COMPANY GUAR 144A 02/50 3.625		3.625000	386,662	278,048
KKR GROUP FIN CO X LLC COMPANY GUAR 144A 12/51 3.25		3.250000	1,976,297	1,271,543
KAISER FOUNDATION HOSPIT COMPANY GUAR 11/49 3.266		3.266000	109,281	80,621
KANSAS CITY SOUTHERN COMPANY GUAR 08/45 4.95		4.950000	337,577	272,723
KANSAS CITY SOUTHERN COMPANY GUAR 05/50 3.5		3.500000	694,456	505,453
KENTUCKY UTILITIES CO 1ST MORTGAGE 10/45 4.375		4.375000	203,690	170,742
KILROY REALTY LP COMPANY GUAR 02/30 3.05		3.050000	757,114	643,599
KILROY REALTY LP COMPANY GUAR 11/33 2.65		2.650000	99,957	69,921
KINDER MORGAN ENER PART COMPANY GUAR 01/38 6.95		6.950000	114,694	107,093
KINDER MORGAN ENER PART COMPANY GUAR 03/41 6.375		6.375000	748,469	649,506
KINDER MORGAN ENER PART COMPANY GUAR 03/44 5.5		5.500000	446,463	411,534
KINDER MORGAN INC COMPANY GUAR 06/45 5.55		5.550000	11,563	9,204
KINDER MORGAN INC COMPANY GUAR 02/46 5.05		5.050000	10,861	8,604
LAS VEGAS SANDS CORP SR UNSECURED 06/25 2.9		2.900000	399,500	368,371
LEIDOS INC COMPANY GUAR 05/30 4.375		4.375000	98,716	90,659
LXP INDUSTRIAL TRUST COMPANY GUAR 09/30 2.7		2.700000	396,932	320,367
LIBERTY MUTUAL GROUP INC COMPANY GUAR 144A 10/50 3.951		3.951000	103,662	70,887
LLOYDS BANKING GROUP PLC SR UNSECURED 08/28 4.55		4.550000	598,188	566,667
LOCKHEED MARTIN CORP SR UNSECURED 09/41 4.85		4.850000	109,924	84,093
LOCKHEED MARTIN CORP SR UNSECURED 03/35 3.6		3.600000	21,570	17,890
LOUISVILLE GAS + ELEC 1ST MORTGAGE 04/49 4.25		4.250000	99,882	84,110
MDC HOLDINGS INC COMPANY GUAR 08/61 3.966		3.966000	200,000	113,205
MGM CHINA HOLDINGS LTD SR UNSECURED 144A 06/25 5.25		5.250000	503,750	471,009
MGM CHINA HOLDINGS LTD SR UNSECURED 144A 02/27 4.75		4.750000	582,000	531,565
MPLX LP SR UNSECURED 04/58 4.9		4.900000	181,944	158,824
MPLX LP SR UNSECURED 12/47 5.2		5.200000	289,864	215,212
MANULIFE FINANCIAL CORP SR UNSECURED 03/46 5.375		5.375000	498,225	486,488
MARS INC COMPANY GUAR 144A 04/34 3.6		3.600000	55,313	43,660
MARS INC COMPANY GUAR 144A 04/39 3.875		3.875000	55,945	42,876
MARSH + MCLENNAN COS INC SR UNSECURED 03/48 4.2		4.200000	223,214	166,971
MARSH + MCLENNAN COS INC SR UNSECURED 03/39 4.75		4.750000	299,733	278,604
MARRIOTT INTERNATIONAL SR UNSECURED 06/30 4.625		4.625000	397,516	375,258
MARRIOTT INTERNATIONAL SR UNSECURED 10/32 3.5		3.500000	204,124	167,534
MARRIOTT INTERNATIONAL SR UNSECURED 04/31 2.85		2.850000	698,635	568,323
MASSACHUSETTS ELECTRIC SR UNSECURED 144A 11/39 5.9		5.900000	383,796	300,349
MASS INSTITUTE OF TECH UNSECURED 12/99 5.6		5.600000	588,549	394,459
MASS INSTITUTE OF TECH UNSECURED 07/16 3.885		3.885000	1,488,569	965,495

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MASS MUTUAL LIFE INS CO SUBORDINATED 144A 10/70 3.729		3.729000	228,379	161,775
MCDONALD S CORP SR UNSECURED 03/47 4.45		4.450000	312,678	241,326
MCDONALD S CORP SR UNSECURED 09/49 3.625		3.625000	196,150	152,350
MELCO RESORTS FINANCE SR UNSECURED 144A 07/27 5.625		5.625000	500,000	426,393
MELCO RESORTS FINANCE SR UNSECURED 144A 12/29 5.375		5.375000	1,400,000	1,125,726
MELCO RESORTS FINANCE SR UNSECURED 144A 07/28 5.75		5.750000	600,000	502,632
MICRON TECHNOLOGY INC SR UNSECURED 02/29 5.327		5.327000	199,020	192,836
MICRON TECHNOLOGY INC SR UNSECURED 02/30 4.663		4.663000	349,979	319,039
MIDAMERICAN ENERGY CO 1ST MORTGAGE 10/44 4.4		4.400000	480,262	362,058
MIDAMERICAN ENERGY CO 1ST MORTGAGE 07/49 4.25		4.250000	431,822	309,588
MINERA MEXICO SA DE CV SR UNSECURED 144A 01/50 4.5		4.500000	123,008	94,597
MITSUBISHI UFJ FIN GRP SR UNSECURED 03/39 4.153		4.153000	441,103	332,624
MITSUBISHI UFJ FIN GRP SR UNSECURED 07/39 3.751		3.751000	245,973	188,513
MITSUBISHI UFJ FIN GRP SR UNSECURED 10/32 VAR		2.494000	1,000,000	784,326
MIZUHO FINANCIAL GROUP SR UNSECURED 07/31 VAR		2.201000	1,100,000	863,651
MOODY S CORPORATION SR UNSECURED 07/44 5.25		5.250000	406,652	388,604
MORGAN STANLEY SR UNSECURED 01/30 VAR		4.431000	22,413	18,759
MORGAN STANLEY SR UNSECURED 07/38 VAR		3.971000	227,525	178,099
MORGAN STANLEY SR UNSECURED 01/33 VAR		2.943000	600,000	488,637
NGPL PIPECO LLC SR UNSECURED 144A 12/37 7.768		7.768000	124,125	104,926
NXP B V 12/28 5.55		5.550000	99,759	105,760
NXP BV/NXP FDG/NXP USA COMPANY GUAR 05/27 3.15		3.150000	798,408	727,032
NATIONAL HEALTH INVESTOR COMPANY GUAR 02/31 3		3.000000	297,588	217,628
NATIONAL SECS CLEARING SR UNSECURED 144A 04/25 1.5		1.500000	499,015	464,259
NATIONWIDE BLDG SOCIETY SUBORDINATED 144A 09/26 4		4.000000	249,265	227,842
NATIONWIDE FINANCIAL SER COMPANY GUAR 144A 11/49 3.9		3.900000	99,508	70,637
NATIONWIDE BLDG SOCIETY SR UNSECURED 144A 07/30 VAR		3.960000	200,000	174,874
NBCUNIVERSAL MEDIA LLC COMPANY GUAR 01/43 4.45		4.450000	361,157	326,951
NEW YORK LIFE INSURANCE SUBORDINATED 144A 05/69 4.45		4.450000	299,682	250,983
NY STATE ELECTRIC + GAS SR UNSECURED 144A 09/49 3.3		3.300000	202,530	136,430
NEWMONT CORP COMPANY GUAR 10/39 6.25		6.250000	230,225	184,399
NEWMONT CORP COMPANY GUAR 06/44 5.45		5.450000	459,744	385,008
NIPPON LIFE INSURANCE SUBORDINATED 144A 10/44 VAR		5.100000	500,000	489,212
NIPPON LIFE INSURANCE SUBORDINATED 144A 01/51 VAR		2.750000	800,000	643,086
NISOURCE INC SR UNSECURED 02/45 5.65		5.650000	359,718	296,266
NISOURCE INC SR UNSECURED 05/47 4.375		4.375000	199,836	169,444
NISSAN MOTOR ACCEPTANCE SR UNSECURED 144A 03/24 VAR		5.374570	900,000	885,846

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NISSAN MOTOR CO SR UNSECURED 144A 09/30 4.81		4.810000	663,474	511,959
NOMURA HOLDINGS INC SR UNSECURED 01/30 3.103		3.103000	300,000	250,945
NOMURA HOLDINGS INC SR UNSECURED 07/30 2.679		2.679000	300,000	241,478
NOMURA HOLDINGS INC SR UNSECURED 01/32 2.999		2.999000	1,400,000	1,107,304
NORFOLK SOUTHERN CORP SR UNSECURED 01/46 4.65		4.650000	198,654	179,044
NORFOLK SOUTHERN CORP SR UNSECURED 08/52 4.05		4.050000	221,305	178,792
NORFOLK SOUTHERN CORP SR UNSECURED 05/55 3.155		3.155000	616,651	421,532
NORTHERN STATES PWR MINN 1ST MORTGAGE 03/50 2.9		2.900000	692,714	493,581
NORTHROP GRUMMAN CORP SR UNSECURED 10/47 4.03		4.030000	607,763	460,941
NOVARTIS CAPITAL CORP COMPANY GUAR 05/44 4.4		4.400000	441,527	336,914
ODBRCHT OFFSHRE DRLL FIN SR SECURED 144A 12/26 7.72		7.720000	148,162	69,363
ODEBRECHT OIL + FINANCE COMPANY GUAR 144A 12/99 0.0000		0.000000	32	74
OGLETHORPE POWER CORP 1ST MORTGAGE 10/48 5.05		5.050000	40,615	30,271
OGLETHORPE POWER CORP 1ST MORTGAGE 11/40 5.375		5.375000	717,340	542,004
OHIO NAT FINANCIAL SRVS SR UNSECURED 144A 01/30 6.8		5.800000	499,660	461,708
OHIO POWER COMPANY SR UNSECURED 10/51 2.9		2.900000	696,647	462,864
OMEGA HLTHCARE INVESTORS COMPANY GUAR 01/28 4.75		4.750000	296,934	277,318
OMEGA HLTHCARE INVESTORS COMPANY GUAR 04/33 3.25		3.250000	302,724	218,451
ONCOR ELECTRIC DELIVERY SR SECURED 04/45 3.75		3.750000	1,069,508	793,929
ONEOK PARTNERS LP COMPANY GUAR 10/37 6.85		6.850000	578,592	609,100
ONEOK PARTNERS LP COMPANY GUAR 02/41 6.125		6.125000	222,731	190,488
ORACLE CORP SR UNSECURED 11/47 4		4.000000	97,914	74,057
ORACLE CORP SR UNSECURED 03/41 3.65		3.650000	3,277,758	2,459,787
ORACLE CORP SR UNSECURED 03/51 3.95		3.950000	998,250	721,402
ORACLE CORP SR UNSECURED 03/61 4.1		4.100000	898,236	632,911
PNC FINANCIAL SERVICES JR SUBORDINA 12/99 VAR		6.000000	800,000	753,698
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 03/45 4.3		4.300000	1,274,724	860,424
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 06/25 3.5		3.500000	850,096	756,102
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 02/31 2.5		2.500000	399,584	313,474
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 07/25 3.45		3.450000	428,200	379,294
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 07/30 4.55		4.550000	799,582	638,221
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 07/50 4.95		4.950000	206,328	156,774
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 01/26 3.15		3.150000	5,036,880	4,465,757
PACIFIC GAS + ELECTRIC SR SECURED 06/41 4.2		4.200000	598,248	448,936
PACIFIC LIFECORP SR UNSECURED 144A 09/50 3.35		3.350000	99,232	68,842
PACIFIC LIFE INSURANCE C SUBORDINATED 144A 10/67 VAR		4.300000	498,143	381,557
OVINTIV INC COMPANY GUAR 11/31 7.2		7.200000	29,319	26,401

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
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PARK AEROSPACE HOLDINGS COMPANY GUAR 144A 03/23 4.5		4.500000	610,000	608,540
PENNYMAC FIN SVCS INC COMPANY GUAR 144A 09/31 5.75		5.750000	900,000	715,036
PERUSAHAAN LISTRIK NEGAR SR UNSECURED 144A 06/50 4		4.000000	687,981	502,248
SUNCOR ENERGY INC SR UNSECURED 05/38 6.8		6.800000	13,818	10,537
PETROLEOS MEXICANOS COMPANY GUAR 09/47 6.75		6.750000	1,056,730	761,613
PETSMART INC/PETSMART FI SR SECURED 144A 02/28 4.75		4.750000	300,000	271,996
PFIZER INC SR UNSECURED 09/40 5.6		5.600000	470,924	422,876
PFIZER INC SR UNSECURED 03/49 4		4.000000	698,530	531,105
PHYSICIANS REALTY LP COMPANY GUAR 01/28 3.95		3.950000	189,682	183,336
BARRICK GOLD CORP SR UNSECURED 10/35 6.45		6.450000	204,292	168,849
POTOMAC ELECTRIC POWER 1ST MORTGAGE 03/43 4.15		4.150000	408,128	341,941
PROLOGIS LP SR UNSECURED 04/50 3		3.000000	197,872	135,315
PROSUS NV SR UNSECURED 144A 01/30 3.68		3.680000	300,000	250,738
PROSUS NV SR UNSECURED 144A 02/51 3.832		3.832000	399,968	244,749
PRUDENTIAL FINANCIAL INC SR UNSECURED 12/47 3.905		3.905000	191,448	161,500
PRUDENTIAL FINANCIAL INC SR UNSECURED 02/50 4.35		4.350000	752,991	571,106
PUBLIC SERVICE COLORADO 1ST MORTGAGE 06/47 3.8		3.800000	298,776	240,174
PUBLIC SERVICE COLORADO 1ST MORTGAGE 09/49 4.05		4.050000	843,946	607,764
PUBLIC SERVICE ELECTRIC 1ST MORTGAGE 12/47 3.6		3.600000	199,854	154,115
PUGET SOUND ENERGY INC 1ST MORTGAGE 06/48 4.223		4.223000	200,000	164,187
QVC INC SR SECURED 03/43 5.95		5.950000	683,025	347,099
QATAR ENERGY SR UNSECURED 144A 07/51 3.3		3.300000	800,000	592,640
RAYTHEON TECH CORP SR UNSECURED 04/47 4.35		4.350000	128,947	86,116
REALTY INCOME CORP SR UNSECURED 06/26 4.875		4.875000	2,413,131	2,093,680
REALTY INCOME CORP SR UNSECURED 08/27 3.95		3.950000	225,364	191,296
REGENCY CENTERS LP COMPANY GUAR 02/47 4.4		4.400000	322,952	241,108
REGENCY CENTERS LP COMPANY GUAR 03/49 4.65		4.650000	561,469	382,842
REGENERON PHARMACEUTICAL SR UNSECURED 09/30 1.75		1.750000	192,672	155,841
RELIANCE INDUSTRIES LTD SR UNSECURED 144A 01/52 3.625		3.625000	394,448	265,244
RENEW POWER PVT LTD SR SECURED 144A 03/27 5.875		5.875000	200,000	192,250
REYNOLDS AMERICAN INC COMPANY GUAR 08/45 5.85		5.850000	310,265	258,237
RIO OIL FINANCE TRUST SR SECURED 144A 07/24 9.25		9.250000	162,566	156,784
ROCKIES EXPRESS PIPELINE SR UNSECURED 144A 07/29 4.95		4.950000	299,478	270,117
ROCKIES EXPRESS PIPELINE SR UNSECURED 144A 05/30 4.8		4.800000	899,406	793,566
ROGERS COMMUNICATIONS IN COMPANY GUAR 11/49 3.7		3.700000	95,892	65,267
ROGERS COMMUNICATIONS IN COMPANY GUAR 144A 03/32 3.8		3.800000	1,097,547	956,199
ROLLS ROYCE PLC COMPANY GUAR 144A 10/27 5.75		5.750000	760,250	667,891

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NATWEST GROUP PLC SR UNSECURED 05/29 VAR		4.892000	200,000	189,926
NATWEST GROUP PLC SR UNSECURED 05/30 VAR		4.445000	500,000	454,993
NATWEST GROUP PLC SR UNSECURED 01/30 VAR		5.076000	501,164	473,119
ROYALTY PHARMA PLC COMPANY GUAR 09/30 2.2		2.200000	879,840	707,827
SBA TOWER TRUST ASSET BACKED 144A 07/52 2.328		2.328000	2,580,000	2,101,558
S+P GLOBAL INC COMPANY GUAR 12/49 3.25		3.250000	297,720	218,097
S+P GLOBAL INC COMPANY GUAR 144A 03/32 2.9		2.900000	691,292	600,987
SABAL TRAIL TRANS SR UNSECURED 144A 05/38 4.682		4.682000	331,568	269,371
SABINE PASS LIQUEFACTION SR SECURED 03/25 5.625		5.625000	825,000	827,145
SABINE PASS LIQUEFACTION SR SECURED 03/28 4.2		4.200000	205,108	188,674
SABINE PASS LIQUEFACTION SR SECURED 06/26 5.875		5.875000	300,866	303,889
SABINE PASS LIQUEFACTION SR SECURED 05/30 4.5		4.500000	1,695,648	1,583,974
SABRA HEALTH CARE LP COMPANY GUAR 12/31 3.2		3.200000	792,050	599,079
SAN DIEGO G + E 1ST MORTGAGE 05/48 4.15		4.150000	313,249	249,488
SAN DIEGO G + E 1ST MORTGAGE 06/49 4.1		4.100000	441,148	331,046
SAN DIEGO G + E 1ST MORTGAGE 03/52 3.7		3.700000	795,544	638,628
SANDS CHINA LTD SR UNSECURED 03/27 2.8		2.800000	899,170	772,011
SANTANDER UK GROUP HLDGS SR UNSECURED 11/28 VAR		3.823000	500,000	448,427
SANTANDER UK GROUP HLDGS SR UNSECURED 03/32 VAR		2.896000	603,954	466,462
SANTANDER HOLDINGS USA SR UNSECURED 06/25 3.45		3.450000	598,824	573,061
SANTOS FINANCE LTD COMPANY GUAR 144A 04/31 3.649		3.649000	801,652	639,293
SAUDI ARABIAN OIL CO SR UNSECURED 144A 04/49 4.375		4.375000	85,663	69,080
SAUDI ARABIAN OIL CO SR UNSECURED 144A 11/50 3.25		3.250000	891,468	636,375
CHARLES SCHWAB CORP JR SUBORDINA 12/99 VAR		5.000000	99,000	83,257
CHARLES SCHWAB CORP JR SUBORDINA 12/99 VAR		5.375000	900,000	884,700
CHARLES SCHWAB CORP JR SUBORDINA 12/99 VAR		4.000000	2,000,600	1,597,400
SEMPRA ENERGY SR UNSECURED 02/48 4		4.000000	343,095	269,141
7 ELEVEN INC SR UNSECURED 144A 02/41 2.5		2.500000	593,466	400,856
SHELL INTERNATIONAL FIN COMPANY GUAR 05/46 4		4.000000	347,334	255,952
DELTA AIR LINES/SKYMILES SR SECURED 144A 10/28 4.75		4.750000	100,000	94,285
SOCIETE GENERALE SR UNSECURED 144A 01/33 VAR		3.337000	289,095	237,822
DOMINION ENERGY SOUTH 1ST MORTGAGE 06/65 5.1		5.100000	214,077	152,499
SOUTHERN CAL EDISON 1ST REF MORT 01/34 6		6.000000	1,242,920	1,042,036
SOUTHERN CAL EDISON 1ST REF MORT 04/35 5.75		5.750000	100,118	100,336
SOUTHERN CAL EDISON 1ST REF MORT 03/43 3.9		3.900000	363,141	311,783
SOUTHERN CAL EDISON 1ST REF MORT 10/43 4.65		4.650000	917,234	699,989
SOUTHERN CAL EDISON 1ST REF MORT 04/47 4		4.000000	1,549,840	1,175,880

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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SOUTHERN CAL EDISON 1ST REF MORT 03/48 4.125		4.125000	280,055	242,336
SOUTHERN CAL EDISON 1ST MORTGAGE 03/49 4.875		4.875000	748,184	535,704
SOUTHERN CAL EDISON 1ST MORTGAGE 02/51 2.95		2.950000	297,921	194,356
SOUTHERN CAL EDISON 1ST MORTGAGE 06/51 3.65		3.650000	498,830	368,848
SOUTHERN CAL EDISON 1ST MORTGAGE 02/32 2.75		2.750000	299,892	252,859
SOUTHERN CAL EDISON 1ST MORTGAGE 02/52 3.45		3.450000	498,320	361,910
SOUTHERN CALIF GAS CO 1ST MORTGAGE 01/49 4.3		4.300000	499,775	417,161
SOUTHERN CO SR UNSECURED 07/36 4.25		4.250000	99,579	88,191
SOUTHERN CO GAS CAPITAL COMPANY GUAR 05/47 4.4		4.400000	313,419	242,617
SOUTHWEST AIRLINES CO SR UNSECURED 06/27 5.125		5.125000	916,432	792,266
SOUTHWEST GAS CORP SR UNSECURED 03/32 4.05		4.050000	219,344	194,430
SOUTHWESTERN ELEC POWER SR UNSECURED 03/40 6.2		6.200000	622,770	512,457
SPIRIT AEROSYSTEMS INC SR SECURED 06/26 3.85		3.850000	97,514	90,655
SPRINT LLC COMPANY GUAR 09/23 7.875		7.875000	106,625	101,631
SPRINT SPECTRUM / SPEC I SR SECURED 144A 09/29 5.152		5.152000	400,000	394,979
STANDARD CHARTERED PLC SUBORDINATED 144A 01/33 VAR		3.603000	400,000	302,845
STANDARD INDUSTRIES INC SR UNSECURED 144A 02/27 5		5.000000	51,100	51,756
EQUINOR ASA COMPANY GUAR 05/43 3.95		3.950000	534,058	406,244
STEEL DYNAMICS INC SR UNSECURED 12/24 2.8		2.800000	199,850	190,225
STIFEL FINANCIAL CORP SR UNSECURED 05/30 4		4.000000	198,570	174,412
STORE CAPITAL CORP SR UNSECURED 12/31 2.7		2.700000	998,770	739,152
STRYKER CORP SR UNSECURED 03/46 4.625		4.625000	597,117	533,734
STUDIO CITY FINANCE LTD COMPANY GUAR 144A 07/25 6		6.000000	400,000	347,442
STUDIO CITY FINANCE LTD COMPANY GUAR 144A 01/29 5		5.000000	600,000	445,113
SUMITOMO MITSUI FINL GRP SR UNSECURED 07/29 3.04		3.040000	147,597	126,035
SUMITOMO MITSUI FINL GRP SR UNSECURED 01/30 2.75		2.750000	700,000	590,520
SUZANO AUSTRIA GMBH COMPANY GUAR 144A 03/47 7		7.000000	190,988	199,969
SUZANO AUSTRIA GMBH COMPANY GUAR 01/29 6		6.000000	198,128	199,357
TD SYNEX CORP SR UNSECURED 08/28 2.375		2.375000	600,000	488,533
SYNCHRONY FINANCIAL SR UNSECURED 10/31 2.875		2.875000	799,104	603,594
T MOBILE USA INC COMPANY GUAR 04/40 4.375		4.375000	490,125	431,119
T MOBILE USA INC COMPANY GUAR 04/50 4.5		4.500000	597,450	497,131
T MOBILE USA INC COMPANY GUAR 04/31 3.5		3.500000	918,565	865,114
T MOBILE USA INC COMPANY GUAR 11/60 3.6		3.600000	372,236	268,195
T MOBILE USA INC COMPANY GUAR 10/52 3.4		3.400000	2,187,284	1,498,243
TAKEDA PHARMACEUTICAL SR UNSECURED 03/30 2.05		2.050000	1,197,648	985,361
TARGA RESOURCES CORP COMPANY GUAR 02/33 4.2		4.200000	99,815	86,643

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TEACHERS INSUR + ANNUITY SUBORDINATED 144A 05/47 4.27		4.270000	697,760	579,787
TENCENT HOLDINGS LTD SR UNSECURED 144A 04/29 3.975		3.975000	199,934	184,944
TENNESSEE GAS PIPELINE COMPANY GUAR 144A 03/30 2.9		2.900000	698,607	589,706
TEXAS EASTERN TRANSMISSI SR UNSECURED 07/32 7		7.000000	326,247	269,122
TIME WARNER CABLE LLC SR SECURED 05/37 6.55		6.550000	169,169	134,334
TIME WARNER CABLE LLC SR SECURED 06/39 6.75		6.750000	383,874	285,751
TIME WARNER CABLE LLC SR SECURED 11/40 5.875		5.875000	113,749	87,941
TIME WARNER CABLE LLC SR SECURED 09/42 4.5		4.500000	648,312	506,426
TRANSCONT GAS PIPE LINE SR UNSECURED 05/50 3.95		3.950000	99,424	77,111
TRUST F/1401 SR UNSECURED 144A 01/44 6.95		6.950000	198,250	173,940
TRUST FIBRAUNO SR UNSECURED 144A 01/50 6.39		6.390000	418,750	323,529
UDR INC COMPANY GUAR 07/27 3.5		3.500000	698,348	652,404
UDR INC COMPANY GUAR 01/30 3.2		3.200000	207,822	174,444
UDR INC COMPANY GUAR 08/31 3		3.000000	101,858	83,922
UBS AG LONDON SR UNSECURED 144A 06/48 4.5		4.500000	182,511	123,086
US BANCORP JR SUBORDINA 12/99 VAR		5.300000	300,000	262,221
US AIRWAYS 2012 1A PTT PASS THRU CE 04/26 5.9		5.900000	127,240	115,022
UBS GROUP AG SR UNSECURED 144A 04/26 4.125		4.125000	598,674	576,905
UNION PACIFIC CORP SR UNSECURED 08/39 3.55		3.550000	199,430	166,897
UNITED AIRLINES INC SR SECURED 144A 04/26 4.375		4.375000	206,000	185,725
RAYTHEON TECH CORP SR UNSECURED 11/38 4.45		4.450000	769,789	600,858
UNITEDHEALTH GROUP INC SR UNSECURED 12/48 4.45		4.450000	704,400	539,200
UNITEDHEALTH GROUP INC SR UNSECURED 08/49 3.7		3.700000	430,237	341,664
UNUM GROUP SR UNSECURED 08/42 5.75		5.750000	317,016	272,394
VOC ESCROW LTD SR SECURED 144A 02/28 5		5.000000	496,250	430,840
VALE OVERSEAS LIMITED COMPANY GUAR 11/39 6.875		6.875000	812,000	738,940
VALERO ENERGY CORP SR UNSECURED 06/52 4		4.000000	687,827	531,750
VERIZON COMMUNICATIONS SR UNSECURED 03/41 3.4		3.400000	1,699,014	1,290,550
VERIZON COMMUNICATIONS SR UNSECURED 09/41 2.85		2.850000	748,794	524,610
VIRGINIA ELEC + POWER CO SR UNSECURED 12/48 4.6		4.600000	109,466	87,911
VISA INC SR UNSECURED 12/45 4.3		4.300000	798,664	738,859
VMWARE INC SR UNSECURED 08/27 3.9		3.900000	94,459	93,631
VMWARE INC SR UNSECURED 05/25 4.5		4.500000	199,898	196,452
VMWARE INC SR UNSECURED 05/30 4.7		4.700000	1,096,073	1,028,930
VMWARE INC SR UNSECURED 08/31 2.2		2.200000	299,409	229,114
VODAFONE GROUP PLC SR UNSECURED 05/38 5		5.000000	294,312	278,628
VODAFONE GROUP PLC SR UNSECURED 06/49 4.875		4.875000	98,251	84,782

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VODAFONE GROUP PLC SR UNSECURED 09/50 4.25		4.250000	240,322	181,362
VMED O2 UK FINAN SR SECURED 144A 01/31 4.25		4.250000	600,000	487,062
VOLKSWAGEN GROUP AMERICA COMPANY GUAR 144A 05/25 3.35		3.350000	199,790	191,316
WEA FINANCE LLC/WESTFIEL COMPANY GUAR 144A 09/44 4.75		4.750000	199,366	139,787
WASHINGTON GAS LIGHT CO SR UNSECURED 09/49 3.65		3.650000	897,234	662,635
WELLS FARGO + COMPANY SUBORDINATED 01/44 5.606		5.606000	104,084	78,095
WELLS FARGO + COMPANY JR SUBORDINA 12/49 VAR		5.900000	1,655,610	1,430,368
WELLS FARGO + COMPANY JR SUBORDINA 12/99 VAR		3.900000	2,803,595	2,452,492
WELLS FARGO + COMPANY SUBORDINATED 11/43 5.375		5.375000	1,112,797	1,033,958
WELLS FARGO + COMPANY SUBORDINATED 11/44 4.65		4.650000	267,909	195,883
WELLS FARGO + COMPANY SUBORDINATED 12/46 4.75		4.750000	637,982	457,599
WELLS FARGO + COMPANY SR UNSECURED 05/28 VAR		3.584000	608,628	558,849
WELLS FARGO + COMPANY SR UNSECURED 01/29 4.15		4.150000	614,629	542,959
WELLS FARGO + COMPANY SR UNSECURED 02/31 VAR		2.572000	1,300,000	1,082,412
WEST FRASER TIMBER CO SR UNSECURED 144A 10/24 4.35		4.350000	200,000	194,747
WESTERN DIGITAL CORP COMPANY GUAR 02/26 4.75		4.750000	71,063	70,793
WESTPAC BANKING CORP SUBORDINATED 07/39 4.421		4.421000	54,267	41,286
WEYERHAEUSER CO SR UNSECURED 03/32 7.375		7.375000	362,327	377,039
WEYERHAEUSER CO SR UNSECURED 11/29 4		4.000000	105,628	91,855
WEYERHAEUSER CO SR UNSECURED 04/30 4		4.000000	590,820	549,260
WEYERHAEUSER CO SR UNSECURED 03/33 3.375		3.375000	795,704	673,471
WILLIAMS COMPANIES INC SR UNSECURED 03/44 5.4		5.400000	247,125	275,038
WILLIS NORTH AMERICA INC COMPANY GUAR 09/29 2.95		2.950000	102,666	84,514
WISCONSIN PUBLIC SERVICE SR UNSECURED 09/49 3.3		3.300000	199,770	141,549
WOODSIDE FINANCE LTD COMPANY GUAR 144A 03/29 4.5		4.500000	99,817	94,176
WYNN MACAU LTD SR UNSECURED 144A 10/24 4.875		4.875000	608,250	567,431
WYNN MACAU LTD SR UNSECURED 144A 10/27 5.5		5.500000	367,667	350,268
WYNN MACAU LTD SR UNSECURED 144A 08/28 5.625		5.625000	800,000	685,036
XL GROUP LTD SUBORDINATED 03/45 5.5		5.500000	198,230	191,081
YARA INTERNATIONAL ASA SR UNSECURED 144A 06/28 4.75		4.750000	99,748	92,557
YARA INTERNATIONAL ASA SR UNSECURED 144A 06/30 3.148		3.148000	100,000	80,635
ZOETIS INC SR UNSECURED 09/47 3.95		3.950000	198,816	163,633
TESCO PROPERTY FIN 5 PLC SR SECURED REGS 10/41 5.6611		5.661100	118,294	106,727
UBS GROUP AG JR SUBORDINA REGS 12/49 VAR		7.000000	528,750	495,938
BARCLAYS PLC JR SUBORDINA REGS 12/99 VAR		7.250000	516,544	476,820
KAISA GROUP HOLDINGS LTD SR SECURED REGS 06/22 8.5		8.500000	293,250	42,001
LLOYDS BANK PLC SR UNSECURED REGS 04/32 VAR		0.000000	306,000	244,770

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UNICREDIT SPA JR SUBORDINA REGS 12/99 VAR		7.500000	1,578,360	1,274,709
VIRGIN MEDIA SECURED FIN SR SECURED REGS 01/30 4.25		4.250000	366,690	281,560
MPT OPER PARTNERSP/FINL COMPANY GUAR 06/28 3.692		3.692000	387,697	264,918
KAISA GROUP HOLDINGS LTD SR SECURED REGS 09/23 9.75		9.750000	1,200,000	168,914
YANGO JUSTICE INTL COMPANY GUAR REGS 04/24 7.5		7.500000	205,250	7,300
NATWEST GROUP PLC JR SUBORDINA 12/99 VAR		5.125000	1,972,200	1,520,086
TESCO PROPERTY FIN 1 PLC SR SECURED REGS 07/39 7.6227		7.622700	462,553	416,133
HSBC HOLDINGS PLC JR SUBORDINA 12/99 VAR		5.875000	859,011	645,644
STICHTING AK RABOBANK JR SUBORDINA REGS 12/49 VAR		6.500000	121,591	107,979
BANCA MONTE DEI PASCHI S SR UNSECURED REGS 09/24 3.625		3.625000	735,743	609,422
ERSTE GROUP BANK AG JR SUBORDINA REGS 12/99 VAR		4.250000	250,888	169,766
KAISA GROUP HOLDINGS LTD SR SECURED REGS 06/24 9.375		9.375000	488,750	70,240
HSBC HOLDINGS PLC JR SUBORDINA REGS 12/99 VAR		4.750000	2,670,388	1,930,588
CREDIT SUISSE GROUP AG JR SUBORDINA REGS 12/49 VAR		7.500000	2,023,200	1,576,800
CODELCO INC SR UNSECURED REGS 10/43 5.625		5.625000	489,365	490,893
GREENKO SOLAR MAURITIUS SR SECURED REGS 01/25 5.55		5.550000	201,750	188,750
ESC LEHMAN BRTH HLDH PROD 05/18 VAR		1.000000	32,904	9,048
AMERICAN MONEY MANAGEMENT CORP AMMC 2013 12A AR2 144A		5.542000	800,000	789,364
Total Fixed Income - Corporate Debt Instrument				290,007,360
REPUBLIC OF CHILE SR UNSECURED 01/50 3.5		3.500000	120,118	83,327
STATE OF ISRAEL SR UNSECURED 12/99 4.5		4.500000	1,200,000	1,058,736
REPUBLIC OF PANAMA SR UNSECURED 07/60 3.87		3.870000	142,830	87,124
REPUBLIC OF PERU SR UNSECURED 06/30 2.844		2.844000	128,232	105,756
REPUBLIC OF PHILIPPINES SR UNSECURED 02/42 3.7		3.700000	1,053,000	739,185
STATE OF QATAR SR UNSECURED 144A 04/30 3.75		3.750000	1,397,340	1,358,819
REPUBLIC OF SOUTH AFRICA SR UNSECURED 09/29 4.85		4.850000	900,000	805,567
UNITED MEXICAN STATES SR UNSECURED 05/61 3.771		3.771000	450,000	285,428
REPUBLIC OF SOUTH AFRICA SR UNSECURED 03/32 8.25		8.250000	828,465	706,823
RUSSIA GOVT BOND OFZ BONDS 09/31 8.5		8.500000	1,662,281	432,658
STATE OF QATAR SR UNSECURED REGS 03/49 4.817		4.817000	300,000	292,619
RUSSIA GOVT BOND OFZ BONDS 04/30 7.65		7.650000	923,389	236,274
ABU DHABI GOVT INT L SR UNSECURED REGS 04/50 3.875		3.875000	576,816	510,495
ROMANIA SR UNSECURED 144A 02/34 3.75		3.750000	558,953	400,108
AUSTRALIAN GOVERNMENT BONDS REGS 11/31 1		1.000000	1,070,361	789,930
SAUDI INTERNATIONAL BOND SR UNSECURED REGS 10/46 4.5		4.500000	686,105	623,000
STATE OF QATAR SR UNSECURED REGS 04/48 5.103		5.103000	400,000	402,956
REPUBLIC OF PERU SR UNSECURED REGS 08/28 6.35		6.350000	2,694,820	1,950,245
REPUBLIC OF SOUTH AFRICA SR UNSECURED 12/26 10.5		10.500000	1,899,519	1,574,169
Total Fixed Income - Foreign Government Securities				12,443,219

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party				
Description of Investment including Maturity Date, Rate of Interest,				
Collateral, Par or Maturity Value		Interest Rate	Cost - Base	Market Value - Base
3 MONTH SOFR FUT DEC23 XCME 20240319		0.000000	(14,095,759)	252,609
3 MONTH SOFR FUT MAR23 XCME 20230620		0.000000	1,188,611	(49)
US LONG BOND(CBT) MAR23 XCBT 20230322		0.000000	37,557,902	(706,840)
US ULTRA BOND CBT MAR23 XCBT 20230322		0.000000	6,379,148	(66,461)
US 10YR NOTE (CBT)MAR23 XCBT 20230322		0.000000	79,434,000	(489,297)
EURO BUND FUTURE MAR23 XEUR 20230308		0.000000	(148,943)	9,125
US 10YR ULTRA FUT MAR23 XCBT 20230322		0.000000	5,269,344	(64,969)
US 5YR NOTE (CBT) MAR23 XCBT 20230331		0.000000	(109,027,023)	233,898
LONG GILT FUTURE MAR23 IFLL 20230329		0.000000	(516,824)	31,421
US 2YR NOTE (CBT) MAR23 XCBT 20230331		0.000000	1,435,711	(164)
RXG3P 138.5 FEB23 138.5 PUT FSO		0.000000	(6,791)	(35,785)
RXG3C 146 FEB23 146 CALL FSO		0.000000	(5,610)	5,603
Total Fixed Income - Futures				(830,909)
317U142X9 IRO EUR 10Y P0.175 MAR23 0.175 PUT		0.000000	(155,762)	(1,290,232)
317U141X0 IRO EUR 30Y MAR23 0 PUT		0.000000	159,366	757,985
317U179X5 IRO EUR 10Y P0.1750 MAR23 NEG0.1750 PUT		0.000000	(100,100)	(850,939)
317U178X6 IRO EUR 30Y MAR23 0 PUT		0.000000	101,527	498,105
3175352C5 OTC ECAL FN 5.5 JAN23 101.859375 CALL		0.000000	(1,484)	(5)
317536A1I OTC ECAL FN 5.5 JAN23 101.890625 CALL		0.000000	(1,188)	(3)
317551R84 EPUT FN 5.5 FEB23 99.75 PUT		0.000000	(4,219)	(3,638)
317553QJ7 ECAL FN 5.5 FEB23 101.75 CALL		0.000000	(3,469)	(1,371)
31750KML3 OTC EPUT FN 4.5 MAR23 97.15625 PUT		0.000000	(10,313)	(19,431)
317543GN0 OTC EPUT FN 5.0 MAR23 98.765625 PUT		0.000000	(2,531)	(4,100)
317575BD9 OTC ECAL FN 5.0 MAR23 100.765625 CALL		0.000000	(2,156)	(987)
317U707Y4 PIMCO SWAPTION 0.022125 PUT USD 2023		0.000000	420,000	1,568,575
317U706Y5 PIMCO SWAPTION 0.020 PUT USD 2023062		0.000000	(826,000)	(5,597,856)
317U723Y4 PIMCO SWAPTION 0.02233 PUT USD 20230		0.000000	409,220	1,543,790
317U790Y2 PIMCO SWAPTION 0.0228 PUT USD 202306		0.000000	372,400	1,487,083
317U789Y5 PIMCO SWAPTION 0.0211 PUT USD 202306		0.000000	(372,400)	(2,629,417)
317U341Z3 PIMCO SWAPTION 0.0206 PUT USD 202310		0.000000	416,484	1,795,680
317U342Z2 PIMCO SWAPTION 0.020 PUT USD 2023102		0.000000	(417,714)	(2,810,084)
317552O02 PIMCO CDSOPT PUT EUR 3.0 20230315		0.000000	(1,596)	(49)
317U1PBA2 PIMCO SWAPTION 2.547 CALL EUR 202303		0.000000	(26,374)	(2,678)
317U1PCA1 PIMCO SWAPTION 2.547 PUT EUR 2023030		0.000000	(26,374)	(75,277)
317U1Q9A3 PIMCO SWAPTION 3.14 PUT EUR 20230609		0.000000	(22,119)	(51,970)
317U1Q8A4 PIMCO SWAPTION 2.067 CALL EUR 202306		0.000000	(18,654)	(4,061)
317U1QNA7 PIMCO SWAPTION 3.55 PUT USD 20230112		0.000000	(3,903)	(4,476)
317U1QOA6 PIMCO SWAPTION 3.0 CALL USD 20230112		0.000000	(3,903)	(154)
317U1RFA4 PIMCO SWAPTION 2.61 CALL USD 2023011		0.000000	(2,768)	(67)
317U1RGA3 PIMCO SWAPTION 3.11 PUT USD 20230117		0.000000	(2,768)	(7,101)
317U1RPA3 PIMCO SWAPTION 2.6 CALL USD 20230117		0.000000	(2,280)	(60)
317U1ROA4 PIMCO SWAPTION 3.05 PUT USD 20230117		0.000000	(2,280)	(9,226)
317U1S4A4 PIMCO SWAPTION 2.9 CALL USD 20230117		0.000000	(2,050)	(86)
317U1S3A5 PIMCO SWAPTION 3.4 PUT USD 20230117		0.000000	(2,050)	(6,917)
317U1SAA7 PIMCO SWAPTION 2.74 CALL USD 2023011		0.000000	(2,595)	(350)
317U1S9A9 PIMCO SWAPTION 3.18 PUT USD 20230119		0.000000	(2,595)	(5,480)
317U1T1A5 PIMCO SWAPTION 3.07 CALL USD 2023012		0.000000	(2,450)	(587)
317U1T0A6 PIMCO SWAPTION 3.52 PUT USD 20230123		0.000000	(2,450)	(4,852)

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Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
317U1TSA6 PIMCO SWAPTION 3.32 PUT USD 20230123	0.000000	(2,220)	(3,012)	
317U1TTA5 PIMCO SWAPTION 2.87 CALL USD 2023012	0.000000	(2,220)	(1,211)	
Total Fixed Income - Options				(5,734,459)
SWU000T61 IRS HUF R F 1.25000 SWU000T61 CCPVANILLA	1.250000	2,577,382	1,586,202	
SWU000T61 IRS HUF P V 06MBUBOR SWU000T63 CCPVANILLA	13.670000	(2,572,536)	(1,740,594)	
SWU016XD9 IRS ZAR R F 5.02500 SWU016XD9 CCPVANILLA	5.025000	312,167	255,700	
SWU016XD9 IRS ZAR P V 03MJIBAR SWU016XD1 CCPVANILLA	7.217000	(311,532)	(276,227)	
SWU01ANZ2 IRS MXN R F 6.01527 SWU01ANZ2 CCPVANILLA	6.015270	4,053,849	3,748,654	
SWU01ANZ2 IRS MXN P V 01MTIE SWU01ANZ4 CCPVANILLA	10.722000	(4,053,849)	(4,110,380)	
SWU01HJZ2 IRS BRL R F 11.66500 SWU01HJZ2 CCPNDFPREDISWAP	11.665000	4,523,572	4,021,234	
SWU01HJZ2 IRS BRL P V 00MBRCDI SWU01HJZ4 CCPNDFPREDISWAP	1.000000	(4,523,572)	(4,128,983)	
SWU01IQW9 IRS EUR R F 1.00000 SWU01IQW9 CCPVANILLA	1.000000	2,847,555	2,625,575	
SWU01IQW9 IRS EUR P V 06MEURIB SWU01IQW1 CCPVANILLA	2.319000	(2,847,555)	(2,881,574)	
SWU01IVA1 IRS EUR R F 1.00000 SWU01IVA1 CCPVANILLA	1.000000	1,248,480	1,166,665	
SWU01IVA1 IRS EUR P V 06MEURIB SWU01IVA3 CCPVANILLA	2.311000	(1,248,480)	(1,280,699)	
BWU01KS77 IRS EUR R V 06MEURIB SWU01KS79 CCPVANILLA	1.000000	5,502,651	5,336,248	
BWU01KS77 IRS EUR P F 1.75000 SWU01KS77 CCPVANILLA	1.750000	(4,883,251)	(4,677,472)	
BWU01KSD4 IRS GBP R V 12MSONIA SWU01KSD6 CCPOIS	1.000000	983,594	842,030	
BWU01KSD4 IRS GBP P F 2.00000 SWU01KSD4 CCPOIS	2.000000	(772,415)	(622,451)	
SWU01LBC2 IRS USD R F 2.87000 SWU01LBC2 CCPOIS	2.870000	1,100,000	1,035,933	
SWU01LBC2 IRS USD P V 12MSOFR SWU01LBC4 CCPOIS	4.300000	(1,100,000)	(1,100,000)	
SWU01LBB4 IRS USD R F 2.85000 SWU01LBB4 CCPOIS	2.850000	1,000,000	940,074	
SWU01LBB4 IRS USD P V 12MSOFR SWU01LBB6 CCPOIS	4.300000	(1,000,000)	(1,000,000)	
BWU01KS93 IRS EUR R V 06MEURIB SWU01KS95 CCPVANILLA	1.000000	1,623,840	1,494,149	
BWU01KS93 IRS EUR P F 1.50000 SWU01KS93 CCPVANILLA	1.500000	(1,367,310)	(1,187,662)	
BWU01KSC6 IRS GBP R V 12MSONIA SWU01KSC8 CCPOIS	1.000000	381,122	360,870	
BWU01KSC6 IRS GBP P F 2.00000 SWU01KSC6 CCPOIS	2.000000	(323,250)	(310,046)	
SWU01LME6 IRS USD R F 2.84500 SWU01LME6 CCPOIS	2.845000	1,100,000	1,033,277	
SWU01LME6 IRS USD P V 12MSOFR SWU01LME8 CCPOIS	4.300000	(1,100,000)	(1,100,000)	
SWU01LTH2 IRS USD R F 3.10000 SWU01LTH2 CCPOIS	3.100000	1,000,000	960,678	
SWU01LTH2 IRS USD P V 12MSOFR SWU01LTH4 CCPOIS	4.300000	(1,000,000)	(1,000,000)	
SWU01LXX2 IRS USD R F 3.14000 SWU01LXX2 CCPOIS	3.140000	1,000,000	963,986	
SWU01LXX2 IRS USD P V 12MSOFR SWU01LXX4 CCPOIS	4.300000	(1,000,000)	(1,000,000)	
SWU01M2F3 IRS USD R F 3.33000 SWU01M2F3 CCPOIS	3.330000	1,000,000	979,874	
SWU01M2F3 IRS USD P V 12MSOFR SWU01M2F5 CCPOIS	4.300000	(1,000,000)	(1,000,000)	
BWU01NIQ0 IRS USD R V 12MSOFR SWU01NIQ2 CCPOIS	4.300000	1,600,000	1,600,000	
BWU01NIQ0 IRS USD P F 3.05000 SWU01NIQ0 CCPOIS	3.050000	(1,600,000)	(1,544,843)	
SWU01NJO4 IRS BRL R F 12.97950 SWU01NJO4 CCPNDFPREDISWAP	12.979500	4,955,262	5,073,835	
SWU01NJO4 IRS BRL P V 00MBRCDI SWU01NJO6 CCPNDFPREDISWAP	1.000000	(4,955,262)	(5,019,177)	
SWPC0C0C5 CDS USD R F .50000 1 CMBX	0.500000	191,239	198,621	
SWPC0C0C5 CDS USD P V 01MEVENT 2 CMBX	1.000000	(198,710)	(198,710)	
SWPC0C1D2 CDS USD R F .50000 1 CMBX	0.500000	95,516	99,310	
SWPC0C1D2 CDS USD P V 01MEVENT 2 CMBX	1.000000	(99,355)	(99,355)	
SWPC0FLY7 CDS USD R F .50000 1 CMBX	0.500000	97,038	99,767	
SWPC0FLY7 CDS USD P V 01MEVENT 2 CMBX	1.000000	(100,000)	(100,000)	
SWPC0FR39 CDS USD R F .50000 1 CMBX	0.500000	97,141	99,767	

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Identity of Issuer, Borrower, Lessor or Similar Party				
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SWPC0FR39 CDS USD P V 01MEVENT 2 CMBX		1.000000	(100,000)	(100,000)
SWPC0G9W3 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	198,335	201,358
SWPC0G9W3 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(200,000)	(200,000)
SWPC0GPG0 CDS EUR R F 1.000000 1 CCPITRAXX		1.000000	2,137,008	1,820,252
SWPC0GPG0 CDS EUR P V 03MEVENT 2 CCPITRAXX		1.000000	(2,101,201)	(1,814,324)
SWPC0HF79 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	196,462	200,992
SWPC0HF79 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(200,000)	(200,000)
SWPC0HFC8 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	1,175,324	1,205,955
SWPC0HFC8 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(1,200,000)	(1,200,000)
SWPC1HH01 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	445,220	416,701
SWPC1HH01 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(400,000)	(400,000)
SWPC0HKK4 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	49,400	49,927
SWPC0HKK4 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(50,000)	(50,000)
SWPCDX043 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	111,880	104,175
SWPCDX043 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(100,000)	(100,000)
SWPCNC782 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	447,560	416,701
SWPCNC782 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(400,000)	(400,000)
SWPCNC790 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	111,650	104,175
SWPCNC790 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(100,000)	(100,000)
SWPCNC808 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	110,350	104,175
SWPCNC808 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(100,000)	(100,000)
SWPC0HTX7 CDS USD R F .500000 1 CMBX		0.500000	499,370	495,959
SWPC0HTX7 CDS USD P V 01MEVENT 2 CMBX		1.000000	(500,000)	(500,000)
SWPC0HWY1 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	98,251	100,589
SWPC0HWY1 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)
SWPC0HY94 CDS USD R F 1.000000 1 CCPCDX		1.000000	990,372	1,030,168
SWPC0HY94 CDS USD P V 03MEVENT 2 CCPCDX		1.000000	(1,032,000)	(1,032,000)
SWPC0I1T4 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	225,372	215,400
SWPC0I1T4 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(223,480)	(213,450)
SWPC0IHS9 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	200,784	198,066
SWPC0IHS9 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(200,000)	(200,000)
SWPC0IHU4 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	99,371	100,679
SWPC0IHU4 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)
SWPC0ISE8 CDS USD R F 1.000000 FIX CORPORATE		1.000000	288,673	298,278
SWPC0ISE8 CDS USD P V 03MEVENT FLO CORPORATE		1.000000	(300,000)	(300,000)
SWPC0IU70 CDS USD R F 1.000000 FIX CORPORATE		1.000000	383,936	397,703
SWPC0IU70 CDS USD P V 03MEVENT FLO CORPORATE		1.000000	(400,000)	(400,000)
SWPC0J5H4 CDS USD R F 1.000000 1 CCPCORPORATE		1.000000	194,936	200,298
SWPC0J5H4 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(200,000)	(200,000)
SWPC0JC45 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	804,892	877,446
SWPC0JC45 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(954,645)	(907,162)
SWPC0JJ55 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	335,676	304,722
SWPC0JJ55 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(364,800)	(320,175)
SWPC0JPR0 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	120,312	107,568
SWPC0JPR0 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(118,540)	(106,725)
SWPC0JU94 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	481,757	416,723
SWPC0JU94 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(485,960)	(426,900)
SWPC0JWP6 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	96,247	97,301
SWPC0JWP6 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)

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Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
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SWPC0JXJ9 CDS EUR R F 1.00000 1 CCPCORPORATE		1.000000	119,409	107,200
SWPC0JXJ9 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(117,635)	(106,725)
SWPC0JYF6 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	99,219	100,124
SWPC0JYF6 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)
SWPC0JYY5 CDS USD R F 1.00000 FIX CCPCORPORATE		1.000000	909,085	906,241
SWPC0JYY5 CDS USD P V 03MEVENT FLO CCPCORPORATE		1.000000	(900,000)	(900,000)
SWPC0K0C7 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	203,439	200,072
SWPC0K0C7 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(200,000)	(200,000)
SWPC0K3K6 CDS EUR R F 1.00000 1 CCPCORPORATE		1.000000	957,972	836,094
SWPC0K3K6 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(950,560)	(853,800)
SWPC0K3J9 CDS EUR R F 1.00000 1 CCPCORPORATE		1.000000	598,585	520,189
SWPC0K3J9 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(592,950)	(533,625)
SWPC0K383 CDS EUR R F 1.00000 1 CCPCORPORATE		1.000000	962,110	841,603
SWPC0K383 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(952,400)	(853,800)
SWPC0K4W9 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	99,285	99,173
SWPC0K4W9 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(100,000)	(100,000)
SWPC0K5B4 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	100,368	100,140
SWPC0K5B4 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(100,000)	(100,000)
SWPC0K9N4 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	300,583	299,483
SWPC0K9N4 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(300,000)	(300,000)
SWPC0KBE1 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	1,114,671	1,105,126
SWPC0KBE1 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(1,100,000)	(1,100,000)
SWPC0KBG6 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	2,096,322	2,077,526
SWPC0KBG6 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(2,100,000)	(2,100,000)
SWPC0KFP2 CDS USD R F 5.00000 1 CCPCORPORATE		5.000000	360,414	332,066
SWPC0KFP2 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(300,000)	(300,000)
SWPC0KK76 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	706,732	703,132
SWPC0KK76 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(700,000)	(700,000)
SWPC0KKG6 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	700,000	697,114
SWPC0KKG6 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(700,000)	(700,000)
SWPC0KNL2 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	1,601,090	1,593,404
SWPC0KNL2 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(1,600,000)	(1,600,000)
SWPC0KQT2 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	99,662	99,233
SWPC0KQT2 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)
SWPC0KRC8 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	656,653	664,093
SWPC0KRC8 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(700,000)	(700,000)
SWPC0L8K9 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	6,602,332	6,609,900
SWPC0L8K9 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(6,600,000)	(6,600,000)
SWPC0LC99 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	289,583	295,961
SWPC0LC99 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(300,000)	(300,000)
SWPC0LD56 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	191,610	197,307
SWPC0LD56 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(200,000)	(200,000)
Total Fixed Income - Swaps				(23,918)
Total Fixed Income - Credit Default Swaps, Interest Rate Swaps and Options				(6,589,286)
STRIP PRINC 11/39 0.00000		0.010000	5,828,277	4,334,195
STRIP PRINC 08/44 0.00000		0.010000	2,014,700	1,342,533
US TREASURY N/B 08/44 3.125		3.125000	1,113,328	1,107,641

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
US TREASURY N/B 02/45 2.5	2.500000	6,470,719	6,076,875	
US TREASURY N/B 05/46 2.5	2.500000	6,261,749	4,535,601	
US TREASURY N/B 11/47 2.75	2.750000	3,057,395	2,210,513	
US TREASURY N/B 02/48 3	3.000000	1,811,753	1,335,396	
US TREASURY N/B 05/48 3.125	3.125000	6,311,339	4,501,433	
US TREASURY N/B 05/50 1.25	1.250000	2,692,099	1,680,365	
US TREASURY N/B 08/50 1.375	1.375000	23,927,860	17,107,872	
US TREASURY N/B 11/40 1.375	1.375000	18,355,563	14,140,989	
US TREASURY N/B 02/41 1.875	1.875000	24,201,900	18,311,250	
US TREASURY N/B 05/51 2.375	2.375000	45,854,476	38,753,238	
US TREASURY N/B 05/41 2.25	2.250000	2,187,343	1,666,844	
US TREASURY N/B 08/41 1.75	1.750000	15,662,198	11,521,369	
US TREASURY N/B 11/51 1.875	1.875000	36,387,729	34,210,895	
US TREASURY N/B 02/52 2.25	2.250000	14,134,811	13,776,025	
US TREASURY N/B 05/52 2.875	2.875000	11,267,834	11,974,125	
US TREASURY N/B 05/42 3.25	3.250000	2,340,371	2,057,317	
US TREASURY N/B 08/42 3.375	3.375000	27,388,945	27,544,781	
US TREASURY N/B 11/42 4	4.000000	14,693,461	14,786,719	
US TREASURY N/B 02/32 1.875	1.875000	5,083,246	5,050,409	
US TREASURY N/B 11/25 4.5	4.500000	7,468,666	7,451,453	
AMERICAN MUNI PWR OHIO INC OH AMEPWR 02/41 FIXED 7.834	7.834000	842,376	734,697	
BAY AREA CA TOLL AUTH TOLL BRI BAYTRN 10/50 FIXED 6.907	6.907000	1,760,312	1,616,449	
CALIFORNIA ST CAS 04/39 FIXED 7.55	7.550000	2,190,689	1,711,932	
CHICAGO IL TRANSIT AUTH SALES CHITRN 12/40 FIXED 6.899	6.899000	1,183,044	1,359,919	
CONNECTICUT ST CTS 03/32 FIXED 5.85	5.850000	453,138	369,893	
DALLAS CNTY TX HOSP DIST DALMED 08/44 FIXED 5.621	5.621000	239,719	191,122	
LOS ANGELES CA CMNTY CLG DIST LOSHGR 08/49 FIXED 6.75	6.750000	1,632,260	1,246,385	
LOS ANGELES CA UNIF SCH DIST LOSSCD 07/34 FIXED 6.758	6.758000	2,503,842	2,022,166	
MASSACHUSETTS ST TRANSPRTN FUN MASTRN 06/40 FIXED 5.731	5.731000	1,318,160	1,034,323	
MET TRANSPRTN AUTH NY REVENUE MTATRN 11/40 FIXED 6.814	6.814000	1,416,060	1,047,707	
NEW JERSEY ST TURNPIKE AUTH TU NJSTRN 01/40 FIXED 7.414	7.414000	954,061	751,464	
NEW YORK NY NYC 12/37 FIXED 6.271	6.271000	1,074,838	834,785	
NEW YORK CITY NY TRANSITIONAL NYCGEN 08/37 FIXED 5.508	5.508000	1,376,129	1,105,304	
NEW YORK CITY NY MUNI WTR FIN NYCUTL 06/42 FIXED 5.952	5.952000	295,155	226,654	
NEW YORK CITY NY MUNI WTR FIN NYCUTL 06/43 FIXED 5.44	5.440000	1,100,888	833,461	
N TX TOLLWAY AUTH REVENUE NRTTRN 01/49 FIXED 6.718	6.718000	1,590,450	1,188,124	
SAN ANTONIO TX ELEC GAS REVE SANUTL 02/39 FIXED 5.985	5.985000	291,856	228,340	
SAN DIEGO CNTY CA WTR AUTH FIN SDGWTR 05/49 FIXED 6.138	6.138000	1,908,670	1,474,244	
TEXAS ST TRANSPRTN COMMISSIONS TXSTRN 04/26 FIXED 5.028	5.028000	843,488	755,168	
UNIV OF CALIFORNIA CA RGTS MED UNVHGR 05/49 FIXED 6.583	6.583000	800,624	626,686	
UNIV OF CALIFORNIA CA REVENUES UNVHGR 05/45 FIXED 5.946	5.946000	806,442	633,668	
UNIV OF CALIFORNIA CA REVENUES UNVHGR 05/12 FIXED 4.858	4.858000	2,400,000	2,030,154	
Total Fixed Income - U.S. Government Securities			267,500,483	
STANDARD INDUSTRIES INC. 2021 TERM LOAN B	0.000000	187,184	187,016	

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
Total Fixed Income				563,548,792
Commingled Funds (Fixed Income)				
PIMCO FDS PAC INVT MGMT SER ASSET BKD SECS PORTFOLIO	0.000000	3,385,185		3,137,577
PIMCO FDS SHORT TERM FLTG NAV MUTUAL FUND	0.000000	189,839		189,825
Total Fixed Income Commingled Funds				3,327,402
Loans Secured by Mortgages				
BANK BANK 2019 BN20 A3	3.011000	60,150		50,905
BANK BANK 2019 BN21 A5	2.851000	96,195		81,578
FNMA TBA 30 YR 2 SINGLE FAMILY MORTGAGE	2.000000	(1,294,625)		(1,304,677)
FNMA TBA 30 YR 2.5 SINGLE FAMILY MORTGAGE	2.500000	920,305		933,278
FNMA TBA 30 YR 3.5 SINGLE FAMILY MORTGAGE	3.500000	14,700,914		14,504,882
FNMA TBA 30 YR 3.5 SINGLE FAMILY MORTGAGE	3.500000	-		-
FNMA TBA 30 YR 4 SINGLE FAMILY MORTGAGE	4.000000	10,083,461		10,169,297
FNMA TBA 30 YR 4.5 SINGLE FAMILY MORTGAGE	4.500000	6,359,977		6,430,359
FNMA TBA 30 YR 5 SINGLE FAMILY MORTGAGE	5.000000	1,081,738		1,091,750
FNMA POOL AS5068 FN 06/45 FIXED 3.5	3.500000	70,168		62,071
GNMA II TBA 30 YR 2 JUMBOS	2.000000	419,219		424,551
Total Loans Secured by Mortgages				32,443,994
Limited Partnerships/Real Estate Funds				
* AXA CAPITAL AMERICA LP LP PRIVATE PLACEMENT	0.000000	62,773		115,159
* AXA CAPITAL EUROPE LP PRIVATE PLACEMENT	0.000000	87,385		181,410
* AXA PRIVATE EQUITY FD II PRIVATE EQUITY	0.000000	9,582		6,751
* AXA SECONDARY FUND V LIMITED PARTNERSHIP	0.000000	350,441		75,420
* AXA EARLY SECONDARY FUND V MUTUAL FUND	0.000000	112,373		7,396,251
PANTHEON ASIA FUND VI LP COMMON STOCK	0.000000	8,189,492		10,297,474
PANTHEON USA FUND VIII LP LP PRIVATE PLACEMENT	0.000000	1,352,715		4,782,817
PANTHEON ASIA FUND V LP LP PRIVATE PLACEMENT	0.000000	322,706		743,195
DRA GROWTH + INCOME FUND IX	0.000000	10,816,644		15,225,193
AESF VI LP	0.000000	9,890,960		21,836,673
ARDIAN SECONDARY FUND VII LIMITED PARTNERSHIP	0.000000	4,735,145		14,882,480
NORTHLEAF GLBL PVT EQTY III LIMITED PARTNERSHIP	0.000000	1,309,769		5,108,537
WALTON STREET RE VII LIMITED PARTNERSHIP	0.000000	1		5,969,763
PORTFOLIO ADVISORS PRIVATE EQ FUND VI LP	0.000000	2,228,145		4,200,005
PANTHEON USD FUND IX LIMITED PARTNERSHIP	0.000000	4,271,533		19,996,971
DRA GROWTH AND INCOME FUND VII LIMITED PARTNERSHIP	0.000000	3,762,784		3,147,675
PORTFOLIO ADVISORS SF II LIMITED PARTNERSHIP	0.000000	6,861,702		3,755,854
WALTON STREET REAL ESTATE MUTUAL FUNDS FUND VI	0.000000	240,650		17,063,405
PANTHEON EUROPE FUND VII LP MUTUAL FUND	0.000000	157,957		5,246,916
WALTON REAL ESTATE FUND VIII, PRIVATE PLACEMENT	0.000000	5,513,564		15,419,041
Total Limited Partnerships/Real Estate Funds				155,450,990
552992935 JPM STRATEGIC PROPRT JPMCB COMMINGLED FUND	0.000000	24,096,655		51,520,198
Total Real Estate Commingled Fund				51,520,198
Total Limited Partnerships/Real Estate Funds/Commingled Fund				206,971,188

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
Preferred Stock				
* STATE STREET CORP PREFERRED STOCK VAR	0.000000	45,000		43,380
JPMORGAN CHASE + CO PREFERRED STOCK 4.2	0.000000	2,500,000		1,745,000
JPMORGAN CHASE + CO PREFERRED STOCK 4.625	0.000000	500,000		376,800
Total Preferred Stock				2,165,180
Cash Collateral				
MORGAN STANLEY/CASH COLL DOMESTIC MASTER FORWARD	0.000000	(691,000)		(691,000)
FUTURES MORGAN STANLEY COC FUTURES CASH COLLATERAL USD	0.000000	1,988,000		1,988,000
BANC OF AMERICA SEURITIES LLC TBA CASH COLLATERAL USD	0.000000	(250,000)		(250,000)
JP MORGAN SEC INC TBA CASH COLLATERAL	0.000000	270,000		270,000
BARCLAYS CAPITAL INC DOM MSF CASH COLLATERAL	0.000000	(564,000)		(564,000)
GOLDMAN SACH AND CO TBA CASH COLLATERAL	0.000000	(270,000)		(270,000)
MORGAN STANLEY TBA CASH COLLATERAL	0.000000	4,000		4,000
CCMSCZUS2 CCPC COC EQUITY MORGAN STANLEY CASH COLLATERAL	0.000000	4,395,000		4,395,000
SWAP CCPC MORGAN STANLEY COC SWAP CCPC CASH COLLATERAL	0.000000	1,085,000		1,085,000
CCPC CCMSCHUS2 COC CCPC CASH COLLATERAL USD	0.000000	172,000		172,000
FORWARDS CCUBSDUS2 USD COC FWCC CASH COLLATERAL USD	0.000000	851,000		851,000
SWAP BANK OF AMERICA COC SWAP CASH COLLATERAL USD	0.000000	2,040,000		2,040,000
SWAP BNP PARIBAS COC SWAP CASH COLLATERAL USD	0.000000	600,000		600,000
SWAP JP MORGAN COC SWAP CASH COLLATERAL USD	0.000000	380,000		380,000
MORGAN STANLEY CAP SVCS COC SWAP CASH COLLATERAL USD	0.000000	2,520,000		2,520,000
Total Cash Collateral				12,530,000
Total Investments per Financial Statements and Form 5500			\$	835,674,828

* A party-in-interest as defined by ERISA.

Rio Tinto America Inc. Retirement Plan

Schedule H - Line 4j, Schedule of Reportable Transactions - For the Year Ended December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)/(b)		(c)	(d)	(g)	(h)	(i)
Identity of Party Involved/ Description of Asset	# of Transactions	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
<i>Single transactions in excess of 5% of Plan Assets</i>						
US TREASURY N/B 05/41 2.25	1	\$ 49,940,799	\$ -	\$ 49,940,799	\$ 49,940,799	\$ -
US TREASURY N/B 05/41 2.25	1	-	50,062,500	52,430,341	50,062,500	(2,367,841)
US TREASURY N/B 11/25 4.5	1	50,281,250	-	50,281,250	50,281,250	-
US TREASURY N/B 11/25 4.5	1	49,573,000	-	49,573,000	49,573,000	-
US TREASURY N/B 11/25 4.5	1	-	49,577,313	49,603,295	49,577,313	(25,982)
US TREASURY N/B 11/25 4.5	1	50,621,837	-	50,621,837	50,621,837	-
US TREASURY N/B 11/25 4.5	1	-	50,625,000	50,372,818	50,625,000	252,182
US TREASURY N/B 11/25 4.5	1	50,653,854	-	50,653,854	50,653,854	-
US TREASURY N/B 11/25 4.5	1	-	50,656,250	50,621,837	50,656,250	34,413

Rio Tinto America Inc. Retirement Plan

Schedule H - Line 4j, Schedule of Reportable Transactions - For the Year Ended December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)/(b)	(c)	(d)	(g)	(h)	(i)	
Identity of Party Involved/ Description of Asset	# of Transactions	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
<i>Series of transactions in excess of 5% of Plan Assets</i>						
* State Street Bank + Trust Company Short Term Investment Fund	214	\$ 110,874,526	\$ -	\$ 110,874,526	\$ 110,874,526	\$ -
* State Street Bank + Trust Company Short Term Investment Fund	188	-	128,587,884	128,587,884	128,587,884	-
US Treasury Repo	3	37,200,000	-	37,200,000	37,200,000	-
US Treasury Repo	3	-	37,200,000	37,200,000	37,200,000	-
US TREASURY N/B 05/41 2.25	21	232,303,771	-	232,303,771	232,303,771	-
US TREASURY N/B 05/41 2.25	27	-	316,680,514	327,407,048	316,680,514	(10,726,534)
US TREASURY N/B 05/51 2.375	16	54,814,762	-	54,814,762	54,814,762	-
US TREASURY N/B 05/51 2.375	17	-	55,913,981	69,777,953	55,913,981	(13,863,972)
US TREASURY N/B 08/51 2	14	50,042,317	-	50,042,317	50,042,317	-
US TREASURY N/B 08/51 2	19	-	58,546,641	59,113,469	58,546,641	(566,828)
US TREASURY N/B 11/51 1.875	139	1,932,571,675	-	1,932,571,675	1,932,571,675	-
US TREASURY N/B 11/51 1.875	135	-	1,890,131,705	1,908,396,655	1,890,131,705	(18,264,950)
US TREASURY N/B 02/52 2.25	44	284,572,873	-	284,572,873	284,572,873	-
US TREASURY N/B 02/52 2.25	40	-	266,826,374	270,438,062	266,826,374	(3,611,688)
US TREASURY N/B 05/52 2.875	40	151,925,578	-	151,925,578	151,925,578	-
US TREASURY N/B 05/52 2.875	28	-	137,742,969	140,657,744	137,742,969	(2,914,775)
US TREASURY N/B 08/42 3.375	30	199,591,215	-	199,591,215	199,591,215	-
US TREASURY N/B 08/42 3.375	25	-	171,580,563	172,202,270	171,580,563	(621,707)
US TREASURY N/B 11/42 4	18	273,343,588	-	273,343,588	273,343,588	-
US TREASURY N/B 11/42 4	17	-	258,428,813	258,650,128	258,428,813	(221,315)
US TREASURY N/B 02/31 1.125	11	39,797,164	-	39,797,164	39,797,164	-
US TREASURY N/B 02/31 1.125	12	-	44,630,789	44,870,234	44,630,789	(239,445)
Continued						

Rio Tinto America Inc. Retirement Plan

Schedule H - Line 4j, Schedule of Reportable Transactions - For the Year Ended December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)/(b)	(c)	(d)	(g)	(h)	(i)
Identity of Party Involved/ Description of Asset	# of Transactions	Purchase Price	Selling Price	Current Value of Asset on Transaction Date	Net Gain (Loss)
US TREASURY N/B 11/31 1.375	25	135,902,929	-	135,902,929	-
US TREASURY N/B 11/31 1.375	27	-	143,756,866	144,124,291	(367,425)
US TREASURY N/B 02/32 1.875	74	457,979,340	-	457,979,340	-
US TREASURY N/B 02/32 1.875	77	-	452,022,169	452,896,094	(873,925)
US TREASURY N/B 11/25 4.5	17	560,335,653	-	560,335,653	-
US TREASURY N/B 11/25 4.5	16	-	553,033,281	552,866,987	166,294
Centrally Cleared Interest Rate Swaps (IRS) - SWUV1D6C8	6	29,528,748	-	29,528,748	-
Centrally Cleared Interest Rate Swaps (IRS) - SWUV1D6C8	8	-	30,613,567	29,528,748	1,084,819
Centrally Cleared Interest Rate Swaps (IRS) - SWU01D6C6	8	28,400,000	-	28,400,000	-
Centrally Cleared Interest Rate Swaps (IRS) - SWU01D6C6	6	-	28,400,000	28,400,000	-
PIMCO FDS SHORT TERM FLTG NAV MUTUAL FUND	57	76,513,473	-	76,513,473	-
PIMCO FDS SHORT TERM FLTG NAV MUTUAL FUND	38	-	76,500,000	76,501,542	(1,542)

**Represents a party-in-interest as defined by ERISA.*

There were no category (ii) or (iv) reportable transactions during 2022.

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
EIN: 11-3359689 PN: 001

Schedule SB, line 26a—Schedule of Active Participant Data as of January 1, 2022

**Schedule SB, Line 26—Schedule of Active Participant Data
As of January 1, 2022**

**Rio Tinto
Rio Tinto America Inc. Retirement Plan
Legacy RTA and Alcan Active Employees**

EIN: 11-3359689 PN: 001

Number of Participants, Average Compensation and Average Cash Balance Account

Attained Age	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34										
35-39	1	4			2	1				
40-44	8	14	2	2	10					
45-49	3	17	5	2	18	1				
50-54	4	15	6	3	21 \$126,158 \$19,396	1	1	1		
55-59	2	7	3	2	21 \$147,411 \$21,466	3	1	1		
60-64	1	2	7	5	22 \$150,406 \$87,450	4	3	1	4	3
65-69	2	1	3		6		2	1		2
70+			1		1			1		

N-254

Note: The average cash balance account shown is an average of the cash balance accounts for all plan participants, including those with a balance of \$0.

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
EIN: 11-3359689 PN: 001

**Schedule SB, Line 26—Schedule of Active Participant Data
As of January 1, 2022**

**Rio Tinto
Rio Tinto America Inc. Retirement Plan
Legacy Kennecott Active Employees
EIN: 11-3359689 PN: 001**

Attained Age	Number of Participants Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25		2								
25-29		33	10							
30-34		36	23	14						
35-39	2	38	50	53	24					
40-44	4	46	50	66	42	10				
45-49	1	30	36	66	36	30	13			
50-54	1	30	40	51	30	33	23	6		
55-59		20	23	42	28	23	22	5		1
60-64		10	16	20	24	18	13	5	3	17
65-69		3	2	8	5	7	2	3		7
70+				1						

N-1,257

Note: Current compensation data was not included since current compensation is not taken into account under the plan's benefit formula.

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
EIN: 11-3359689 PN: 001

**Schedule SB, Line 26—Schedule of Active Participant Data
As of January 1, 2022**

**Rio Tinto
Rio Tinto America Inc. Retirement Plan
Legacy Borax Active Employees
EIN: 11-3359689 PN: 001**

Attained Age	Number of Participants Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34		1	1	4						
35-39		3	4	12	4					
40-44	1	8	3	14	13	2				
45-49	1	1	5	11	11	12	5			
50-54		2	4	9	10	14	6	2		
55-59		5	2	9	9	17	1	5	4	2
60-64	1	1	2	11	8	12	10	5	5	9
65-69				1	2	2				8
70+										1

N-295

Note: Current compensation data was not included since current compensation is not taken into account under the plan's benefit formula.

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Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2021), each adjusted as needed to fall within the 25-year average interest rate stabilization corridor
1st Segment Rate	4.75%
2nd Segment Rate	5.18%
3rd Segment Rate	5.92%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2021), without regard to interest rate stabilization
1st Segment Rate	1.07%
2nd Segment Rate	2.68%
3rd Segment Rate	3.36%
Salary Increases	3.90%
Cash Balance Interest Crediting Rate	5.00%
Cash Balance Annuity Conversion Rate	Same as funding interest rates above
Social Security Wage Base Increases	Future wage indices are based on a national wage increase of 2.90% per year, based on an inflation assumption of 2.40% plus 0.50% per year.
Optional Payment Form Election Percentage for the Legacy-RTA and Legacy-Alcan Plans	30% life annuity
Non-Cash Balance RTA Active Participants	30% joint and 50% life annuity
	30% joint and 100% life annuity
	10% 10 year certain and life annuity
Non-Cash Balance RTA Terminated Vested Participants	30% life annuity
	30% joint and 50% life annuity
	30% joint and 100% life annuity
	10% 10 year certain and life annuity
Cash Balance Active Participants	100% lump sum immediately for participants that retire from active service
	100% lump sum at assumed average terminated vested retirement age (see Table 4) for participants that terminate prior to retirement eligibility

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Cash Balance Terminated Vested Participants	100% lump sum at assumed terminated vested retirement age (see Table 4)
Active and Vested Legacy ACP Participants	20% 5-year certain and life annuity 50% joint and 50% survivor annuity 30% joint and 100% survivor annuity
Active PPPI and All Other Vested Participants	50% single life annuity 25% joint and 50% survivor annuity 25% joint and 100% survivor annuity
RTA and Alcan Optional Payment Form Conversion Interest Rate and Mortality Lump Sums All Other Optional Forms	Same as funding interest rates above 6.00%
RTA and Alcan Optional Payment Form Conversion Mortality Lump Sums All Other Optional Forms	Current IRC section 417(e) table for lump sums 2022 417(e) mortality table
Optional Payment Form Election Percentage for the Legacy-Borax Plan Active Participants	35% life annuity 35% joint and 50% survivor annuity 10% joint and 66 2/3% survivor annuity 20% joint and 100% survivor annuity
Terminated Vested Participants	65% life annuity 20% joint and 50% survivor annuity 15% joint and 100% survivor annuity
Optional Payment Form Conversion for the Legacy-Borax Plan Optional Payment Form Election Percentage for the Legacy-Kennecott Plan Active Participants	6.00% interest rate and 2022 417(e) Mortality Table. 30% life annuity 70% joint and 55% survivor annuity
Terminated Vested Participants	45% life annuity 30% joint and 55% survivor annuity 25% joint and 100% survivor annuity
Optional Payment Form Conversion for the Legacy-Kennecott Plan	The joint and 55% survivor annuity monthly benefit is equal to 90% of the monthly benefit

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payable as a life annuity.

The joint and 100% survivor annuity monthly benefit is converted using an interest rate of 6% and the 2022 417(e) Mortality Table.

Retirement Age

Active Participants – RTA and Alcan	See Table 1
Active Participants – Kennecott	See Table 2
Active Participants – Borax	See Table 3
Terminated Vested Participants – RTA and Alcan	See Table 4
Terminated Vested Participants – Kennecott	Age 62
Terminated Vested Participants – Borax	Age 61
Alcan LTD Participants	Age 65

Mortality Rates

Healthy and Disabled

2022 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(e) and IRS Notice 2019-067

Withdrawal Rates – RTA and Alcan

See Table 5

Withdrawal Rates – Kennecott

See Table 6

Withdrawal Rates – Borax

See Table 7

Disability Rates – Kennecott

See Table 8

Decrement Timing

Middle of year decrements (except that retirement is assumed to occur at the beginning of the year for ages where the assumed retirement rate is 100%)

Surviving Spouse Benefit

It is assumed that 75% of males and 75% of females have an eligible spouse, and that males are three years older than their spouses.

Valuation Compensation

2021 pensionable earnings rolled forward one year with the salary increase assumption.

Benefit and Compensation Limits

Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of \$245,000 and the IRC section 401(a)(17) compensation limit of \$305,000.

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Valuation of Plan Assets

Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.

A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).

Expected Return on Assets

2020 Plan Year	4.90%
2021 Plan Year	4.10%
2022 Plan Year	4.40%

Trust Expenses Included in Target Normal Cost

\$2,767,421, based on the prior year's actual plan administrative expenses (excluding PBGC premiums) plus the estimated PBGC premium for the current year.

Actuarial Method

Standard unit credit cost method

Valuation Date

January 1, 2022

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Table 1

Retirement Rates—RTA and Alcan Active Participants

<u>Age</u>	<u>Rate</u>
55	10.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	10.00%
61	10.00%
62	25.00%
63	15.00%
64	15.00%
65	50.00%
66	50.00%
67	50.00%
68	50.00%
69	50.00%
70+	100.00%

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Retirement Rates – Kennecott Active Participants

Age	Years of Service					
	0-4	5-9	10	11	12	13
50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
53	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
54	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
55	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
56	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
57	0.00%	0.00%	0.00%	0.00%	0.00%	3.00%
58	0.00%	0.00%	0.00%	0.00%	3.00%	3.00%
59	0.00%	0.00%	0.00%	3.00%	3.00%	3.00%
60	0.00%	0.00%	3.00%	3.00%	3.00%	3.00%
61	0.00%	0.00%	3.00%	3.00%	3.00%	3.00%
62	0.00%	0.00%	3.00%	3.00%	3.00%	3.00%
63	0.00%	0.00%	3.00%	3.00%	3.00%	3.00%
64	0.00%	0.00%	3.00%	3.00%	3.00%	3.00%
65	0.00%	25.00%	25.00%	25.00%	25.00%	25.00%
66	0.00%	25.00%	25.00%	25.00%	25.00%	25.00%
67	0.00%	25.00%	25.00%	25.00%	25.00%	25.00%
68	0.00%	50.00%	50.00%	50.00%	50.00%	50.00%
69	0.00%	50.00%	50.00%	50.00%	50.00%	50.00%
70+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

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Retirement Rates – Kennecott Active Participants

Age	Years of Service					
	14	15-25	26	27	28	29
50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
51	0.00%	0.00%	0.00%	0.00%	0.00%	3.00%
52	0.00%	0.00%	0.00%	0.00%	3.00%	3.00%
53	0.00%	0.00%	0.00%	3.00%	3.00%	3.00%
54	0.00%	0.00%	3.00%	3.00%	3.00%	3.00%
55	0.00%	3.00%	3.00%	3.00%	3.00%	3.00%
56	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
57	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
58	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
59	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
60	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
61	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
62	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
63	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
64	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
65	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
66	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
67	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
68	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
69	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
70+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

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Retirement Rates – Kennecott Active Participants

Age	<u>Years of Service</u>
	30+
50	3.00%
51	3.00%
52	3.00%
53	3.00%
54	3.00%
55	3.00%
56	3.00%
57	3.00%
58	3.00%
59	3.00%
60	25.00%
61	25.00%
62	25.00%
63	25.00%
64	25.00%
65	25.00%
66	25.00%
67	25.00%
68	50.00%
69	50.00%
70+	100.00%

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Table 3

Retirement Rates – Borax Active Participants

<u>Age</u>	<u>Rate</u>
55	2.00%
56	2.00%
57	5.00%
58	5.00%
59	10.00%
60	10.00%
61	10.00%
62	40.00%
63	25.00%
64	10.00%
65	50.00%
66	50.00%
67	50.00%
68	50.00%
69	50.00%
70+	100.00%

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Table 4

Retirement Rates—Terminated Vested Participants (RTA)

Age	Rate
55	10.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	10.00%
61	10.00%
62	25.00%
63	15.00%
64	15.00%
65	100.00%
66	100.00%
67	100.00%
68	100.00%
69	100.00%
70+	100.00%

Retirement Rates—Terminated Vested Participants (Alcan)

Age	Rate
55	10.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	10.00%
61	10.00%
62	15.00%
63	20.00%
64	15.00%
65+	100.00%

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Table 5

Withdrawal Rates – RTA and Alcan

Age	Rate	Age	Rate
18	0.00%	48	4.20%
19	15.00%	49	3.60%
20	15.00%	50	3.00%
21	15.00%	51	3.00%
22	15.00%	52	3.00%
23	15.00%	53	3.00%
24	15.00%	54	3.00%
25	15.00%	55+	3.00%
26	14.40%		
27	13.80%		
28	13.20%		
29	12.60%		
30	12.00%		
31	11.60%		
32	11.20%		
33	10.80%		
34	10.40%		
35	10.00%		
36	9.60%		
37	9.20%		
38	8.80%		
39	8.40%		
40	8.00%		
41	7.60%		
42	7.20%		
43	6.80%		
44	6.40%		
45	6.00%		
46	5.40%		
47	4.80%		

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Table 6

Withdrawal Rates – Kennecott

Age	Male	Female	Age	Male	Female
19	12.30%	17.20%	49	1.50%	0.36%
20	11.60%	16.30%	50	1.50%	0.30%
21	10.90%	15.40%	51	1.50%	0.26%
22	10.20%	14.50%	52	1.50%	0.22%
23	9.50%	13.60%	53	1.50%	0.18%
24	8.80%	12.70%	54	1.50%	0.14%
25	8.10%	11.80%	55	1.50%	0.10%
26	7.40%	10.90%	56	1.50%	0.06%
27	6.70%	10.00%	57	1.50%	0.02%
28	6.00%	9.10%	58	1.50%	0.00%
29	5.30%	8.20%	59	1.50%	0.00%
30	4.60%	7.30%	60	1.50%	0.00%
31	4.18%	6.60%	61	1.50%	0.00%
32	3.76%	5.90%	62	1.50%	0.00%
33	3.34%	5.20%	63	1.50%	0.00%
34	2.92%	4.50%	64	1.50%	0.00%
35	2.50%	3.80%	65+	0.00%	0.00%
36	2.30%	3.40%			
37	2.10%	3.00%			
38	1.90%	2.60%			
39	1.70%	2.20%			
40	1.50%	1.80%			
41	1.50%	1.56%			
42	1.50%	1.32%			
43	1.50%	1.08%			
44	1.50%	0.84%			
45	1.50%	0.60%			
46	1.50%	0.54%			
47	1.50%	0.48%			
48	1.50%	0.42%			

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Withdrawal Rates – Borax—Male

Age	Years of Service					
	0	1	2	3	4	5+
18	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
19	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
20	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
21	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
22	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
23	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
24	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
25	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
26	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
27	11.00%	10.00%	9.00%	8.00%	7.00%	7.00%
28	11.00%	10.00%	9.00%	8.00%	7.00%	6.74%
29	11.00%	10.00%	9.00%	8.00%	7.00%	6.27%
30	11.00%	10.00%	9.00%	8.00%	7.00%	5.80%
31	11.00%	10.00%	9.00%	8.00%	7.00%	5.49%
32	11.00%	10.00%	9.00%	8.00%	7.00%	5.18%
33	11.00%	10.00%	9.00%	8.00%	7.00%	4.87%
34	11.00%	10.00%	9.00%	8.00%	7.00%	4.56%
35	11.00%	10.00%	9.00%	8.00%	7.00%	4.25%
36	11.00%	10.00%	9.00%	8.00%	7.00%	3.94%
37	11.00%	10.00%	9.00%	8.00%	7.00%	3.63%
38	11.00%	10.00%	9.00%	8.00%	7.00%	3.32%
39	11.00%	10.00%	9.00%	8.00%	7.00%	3.01%
40	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
41	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
42	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
43	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
44	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%

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Withdrawal Rates – Borax—Male

Age	Years of Service					
	0	1	2	3	4	5+
45	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
46	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
47	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
48	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
49	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
50	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
51	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
52	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
53	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
54	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
55	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
56	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
57	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
58	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
59	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%
60+	11.00%	10.00%	9.00%	8.00%	7.00%	3.00%

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Withdrawal Rates – Borax—Female

Age	Years of Service					
	0	1	2	3	4	5+
18	14.00%	13.00%	12.00%	11.00%	10.00%	8.15%
19	14.00%	13.00%	12.00%	11.00%	10.00%	8.15%
20	14.00%	13.00%	12.00%	11.00%	10.00%	8.15%
21	14.00%	13.00%	12.00%	11.00%	10.00%	8.15%
22	14.00%	13.00%	12.00%	11.00%	10.00%	8.15%
23	14.00%	13.00%	12.00%	11.00%	10.00%	8.15%
24	14.00%	13.00%	12.00%	11.00%	10.00%	8.15%
25	14.00%	13.00%	12.00%	11.00%	10.00%	8.15%
26	14.00%	13.00%	12.00%	11.00%	10.00%	7.68%
27	14.00%	13.00%	12.00%	11.00%	10.00%	7.21%
28	14.00%	13.00%	12.00%	11.00%	10.00%	6.74%
29	14.00%	13.00%	12.00%	11.00%	10.00%	6.27%
30	14.00%	13.00%	12.00%	11.00%	10.00%	5.80%
31	14.00%	13.00%	12.00%	11.00%	10.00%	5.49%
32	14.00%	13.00%	12.00%	11.00%	10.00%	5.18%
33	14.00%	13.00%	12.00%	11.00%	10.00%	4.87%
34	14.00%	13.00%	12.00%	11.00%	10.00%	4.56%
35	14.00%	13.00%	12.00%	11.00%	10.00%	4.25%
36	14.00%	13.00%	12.00%	11.00%	10.00%	3.94%
37	14.00%	13.00%	12.00%	11.00%	10.00%	3.63%
38	14.00%	13.00%	12.00%	11.00%	10.00%	3.32%
39	14.00%	13.00%	12.00%	11.00%	10.00%	3.01%
40	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
41	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
42	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
43	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
44	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%

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Withdrawal Rates – Borax—Female

Age	Years of Service					
	0	1	2	3	4	5+
45	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
46	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
47	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
48	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
49	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
50	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
51	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
52	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
53	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
54	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
55	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
56	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
57	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
58	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
59	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%
60+	14.00%	13.00%	12.00%	11.00%	10.00%	3.00%

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
EIN: 11-3359689 PN: 001

Table 8

Disability Rates – Kennecott

Age	Male	Female	Age	Male	Female
15	0.015%	0.015%	45	0.080%	0.120%
16	0.015%	0.015%	46	0.090%	0.135%
17	0.015%	0.015%	47	0.105%	0.150%
18	0.015%	0.015%	48	0.125%	0.165%
19	0.015%	0.015%	49	0.140%	0.180%
20	0.015%	0.015%	50	0.165%	0.200%
21	0.015%	0.015%	51	0.195%	0.220%
22	0.015%	0.015%	52	0.230%	0.245%
23	0.015%	0.015%	53	0.265%	0.270%
24	0.015%	0.015%	54	0.305%	0.295%
25	0.015%	0.015%	55	0.345%	0.320%
26	0.015%	0.015%	56	0.385%	0.345%
27	0.015%	0.015%	57	0.430%	0.370%
28	0.015%	0.020%	58	0.475%	0.400%
29	0.015%	0.020%	59	0.525%	0.425%
30	0.015%	0.020%	60	0.575%	0.450%
31	0.015%	0.025%	61	0.630%	0.480%
32	0.015%	0.025%	62	0.690%	0.505%
33	0.015%	0.030%	63	0.755%	0.525%
34	0.015%	0.030%	64	0.820%	0.545%
35	0.020%	0.035%	65+	0.000%	0.000%
36	0.020%	0.040%			
37	0.025%	0.045%			
38	0.030%	0.050%			
39	0.035%	0.060%			
40	0.040%	0.065%			
41	0.045%	0.075%			
42	0.050%	0.085%			
43	0.060%	0.095%			
44	0.070%	0.110%			

Rio Tinto America Inc. Retirement Plan

Schedule H - Line 4j, Schedule of Reportable Transactions - For the Year Ended December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)/(b)		(c)	(d)	(g)	(h)	(i)
Identity of Party Involved/ Description of Asset	# of Transactions	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
<i>Single transactions in excess of 5% of Plan Assets</i>						
US TREASURY N/B 05/41 2.25	1	\$ 49,940,799	\$ -	\$ 49,940,799	\$ 49,940,799	\$ -
US TREASURY N/B 05/41 2.25	1	-	50,062,500	52,430,341	50,062,500	(2,367,841)
US TREASURY N/B 11/25 4.5	1	50,281,250	-	50,281,250	50,281,250	-
US TREASURY N/B 11/25 4.5	1	49,573,000	-	49,573,000	49,573,000	-
US TREASURY N/B 11/25 4.5	1	-	49,577,313	49,603,295	49,577,313	(25,982)
US TREASURY N/B 11/25 4.5	1	50,621,837	-	50,621,837	50,621,837	-
US TREASURY N/B 11/25 4.5	1	-	50,625,000	50,372,818	50,625,000	252,182
US TREASURY N/B 11/25 4.5	1	50,653,854	-	50,653,854	50,653,854	-
US TREASURY N/B 11/25 4.5	1	-	50,656,250	50,621,837	50,656,250	34,413

Rio Tinto America Inc. Retirement Plan

Schedule H - Line 4j, Schedule of Reportable Transactions - For the Year Ended December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)/(b)	(c)	(d)	(g)	(h)	(i)	
Identity of Party Involved/ Description of Asset	# of Transactions	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
<i>Series of transactions in excess of 5% of Plan Assets</i>						
* State Street Bank + Trust Company Short Term Investment Fund	214	\$ 110,874,526	\$ -	\$ 110,874,526	\$ 110,874,526	\$ -
* State Street Bank + Trust Company Short Term Investment Fund	188	-	128,587,884	128,587,884	128,587,884	-
US Treasury Repo	3	37,200,000	-	37,200,000	37,200,000	-
US Treasury Repo	3	-	37,200,000	37,200,000	37,200,000	-
US TREASURY N/B 05/41 2.25	21	232,303,771	-	232,303,771	232,303,771	-
US TREASURY N/B 05/41 2.25	27	-	316,680,514	327,407,048	316,680,514	(10,726,534)
US TREASURY N/B 05/51 2.375	16	54,814,762	-	54,814,762	54,814,762	-
US TREASURY N/B 05/51 2.375	17	-	55,913,981	69,777,953	55,913,981	(13,863,972)
US TREASURY N/B 08/51 2	14	50,042,317	-	50,042,317	50,042,317	-
US TREASURY N/B 08/51 2	19	-	58,546,641	59,113,469	58,546,641	(566,828)
US TREASURY N/B 11/51 1.875	139	1,932,571,675	-	1,932,571,675	1,932,571,675	-
US TREASURY N/B 11/51 1.875	135	-	1,890,131,705	1,908,396,655	1,890,131,705	(18,264,950)
US TREASURY N/B 02/52 2.25	44	284,572,873	-	284,572,873	284,572,873	-
US TREASURY N/B 02/52 2.25	40	-	266,826,374	270,438,062	266,826,374	(3,611,688)
US TREASURY N/B 05/52 2.875	40	151,925,578	-	151,925,578	151,925,578	-
US TREASURY N/B 05/52 2.875	28	-	137,742,969	140,657,744	137,742,969	(2,914,775)
US TREASURY N/B 08/42 3.375	30	199,591,215	-	199,591,215	199,591,215	-
US TREASURY N/B 08/42 3.375	25	-	171,580,563	172,202,270	171,580,563	(621,707)
US TREASURY N/B 11/42 4	18	273,343,588	-	273,343,588	273,343,588	-
US TREASURY N/B 11/42 4	17	-	258,428,813	258,650,128	258,428,813	(221,315)
US TREASURY N/B 02/31 1.125	11	39,797,164	-	39,797,164	39,797,164	-
US TREASURY N/B 02/31 1.125	12	-	44,630,789	44,870,234	44,630,789	(239,445)
Continued						

Rio Tinto America Inc. Retirement Plan

Schedule H - Line 4j, Schedule of Reportable Transactions - For the Year Ended December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)/(b)		(c)	(d)	(g)	(h)	(i)
Identity of Party Involved/ Description of Asset	# of Transactions	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
US TREASURY N/B 11/31 1.375	25	135,902,929	-	135,902,929	135,902,929	-
US TREASURY N/B 11/31 1.375	27	-	143,756,866	144,124,291	143,756,866	(367,425)
US TREASURY N/B 02/32 1.875	74	457,979,340	-	457,979,340	457,979,340	-
US TREASURY N/B 02/32 1.875	77	-	452,022,169	452,896,094	452,022,169	(873,925)
US TREASURY N/B 11/25 4.5	17	560,335,653	-	560,335,653	560,335,653	-
US TREASURY N/B 11/25 4.5	16	-	553,033,281	552,866,987	553,033,281	166,294
Centrally Cleared Interest Rate Swaps (IRS) - SWUV1D6C8	6	29,528,748	-	29,528,748	29,528,748	-
Centrally Cleared Interest Rate Swaps (IRS) - SWUV1D6C8	8	-	30,613,567	29,528,748	30,613,567	1,084,819
Centrally Cleared Interest Rate Swaps (IRS) - SWU01D6C6	8	28,400,000	-	28,400,000	28,400,000	-
Centrally Cleared Interest Rate Swaps (IRS) - SWU01D6C6	6	-	28,400,000	28,400,000	28,400,000	-
PIMCO FDS SHORT TERM FLTG NAV MUTUAL FUND	57	76,513,473	-	76,513,473	76,513,473	-
PIMCO FDS SHORT TERM FLTG NAV MUTUAL FUND	38	-	76,500,000	76,501,542	76,500,000	(1,542)

**Represents a party-in-interest as defined by ERISA.*

There were no category (ii) or (iv) reportable transactions during 2022.

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information <p>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).</p> <p>► File as an attachment to Form 5500 or 5500-SF.</p>	<small>OMB No. 1210-0110</small> 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

► **Round off amounts to nearest dollar.**

► **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan Rio Tinto America Inc. Retirement Plan	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Rio Tinto America Inc.	D Employer identification number (EIN) 11-3359689	
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B		
F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500		

Part I Basic Information			
1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2022</u>		
2	Assets:		
	a Market value	2a	983,512,353
	b Actuarial value	2b	948,093,490
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	3,295	382,014,357
	b For terminated vested participants	2,811	148,666,716
	c For active participants	1,747	142,524,200
	d Total	7,853	673,205,273
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐		
	a Funding target disregarding prescribed at-risk assumptions	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5	Effective interest rate	5	5.44%
6	Target normal cost		
	a Present value of current plan year accruals	6a	7,333,078
	b Expected plan-related expenses	6b	2,767,421
	c Total (line 6a + line 6b)	6c	10,100,499

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	 Signature of actuary	<u>08/10/2023</u> Date <u>2307419</u> Most recent enrollment number <u>303-639-4157</u> Telephone number (including area code)
	<u>Troy Ware</u> Type or print name of actuary <u>Aon Consulting, Inc.</u> Firm name MSC# 17858, Aon PO Box 803507 Dallas TX 75380 Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2022
v. 220413

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	245,173,276
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	14,786,256
9	Amount remaining (line 7 minus line 8)	0	230,387,020
10	Interest on line 9 using prior year's actual return of <u>4.14</u> %	0	9,538,023
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.62</u> %		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12)	0	239,925,043

Part III		Funding Percentages	
14	Funding target attainment percentage	14	103.15 %
15	Adjusted funding target attainment percentage	15	138.09 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	96.12 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV		Contributions and Liquidity Shortfalls			
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ▶			18(b)	0	18(c)
				0	0

19 Discounted employer contributions -- see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.75 %	2nd segment: 5.18 %	3rd segment: 5.92 %	☐ N/A, full yield curve used
b Applicable month (enter code)	21b			4
22 Weighted average retirement age	22			63
23 Mortality table(s) (see instructions)	☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
26 Demographic and benefit information		
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	☒ Yes	☐ No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.	27	
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Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):												
a Target normal cost (line 6c)	31a	10,100,499										
b Excess assets, if applicable, but not greater than line 31a	31b	10,100,499										
32 Amortization installments:	<table border="1"> <thead> <tr> <th></th> <th>Outstanding Balance</th> <th>Installment</th> </tr> </thead> <tbody> <tr> <td>a Net shortfall amortization installment</td> <td>0</td> <td>0</td> </tr> <tr> <td>b Waiver amortization installment</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Outstanding Balance	Installment	a Net shortfall amortization installment	0	0	b Waiver amortization installment	0	0
	Outstanding Balance	Installment										
a Net shortfall amortization installment	0	0										
b Waiver amortization installment	0	0										
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33											
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	0										
	Carryover balance	Prefunding balance	Total balance									
35 Balances elected for use to offset funding requirement	0	0	0									
36 Additional cash requirement (line 34 minus line 35)	36	0										
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0										
38 Present value of excess contributions for current year (see instructions)												
a Total (excess, if any, of line 37 over line 36)	38a	0										
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0										
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0										
40 Unpaid minimum required contributions for all years	40	0										

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☐ 2020 ☒ 2021
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Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
EIN: 11-3359689 PN: 001

Schedule SB, line 22—Description of Weighted Average Retirement Age

Weighted Average Retirement Age:

Legacy Plan	Number of Participants Exposed	Weighted Average Retirement Age
RTA and Alcan	231	62.28
Borax	279	62.51
Kennecott	1,237	63.86
Total	1,747	63.44

Below are the descriptions for the individual weighted average retirement ages for each of the legacy plans.

Legacy Rio Tinto America and Rio Tinto Alcan (U.S.) plans

The average retirement age has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	10.00%	1.0000	5.55
56.5	5.00%	0.9000	2.54
57.5	5.00%	0.8550	2.46
58.5	5.00%	0.8123	2.38
59.5	5.00%	0.7716	2.30
60.5	10.00%	0.7331	4.43
61.5	10.00%	0.6598	4.06
62.5	25.00%	0.5938	9.28
63.5	15.00%	0.4453	4.24
64.5	15.00%	0.3785	3.66
65.5	50.00%	0.3218	10.54
66.5	50.00%	0.1609	5.35
67.5	50.00%	0.0804	2.71
68.5	50.00%	0.0402	1.38
69.5	50.00%	0.0201	0.70
70	100.00%	0.0101	0.70
Weighted Average			62.28

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
EIN: 11-3359689 PN: 001

Legacy Borax Hourly plan

The average retirement age has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	2.00%	1.0000	1.11
56.5	2.00%	0.9800	1.11
57.5	5.00%	0.9604	2.76
58.5	5.00%	0.9124	2.67
59.5	10.00%	0.8668	5.16
60.5	10.00%	0.7801	4.72
61.5	10.00%	0.7021	4.32
62.5	40.00%	0.6319	15.80
63.5	25.00%	0.3791	6.02
64.5	10.00%	0.2843	1.83
65.5	50.00%	0.2559	8.38
66.5	50.00%	0.1280	4.25
67.5	50.00%	0.0640	2.16
68.5	50.00%	0.0320	1.10
69.5	50.00%	0.0160	0.56
70	100.00%	0.0080	0.56
Weighted Average			62.51

Legacy Kennecott Utah Copper Hourly plan

The retirement decrement rates at each age depend on age and service. The rates that apply at each age are summarized below:

Retirement rates are 3% at the earliest retirement eligible age (Age + Service = 70, or Service = 30), 25% at ages 65-67 (ages 60-67 for those with at least 30 years of service), 50% at ages 68-69, and 100% at age 70, resulting in a weighted average retirement age of 63.86.

In calculating the weighted average retirement age, the weight applied to each age is (a)/(b), where (a) and (b) are defined as follows:

- (a) The number of participants expected to retire at the retirement age to which the weight is being applied. The number of participants expected to retire is estimated by applying the assumed retirement decrement rates to the current active population at that age.
- (b) The total number of participants expected to retire. The number of participants expected to retire is estimated by applying the assumed retirement decrement rates to the current active population.

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
EIN: 11-3359689 PN: 001

Schedule SB, line 26b—Schedule Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2022	1,904,546	8,160,643	37,613,554	47,678,743
2023	3,065,499	5,520,738	36,416,725	45,002,962
2024	4,281,441	7,079,940	35,434,025	46,795,406
2025	5,310,232	7,163,987	34,384,696	46,858,916
2026	6,179,300	7,978,390	33,306,852	47,464,542
2027	6,993,051	8,506,469	32,193,234	47,692,754
2028	7,836,227	9,063,593	31,038,130	47,937,950
2029	8,569,424	9,494,717	29,834,794	47,898,934
2030	9,261,384	10,076,481	28,589,173	47,927,039
2031	9,924,851	10,449,907	27,306,901	47,681,660
2032	10,523,792	10,533,294	25,988,901	47,045,986
2033	11,060,775	11,045,076	24,651,346	46,757,196
2034	11,561,615	11,200,624	23,278,909	46,041,148
2035	12,093,547	11,203,406	21,886,757	45,183,710
2036	12,523,490	11,311,245	20,485,646	44,320,381
2037	12,896,091	11,239,367	19,112,344	43,247,803
2038	13,234,220	11,237,316	17,755,617	42,227,153
2039	13,548,547	11,172,504	16,431,821	41,152,871
2040	13,807,195	11,128,180	15,131,120	40,066,495
2041	13,994,424	10,963,765	13,870,690	38,828,879
2042	14,133,475	10,759,694	12,649,868	37,543,038
2043	14,244,987	10,557,930	11,471,476	36,274,394
2044	14,219,663	10,279,779	10,342,199	34,841,641
2045	14,154,952	9,983,580	9,264,913	33,403,445
2046	14,019,431	9,672,715	8,242,422	31,934,567
2047	13,817,045	9,295,388	7,282,935	30,395,369
2048	13,529,101	8,876,717	6,378,771	28,784,590
2049	13,171,968	8,441,933	5,538,315	27,152,216
2050	12,752,309	7,981,881	4,764,383	25,498,572
2051	12,287,537	7,505,232	4,059,232	23,852,002
2052	11,788,733	7,013,029	3,424,243	22,226,005
2053	11,259,541	6,512,616	2,859,589	20,631,746
2054	10,703,084	6,009,062	2,364,063	19,076,209
2055	10,131,359	5,512,322	1,935,100	17,578,781
2056	9,547,168	5,027,224	1,568,888	16,143,280
2057	8,965,641	4,558,333	1,260,622	14,784,596
2058	8,387,851	4,109,373	1,004,734	13,501,958
2059	7,817,083	3,683,555	795,201	12,295,838
2060	7,253,507	3,283,399	625,845	11,162,750
2061	6,703,445	2,910,554	490,591	10,104,590
2062	6,170,479	2,566,056	383,727	9,120,262
2063	5,656,969	2,250,278	310,387	8,217,633
2064	5,164,319	1,963,026	245,390	7,372,734

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2065	4,694,039	1,703,583	195,183	6,592,804
Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2066	4,246,846	1,470,826	156,538	5,874,210
2067	3,823,519	1,263,320	126,833	5,213,673
2068	3,424,726	1,079,407	103,979	4,608,112
2069	3,051,018	917,318	86,339	4,054,676
2070	2,702,644	775,238	72,655	3,550,537
2071	2,379,690	651,355	61,965	3,093,010

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Schedule SB, Part V—Summary of Plan Provisions

Plan Provisions—Legacy RTA Plan

Effective Date January 1, 2003.

Date of Participation First day of the month after completing one year of service. Participation is closed to new entrants as of April 1, 2007. Participants who were active in the RTA plan at that time were given the option to either stay in the RTA plan or transfer to the Investment Partnership Plan (IPP) as of September 30, 2007.

As of October 1, 2012, Cleveland Salaried employees that were participants in the AlcanCorp Pension Plan before 2012 began accruing in the RTA Plan. Benefits in the RTA Plan are calculated using pay and service earned after the date of transfer into the RTA Plan. However, participants receive vesting service from date of hire.

As of January 1, 2013, all remaining active PPPI, active Cable, and LTD participants in the AlcanCorp Pension Plan began accruing in the RTA Plan. Benefits in the RTA Plan are calculated using pay and service earned after the date of transfer into the RTA Plan. However, participants receive vesting service from date of hire.

As of January 1, 2015, active participants who are rehired into the IPP with a break in service of less than five years are eligible to receive pay increases to their RTA Plan benefit, even if they did not choose to transfer to the IPP in 2007.

As of November 6, 2017, all participants who were part of the annuity contract purchase that occurred on October 31, 2017 are no longer participants under the plan.

As of April 9, 2019, all participants who were part of the annuity contract purchase that occurred on April 2, 2019 are no longer participants under the plan.

As of December 31, 2019, all participants who were part of the Alcan plan were merged into the RTA plan.

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As of December 31, 2019, all participants who were part of the Kennecott and Borax plans were merged into the RTA plan.

Normal Retirement

Eligibility

Age 65.

Total Benefit

(a) For service before January 1, 2003:

See supplements.

(b) For service after December 31, 2002:

A monthly benefit equal to (i) plus (ii) below, multiplied by Benefit Service:

(i) 1% of Final Average Earnings up to Social Security Covered Compensation.

(ii) 1.667% of Final Average Earnings in excess of Social Security Covered Compensation.

Compensation Update

Former AlcanCorp Pension Plan participants also receive a compensation update on their frozen benefit from the AlcanCorp Pension Plan. The compensation update is payable from the RTA Plan. The compensation update is equal to the percentage increase of the Final Average Earnings over the participant's Highest Average Earnings used to calculate the frozen benefit payable from the AlcanCorp Pension Plan, multiplied by the frozen benefit payable from the AlcanCorp Pension Plan. The compensation update has a minimum value of \$0 and is added to the Normal Retirement Benefit accrued under the RTA Plan as described above.

Early Retirement

Eligibility

Age 55 and five years of Vesting Service.

Total Benefit

Termination before age 55 or before completing 10 years of Vesting Service.

The accrued normal retirement benefit multiplied by the appropriate age-based factor below:

<u>Age</u>	<u>Factor</u>	<u>Age</u>	<u>Factor</u>
65	1.00	59	0.76
64	0.96	58	0.72

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<u>Age</u>	<u>Factor</u>	<u>Age</u>	<u>Factor</u>
63	0.92	57	0.68
62	0.88	56	0.64
61	0.84	55	0.60
60	0.80		

Termination after age 55 and after completing 10 years of Vesting Service:

The accrued normal retirement benefit multiplied by the appropriate age-based factor below:

<u>Age</u>	<u>Factor</u>	<u>Age</u>	<u>Factor</u>
65	1.00	59	0.88
64	1.00	58	0.84
63	1.00	57	0.80
62	1.00	56	0.76
61	0.96	55	0.72
60	0.92		

Late Retirement
Eligibility

Retire after normal retirement date.

Total Benefit

The normal retirement benefit accrued at the date of late retirement.

Disability Retirement for Non-Luzenac Hourly Employees
Eligibility

Five years of Vesting Service.

Total Benefit

The normal retirement benefit, calculated using Benefit Service that continues to accrue during disability leave, multiplied by the appropriate early retirement factor from the tables above.

Disability Retirement for Luzenac Hourly Employees
Eligibility

Ten years of Vesting Service.

Total Benefit

A monthly benefit equal to the greater of (a) or (b) below:

(a) The normal retirement benefit as of this date of disability,
or

(b) \$500.

Vested Termination
Eligibility

Five years of Vesting Service or age 65.

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Total Benefit	The normal retirement benefit accrued at termination, commencing at age 65. The participant may elect for benefits to start after age 55, with benefits reduced by the early retirement factors for retirement with less than 10 years of service.
Preretirement Death Eligibility	Five years of Vesting Service.
Total Benefit	<p>For a married participant, the surviving spouse receives 50% of the participant's accrued benefit, payable as an immediate life annuity.</p> <p>For a single participant with a trust beneficiary, the trust receives lump sum equal to the actuarial equivalent of 50% of the participant's accrued benefit.</p> <p>For a single participant with a non-trust beneficiary, the beneficiary receives the actuarial equivalent of 50% of the participant's accrued benefit, payable as a 60-month temporary life annuity.</p>
Normal Form of Benefit	<p>50% J&S annuity if married, otherwise a life annuity.</p> <p>For married participants, if the spouse pre-deceases the participant, payments will continue to the participant in the amount equal to what the participant would have received at retirement had the participant elected a single life annuity.</p>
Optional Forms of Payment	<p>A retiring participant may also elect other optional forms of payment on an actuarially equivalent basis. These options include:</p> <ul style="list-style-type: none">▪ life annuity,▪ 50%, 75%, or 100% joint and survivor annuities,▪ 5, 10, or 15 year certain and life annuities,▪ level income option for retirement prior to commencement of Social Security benefits, and▪ lump sum, if monthly benefit is \$100 or less. <p>Before April 1, 2018, these optional forms are based on the 1971 Group Annuity Male Mortality Table and 5.00% interest.</p> <p>After April 1, 2018, these optional forms are based on the 417(e) Mortality Table and 6.00% interest.</p>

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Employee Contributions

None required or permitted.

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Definitions

Benefit Service	Elapsed service from the later of January 1, 2003 and date of hire, excluding periods while a participant is on a leave of absence. Benefit Service is frozen as of September 30, 2007 for those participants who chose to transfer into the IPP.
Vesting Service	All service from date of hire. Includes periods while a participant is on a leave of absence.
Final Average Earnings	Average of the highest Eligible Earnings in the 36 consecutive months out of the last 120 months of service. Final Average Earnings is not frozen for those participants who chose to transfer to the IPP, nor for those participants who were rehired into the IPP with a break in service of less than five years.
Eligible Earnings	Base pay and 50% of any short-term bonus. Base pay means total earnings including deferred base pay, lump sum merit pay, pre-tax 401(k) or cafeteria plan contributions, but excluding overtime, severance pay, bonuses, and extraordinary items.
Social Security Covered Compensation	The average amount of earnings under the Social Security Act equal to the average of the maximum Taxable Wage Base in each year that would be used to calculate the Social Security benefit for a participant retiring at his Social Security Retirement Age.
Highest Average Earnings	A participant's annual Earnings for the highest three consecutive calendar years ending at least three months before normal retirement or earlier termination, divided by 36.
Earnings	Regular base pay, incentive program pay, overtime and other premium pay, certain lump sum payments payable in lieu of salary or wage increases, pay under any plan of variable compensation and 401(k), Section 125 and Section 132(f)(4) deferrals.

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U.S. Borax Supplement

Participation

These plan provisions apply to participants who were employees of U.S. Borax Inc. prior to January 1, 2003.

Normal Retirement

Eligibility

Age 65.

Total Benefit

A monthly benefit equal to (i) plus (ii) below, multiplied by Pensionable Service after July 1, 1974.

(i) 1% of Final Average Earnings up to Social Security Covered Compensation.

(ii) 1.667% of Final Average Earnings in excess of Social Security Covered Compensation.

Prior plan benefit applies to service before July 1, 1974.

Minimum monthly benefit equal to \$72.00 times all years of service.

Early Retirement

Eligibility

Age 55.

Benefit

Normal retirement benefit reduced by the early retirement factors above for retirement with more than 10 years of service.

Definitions

Pensionable Service

All service after one year of service or from date of hire after five years of service, but not beyond December 31, 2002. May include periods during which a participant is on a leave of absence.

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Final Average Earnings

Average of the highest earnings in the 36 consecutive months out of the last 120 months of service. Final Average Earnings was not frozen as of December 31, 2002.

Earnings include:

- Base pay.
- 50% of short-term bonuses paid during 36-month period.
- Overtime pay for the three consecutive calendar years ending before 2003 with the highest overtime pay (if employment terminates prior to 12/31/2007).
- Up to 520 hours of vacation pay for vacation earned but not taken (if employment terminates prior to 12/31/2009).

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Luzenac Supplement

Participation

These plan provisions apply to salaried participants' periods of employment with Luzenac America, Inc. prior to January 1, 2003.

Normal Retirement

Eligibility

Age 65 and five years of service.

Total Benefit

A monthly benefit equal to the sum of (a), (b), and (c), but not less than (d), below:

(a) 1.20% of Final Average Earnings up to Social Security Covered Compensation multiplied by years of Benefit Service, not to exceed 35 years.

(b) 1.65% of Final Average Earnings in excess of Social Security Covered Compensation, multiplied by Benefit Service, not to exceed 35 years.

(c) 1.50% of Final Average Earnings multiplied by Benefit Service in excess of 35 years.

(d) \$40 multiplied by all years of service.

Early Retirement

Eligibility

Age 55 and 10 years of service.

Benefit

The accrued normal retirement benefit multiplied by the appropriate age-based factor below:

<u>Age</u>	<u>Factor</u>	<u>Age</u>	<u>Factor</u>
65	1.00	59	0.85
64	1.00	58	0.80
63	1.00	57	0.75
62	1.00	56	0.70
61	0.95	55	0.65
60	0.90		

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Definitions

Benefit Service	Elapsed time from date of employment, ending on December 31, 2002.
Final Average Earnings	Average of the highest earnings during the 60 consecutive months during the 120 months of service preceding termination or retirement. Final Average Earnings was not frozen as of December 31, 2002.
Eligible Earnings	Base pay and 50% of any short-term bonus. Base pay means total earnings including deferred base pay, lump sum merit pay, pre-tax 401(k) or cafeteria plan contributions, but excluding overtime, severance pay, bonuses, and extraordinary items.

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Kennecott Supplement

Participation	These plan provisions apply to participants who were employees of Kennecott Corporation prior to January 1, 2003.
Normal Retirement	
Eligibility	Age 65.
Total Benefit	The actuarial equivalent of the opening and current account balances.
Early Retirement	
Eligibility	Age 55 and 10 years of service.
Benefit	The actuarial equivalent of the opening and current account balances.
Accounts and Credits to Accounts	
Opening Account	For all participants who were active as of January 1, 1989, an opening account balance was established based on benefits accrued under prior plans.
Current Account	<p>A current account was established for each participant as of the later of (i) January 1, 1989 or (ii) the date the participant first becomes eligible for the plan.</p> <p>At the end of each calendar month, pay-related credits are added to the current account. No pay-related credits are granted after December 31, 2002.</p>
Regular Interest Credits	Regular interest credits are added to all accounts at an effective annual rate equal to the greater of (i) 5%, or (ii) the average (rounded to the nearest one-hundredth of one percent) of the one-year Treasury bill rates in effect during each month of the 12-month period ending on November 30 of the preceding calendar year, rounded up to the nearest one-quarter of one percent, plus one percent.
Supplemental Interest Credits	An additional supplemental interest credit at a rate equal to one-half of the regular interest rate applies to the opening account prior to termination of employment. Effective January 1, 2016, the supplemental interest credit is no longer granted.

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Legacy Alcan Pension Plan Provisions

Plan History

Following is a description of significant events that have occurred within the past ten years.

Effective December 31, 2011, all benefit accruals are frozen for certain Cable unit employees. Benefit Service and Social Security Covered Compensation are frozen as of December 31, 2011. Highest Average Earnings shall not include earnings during 2011 or any subsequent years. Members who are affected are “Non-Grandfathered Cable Unit Members” and include participating employees that do not meet the following criteria:

- age 45 and ten years of Benefit Service, or;
- age 55 and nine years of Benefit Service or ten years of Eligibility Service.

All other Cable unit employees are “Grandfathered Cable Unit Members” and continue to accrue benefits. This includes any Cable unit employee on long-term disability or severance.

Effective December 31, 2011, all benefit accruals under the AlcanCorp Plan formula are frozen for Salaried Sebree and Cleveland employees. These participants start to accrue benefits under the Rio Tinto America Plan formula for service after December 31, 2011. The December 31, 2011 frozen benefit is increased by the percentage increase of the Final Average Earnings (as defined under the Rio Tinto America formula), over the participant’s Highest Average Earnings (as defined under the AlcanCorp formula) at December 31, 2011.

Effective December 31, 2011, any PPPI employee who was a participant of the Alcan Combined Pension Plan as of December 31, 2011 shall become a participant of the AlcanCorp Pension Plan as of January 1, 2012. For these participants, the benefit payable from the AlcanCorp Pension Plan is equal to the benefit accrued under the Alcan Combined formula using all years of service and pay prior to termination, and offset by the benefit accrued under the Alcan Combined formula as of December 31, 2011.

The Specialty Aluminas business unit was sold in August 2012 and the Cable business unit was sold on September 4, 2012. For participants with ongoing accruals, any accruals in the plan have ceased as of the date of sale. Any participants that were terminated as a result of the sales with less than five years of service have been vested in their benefit. Participants that were on LTD at the time of the sale will continue to earn future service accruals from the AlcanCorp Pension Plan.

As of September 30, 2012, accruals for Cleveland participants were frozen in the AlcanCorp Pension Plan. These participants transferred to the Rio Tinto America Plan on October 1, 2012. The Rio Tinto America Plan provides future accruals and pay growth on the past service frozen benefit from the AlcanCorp Plan.

Any remaining Cable, PPPI and LTD participants in the AlcanCorp Pension Plan as of December 31, 2012 have transferred to the Rio Tinto America Plan. Accruals in the AlcanCorp Pension Plan have ceased as of December 31, 2012 for these participants. The Rio Tinto America Plan provides future accruals and pay growth on the past service benefit from the AlcanCorp Plan, as applicable.

As of July 1, 2013, accruals were frozen for all remaining participants.

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Effective December 31, 2013, the Alcan Combined Pension Plan was merged into the AlcanCorp Pension Plan, and the merged plan was renamed the Rio Tinto Alcan Pension Plan (U.S.). The January 1, 2014 funding valuation reflects the benefit liabilities and plan assets of the Alcan Combined Pension Plan that merged into the Rio Tinto Alcan Pension Plan (U.S.) on December 31, 2013.

As of November 6, 2017, all participants who were part of the annuity contract purchase that occurred on October 31, 2017 are no longer participants under the plan.

As of August 6, 2018, all participants who were part of the annuity contract purchase that occurred on August 1, 2018 are no longer participants under the plan.

Effective April 1, 2018, the plan's actuarial equivalence definition was changed for the non-legacy PPPI groups to 6.00% interest and the 417(e) Mortality Table.

Effective December 31, 2019, the Alcan plan was merged into the RTA plan.

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Plan Provisions – Legacy AlcanCorp Pension Plan

Effective Date	July 1, 1964
Effective Date of Most Recent Amendment	January 1, 2014; provides for a one-time lump sum offer for terminated vested participants terminated prior to January 1, 2014.
Participants Accruing Under Formula	<p>As of January 1, 2012: Active Cable, Sebree Salaried and Cleveland Salaried employees that were AlcanCorp Pension Plan Participants before 2012. Plan provisions below are for the pre-2012 accrued benefit for this group.</p> <p>As of September 4, 2012: The Specialty Aluminas and Cable business units were sold. Accruals for this group are frozen in the AlcanCorp Pension Plan.</p> <p>As of September 30, 2012: Cleveland Salaried employees transferred to the Rio Tinto America Plan. Accruals for this group are frozen in the AlcanCorp Pension Plan.</p> <p>As of December 31, 2012: Accruals for any remaining PPPI, Cable and LTD participants cease. These participants accrue in the Rio Tinto America Plan for post-2012 service.</p> <p>Inactive AlcanCorp Pension Plan participants that were former Cleveland Hourly, Mt. Vernon Hourly, Pharma Hourly, Pharma Salaried or Pechiney Cast Plate Salaried and Hourly employees have accrued benefits under the terms of the respective legacy plan.</p> <p>As of July 1, 2013: Accruals are frozen for all remaining ACPP participants.</p>
Participation	<p>All regular full time employees who are not represented by a collective bargaining agreement</p> <p>Other employees are eligible after completing a 12-month period of employment in which the employee has 1,000 hours of service or more</p> <p>Participation is closed to new hires as of January 1, 2012</p>

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Freeze Dates

Benefit accruals are frozen for non-grandfathered Cable participants effective December 31, 2011

Benefit accruals under the AlcanCorp formula are frozen for Sebree and Cleveland Salaried participants effective December 31, 2011, but are increased by the percentage increase of the Final Average Earnings (as defined under the Rio Tinto America formula), over the participant's Highest Average Earnings at December 31, 2011 (as defined under the AlcanCorp formula). These participants accrue under the Rio Tinto America Plan formula for post-2011 benefit service.

All benefit accruals from the AlcanCorp Pension Plan are frozen for Cleveland participants effective September 30, 2012.

Benefit accruals for all remaining AlcanCorp Pension Plan participants are frozen effective July 1, 2013.

Date of Participation

First of month following date of hire for regular full time employees

Normal Retirement
Eligibility

Age 65 and five years of Eligibility Service

Total Benefit

A monthly benefit equal to (a) plus (b) plus (c) below:

- (a) 45% of Highest Average Earnings
- (b) 15% of Highest Average Earnings in excess of the Social Security Covered Compensation
- (c) 0.25% of Highest Average Earnings times the number of Unused Months

If the participant has fewer than 35 years of Benefit Service, then the monthly benefit amount will be multiplied by the participant's Benefit Service and divided by 35

Accrued Benefit "Ratchet"

In no event will the total benefit amount above be less than the total benefit calculated as of any prior March 1

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Frozen Sebree and Cleveland Benefit

The benefit under the AlcanCorp formula for Sebree and Cleveland participants is determined as the greater of (a) and (b) below:

(a) Accrued benefit as of December 31, 2011 using Benefit Service and Highest Average Earnings as of December 31, 2011 (*based on Earnings through December 31, 2010*), plus the Highest Average Earnings make-up (Part (c) above), increased by the percentage increase of the Final Average Earnings under the Rio Tinto formula at termination over the Highest Average Earnings at December 31, 2011, if any.

(b) Accrued benefit as of December 31, 2011 using Benefit Service and Highest Average Earnings as of December 31, 2011 (*based on Earnings through December 31, 2011*), increased by the percentage increase of the Final Average Earnings under the Rio Tinto formula at termination over the Highest Average Earnings at December 31, 2011, if any.

Prior Plan Offsets

If Benefit Service includes service from other company sources and the prior plan benefit is not payable from the AlcanCorp Trust, the total benefit amount above is offset by any such benefit. The offset amount cannot exceed the benefit amount that would be accrued had only Benefit Service giving rise to the offset were used in determining the total benefit.

Early Retirement Eligibility

Age 55 and five years of Eligibility Service, or when age plus Eligibility Service is at least 75

Total Benefit

The accrued normal retirement benefit multiplied by the appropriate age-based factor below:

Age	Factor
65	1.00
64	0.99
63	0.97
62	0.94
61	0.90
Below 60	In steps of .04

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Late Retirement Eligibility	After age 65 with five years of Eligibility Service
Total Benefit	The normal retirement benefit actuarially increased beyond the normal retirement date.
Vested Termination Eligibility	Five years of Eligibility Service
Total Benefit	The normal retirement benefit accrued at date of termination, commencing at age 65. The participant may elect for benefits to start before age 65, with benefits reduced by the early retirement reduction factors above.
Cable and Specialty Aluminas	Any Cable and Specialty Aluminas participants affected by the sales are immediately vested in their benefit
All active participants	All remaining active participants as of July 1, 2013 are immediately vested as a result of the plan freeze
Preretirement Death Eligibility	Any vested participant or participant eligible for early retirement, and married to an eligible spouse
Total Benefit	<p>For a participant who is eligible for early or normal retirement, the benefit is an immediate annuity to the surviving spouse equal to 50% of the monthly benefit the participant would have been entitled to had he retired the day before his death and elected the 50% J&S option.</p> <p>For all other vested participants, the benefit is a deferred annuity to the surviving spouse equal to 50% of the monthly benefit that the participant would have been entitled to had he terminated employment on the date of his death, survived to the earliest retirement age, elected the 50% J&S option, and then died the following day.</p>
Disability Retirement Eligibility	Eligible for a medical leave of absence
Total Benefit	The normal retirement benefit, computed using Benefit Service that continues to accrue during disability leave

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Normal Form of Benefit	50% J&S annuity if married, otherwise 5 year certain and life annuity. For married participants, the normal form of benefit is actuarially reduced if the spouse is 10 years younger
Optional Forms of Payment	<p>A retiring participant may also elect other optional forms of payment on an actuarially equivalent basis. The options include:</p> <ul style="list-style-type: none">▪ Full Benefit Joint and Survivor Annuity: Payable for life of participant with an amount less than 50% payable to the spouse upon the participant's death. Only available if spouse is more than 10 years younger. The participant's benefit is not reduced for payment form.▪ Continuing Income Joint and Survivor Annuity: Payable for life of participant with a chosen percent (1-100%) payable to the beneficiary upon the participant's death.▪ A level income option for retirement prior to commencement of Social Security benefits.▪ Lump sum if monthly retirement benefit is less than \$100.▪ Participants with accrued benefits from prior plans may have different optional forms <p>Most optional forms are based on the 417(e) Mortality Table and 6.00% interest. Certain prior plans use different actuarial equivalence for benefits accrued in those plans.</p>
Benefit Limits	Effective January 1, 2002, EGTRRA increased the Internal Revenue Code section 415 limit to \$160,000 and the limit on compensation to \$200,000. The \$200,000 pay limit was applied retroactively for participants who were active as of January 1, 2002.
Definitions	
Eligibility Service	All aggregated periods of service based on the elapsed time method, as allowable by law. Partial years are rounded to the next higher whole number of years.
Benefit Service	Includes full years and completed months of service included in Eligibility Service. Excludes any period of service when the employee refused to make required

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contributions, and periods of service in certain affiliated companies for participants that transferred into the Plan.

Earnings

Regular base pay, incentive program pay, overtime and other premium pay, certain lump sum payments payable in lieu of salary or wage increases, pay under any plan of variable compensation and 401(k), Section 125 and Section 132(f)(4) deferrals

Highest Average Earnings

A participant's annual Earnings for the highest three consecutive calendar years ending at least three months before normal retirement or earlier termination, divided by 35

Social Security Covered Compensation

Average of the Social Security Tax Bases for the 35 year period beginning with the date in which Highest Average Earnings are calculated.

Unused Months

The number of months included in Benefit Service that cannot be included in the period used to determine Highest Average Earnings. The number of Unused Months is based on the date benefit service stops, according to the following table:

Date Benefit Service Stops	Unused Months
January 1	12
February 1	13
March 1	14
April 1	3
May 1	4
June 1	5
July 1	6
August 1	7
September 1	8
October 1	9
November 1	10
December 1	11

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Plan Provisions – Rio Tinto America Plan Formula

Participants Accruing Under Formula Sebree and Cleveland Salaried Participants that are active as of January 1, 2012 accrue their post-2011 benefit under the Rio Tinto America Plan formula

Accruals for Cleveland participants are frozen as of September 30, 2012 in the AlcanCorp Pension Plan

Normal Retirement
 Eligibility

Age 65.

Total Benefit

A monthly benefit equal to (a) plus (b) below, multiplied by post-2011 Benefit Service:

(a) 1% of Final Average Earnings up to Social Security Covered Compensation.

(b) 1.667% of Final Average Earnings in excess of Social Security Covered Compensation.

Early Retirement
 Total Benefit

For terminations after completion of 5 years of Eligibility Service, the accrued normal retirement benefit is multiplied by the appropriate age-based factor below:

<u>Age</u>	<u>Factor</u>	<u>Age</u>	<u>Factor</u>
65	1.00	59	0.76
64	0.96	58	0.72
63	0.92	57	0.68
62	0.88	56	0.64
61	0.84	55	0.60
60	0.80		

For terminations after completion of 10 years of Eligibility Service, the accrued normal retirement benefit is multiplied by the appropriate age-based factor below:

<u>Age</u>	<u>Factor</u>	<u>Age</u>	<u>Factor</u>
65	1.00	59	0.88
64	1.00	58	0.84
63	1.00	57	0.80
62	1.00	56	0.76
61	0.96	55	0.72
60	0.92		

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Vested Termination
Eligibility

Five years of Eligibility Service or age 65.

Total Benefit

The normal retirement benefit accrued at termination, commencing at age 65. The participant may elect for benefits to start after age 55, with benefits reduced by the early retirement factors for retirement with less than 10 years of service.

Normal Form of Benefit

50% J&S annuity if married, otherwise a life annuity.

Optional Forms of Payment

Sebree and Cleveland retiring participant may also elect other optional forms of payment on an actuarially equivalent basis. These options include:

- 50%, 66.67%, 75%, or 100% joint and survivor annuities,
- 5 year certain and life annuity,
- level income option for retirement prior to commencement of Social Security benefits, and
- lump sum, if monthly benefit is \$100 or less.

These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.

Definitions

Final Average Earnings

Average of the highest Eligible Earnings in the 36 consecutive months out of the last 120 months of service, excluding earnings before January 1, 2012 are not counted.

Eligible Earnings

Base pay and 50% of any short-term bonus.

Base pay means total earnings including deferred base pay, lump sum merit pay, pre-tax 401(k) or cafeteria plan contributions, but excluding overtime, severance pay, bonuses, and extraordinary items.

Social Security Covered Compensation

The average amount of earnings under the Social Security Act equal to the average of the maximum Taxable Wage Base in each year that would be used to calculate the Social Security benefit for a participant retiring at his Social Security Retirement Age.

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Plan Provisions – Alcan Combined Pension Plan Formula

Participants Accruing Under Formula	<p>PPPI participants that are active as of January 1, 2012</p> <p>Benefit payable from the AlcanCorp Pension Plan is equal to the benefit accrued under the Alcan Combined formula using all years of service and pay prior to termination, and offset by the benefit accrued under the Alcan Combined Pension Plan as of December 31, 2011.</p> <p>PPPI participants transferred to the Rio Tinto America Plan on January 1, 2012</p>
ANCG Offset for PPPI Employees Transferring from ANC	<p>Benefits payable from the Plan will be equal to the Total Benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #020.</p> <p>The ANCG portion of the benefit will be based on service with ANCG and the Highest Average Salary upon termination from PPPI. Highest Average Salary for the ANCG portion of the benefit is limited to an average of 5% increases from the ANCG Highest Average Salary at the time of participant transfer. Eligibility for benefits is based on combined service with PPPI and ANCG.</p>
Eligibility by Group	
Blue	<p>For Non-Cebal Tubes Americas Participants: Hired before January 1, 2005 and age plus service total was 50 or more as of December 31, 2006</p> <p>For Cebal Tubes Americas Participants: Hired before January 1, 2005 and age plus service total was 55 or more as of December 31, 2006</p>
Green	<p>Hired before January 1, 2005 and age plus service total is less than 50 for non-Cebal participants and less than 55 for Cebal participants as of December 31, 2006.</p>
Yellow	<p>Hired by Alcan on or after January 1, 2005.</p>
Orange	<p>Hired before January 1, 2005 and a former Lawson Mardon employee.</p>

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Normal Retirement—Blue Participants

Eligibility

Age 65.

Total Benefit

A monthly benefit equal to (a) reduced by (b), plus (c) below:

- (a) 1.5% of the Participant's Highest Average Salary times Service not in excess of 35 years.
- (b) 1.5% of the Participant's Primary Social Security Benefit times Service covered by (a) that occur after December 31, 1978.
- (c) 1% of the Participant's Highest Average Salary times Service in excess of 35 years, if any.

In no event shall the monthly retirement benefit be less than the benefit accrued at December 31, 1988 from the American National Can Group Retirement Plan for Salaried Employees—Plan 1 or Plan 2, or the Guardian Packaging Corporation Retirement Plan for Salaried Employees if a participant was formerly a participant in any of these plans.

Various divisions acquired by American National Can Group are subject to a past service date before which credit for service for benefit accrual purposes is not granted.

Early Retirement—Blue Participants

Eligibility

Age 55 and five years of vesting service.

Total Benefit

A monthly benefit equal to (a) reduced by (b), plus (c) below:

- (a) 1.5% of the participant's highest average salary times service not in excess of 35 years. Such amount shall be reduced by $\frac{1}{4}$ of 1% for each month by which the benefit commencement date precedes age 62. Such reduction shall not apply if the participant retires after age 60 with at least 30 years of service.
- (b) 1.5% of the participant's primary social security benefit times service covered by (a) that occur after December 31, 1978. Such amount shall be reduced by $\frac{1}{180}$ th for the first 60 months and $\frac{1}{360}$ th for the next 60 months by which the benefit commencement date precedes normal retirement date.

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- (c) 1.0% of the participant's highest average salary times service in excess of 35 years, if any. Such amount shall be reduced by $\frac{1}{4}$ of 1% for each month by which the benefit commencement date precedes age 62. Such reduction shall not apply if the participant retires after age 60 with at least 30 years of service.

Late Retirement—Blue Participants
Eligibility

Age 65.

Total Benefit

The normal retirement benefit, computed using highest average salary and service to actual date of retirement.

Deferred Vested—Blue Participants
Retirement
Eligibility

Five years of vesting service.

Total Benefit

Normal retirement benefit accrued to date of termination commencing at age 65 or reduced by $\frac{1}{2}$ of 1% for each month the first payment precedes the employee's normal retirement date.

Normal Retirement—Green Participants
Eligibility

Age 65.

Total Benefit

A monthly benefit equal to (a) plus (b) below:

- (a) Normal retirement formula payable to Blue participants with service frozen as of December 31, 2006 and pay based on Highest Average Salary at retirement and the participant's primary social security benefit at retirement.
- (b) 1.5% of career average pay times service with pay and benefit service beginning on January 1, 2007.

Early Retirement—Green Participants
Eligibility

Age 55 and five years of vesting service.

Total Benefit

A monthly benefit equal to (a) plus (b) below:

- (a) Early retirement formula payable to Blue participants with service frozen as of December 31, 2006 and pay based on Highest Average Salary at termination.
- (b) 1.5% of career average pay times service with pay and benefit service beginning on January 1, 2007. Such

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amount shall be actuarially reduced from age 65 for early commencement.

Late Retirement—Green Participants

Eligibility

Age 65.

Total Benefit

The normal retirement benefit, computed using salary and service at actual date of retirement.

Deferred Vested—Green Participants

Eligibility

Five years of vesting service.

Total Benefit

The normal retirement benefit accrued to date of termination commencing at age 65. If the benefit commences before age 65, the portion of the benefit payable under the Blue formula is reduced by $\frac{1}{2}$ or 1% for each month the first payment precedes the employee's normal retirement date, and the portion of the benefit payable under the career average formula is actuarially reduced for early commencement.

Normal Retirement—Yellow and Orange Participants

Eligibility

Age 65.

Total Benefit

A monthly benefit equal to 1.5% of career average pay times benefit service. Benefit service begins at later of January 1, 2006 and date of hire for Plastics (Flex Salaried) and Orange (Former Lawson Mardon and Shelbyville Pharma) participants. Benefit service begins at later of January 1, 2005 and date of hire for all other yellow participants.

Early Retirement—Yellow and Orange Participants

Eligibility

Age 60 and five years of vesting service.

Total Benefit

Normal retirement benefit actuarially reduced from age 65 for early commencement.

Late Retirement—Yellow and Orange Participants

Eligibility

Age 65.

Total Benefit

The normal retirement, computed using salary and service at actual date of retirement.

Deferred Vested Retirement—Yellow and Orange Participants

Eligibility

Five years of vesting service.

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Total Benefit	The normal retirement benefit accrued to date of termination commencing at age 65 or actuarially reduced for commencement before age 65.
Disability Retirement—All Participants Eligibility	Entitled to benefits under the Company's Long-Term Disability (LTD) Plan and disability benefits under provisions of the Social Security Act.
Total Benefit	Participants with a date of disability before January 1, 2007 continue to accrue benefit service through the earlier of age 65 or the date their disability ends. Post-2011 benefit service for this group is accrued in the AlcanCorp Pension Plan.
Preretirement Spouse's Annuity Eligibility	Any vested participant (active or terminated).
Total Benefit	<p>For a participant who is eligible for early or normal retirement, the benefit is an immediate annuity to the surviving spouse equal to 50% of the monthly benefit the participant would have been entitled to had he retired the day before his death and elected the 50% J&S option.</p> <p>For all other vested participants, the benefit is a deferred annuity to the surviving spouse equal to 50% of the monthly benefit the participant would have been entitled to had he terminated employment on the date of his death, survived to early retirement age, elected the 50% J&S option, and then died the following day.</p>
ANCG Offset	The ANCG portion of the benefit will be based on service with ANCG and the Highest Average Salary upon death or termination from PPPI, whichever comes earlier. Highest Average Salary for the ANCG portion of the benefit is limited to an average of 5% increases from ANCG Highest Average Salary at the time of participant transfer.
Normal Form of Annuity	Actuarially reduced 50% J&S annuity if married, otherwise straight life.
Optional Forms of Payment	<p>Joint and Survivor: 50%, 66 $\frac{2}{3}$%, 75%, 100%. Certain & Life: 5-year, 10-year.</p> <p>Lump sum if monthly retirement benefit is \$100 or less.</p> <p>These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.</p>

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Highest Average Salary The average monthly compensation for the 60 consecutive months of service affording the highest such average monthly compensation.

Primary Social Security Benefit The monthly amount to which an employee is or would be entitled, assuming that he would continue to receive, until he reached 65, compensation at the same rate as in effect on the date of termination.

Past Service Limitation:

	Division	Location	Past Service Date
For Former NCC Salaried Plan 2 Locations:	Dura-Closure	Hutchinson	08/19/1974
		Consolidated Cork	02/25/1971
		Bedford Park, CA	03/01/1980
		Bernardin, IN	03/06/1980
	NCC-Glass	Oil City	08/11/1969
		Shawmut	08/31/1970
		Kerr	09/19/1983
	NCC-MCD Plastic Container Division	Kaiser	03/07/1983
			08/01/1979
For ANC Salaried Plan Locations:	Color-Ad		04/01/1988
	Ludlow		12/01/1987
	Longview		01/11/1991
	Winston-Salem		07/01/1993
	Asheville		04/01/1995
For PPPI Salaried Plan Locations:	Kenpak		01/01/2000
	JPS		07/01/2001
	Phoenix		02/02/2002

Compensation Compensation shall include base salary, 401(k) or section 125 salary reductions, overtime, commissions and shift premium payments, and non-deferred incentive awards paid during the year. Compensation does not include any flexible amount regardless of whether received in cash.

Effective January 1, 2002, EGTRRA increased the Internal Revenue Code section 415 limit to \$160,000 and the limit on compensation to \$200,000. The \$200,000 pay limit was applied retroactively for participants who were active as of January 1, 2002.

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Special Provisions Applicable to Former Nonhighly-Compensated Members of the
American National Can Group Retirement Plan for Salaried Employees—Plan 1
(i.e., former ACPI Salaried Plan)

Note: Eligibility for these special provisions is based on service in the ANCG Salaried Plan, but the actual monthly retirement benefit and the annual salary is based on accredited service and salary as of December 31, 1988 (under the terms of the ACPI Salaried Plan then in effect).

PPPI assumes all liabilities under the ANC 25-Year Survivorship and ANCG 10-Year Survivorship Plan in respect to PPPI employees transferring from ANC.

Survivor Income Benefit

Eligibility

The following requirements must be met at death:

- Hired before January 1, 1979
- Ten years of service
- Employee is active, on leave, on long-term or short-term disability, and
- Not covered by the Survivorship Benefit.

Total Benefit

For death before age 55: a monthly benefit of \$100 payable to the employee's age 55. After the employee's age 55, a monthly benefit equal to the greatest of \$100, 15% of the monthly retirement benefit (as if retired on date of death), or the Preretirement Spouse's Benefit.

For death after age 55: a monthly benefit equal to the greatest of \$100, 15% of the monthly retirement benefit (as if retired on date of death), or the Preretirement Spouse's Benefit.

Survivorship Benefit

Eligibility

The following requirements must be met at death:

Employed on or before April 30, 1975
25 years of service before age 65, and
Either active, on long-term or short-term disability, or an early retiree (does not include vested terminations).

Total Benefit

An amount calculated from a benefit base of two times frozen annual salary (base pay plus salary reductions only). If the benefit base is greater than \$5,000, the amount shall be paid in monthly installments to a beneficiary in such amounts as would have been payable had the benefit base been used to purchase a straight life annuity from an insurance company.

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Covered Work Force Realignment	An employee separated due to work force realignment and covered by the severance pay provisions may be eligible for special retirement benefits if certain other conditions are met (employed on August 31, 1985, at least age 50, and eight years of accredited service at separation).
Employee Contributions	None required since 1972.
Other Workforce Reductions	Any subsidy or enhancement granted to PPPI employees as part of a workforce reduction will be PPPI's responsibility. In other words, the ANC Former Plan #020 will not provide additional benefits due to workforce reduction initiatives.
Commencement of Benefits	PPPI employees may not commence benefits (ANCG or PPPI benefits) until they have terminated or retired from PPPI.

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Alcan Plastic Division Hourly Non-Union Participants (Former PPPI Plan #002)

Plastics Hourly Non-Union	Bellevue	Contract Period: N/A
<i>Benefit</i>	<i>Eligibility</i>	<i>Provision</i>
Normal Retirement	Age 65.	Bellevue — \$28.00 (Sold during 2006). Asheville — \$19.00 per year of credited service after April 1, 1995. There have been no benefit level changes in the past ten years.
Early Retirement Full	None.	N/A.
Reduced	Age 55 with ten years of service.	Accrued benefit, reduced ½% per month before age 65.
Disability	Fifteen years of service.	Accrued benefit.
Vesting	Five years of service.	Accrued benefit payable at normal retirement date. Participants with at least 10 years of service at termination can commence before age 65. The accrued benefit is reduced ½% per month from age 65.
Plant Closing/Layoff	None.	N/A.
Preretirement Spouse's Annuity	Five years of service.	Automatic Preretirement 50% Joint and Survivor Coverage; benefits are deferred to earliest retirement age.

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ANCG Offset	Participants transferring from ANC to PPPI	<p>Benefits payable will be equal to the total benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #177.</p> <p>The ANCG portion of the benefit will be based on service with ANCG and the ultimate negotiated benefit level as of the date of the transfer (\$20.50 for Bellevue and \$19.00 for Asheville).</p> <p>Service with both ANCG and PPPI combined will be used to determine eligibility for benefits.</p>
Normal Form of Annuity		<p>Actuarially reduced 50% J&S annuity if married, otherwise straight life.</p>
Optional Forms of Payment		<p>Joint and Survivor: 50%, 75% and 100%.</p> <p>These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.</p>

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Alcan Food Packaging Hourly Union Participants (Former PPPI Plan # 003)

**Plastics Hourly
Union**

Joint GCIU

Contract Period: July 1, 2007 to June 30, 2010

Benefit

Eligibility

Provision

Normal Retirement

Age 65.

\$37.00. Increases apply to retirees who retire on or after July 1, 2009.

The following table lists all benefit level changes in the past ten years:

Effective Date	Benefit Level
7/1/2009	\$37.00
7/1/2008	\$36.50
7/1/2007	\$36.00

Early Retirement
Full

Age 62 with 15 years of service.

Accrued benefit.

Reduced

Age 55 with 15 years of service.

Accrued benefit, reduced ½% per month before age 62.

Disability

Fifteen years of service.

Accrued benefit.

Vesting

Five years of service.

Accrued benefit payable at normal retirement date. Participants with at least 15 years of service at termination can commence before age 65. The accrued benefit is reduced ½% per month from age 65.

Plant Closing/Layoff

None.

N/A.

Preretirement
Spouse's Annuity

Five years of service.

Automatic Preretirement 50% Joint and Survivor Coverage; minimum monthly benefit of \$100; benefits are deferred to earliest retirement age.

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ANCG Offset	Participants transferring from ANC to PPPI	<p>Benefits payable for Joint GCIU will be equal to the total benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #067.</p> <p>The ANCG portion of the benefit will be based on service with ANCG and the ultimate negotiated benefit level as of the date of the transfer (\$29.50).</p> <p>Service with both ANCG and PPPI combined will be used to determine eligibility for benefits.</p>
Normal Form of Annuity		<p>Actuarially reduced 50% J&S annuity if married, otherwise straight life.</p>
Optional Forms of Payment		<p>Joint and Survivor: 50%, 75%, and 100%.</p> <p>These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.</p>

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**Plastics Hourly
Union**

Joint UPIU (PACE)

Contract Period: August 1, 2006 to July 31, 2009

Benefit

Eligibility

Provision

Normal Retirement

Age 65.

\$36.25. Increases apply to retirees who retire on or after August 1, 2008.

The following table lists all benefit level changes in the past ten years:

Effective Date	Benefit Level
8/1/2008	\$36.25
8/1/2007	\$35.50

Early Retirement
Full

Age 62 with 15
years of service.

Accrued benefit.

Reduced

Age 55 with 15
years of service.

Accrued benefit, reduced ½% per month before age 62.

Disability

Fifteen years of
service.

Accrued benefit.

Vesting

Five years of
service.

Accrued benefit payable at normal retirement date. Participants with at least 15 years of service at termination can commence before age 65. The accrued benefit is reduced ½% per month from age 65.

Plant Closing/Layoff

None.

N/A.

Preretirement
Spouse's Annuity

Five years of
service.

Automatic Preretirement 50% Joint and Survivor Coverage; minimum monthly benefit of \$100; benefits are deferred to earliest retirement age.

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ANCG Offset	Participants transferring from ANC to PPPI	<p>Benefits payable for Joint UPIU (PACE) will be equal to the total benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #068.</p> <p>The ANCG portion of the benefit will be based on service with ANCG and the ultimate negotiated benefit level as of the date of the transfer (\$28.50).</p> <p>Service with both ANCG and PPPI combined will be used to determine eligibility for benefits.</p>
Normal Form of Annuity		<p>Actuarially reduced 50% J&S annuity if married, otherwise straight life.</p>
Optional Forms of Payment		<p>Joint and Survivor: 50%, 75% and 100%.</p> <p>These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.</p>

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**Plastics Hourly
Union**

Menasha IAM

Contract Period: October 1, 2006 to September 30, 2009

Benefit

Eligibility

Provision

Normal Retirement

Age 65.

\$36.25. Increases apply to retirees who retire on or after October 1, 2008.

The following table lists all benefit level changes in the past ten years:

Effective Date	Benefit Level
10/1/2008	\$36.25
10/1/2007	\$35.50

Early Retirement
Full

Age 62 with 15 years of service.

Accrued benefit.

Reduced

Age 55 with 15 years of service.

Accrued benefit, reduced ½% per month before age 62.

Disability

Fifteen years of service.

Accrued benefit.

Vesting

Five years of service.

Accrued benefit payable at normal retirement date. Participants with at least 15 years of service at termination can commence before age 65. The accrued benefit is reduced ½% per month from age 65.

Plant Closing/Layoff

None.

N/A.

Preretirement
Spouse's Annuity

Five years of service.

Automatic Preretirement 50% Joint and Survivor Coverage; minimum monthly benefit of \$100; benefits are deferred to earliest retirement age.

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ANCG Offset	Participants transferring from ANC to PPPI	Benefits payable for Menasha IAM will be equal to the total benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #069. The ANCG portion of the benefit will be based on service with ANCG and the ultimate negotiated benefit level as of the date of the transfer (\$28.50). Service with both ANCG and PPPI combined will be used to determine eligibility for benefits.
Normal Form of Annuity		Actuarially reduced 50% J&S annuity if married, otherwise straight life.
Optional Forms of Payment		Joint and Survivor: 50%, 75% and 100%. These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.

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Plastics Hourly
Union

St. Louis Park
(Color Ad) Hourly

Contract Period: March 1, 2008 to February 28,
2011

Benefit

Eligibility

Provision

Normal Retirement

Age 65.

\$26.00 times service after January 1, 1990 plus \$10.00 times service prior to January 1, 1990.

The following table lists all benefit level changes in the past ten years:

Effective Date	Benefit Level
1/1/2010	\$26.00 times service after 1/1/1990
1/1/2009	\$25.00 times service after 1/1/1990
1/1/2008	\$24.00 times service after 1/1/1990

Early Retirement

Full

None.

N/A.

Reduced

None.

N/A.

Disability

None.

N/A.

Vesting

\$26 future service benefit—five years of service after January 1, 1990. \$10 past service benefit—20% per year of service after January 1, 1990

Accrued benefit payable at normal retirement date.

Plant Closing/Layoff

None.

N/A.

Preretirement
Spouse's Annuity

Five years of service.

Automatic Preretirement 50% Joint and Survivor Coverage; benefits are deferred to earliest retirement age.

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ANCG Offset	Participants transferring from ANC to PPPI	Benefits payable for St. Louis Park (Color-Ad) will be equal to the total benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #163. The ANCG portion of the benefit will be based on service with ANCG and the ultimate negotiated benefit level as of the date of the transfer (\$10.00 times service prior to January 1, 1990 plus \$19.00 times service after January 1, 1990). Service with both ANCG and PPPI combined will be used to determine eligibility for benefits.
Normal Form of Annuity		Actuarially reduced 50% J&S annuity if married, otherwise straight life.
Optional Forms of Payment		Joint and Survivor: 50%, and 75%. These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.

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Plastics Hourly Union	Minneapolis GCIU	Contract Period: May 1, 1997 to April 30, 2000
<i>Benefit</i>	<i>Eligibility</i>	<i>Provision</i>
Normal Retirement	Age 65.	<p>\$26.50 per year of credited service after May 1, 1985 and before January 1, 2001.</p> <p>Employees have a frozen pension benefit effective December 31, 2000 with continuing eligibility for normal retirement, early retirement, and vesting.</p>
Early Retirement Full	None.	N/A.
Reduced	Age 55 with ten years of service.	Accrued benefit, reduced 2/5% per month before age 65.
Disability	Ten years of service.	Accrued benefit.
Vesting	Five years of service.	<p>Accrued benefit payable at normal retirement date. Participants with at least 10 years of service at termination can commence before age 65. The accrued benefit is reduced 2/5% per month from age 65.</p>
Plant Closing/Layoff Preretirement Spouse's Annuity	<p>None.</p> <p>Five years of service.</p>	<p>N/A.</p> <p>Automatic Preretirement 50% Joint and Survivor Coverage; benefits are deferred to earliest retirement age.</p>
ANCG Offset	Participants transferring from ANC to PPPI	<p>Benefits payable for Minneapolis GCIU will be equal to the total benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #174.</p> <p>The ANCG portion of the benefit will be based on service with ANCG and the ultimate negotiated benefit level as of the date of the transfer (\$26.50 times service after May 1, 1985).</p> <p>Service with both ANCG and PPPI combined will be used to determine eligibility for benefits.</p>
Normal Form		Actuarially reduced 50% J&S annuity if married,

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
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of Annuity

otherwise straight life.

Optional Forms of
Payment

Joint and Survivor: 25%, 50%, 75%, and 100%.

10-Year Certain & Life.

These optional forms are based on the mortality table
prescribed by Code Section 417(e)(3) and 6.00%
interest.

Schedule SB Attachment (Form 5500)—2022 Plan Year
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**Plastics Hourly
Union**

**Jaite Packaging
Services**

**Contract Period: March 1, 2009 to February 29,
2012**

Benefit

Eligibility

Provision

Normal Retirement

Age 65.

\$33.25.

The following table lists all benefit level changes in the past ten years:

Effective Date	Benefit Level
3/1/2010	\$33.25
3/1/2008	\$32.00
3/1/2007	\$31.00

Disability

Five years of service.

Accrued benefit.

Early Retirement
Full

None.

N/A.

Reduced

Age 55 with five years of service.

Accrued benefit, reduced ½% per month before age 65.

Vesting

Five years of service.

Accrued benefit payable at normal retirement date. If participants commence before age 65, the accrued benefit is reduced ½% per month from age 65.

Plant Closing/Layoff

None.

N/A.

Preretirement
Spouse's Annuity

Five years of service.

Automatic Preretirement 50% Joint and Survivor Coverage; benefits are deferred to earliest retirement age.

Normal Form
of Annuity

Actuarially reduced 50% J&S annuity if married, otherwise straight life.

Optional Forms of
Payment

Joint and Survivor: 50%, 75%, and 100%.

Certain & Life: 5-Year, 10-Year, and 15-Year.

These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.

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Alcan Beauty Tubes America Hourly Non-Union Participant (Former PPPI Plan #004)

Tubes Hourly Non-Union	Shelbyville Unorganized	Contract Period: N/A
<i>Benefit</i>	<i>Eligibility</i>	<i>Provision</i>
Normal Retirement	Age 65.	\$22.50. Benefit service is frozen as of December 31, 2006. Participants continue to accrue service for eligibility and vesting purposes. There have been no benefit level changes in the past ten years.
Early Retirement Full	Age 62 and 30 years of service.	Accrued benefit.
Reduced	Age 55 and 15 years of service.	Accrued benefit, reduced ¼% per month before age 65 (before age 62 if more than 30 years of service).
Disability	Ten years of service.	Accrued benefit.
Vesting	Five years of service.	Accrued benefit payable at normal retirement date. Participants with at least 15 years of service at termination can commence before age 65. The accrued benefit is reduced ½% per month from age 65.
Plant Closing/Layoff	None.	N/A.
Preretirement Spouse's Annuity	Five years of service.	Automatic Preretirement 50% Joint and Survivor Coverage; benefits are deferred to earliest retirement age.

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
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ANCG Offset	Participants transferring from ANCG to PPPI	<p>Benefits payable for Shelbyville Unorganized will be equal to the total benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #051.</p> <p>The ANCG portion of the benefit will be based on service with ANCG and the ultimate negotiated benefit level as of the date of the transfer (\$19.25).</p> <p>Service with both ANCG and PPPI combined will be used to determine eligibility for benefits.</p>
Normal Form of Annuity		<p>Actuarially reduced 50% J&S annuity if married, otherwise straight life.</p>
Optional Forms of Payment		<p>Joint and Survivor: 50%, 75%, and 100%.</p> <p>These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.</p>

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
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**Tubes Hourly
Non-Union**

Lincoln Park

Contract Period: N/A

Benefit

Eligibility

Provision

Normal Retirement

Age 65 with five years of service.

\$17.50. Benefit service is frozen as of December 31, 2006. Participants continue to accrue service for eligibility and vesting purposes.

There have been no benefit level changes in the past ten years.

Early Retirement
Full

None.

N/A.

Reduced

None.

N/A.

Disability

None.

N/A.

Vesting

Five years of service.

Accrued benefit payable at normal retirement date.

Plant
Closing/Layoff

None.

N/A.

Preretirement
Spouse's Annuity

Five years of service.

Automatic Preretirement 50% Joint and Survivor coverage; benefits are deferred to normal retirement age.

ANCG Offset

Participants transferring from ANC to PPPI

Benefits payable for Lincoln Park will be equal to the total benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #110.

The ANCG portion of the benefit will be based on service with ANCG and the ultimate negotiated benefit level as of the date of the transfer (\$16.50).

Service with both ANCG and PPPI combined will be used to determine eligibility for benefits.

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Normal Form
of Annuity

Actuarially reduced 50% J&S annuity if married,
otherwise straight life.

Optional Forms of
Payment

Joint and Survivor: 50%, 75%, and 100%.

These optional forms are based on the mortality table
prescribed by Code Section 417(e)(3) and 6.00%
interest.

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
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Tubes Hourly Non-Union	Washington, NJ Unorganized	Contract Period: N/A
<i>Benefit</i>	<i>Eligibility</i>	<i>Provision</i>
Normal Retirement	Age 65 with five years of service.	\$22.00. Benefit service is frozen as of December 31, 2006. Participants continue to accrue service for eligibility and vesting purposes. There have been no benefit level changes in the past ten years.
Early Retirement Full	Age 62 with 30 years of service.	Accrued benefit.
Reduced	Age 55 with ten years of service.	Accrued benefit, reduced ¼% per month before age 65 (before age 62 if more than 30 years of service).
Disability	Ten years of service.	Accrued benefit.
Vesting	Five years of service.	Accrued benefit payable at normal retirement date. Participants with at least 10 years of service at termination can commence before age 65. The accrued benefit is reduced ½% per month from age 65.
Plant Closing/Layoff	None.	N/A.
Preretirement Spouse's Annuity	Five years of service.	Automatic Preretirement 50% Joint and Survivor Coverage; benefits are deferred to earliest retirement age.
ANCG Offset	Participants transferring from ANC to PPPI	Benefits payable for Washington, NJ Unorganized will be equal to the total benefit payable to a participant minus the portion of the benefit that will be paid by former ANC Plan #111. The ANCG portion of the benefit will be based on service with ANCG and the ultimate negotiated benefit level as of the date of the transfer (\$21.40). Service with both ANCG and PPPI combined will be used to determine eligibility for benefits.

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Normal Form
of Annuity

Actuarially reduced 50% J&S annuity if married,
otherwise straight life.

Optional Forms of
Payment

Joint and Survivor: 50%, 75%, and 100%.

These optional forms are based on the mortality table
prescribed by Code Section 417(e)(3) and 6.00%
interest.

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Rio Tinto America Inc. Retirement Plan
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Alcan Bargaining Employees of Illinois (Former PPPI Plan #006)

**Bargaining Employees
of Illinois**

Contract Period: May 1, 2007 to April 30, 2010

Benefit Eligibility Provision

Normal Retirement Age 65. \$25.50.

The following table lists all benefit level changes in the past ten years:

Effective Date	Benefit Level
5/1/2009	\$25.50
5/1/2008	\$24.25
5/1/2007	\$23.00

Early Retirement
Full

None.

N/A.

Reduced

Age 55 with ten years of service.

Accrued benefit, reduced ½% per month before age 65.

Disability

Five years of service.

Accrued benefit, employee continues to accrue service until electing to receive benefit.

Vesting

Five years of service.

Accrued benefit payable at normal retirement date. Participants with at least 10 years of service at termination can commence before age 65. The accrued benefit is reduced ½% per month from age 65.

Plant Closing/Layoff

None.

N/A.

Preretirement

Five years of service.

½ of accrued benefit.

Spouse's Annuity

Normal Form
of Annuity

Actuarially reduced 50% J&S annuity if married, otherwise straight life.

Optional Forms of
Payment

Joint and Survivor: 50%, 66 ⅔%, 75%, and 100%.

These optional forms are based on the mortality table prescribed by Code Section 417(e)(3) and 6.00% interest.

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Plan Provisions - Kennecott

Effective Date	June 30, 1989.
Eligibility for Participation	<p>Any employee who is represented by a collective bargaining agreement, or was employed by a predecessor company before January 1, 1989.</p> <p>Participation is closed to new hires as of January 1, 2018.</p> <p>As of April 9, 2019, all participants who were part of the annuity contract purchase that occurred on April 2, 2019 are no longer participants under the plan. However, they are still included in the 2019 funding valuation since they were participants in the plan as of the valuation date.</p>
Normal Retirement Eligibility	Earlier of age 65 and fifth anniversary of employment, or age 70.
Total Benefit- Barney's Canyon	<p>A monthly benefit computed as the sum of:</p> <p>(1) \$35.00 for each year of credited service, up to 15 years plus</p> <p>(2) \$36.50 for each year of credited service in excess of 15 years, up to 30 years plus</p> <p>(3) \$38.00 for each year of credited service in excess of 30 years</p> <p>Effective January 1, 2015 (adopted December 19, 2014), the multiplier was increased to \$44 per year of benefit service for active Barney's Canyon employees retiring or terminating on or after January 1, 2015. Effective January 1, 2016, the multiplier was increased to \$47 per year of benefit service. After 1/1/2016, the multiplier for Barney's Canyon employees increases in accordance with the multiplier increases for all other locations. Note, the Barney's Canyon benefits are negotiated separately from the benefits for other locations.</p>
Total Benefit- Other Locations	A monthly benefit equal to \$52.00 per year of credited service for retirements after 1/1/2020.

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Rio Tinto America Inc. Retirement Plan
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The following table lists all benefit level changes in the past ten years as well as future increases under the current Collective Bargaining Agreement:

Effective Date	Benefit Level
1/1/2013	\$44.00
1/1/2016	\$47.00
4/1/2017	\$48.00
1/1/2018	\$49.00
1/1/2019	\$50.00
1/1/2020	\$51.00
1/1/2021	\$52.00
1/1/2023	\$53.00
1/1/2024	\$54.00
1/1/2025	\$55.00
1/1/2026	\$56.00
1/1/2027	\$57.00

The benefit levels effective 1/1/2023 and beyond are not reflected in the 2022 funding valuation since the increases were effective after the valuation date.

Early Retirement

Eligibility

Age 60 and 10 years of continuous service.

Total Benefit

The accrued normal retirement benefit multiplied by the appropriate age-based factor below:

Age	Factor	Age	Factor
65	1.00	59	0.88
64	1.00	58	0.84
63	1.00	57	0.80
62	1.00	56	0.76
61	0.96	55	0.72
60	0.92		

Early retirement reductions shall not apply if the participant meets any of the following eligibility criteria:

- 30 years of continuous service
- 60/30 retirement: age 60 and 30 years of continuous service
- 70/80 retirement: age 55 and age plus continuous service is at least 70, or age and continuous service is at least 80

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Supplement An early retirement supplement is offered to participants who retire under 60/30 retirement or 70/80 retirement in the following amounts:

- 60/30 retirement: \$400 per month supplement payable until the earlier of age 62, or when unreduced Social Security benefits begin, plus a \$170 per month supplement payable from age 62 to age 65
- 70/80 retirement: \$300 per month supplement payable until the earlier of age 62, or when unreduced Social Security benefits begin

Late Retirement
Eligibility

Retire after normal retirement date.

Total Benefit

The normal retirement benefit accrued at the date of late retirement.

Disability Retirement
Eligibility

Total and permanent disability after completing 10 or more years of Continuous Service.

Total Benefit

The accrued benefit based on service through the date of disability commencing after 5 months of permanent and total disability, plus a \$300 per month supplement payable until the earlier of age 62, or when unreduced Social Security benefits begin.

Vested Termination
Eligibility

5 years of continuous service.

Total Benefit

The normal retirement benefit accrued to date of termination commencing at age 65. The participant may elect for benefits to start at any time after age 60 with the benefit reduced according to the following table:

Age	Factor
65	1.00
64	0.96
63	0.92
62	0.88
61	0.84
60	0.80

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Death Benefits

Eligibility

5 years of continuous service.

Total Benefit

For an active participant, the benefit is an immediate annuity to the surviving spouse equal to 50% of the accrued normal retirement benefit.

For terminated vested participants, the benefit is a deferred annuity to the surviving spouse equal to 55% of the monthly benefit the participant would have been entitled to had he terminated employment on the date of his death, survived to early retirement age, elected the 55% J&S option, and then died the following day.

Normal Form of Benefit

Actuarially reduced 55% J&S annuity if married, otherwise straight life.

Optional Forms of Payment

50%, 75%, or 100% joint and survivor annuities.

Before April 1, 2018, these optional forms are based on the 1983 Group Annuity Mortality Table and 8.00% interest.

After April 1, 2018, these optional forms are based on the 417(e) Mortality Table and 6.00% interest.

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Plan Provisions - Borax

Effective Date	The Boron and Wilmington pension plans were effective October 1, 1963, and merged to form the Borax Hourly Pension Plan on December 31, 2010.
Eligibility for Participation	All regular full time Boron and Wilmington hourly employees.
Participation date	First of month following the completion of one year of service. Participation is closed to Boron Hourly employees as of May 17, 2010, and to Wilmington Hourly employees as of June 17, 2011. As of April 9, 2019, all participants who were part of the annuity contract purchase that occurred on April 2, 2019 are no longer participants under the plan. However, they are still included in the 2019 funding valuation since they were participants in the plan as of the valuation date.
Normal Retirement Eligibility	Age 65.
Total Benefit—Boron Hourly	A monthly benefit equal to \$76.00 per year of pensionable service.

There have been no benefit level changes in the ten years prior to 2021. The following table lists future increases under the current Collective Bargaining Agreement:

Effective Date	Benefit Level
6/18/2021	\$76.00
6/18/2022	\$77.00
6/18/2023	\$78.00
6/18/2024	\$79.00
6/18/2025	\$80.00
6/18/2026	\$81.00
6/18/2027	\$82.00

The benefit levels effective 6/18/2022 and beyond are not reflected in the 2022 funding valuation since the increases were effective after the valuation date.

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Rio Tinto America Inc. Retirement Plan
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Total Benefit—Wilmington Hourly

A monthly benefit equal to \$80.00 per year of pensionable service.

The following table lists all benefit level changes in the past ten years as well as future increases under the current Collective Bargaining Agreement:

Effective Date	Benefit Level
6/17/2017	\$76.00
7/1/2018	\$77.00
7/1/2019	\$78.00
7/1/2020	\$79.00
7/1/2021	\$80.00
9/1/2022	\$85.00

The benefit level effective 9/1/2022 is not reflected in the 2022 funding valuation since the increase was effective after the valuation date.

Early Retirement
Eligibility

Age 55.

Total Benefit

The accrued normal retirement benefit multiplied by the appropriate age-based factor below:

Age	Factor	Age	Factor
65	1.00	59	0.88
64	1.00	58	0.84
63	1.00	57	0.80
62	1.00	56	0.76
61	0.96	55	0.72
60	0.92		

Late Retirement
Eligibility

After age 65.

Total Benefit

The retirement benefit accrued at the date of late retirement.

Disability Retirement
Eligibility

10 years of pensionable service.

Total Benefit

A monthly benefit equal to 15% of Final Average Earnings, increased by 1% of Final Average Earnings for each year of pensionable service in excess of 15, not to exceed 25.

The benefit is reduced by workers' compensation and 50% of any Social Security benefits. The benefit is not payable while the participant is eligible for the company's Long Term Disability plan.

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Vested Termination

Eligibility

Earlier of age 55 or 5 years of vesting service.

Total Benefit

The normal retirement benefit at date of termination, commencing at age 65. The participant may elect for benefits to start as early as age 55, with benefits reduced based on actuarial reduction factors.

Preretirement Death

Eligibility

For members with a surviving spouse, 5 years of vesting service.

Any participant with 15 years of vesting service that does not have a surviving spouse shall have a death benefit payable to the dependent child(ren).

Spouse's Total Benefit

For an active participant age 55 or older with at least 25 years of service, the benefit is an immediate annuity to the surviving spouse equal to 50% of the accrued normal retirement benefit.

For all other vested participants, the benefit is a deferred annuity to the surviving spouse equal to 50% of the monthly benefit the participant would have been entitled to had he terminated employment on the date of his death, survived to early retirement age, elected the 50% J&S option, and then died the following day.

Beneficiaries' Total Benefit

An immediate annuity to the dependent child(ren) equal to 50% of the accrued normal retirement benefit payable until the earlier of the dependent child's 21st birthday, marriage or first date of employment.

Normal Form of Benefit

50% J&S annuity if married, otherwise straight life annuity.

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Optional Forms of Payment

A retiring participant may also elect other optional forms of payment on an actuarially equivalent basis. These options include:

- life annuity,
- 50%, 66 $\frac{2}{3}$ %, 75%, or 100% joint and survivor annuities,
- 5, 10, or 15 year certain and life annuities, and
- level income option for retirement prior to commencement of Social Security benefits.

Before April 1, 2018, these optional forms are based on the 1971 Group Annuity Male Mortality Table and 5.00% interest.

After April 1, 2018, these optional forms are based on the 417(e) Mortality Table and 6.00% interest.

Definitions

Pensionable Service

Measured from the date the employee meets the eligibility requirements of the plan, or from date of hire after completing five years of vesting service.

Vesting Service

A year of vesting service is earned for any year in which an employee has 1,000 hours of service or more. A fractional year is granted equal to the number of hours worked divided by 1,000.

Final Average Earnings

A participant's average annual earnings for the highest five consecutive calendar years within the last ten consecutive calendar years preceding retirement or termination.

Earnings

Gross annual earnings, absence pay, holiday pay, premium payments (exclusive of bonuses), directors' fees, vehicle allowances, repayment of expenses, insurance payments, and 401(k) and cafeteria plan deferrals.

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Plan Changes Since the Prior Year

The funding and plan reporting valuations reflect the following plan changes:

- A change in the mortality basis for lump sum payments from the 2021 plan year IRC section 417(e)(3) mortality table to the 2022 plan year IRC section 417(e)(3) mortality table.
- The compensation limit under Section 401(a)(17) of the Internal Revenue Code changed from \$290,000 to \$305,000.
- Effective July 1, 2021, the benefits for Wilmington participants who are active in the Legacy-Borax Hourly plan on that date increased to \$80.00 times all years of service.
- Effective June 18, 2021, the benefits for Boron participants who are active in the Legacy-Borax Hourly plan on that date increased to \$76.00 times all years of service and increase an additional \$1 each year through 2027.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) -

As of December 31, 2022

EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party				
Description of Investment including Maturity Date, Rate of Interest,				
	Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base
Non Interest-Bearing Cash				
ARGENTINE PESO			377,900	140,476
AUSTRALIAN DOLLAR			46,457	46,537
BRAZILIAN REAL			0	-
CANADIAN DOLLAR			696	703
YUAN RENMINBI OFFSHORE			3,005,312	2,762,039
YUAN RENMINBI			(2,920,720)	(2,748,987)
EURO CURRENCY			(124,143)	(129,940)
POUND STERLING			(66,371)	(76,028)
HUNGARIAN FORINT			254,354	234,992
JAPANESE YEN			522	447
SOUTH KOREAN WON			-	-
MEXICAN PESO (NEW)			426,925	438,007
NORWEGIAN KRONE			257	256
RUSSIAN RUBLE			99,095	85,468
SINGAPORE DOLLAR			2,404	2,403
US DOLLAR			2,178,433	2,178,433
SOUTH AFRICAN RAND			143,514	144,193
CANADIAN DOLLAR			2,599	2,546
EURO CURRENCY			949,680	904,637
US DOLLAR			982,251	982,251
Total Non Interest-Bearing Cash				4,968,433
Forwards				
AUSTRALIAN DOLLAR				4,811
AUSTRALIAN DOLLAR				179
BRAZILIAN REAL				(2,240)
BRAZILIAN REAL				8,238
BRAZILIAN REAL				(7,958)
SWISS FRANC				20,128
SWISS FRANC				6,794
CHILEAN PESO				(41,384)
CHILEAN PESO				104,680
CHILEAN PESO				42,120
COLOMBIAN PESO				9,747
COLOMBIAN PESO				(1,996)
COLOMBIAN PESO				(9,472)
EURO CURRENCY				(100,673)
EURO CURRENCY				1,157
EURO CURRENCY				(3,174)
POUND STERLING				49,877
INDONESIAN RUPIAH				2,964
INDONESIAN RUPIAH				1,115
INDONESIAN RUPIAH				551
INDONESIAN RUPIAH				1,155
INDONESIAN RUPIAH				600
INDONESIAN RUPIAH				305
INDONESIAN RUPIAH				488

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
MEXICAN PESO (NEW)				(42,568)
MEXICAN PESO (NEW)				(1,380)
MEXICAN PESO (NEW)				(6,153)
MEXICAN PESO (NEW)				14,132
MEXICAN PESO (NEW)				691
MEXICAN PESO (NEW)				175
MEXICAN PESO (NEW)				(29,143)
MEXICAN PESO (NEW)				55
NORWEGIAN KRONE				5,063
NORWEGIAN KRONE				12,158
SOL				10,939
SOL				(110,280)
SOL				45,965
SOUTH AFRICAN RAND				(3,681)
SOUTH AFRICAN RAND				(15,212)
SOUTH AFRICAN RAND				(1,731)
SOUTH AFRICAN RAND				(15,117)
SOUTH AFRICAN RAND				(1,088)
SOUTH AFRICAN RAND				(5,089)
SOUTH AFRICAN RAND				(33,943)
SOUTH AFRICAN RAND				(39,499)
SOUTH AFRICAN RAND				234
Total Forwards				(127,460)
Other Investments - Spot				
EURO CURRENCY	0.000000			1,135
Total Fixed Income - Spot				1,135
Total Cash and Forwards				4,842,108
Interest Bearing Cash				
* STATE STREET BANK + TRUST CO SHORT TERM INVESTMENT FUND	4.481704	0		-
* STATE STREET BANK + TRUST CO SHORT TERM INVESTMENT FUND	4.481704	9,846,145		9,846,145
Total Interest Bearing Cash and Equivalents				9,846,145
Common Stock				
ARCHIBALD CANDY CORP COM	0.000000	-		19
AURORA FOODS INC COM	0.000000	-		-
COMPUTER LEARNING CENTERS COMMON STOCK USD.01	0.000000	19		-
ESCROW LINK COMMUNICATIONS	0.000000	-		-
ESCROW LINK COMMUNICATIONS DTC ESCROW	0.000000	-		-
Total Common Stock				19
Fixed Income				
* STATE STREET CORP JR SUBORDINA 12/99 VAR	5.625000	150,000		139,991
AMERICAN AIRLINES, INC. 2021 TERM LOAN	0.000000	396,000		398,938
ARCHES BUYER INC 2021 TERM LOAN B	0.000000	863,280		809,600

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
		Interest Rate	Cost - Base	Market Value - Base
AVOLON TLB BORROWER 1 (US) LLC 2021 TERM LOAN B5		0.000000	873,180	881,608
DT MIDSTREAM INC TERM LOAN B		0.000000	119,199	120,136
DIAMOND SPORTS GROUP LLC 2022 FIRST PRI TERM LOAN		0.000000	112,128	116,455
EW SCRIPPS COMPANY THE 2019 TERM LOAN B2		0.000000	96,032	95,103
GIP II BLUE HOLDING L P TERM LOAN B		0.000000	995,052	1,003,154
IRB HOLDING CORP 2022 TERM LOAN B		0.000000	1,069,943	1,050,489
MH SUB I LLC AMENDMENT NO. 2 INITIAL TERM		0.000000	283,421	276,749
LEVEL 3 FINANCING INC 2019 TERM LOAN B		0.000000	470,545	452,102
UNITED AIRLINES, INC. 2021 TERM LOAN B		0.000000	977,588	972,881
JAZZ FINANCING LUX SARL USD TERM LOAN		0.000000	353,514	352,709
SETANTA AIRCRAFT LEASING DAC TERM LOAN B		0.000000	798,000	797,600
CARNIVAL CORPORATION 2021 INCREMENTAL TERM LOAN B		0.000000	1,871,595	1,766,259
AEP TEXAS INC SR UNSECURED 07/30 2.1		2.100000	189,374	163,145
AEP TRANSMISSION CO LLC SR UNSECURED 09/48 4.25		4.250000	825,489	592,111
AIA GROUP LTD SR UNSECURED 144A 04/30 3.375		3.375000	299,118	265,035
AMC NETWORKS INC COMPANY GUAR 02/29 4.25		4.250000	600,000	374,741
AP MOLLER MAERSK A/S SR UNSECURED 144A 06/29 4.5		4.500000	298,164	286,237
AMERICAN AIRLINES/AADVANC SR SECURED 144A 04/26 5.5		5.500000	1,821,500	1,733,640
ABBOTT LABORATORIES SR UNSECURED 11/36 4.75		4.750000	85,719	69,951
ABBVIE INC SR UNSECURED 05/35 4.5		4.500000	521,600	447,645
ABBVIE INC SR UNSECURED 05/46 4.45		4.450000	297,984	260,951
ABBVIE INC SR UNSECURED 03/35 4.55		4.550000	276,320	221,577
ACTIVISION BLIZZARD SR UNSECURED 06/47 4.5		4.500000	220,053	176,512
ACTIVISION BLIZZARD SR UNSECURED 09/50 2.5		2.500000	422,095	311,727
ADANI ELECTRICITY MUMBAI SR SECURED 144A 02/30 3.949		3.949000	400,000	306,451
AERCAP IRELAND CAP/GLOBA COMPANY GUAR 01/25 3.5		3.500000	194,388	190,689
AERCAP IRELAND CAP/GLOBA COMPANY GUAR 02/24 3.15		3.150000	1,986,580	1,934,892
AERCAP IRELAND CAP/GLOBA COMPANY GUAR 10/28 3		3.000000	1,397,452	1,177,811
ALABAMA POWER CO SR UNSECURED 07/48 4.3		4.300000	297,741	253,179
ALEXANDRIA REAL ESTATE E COMPANY GUAR 08/31 3.375		3.375000	367,279	320,688
ALEXANDRIA REAL ESTATE E COMPANY GUAR 02/50 4		4.000000	358,156	249,751
ALEXANDRIA REAL ESTATE E COMPANY GUAR 12/30 4.9		4.900000	843,248	685,195
ALIBABA GROUP HOLDING SR UNSECURED 12/57 4.4		4.400000	913,700	619,842
ALIBABA GROUP HOLDING SR UNSECURED 02/51 3.15		3.150000	299,943	189,865
AMAZON.COM INC SR UNSECURED 05/41 2.875		2.875000	1,195,476	905,639
AMEREN ILLINOIS CO 1ST MORTGAGE 03/49 4.5		4.500000	463,289	346,293

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
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AMERICAN ASSETS TRUST LP COMPANY GUAR 02/31 3.375		3.375000	1,187,220	957,482
AMERICAN EXPRESS CO JR SUBORDINA 12/99 VAR		3.550000	2,700,000	2,224,800
AMERICAN FINANCIAL GROUP SR UNSECURED 06/47 4.5		4.500000	611,330	480,901
AMERICAN INTL GROUP SR UNSECURED 07/45 4.8		4.800000	694,827	635,770
AMERICAN TOWER CORP SR UNSECURED 10/26 3.375		3.375000	297,012	281,248
AMERICAN TOWER CORP SR UNSECURED 01/27 3.125		3.125000	199,866	183,775
AMERICAN TOWER CORP SR UNSECURED 03/29 3.95		3.950000	197,834	184,923
AMERICAN TOWER CORP SR UNSECURED 08/29 3.8		3.800000	621,654	547,063
AMERICAN TOWER CORP SR UNSECURED 10/49 3.7		3.700000	1,248,610	862,881
AMERICAN TOWER CORP SR UNSECURED 06/30 2.1		2.100000	1,106,956	915,670
AMERICAN TOWER CORP SR UNSECURED 09/31 2.3		2.300000	1,591,104	1,252,219
AMERICAN TOWER CORP SR UNSECURED 03/27 3.65		3.650000	696,619	655,801
AMERICAN TRANSMISSION SY SR UNSECURED 144A 09/44 5		5.000000	99,007	91,889
AMERICAN TRANSMISSION SY SR UNSECURED 144A 01/32 2.65		2.650000	598,344	495,705
AMERICAN WATER CAPITAL C SR UNSECURED 09/47 3.75		3.750000	58,753	43,411
AMERICAN WATER CAPITAL C SR UNSECURED 06/49 4.15		4.150000	79,264	58,511
AMGEN INC SR UNSECURED 10/41 4.95		4.950000	310,506	276,975
AMGEN INC SR UNSECURED 11/41 5.15		5.150000	667,557	473,027
AMGEN INC SR UNSECURED 05/45 4.4		4.400000	66,546	50,739
AMGEN INC SR UNSECURED 09/53 2.77		2.770000	680,113	424,893
ANHEUSER BUSCH INBEV WOR COMPANY GUAR 01/39 5.45		5.450000	299,166	302,241
ANHEUSER BUSCH INBEV WOR COMPANY GUAR 01/49 5.55		5.550000	613,624	476,702
ANHEUSER BUSCH INBEV WOR COMPANY GUAR 04/38 4.375		4.375000	244,559	198,519
ANHEUSER BUSCH INBEV WOR COMPANY GUAR 04/48 4.6		4.600000	577,512	480,194
ELEVANCE HEALTH INC SR UNSECURED 12/47 4.375		4.375000	419,147	346,622
ELEVANCE HEALTH INC SR UNSECURED 03/48 4.55		4.550000	393,854	353,591
AON CORP/AON GLOBAL HOLD COMPANY GUAR 12/31 2.6		2.600000	199,842	164,372
APTIV PLC COMPANY GUAR 03/49 5.4		5.400000	199,116	171,959
ARCH CAPITAL GROUP LTD SR UNSECURED 06/50 3.635		3.635000	245,487	171,404
ARES FINANCE CO II LLC COMPANY GUAR 144A 06/30 3.25		3.250000	199,542	165,912
ARIZONA PUBLIC SERVICE SR UNSECURED 05/50 3.35		3.350000	249,006	166,468
AVOLON HOLDINGS FNDG LTD COMPANY GUAR 144A 02/25 2.875		2.875000	299,643	277,234
EQUITABLE HOLDINGS INC SR UNSECURED 04/48 5		5.000000	199,414	177,260
BAE SYSTEMS PLC SR UNSECURED 144A 04/30 3.4		3.400000	198,592	177,373
BAT CAPITAL CORP COMPANY GUAR 08/47 4.54		4.540000	213,903	160,937
BAT CAPITAL CORP COMPANY GUAR 09/49 4.758		4.758000	369,270	274,988

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
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BGC PARTNERS INC SR UNSECURED 07/23 5.375		5.375000	497,580	497,732
BANCOLOMBIA SA SUBORDINATED 12/29 VAR		4.625000	400,000	352,218
BANCO BTG PACTUAL/CAYMAN SR UNSECURED 144A 01/25 4.5		4.500000	303,000	289,563
BANCO SANTANDER SA SR UNSECURED 06/29 3.306		3.306000	107,900	91,877
BANCO SANTANDER SA SR UNSECURED 05/25 2.746		2.746000	2,200,000	2,061,026
BANK OF AMERICA CORP JR SUBORDINA 12/99 VAR		5.875000	398,726	352,764
BANK OF AMERICA CORP SR UNSECURED 12/28 VAR		3.419000	2,142,645	2,039,593
BANK OF AMERICA CORP SR UNSECURED 04/40 VAR		4.078000	510,872	385,428
BANK OF AMERICA CORP SR UNSECURED 10/30 VAR		2.884000	319,994	269,105
BANK OF AMERICA CORP SR UNSECURED 04/42 VAR		3.311000	1,300,000	965,018
BANK OF AMERICA CORP SR UNSECURED 07/52 VAR		2.972000	3,600,000	2,282,598
BANK OF AMERICA CORP SR UNSECURED 04/33 VAR		4.571000	1,500,000	1,381,927
BACARDI LTD COMPANY GUAR 144A 05/38 5.15		5.150000	398,552	364,988
BARCLAYS PLC JR SUBORDINA 12/99 VAR		8.000000	1,200,000	1,168,927
BARCLAYS PLC SUBORDINATED 06/30 VAR		5.088000	555,602	462,691
BARRICK NA FINANCE LLC COMPANY GUAR 09/38 7.5		7.500000	206,736	172,232
BAYER US FINANCE II LLC COMPANY GUAR 144A 12/28 4.375		4.375000	295,596	283,430
BAYER US FINANCE II LLC COMPANY GUAR 144A 06/48 4.875		4.875000	199,312	174,789
BERKSHIRE HATHAWAY ENERG SR UNSECURED 02/45 4.5		4.500000	346,994	308,435
BERKSHIRE HATHAWAY ENERG SR UNSECURED 07/48 3.8		3.800000	495,885	388,627
BLACK HILLS CORP SR UNSECURED 09/46 4.2		4.200000	201,592	154,040
BLACKSTONE HOLDINGS FINA COMPANY GUAR 144A 04/33 6.2		6.200000	1,098,108	1,116,003
BLOCK FINANCIAL LLC COMPANY GUAR 07/28 2.5		2.500000	1,194,484	1,024,063
BLUE OWL FINANCE LLC COMPANY GUAR 144A 02/32 4.375		4.375000	691,355	563,067
BNP PARIBAS SR UNSECURED 144A 01/31 VAR		3.052000	2,800,000	2,309,371
BOEING CO SR UNSECURED 03/47 3.65		3.650000	104,044	68,011
BOEING CO SR UNSECURED 02/50 3.75		3.750000	187,409	128,775
BOEING CO SR UNSECURED 08/59 3.95		3.950000	178,798	112,406
BOEING CO SR UNSECURED 02/28 3.25		3.250000	1,999,560	1,828,075
BOSTON SCIENTIFIC CORP SR UNSECURED 03/39 4.55		4.550000	379,283	293,769
BOSTON SCIENTIFIC CORP SR UNSECURED 06/30 2.65		2.650000	1,198,212	1,030,846
BRISTOL MYERS SQUIBB CO SR UNSECURED 10/49 4.25		4.250000	495,790	436,815
BRISTOL MYERS SQUIBB CO SR UNSECURED 11/47 4.35		4.350000	99,733	88,916
BRITISH TELECOMMUNICATIO SR UNSECURED 12/30 9.625		9.625000	141,546	120,356
BROADCOM INC COMPANY GUAR 11/30 4.15		4.150000	703,219	633,426
BROADCOM INC COMPANY GUAR 144A 02/33 2.6		2.600000	99,824	75,641

Rio Tinto America Inc. Retirement Plan

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BROADCOM INC SR UNSECURED 144A 04/34 3.469		3.469000	1,074,131	852,553
BROADCOM INC SR UNSECURED 144A 11/35 3.137		3.137000	188,742	140,927
BROADCOM INC SR UNSECURED 144A 11/36 3.187		3.187000	783,688	571,729
BROADCOM INC SR UNSECURED 144A 05/37 4.926		4.926000	953,368	837,940
BROOKFIELD FINANCE INC COMPANY GUAR 09/47 4.7		4.700000	300,401	241,458
BROOKFIELD FINANCE INC COMPANY GUAR 04/30 4.35		4.350000	1,098,883	1,005,486
BROOKFIELD FINANCE INC COMPANY GUAR 02/52 3.625		3.625000	1,098,988	724,454
BROOKFIELD PPTY REIT INC SR SECURED 144A 05/26 5.75		5.750000	100,000	91,319
BURLINGTON NORTH SANTA FE SR UNSECURED 09/44 4.55		4.550000	70,933	54,871
CDW LLC/CDW FINANCE COMPANY GUAR 12/31 3.569		3.569000	500,000	412,122
CF INDUSTRIES INC COMPANY GUAR 06/43 4.95		4.950000	954,000	690,461
CF INDUSTRIES INC COMPANY GUAR 03/44 5.375		5.375000	492,000	363,857
CIGNA GROUP/THE COMPANY GUAR 12/48 4.9		4.900000	713,988	561,503
CME GROUP INC SR UNSECURED 09/43 5.3		5.300000	524,120	523,850
CVS PASS THROUGH TRUST PASS THRU CE 01/30 6.943		6.943000	560,939	505,254
CVS HEALTH CORP SR UNSECURED 07/45 5.125		5.125000	40,215	31,928
CVS HEALTH CORP SR UNSECURED 03/28 4.3		4.300000	291,623	260,160
CVS HEALTH CORP SR UNSECURED 03/48 5.05		5.050000	574,774	494,435
CVS HEALTH CORP SR UNSECURED 08/29 3.25		3.250000	86,191	76,425
CAMERON LNG LLC SR SECURED 144A 07/31 2.902		2.902000	599,319	509,423
CAMPBELL SOUP CO SR UNSECURED 03/48 4.8		4.800000	116,845	107,612
CAMPBELL SOUP CO SR UNSECURED 04/50 3.125		3.125000	598,374	412,358
CANTOR FITZGERALD LP SR UNSECURED 144A 04/27 4.5		4.500000	199,362	185,859
CARLYLE FINANCE LLC COMPANY GUAR 144A 09/48 5.65		5.650000	299,742	270,063
CELGENE CORP SR UNSECURED 11/47 4.35		4.350000	126,662	77,771
CELLNEX FINANCE COMPANY GUAR 144A 07/41 3.875		3.875000	691,068	479,812
CELULOOSA ARAUCO CONSTITU SR UNSECURED 11/47 5.5		5.500000	199,416	178,689
CENTENE CORP SR UNSECURED 12/27 4.25		4.250000	297,480	282,294
CENTENE CORP SR UNSECURED 07/28 2.45		2.450000	400,000	338,057
CENTERPOINT ENERGY INC JR SUBORDINA 12/99 VAR		6.125000	200,000	188,125
CENTERPOINT ENERGY RES SR UNSECURED 09/47 4.1		4.100000	198,834	162,766
CHARTER COMM OPT LLC/CAP SR SECURED 05/47 5.375		5.375000	300,339	237,775
CHARTER COMM OPT LLC/CAP SR SECURED 04/48 5.75		5.750000	379,880	331,415
CHARTER COMM OPT LLC/CAP SR SECURED 06/62 3.95		3.950000	1,289,418	777,403
CHENIERE CORP CHRISTI HD SR SECURED 06/27 5.125		5.125000	500,000	495,455
CITIGROUP INC JR SUBORDINA 07/49 VAR		5.950000	600,000	595,650
CITIGROUP INC JR SUBORDINA 12/49 VAR		6.300000	200,000	189,400

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CITIGROUP INC JR SUBORDINA 12/49 VAR	5.950000	332,200	297,375	
CITIGROUP INC SR UNSECURED 07/28 VAR	3.668000	500,000	461,116	
CITIGROUP INC SR UNSECURED 10/28 VAR	3.520000	146,661	128,173	
CITIGROUP INC SR UNSECURED 01/39 VAR	3.878000	215,388	166,921	
CITIGROUP INC SR UNSECURED 04/29 VAR	4.075000	500,000	461,781	
CITIGROUP INC SR UNSECURED 03/30 VAR	3.980000	48,763	40,776	
CITIGROUP INC JR SUBORDINA 12/99 VAR	4.700000	700,000	583,591	
CITIGROUP INC SR UNSECURED 04/26 VAR	3.106000	1,900,000	1,798,286	
CITIGROUP INC SR UNSECURED 11/30 VAR	2.976000	200,153	169,047	
CITIZENS FINANCIAL GROUP JR SUBORDINA 12/99 VAR	5.650000	696,950	672,089	
CLECO CORPORATE HOLDINGS SR SECURED 05/46 4.973	4.973000	200,000	170,735	
COMCAST CORP COMPANY GUAR 07/46 3.4	3.400000	90,308	74,031	
COMCAST CORP COMPANY GUAR 11/49 3.999	3.999000	599,675	486,490	
COMCAST CORP COMPANY GUAR 11/56 2.937	2.937000	296,975	187,711	
COMMONSPIRIT HEALTH SR SECURED 10/49 4.187	4.187000	100,000	78,909	
COMMONWEALTH EDISON CO 1ST MORTGAGE 03/48 4	4.000000	519,969	383,159	
CONAGRA BRANDS INC SR UNSECURED 11/38 5.3	5.300000	310,113	287,051	
CONNECTICUT LIGHT + PWR 1ST REF MORT 04/48 4	4.000000	299,271	252,531	
CON EDISON CO OF NY INC SR UNSECURED 12/45 4.5	4.500000	599,400	521,319	
CON EDISON CO OF NY INC SR UNSECURED 11/57 4	4.000000	100,694	76,797	
CON EDISON CO OF NY INC SR UNSECURED 04/50 3.95	3.950000	496,690	401,270	
CONSTELLATION BRANDS INC COMPANY GUAR 05/47 4.5	4.500000	104,807	85,277	
CONSTELLATION BRANDS INC COMPANY GUAR 02/48 4.1	4.100000	390,960	310,647	
CONSTELLATION BRANDS INC COMPANY GUAR 11/48 5.25	5.250000	223,225	175,655	
CONSTELLATION BRANDS INC COMPANY GUAR 08/29 3.15	3.150000	126,347	110,055	
CONSUMERS ENERGY CO 1ST MORTGAGE 05/48 4.05	4.050000	197,942	167,254	
CONTINENTAL RESOURCES COMPANY GUAR 144A 01/31 5.75	5.750000	466,387	373,257	
COX COMMUNICATIONS INC SR UNSECURED 144A 02/35 4.8	4.800000	499,820	446,672	
COX COMMUNICATIONS INC COMPANY GUAR 144A 10/30 1.8	1.800000	598,134	459,146	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/99 VAR	7.500000	1,449,125	1,042,106	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/99 VAR	7.250000	516,500	359,504	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A VAR	6.375000	435,500	287,659	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/99 VAR	5.100000	600,000	348,700	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/49 VAR	6.250000	553,350	394,187	
CREDIT SUISSE AG SUBORDINATED 144A 08/23 6.5	6.500000	704,200	679,494	
CREDIT SUISSE GROUP AG JR SUBORDINA 144A 12/49 VAR	7.500000	438,500	350,400	

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CROWN CASTLE INC SR UNSECURED 05/47 4.75	4.750000	118,267	85,945	
CROWN CASTLE INC SR UNSECURED 02/29 4.3	4.300000	108,306	94,878	
CROWN CASTLE INC SR UNSECURED 02/49 5.2	5.200000	600,148	546,138	
CROWN CASTLE INC SR UNSECURED 01/31 2.25	2.250000	2,395,920	1,936,194	
CROWN CASTLE INC SR UNSECURED 01/51 3.25	3.250000	99,786	65,787	
CUBESMART LP COMPANY GUAR 12/28 2.25	2.250000	597,090	496,611	
DH EUROPE FINANCE II COMPANY GUAR 11/39 3.25	3.250000	105,631	84,856	
DH EUROPE FINANCE II COMPANY GUAR 11/49 3.4	3.400000	60,536	45,948	
DTE ELECTRIC CO GENL REF MOR 05/48 4.05	4.050000	99,551	84,114	
DTE ELECTRIC CO 1ST MORTGAGE 03/31 2.625	2.625000	299,496	256,451	
DAIMLER TRUCK FINAN NA COMPANY GUAR 144A 12/26 2	2.000000	597,390	530,124	
DAVITA INC COMPANY GUAR 144A 06/30 4.625	4.625000	200,000	160,964	
DELL INT LLC / EMC CORP SR UNSECURED 06/26 6.02	6.020000	898,195	921,252	
DELL INT LLC / EMC CORP SR UNSECURED 10/26 4.9	4.900000	398,972	394,835	
DELL INT LLC / EMC CORP SR UNSECURED 10/29 5.3	5.300000	891,889	884,508	
DELTA AIR LINES INC SR UNSECURED 10/29 3.75	3.750000	597,750	499,797	
DELTA AIR LINES INC SR UNSECURED 10/24 2.9	2.900000	394,000	379,603	
DELTA AIR LINES INC SR UNSECURED 01/26 7.375	7.375000	306,360	282,450	
DEPOSITORY TRUST + CLEAR JR SUBORDINA 144A 12/99 VAR	3.375000	250,000	198,125	
DEUTSCHE BANK NY SR UNSECURED 11/25 VAR	3.961000	900,000	861,083	
DEUTSCHE BANK NY SUBORDINATED 01/32 VAR	3.729000	6,811,581	5,015,926	
DEVON ENERGY CORPORATION SR UNSECURED 05/42 4.75	4.750000	229,620	171,237	
DIAMOND SPORTS GR/DIAMON SECURED 144A 08/26 5.375	5.375000	200,000	23,750	
DIAMONDBACK ENERGY INC COMPANY GUAR 03/31 3.125	3.125000	896,931	749,863	
WALT DISNEY COMPANY/THE COMPANY GUAR 10/45 4.95	4.950000	563,786	408,533	
TWDC ENTERPRISES 18 CORP COMPANY GUAR 07/46 3	3.000000	192,424	141,609	
DISCOVER FINANCIAL SVS JR SUBORDINA 12/99 VAR	5.500000	300,000	239,931	
DISCOVERY COMMUNICATIONS COMPANY GUAR 09/47 5.2	5.200000	11,152	7,511	
DISCOVERY COMMUNICATIONS COMPANY GUAR 09/55 4	4.000000	493,154	295,117	
DISH DBS CORP SR SECURED 144A 12/28 5.75	5.750000	500,000	400,000	
DUKE ENERGY CORP SR UNSECURED 12/45 4.8	4.800000	697,648	623,039	
DUKE ENERGY CORP SR UNSECURED 08/47 3.95	3.950000	366,072	306,338	
DUKE ENERGY CAROLINAS 1ST REF MORT 03/46 3.875	3.875000	168,390	119,495	
DUKE ENERGY PROGRESS LLC 1ST MORTGAGE 10/46 3.7	3.700000	698,215	537,215	
ELECTRICITE DE FRANCE SA SR UNSECURED 144A 01/44 4.875	4.875000	166,412	117,798	
ELECTRICITE DE FRANCE SA SR UNSECURED 144A 10/35 4.75	4.750000	216,193	161,266	
ELECTRICITE DE FRANCE SA SR UNSECURED 144A 10/45 4.95	4.950000	644,880	520,112	

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
		Interest Rate	Cost - Base	Market Value - Base
ERAC USA FINANCE LLC COMPANY GUAR 144A 10/37 7		7.000000	130,389	109,536
ERP OPERATING LP SR UNSECURED 08/47 4		4.000000	97,726	78,140
ERP OPERATING LP SR UNSECURED 02/30 2.5		2.500000	602,070	503,544
EPR PROPERTIES COMPANY GUAR 12/26 4.75		4.750000	98,429	90,053
EPR PROPERTIES SR UNSECURED 08/29 3.75		3.750000	297,504	236,032
EQM MIDSTREAM PARTNERS L SR UNSECURED 12/26 4.125		4.125000	297,573	267,413
MORGAN STANLEY DOM HOLD COMPANY GUAR 06/28 4.5		4.500000	99,912	97,607
EDISON INTERNATIONAL JR SUBORDINA 12/99 VAR		5.000000	400,000	337,000
KINDER MORGAN ENER PART COMPANY GUAR 11/40 7.5		7.500000	351,918	275,248
EMERA US FINANCE LP COMPANY GUAR 06/46 4.75		4.750000	305,804	234,786
ENERGY TRANSFER LP SR UNSECURED 03/27 4.4		4.400000	199,230	190,667
ENERGY TRANSFER LP SR UNSECURED 02/42 6.5		6.500000	189,312	198,672
ENERGY TRANSFER LP SR UNSECURED 02/43 5.15		5.150000	312,948	334,294
ENERGY TRANSFER LP SR UNSECURED 02/33 5.75		5.750000	2,796,948	2,744,798
ENEL FINANCE INTL NV COMPANY GUAR 144A 10/52 7.75		7.750000	1,518,132	1,725,356
ENERGY TRANSFER LP SR UNSECURED 04/49 6.25		6.250000	255,591	206,925
ENLINK MIDSTREAM PARTNER SR UNSECURED 06/47 5.45		5.450000	99,981	80,341
ENTERGY LOUISIANA LLC COLLATERAL T 04/28 3.25		3.250000	299,970	273,929
ENTERGY LOUISIANA LLC COLLATERAL T 04/50 4.2		4.200000	397,172	330,143
ENTERGY MISSISSIPPI LLC 1ST MORTGAGE 06/51 3.5		3.500000	709,639	508,682
ENTERPRISE PRODUCTS OPER COMPANY GUAR 09/40 6.45		6.450000	120,075	105,299
ENTERPRISE PRODUCTS OPER COMPANY GUAR 08/77 VAR		7.629860	95,875	90,643
ENTERPRISE PRODUCTS OPER COMPANY GUAR 02/48 4.25		4.250000	199,730	161,682
EQUIFAX INC SR UNSECURED 05/30 3.1		3.100000	199,620	169,208
EQUINIX INC SR UNSECURED 11/29 3.2		3.200000	1,484,252	1,223,606
ESSEX PORTFOLIO LP COMPANY GUAR 05/27 3.625		3.625000	198,846	187,483
ESSEX PORTFOLIO LP COMPANY GUAR 01/30 3		3.000000	821,456	680,181
EVERGY KANSAS CENTRAL 1ST MORTGAGE 04/50 3.45		3.450000	99,591	72,912
CONSTELLATION EN GEN LLC SR UNSECURED 06/42 5.6		5.600000	672,744	562,110
EXTRA SPACE STORAGE LP COMPANY GUAR 03/32 2.35		2.350000	399,188	304,783
EXXON MOBIL CORPORATION SR UNSECURED 08/49 3.095		3.095000	39,722	29,067
FMR LLC SR UNSECURED 144A 11/39 6.45		6.450000	322,385	258,457
FACTSET RESEARCH SYSTEMS SR UNSECURED 03/32 3.45		3.450000	199,212	169,323
FAIRFAX FINL HLDGS LTD SR UNSECURED 04/30 4.625		4.625000	800,000	729,626
FARMERS INS EXCH SUBORDINATED 144A 11/57 VAR		3.934000	198,990	161,815
FEDEX CORP COMPANY GUAR 01/44 5.1		5.100000	267,333	215,113
FEDEX CORP COMPANY GUAR 11/45 4.75		4.750000	396,316	341,375

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
FIRST AMERICAN FINANCIAL SR UNSECURED 08/31 2.4	2.400000	822,165	607,005	
FISERV INC SR UNSECURED 07/29 3.5	3.500000	399,328	361,756	
FIRSTENERGY CORP SR UNSECURED 03/50 3.4	3.400000	499,245	333,388	
FLEX LTD SR UNSECURED 06/25 4.75	4.750000	434,500	393,541	
FLEX LTD SR UNSECURED 05/30 4.875	4.875000	199,124	188,636	
FLORIDA POWER + LIGHT CO 1ST MORTGAGE 03/48 3.95	3.950000	298,380	249,555	
FLORIDA POWER + LIGHT CO 1ST MORTGAGE 10/49 3.15	3.150000	20,078	14,617	
FORD MOTOR CREDIT CO LLC SR UNSECURED 11/23 3.37	3.370000	3,099,628	3,029,828	
FORTRESS TRANS + INFRAST COMPANY GUAR 144A 05/28 5.5	5.500000	703,500	598,101	
FORTUNE BRANDS INNOVATIO SR UNSECURED 06/25 4	4.000000	298,071	292,435	
FOX CORP SR UNSECURED 01/49 5.576	5.576000	262,051	189,574	
FREEDOM MORTGAGE CORP SR UNSECURED 144A 01/27 6.625	6.625000	1,300,000	1,013,351	
GA GLOBAL FUNDING TRUST SECURED 144A 01/26 1.625	1.625000	399,540	355,983	
GATX CORP SR UNSECURED 03/45 4.5	4.500000	103,621	78,213	
GLP CAPITAL LP / FIN II COMPANY GUAR 06/28 5.75	5.750000	934,512	787,561	
GLP CAPITAL LP / FIN II COMPANY GUAR 01/29 5.3	5.300000	399,940	379,186	
ALLY FINANCIAL INC COMPANY GUAR 11/31 8	8.000000	1,132,016	831,287	
ALLY FINANCIAL INC SR UNSECURED 11/31 8	8.000000	781,825	627,284	
GEORGIA POWER CO SR UNSECURED 05/52 5.125	5.125000	1,091,970	1,033,486	
GILEAD SCIENCES INC SR UNSECURED 02/45 4.5	4.500000	108,403	84,667	
GILEAD SCIENCES INC SR UNSECURED 03/46 4.75	4.750000	188,245	158,962	
GLOBAL PAYMENTS INC SR UNSECURED 05/30 2.9	2.900000	299,019	247,394	
GLOBAL PAYMENTS INC SR UNSECURED 08/52 5.95	5.950000	497,790	454,405	
GOLDMAN SACHS GROUP INC SR UNSECURED 05/29 VAR	3.934000	70,901	60,779	
GOLDMAN SACHS GROUP INC SR UNSECURED 04/39 VAR	4.411000	600,000	523,401	
GOLDMAN SACHS GROUP INC JR SUBORDINA 12/99 VAR	3.650000	500,000	405,000	
GOLDMAN SACHS GROUP INC SUBORDINATED 05/45 5.15	5.150000	509,567	390,628	
GOODMAN US FIN THREE COMPANY GUAR 144A 03/28 3.7	3.700000	298,893	271,675	
GOODMAN US FIN FOUR COMPANY GUAR 144A 10/37 4.5	4.500000	299,520	253,533	
GREAT WEST LIFE CO FINANC COMPANY GUAR 144A 06/47 4.15	4.150000	198,436	156,238	
GUARDIAN LIFE INSURANCE SUBORDINATED 144A 01/70 3.7	3.700000	194,354	133,552	
HCA INC COMPANY GUAR 06/47 5.5	5.500000	400,000	358,467	
HCA INC COMPANY GUAR 06/49 5.25	5.250000	295,584	258,334	
HCA INC COMPANY GUAR 07/51 3.5	3.500000	696,507	455,344	
HCA INC COMPANY GUAR 144A 03/52 4.625	4.625000	999,020	788,500	
HSBC HOLDINGS PLC JR SUBORDINA 12/99 VAR	6.500000	2,730,025	2,400,259	
HSBC HOLDINGS PLC SR UNSECURED 05/30 VAR	3.973000	688,864	563,075	

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
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HSBC HOLDINGS PLC SR UNSECURED 03/30 4.95		4.950000	199,750	191,698
HSBC HOLDINGS PLC SR UNSECURED 06/31 VAR		2.848000	900,000	722,338
HSBC BANK USA NA SUBORDINATED 01/39 7		7.000000	251,706	190,862
L3HARRIS TECH INC SR UNSECURED 04/35 4.854		4.854000	100,000	93,926
L3HARRIS TECH INC SR UNSECURED 04/45 5.054		5.054000	200,000	181,146
HEINEKEN NV SR UNSECURED 144A 10/42 4		4.000000	100,613	79,638
HESS CORP SR UNSECURED 01/40 6		6.000000	410,136	396,149
HIGH STREET FDG TRUST II SR UNSECURED 144A 02/48 4.682		4.682000	100,000	84,465
HIGHWOODS REALTY LP SR UNSECURED 04/29 4.2		4.200000	523,495	437,804
HOLCIM CAPITAL CORP COMPANY GUAR 144A 09/43 6.5		6.500000	316,626	295,635
HOME DEPOT INC SR UNSECURED 02/44 4.875		4.875000	295,518	290,087
HOME DEPOT INC SR UNSECURED 06/47 3.9		3.900000	238,605	174,877
HOME DEPOT INC SR UNSECURED 04/40 3.3		3.300000	239,892	177,187
HOST HOTELS + RESORTS LP SR UNSECURED 09/30 3.5		3.500000	786,136	663,967
HUDSON PACIFIC PROPERTIE COMPANY GUAR 04/29 4.65		4.650000	506,230	429,124
HUDSON PACIFIC PROPERTIE COMPANY GUAR 01/30 3.25		3.250000	182,352	152,402
IDAHO POWER CO 1ST MORTGAGE 03/48 4.2		4.200000	341,289	244,485
IMPERIAL BRANDS FIN PLC COMPANY GUAR 144A 07/26 3.5		3.500000	201,400	184,284
IMPERIAL BRANDS FIN PLC COMPANY GUAR 144A 07/29 3.875		3.875000	198,266	171,431
INDIANA MICHIGAN POWER SR UNSECURED 08/48 4.25		4.250000	799,920	570,865
ING GROEP NV JR SUBORDINA 12/99 VAR		4.250000	600,000	413,254
INTERCONTINENTALEXCHANGE SR UNSECURED 09/48 4.25		4.250000	99,288	84,688
INTERCONTINENTALEXCHANGE SR UNSECURED 06/50 3		3.000000	295,488	204,898
INTL FLAVOR + FRAGRANCES SR UNSECURED 144A 11/40 3.268		3.268000	999,940	722,572
INTESA SANPAOLO SPA SUBORDINATED 144A 06/42 VAR		4.950000	1,086,378	712,852
IPALCO ENTERPRISES INC SR SECURED 05/30 4.25		4.250000	299,727	267,960
JPMORGAN CHASE + CO SR UNSECURED 02/28 VAR		3.782000	428,437	374,812
JPMORGAN CHASE + CO SR UNSECURED 02/48 VAR		4.260000	500,451	418,297
JPMORGAN CHASE + CO SR UNSECURED 07/48 VAR		4.032000	234,716	167,823
JPMORGAN CHASE + CO SR UNSECURED 11/48 VAR		3.964000	94,372	66,853
JPMORGAN CHASE + CO SR UNSECURED 10/30 VAR		2.739000	728,564	615,387
JERSEY CENTRAL PWR + LT SR UNSECURED 144A 01/26 4.3		4.300000	334,982	289,916
JERSEY CENTRAL PWR + LT SR UNSECURED 144A 03/32 2.75		2.750000	299,178	244,036
JPMORGAN CHASE + CO SR UNSECURED 01/42 5.4		5.400000	217,178	163,476
JPMORGAN CHASE + CO JR SUBORDINA 12/99 VAR		4.600000	1,300,000	1,148,875
JPMORGAN CHASE + CO JR SUBORDINA 12/99 VAR		4.000000	1,996,111	1,717,500
JPMORGAN CHASE + CO JR SUBORDINA 12/99 VAR		3.650000	1,000,000	858,750

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
KKR GROUP FINANCE CO VII COMPANY GUAR 144A 02/50 3.625	3.625000	386,662	278,048	
KKR GROUP FIN CO X LLC COMPANY GUAR 144A 12/51 3.25	3.250000	1,976,297	1,271,543	
KAISER FOUNDATION HOSPIT COMPANY GUAR 11/49 3.266	3.266000	109,281	80,621	
KANSAS CITY SOUTHERN COMPANY GUAR 08/45 4.95	4.950000	337,577	272,723	
KANSAS CITY SOUTHERN COMPANY GUAR 05/50 3.5	3.500000	694,456	505,453	
KENTUCKY UTILITIES CO 1ST MORTGAGE 10/45 4.375	4.375000	203,690	170,742	
KILROY REALTY LP COMPANY GUAR 02/30 3.05	3.050000	757,114	643,599	
KILROY REALTY LP COMPANY GUAR 11/33 2.65	2.650000	99,957	69,921	
KINDER MORGAN ENER PART COMPANY GUAR 01/38 6.95	6.950000	114,694	107,093	
KINDER MORGAN ENER PART COMPANY GUAR 03/41 6.375	6.375000	748,469	649,506	
KINDER MORGAN ENER PART COMPANY GUAR 03/44 5.5	5.500000	446,463	411,534	
KINDER MORGAN INC COMPANY GUAR 06/45 5.55	5.550000	11,563	9,204	
KINDER MORGAN INC COMPANY GUAR 02/46 5.05	5.050000	10,861	8,604	
LAS VEGAS SANDS CORP SR UNSECURED 06/25 2.9	2.900000	399,500	368,371	
LEIDOS INC COMPANY GUAR 05/30 4.375	4.375000	98,716	90,659	
LXP INDUSTRIAL TRUST COMPANY GUAR 09/30 2.7	2.700000	396,932	320,367	
LIBERTY MUTUAL GROUP INC COMPANY GUAR 144A 10/50 3.951	3.951000	103,662	70,887	
LLOYDS BANKING GROUP PLC SR UNSECURED 08/28 4.55	4.550000	598,188	566,667	
LOCKHEED MARTIN CORP SR UNSECURED 09/41 4.85	4.850000	109,924	84,093	
LOCKHEED MARTIN CORP SR UNSECURED 03/35 3.6	3.600000	21,570	17,890	
LOUISVILLE GAS + ELEC 1ST MORTGAGE 04/49 4.25	4.250000	99,882	84,110	
MDC HOLDINGS INC COMPANY GUAR 08/61 3.966	3.966000	200,000	113,205	
MGM CHINA HOLDINGS LTD SR UNSECURED 144A 06/25 5.25	5.250000	503,750	471,009	
MGM CHINA HOLDINGS LTD SR UNSECURED 144A 02/27 4.75	4.750000	582,000	531,565	
MPLX LP SR UNSECURED 04/58 4.9	4.900000	181,944	158,824	
MPLX LP SR UNSECURED 12/47 5.2	5.200000	289,864	215,212	
MANULIFE FINANCIAL CORP SR UNSECURED 03/46 5.375	5.375000	498,225	486,488	
MARS INC COMPANY GUAR 144A 04/34 3.6	3.600000	55,313	43,660	
MARS INC COMPANY GUAR 144A 04/39 3.875	3.875000	55,945	42,876	
MARSH + MCLENNAN COS INC SR UNSECURED 03/48 4.2	4.200000	223,214	166,971	
MARSH + MCLENNAN COS INC SR UNSECURED 03/39 4.75	4.750000	299,733	278,604	
MARRIOTT INTERNATIONAL SR UNSECURED 06/30 4.625	4.625000	397,516	375,258	
MARRIOTT INTERNATIONAL SR UNSECURED 10/32 3.5	3.500000	204,124	167,534	
MARRIOTT INTERNATIONAL SR UNSECURED 04/31 2.85	2.850000	698,635	568,323	
MASSACHUSETTS ELECTRIC SR UNSECURED 144A 11/39 5.9	5.900000	383,796	300,349	
MASS INSTITUTE OF TECH UNSECURED 12/99 5.6	5.600000	588,549	394,459	
MASS INSTITUTE OF TECH UNSECURED 07/16 3.885	3.885000	1,488,569	965,495	

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
MASS MUTUAL LIFE INS CO SUBORDINATED 144A 10/70 3.729	3.729000	228,379	161,775	
MCDONALD S CORP SR UNSECURED 03/47 4.45	4.450000	312,678	241,326	
MCDONALD S CORP SR UNSECURED 09/49 3.625	3.625000	196,150	152,350	
MELCO RESORTS FINANCE SR UNSECURED 144A 07/27 5.625	5.625000	500,000	426,393	
MELCO RESORTS FINANCE SR UNSECURED 144A 12/29 5.375	5.375000	1,400,000	1,125,726	
MELCO RESORTS FINANCE SR UNSECURED 144A 07/28 5.75	5.750000	600,000	502,632	
MICRON TECHNOLOGY INC SR UNSECURED 02/29 5.327	5.327000	199,020	192,836	
MICRON TECHNOLOGY INC SR UNSECURED 02/30 4.663	4.663000	349,979	319,039	
MIDAMERICAN ENERGY CO 1ST MORTGAGE 10/44 4.4	4.400000	480,262	362,058	
MIDAMERICAN ENERGY CO 1ST MORTGAGE 07/49 4.25	4.250000	431,822	309,588	
MINERA MEXICO SA DE CV SR UNSECURED 144A 01/50 4.5	4.500000	123,008	94,597	
MITSUBISHI UFJ FIN GRP SR UNSECURED 03/39 4.153	4.153000	441,103	332,624	
MITSUBISHI UFJ FIN GRP SR UNSECURED 07/39 3.751	3.751000	245,973	188,513	
MITSUBISHI UFJ FIN GRP SR UNSECURED 10/32 VAR	2.494000	1,000,000	784,326	
MIZUHO FINANCIAL GROUP SR UNSECURED 07/31 VAR	2.201000	1,100,000	863,651	
MOODY S CORPORATION SR UNSECURED 07/44 5.25	5.250000	406,652	388,604	
MORGAN STANLEY SR UNSECURED 01/30 VAR	4.431000	22,413	18,759	
MORGAN STANLEY SR UNSECURED 07/38 VAR	3.971000	227,525	178,099	
MORGAN STANLEY SR UNSECURED 01/33 VAR	2.943000	600,000	488,637	
NGPL PIPECO LLC SR UNSECURED 144A 12/37 7.768	7.768000	124,125	104,926	
NXP B V 12/28 5.55	5.550000	99,759	105,760	
NXP BV/NXP FDG/NXP USA COMPANY GUAR 05/27 3.15	3.150000	798,408	727,032	
NATIONAL HEALTH INVESTOR COMPANY GUAR 02/31 3	3.000000	297,588	217,628	
NATIONAL SECS CLEARING SR UNSECURED 144A 04/25 1.5	1.500000	499,015	464,259	
NATIONWIDE BLDG SOCIETY SUBORDINATED 144A 09/26 4	4.000000	249,265	227,842	
NATIONWIDE FINANCIAL SER COMPANY GUAR 144A 11/49 3.9	3.900000	99,508	70,637	
NATIONWIDE BLDG SOCIETY SR UNSECURED 144A 07/30 VAR	3.960000	200,000	174,874	
NBCUNIVERSAL MEDIA LLC COMPANY GUAR 01/43 4.45	4.450000	361,157	326,951	
NEW YORK LIFE INSURANCE SUBORDINATED 144A 05/69 4.45	4.450000	299,682	250,983	
NY STATE ELECTRIC + GAS SR UNSECURED 144A 09/49 3.3	3.300000	202,530	136,430	
NEWMONT CORP COMPANY GUAR 10/39 6.25	6.250000	230,225	184,399	
NEWMONT CORP COMPANY GUAR 06/44 5.45	5.450000	459,744	385,008	
NIPPON LIFE INSURANCE SUBORDINATED 144A 10/44 VAR	5.100000	500,000	489,212	
NIPPON LIFE INSURANCE SUBORDINATED 144A 01/51 VAR	2.750000	800,000	643,086	
NISOURCE INC SR UNSECURED 02/45 5.65	5.650000	359,718	296,266	
NISOURCE INC SR UNSECURED 05/47 4.375	4.375000	199,836	169,444	
NISSAN MOTOR ACCEPTANCE SR UNSECURED 144A 03/24 VAR	5.374570	900,000	885,846	

Rio Tinto America Inc. Retirement Plan

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NISSAN MOTOR CO SR UNSECURED 144A 09/30 4.81		4.810000	663,474	511,959
NOMURA HOLDINGS INC SR UNSECURED 01/30 3.103		3.103000	300,000	250,945
NOMURA HOLDINGS INC SR UNSECURED 07/30 2.679		2.679000	300,000	241,478
NOMURA HOLDINGS INC SR UNSECURED 01/32 2.999		2.999000	1,400,000	1,107,304
NORFOLK SOUTHERN CORP SR UNSECURED 01/46 4.65		4.650000	198,654	179,044
NORFOLK SOUTHERN CORP SR UNSECURED 08/52 4.05		4.050000	221,305	178,792
NORFOLK SOUTHERN CORP SR UNSECURED 05/55 3.155		3.155000	616,651	421,532
NORTHERN STATES PWR MINN 1ST MORTGAGE 03/50 2.9		2.900000	692,714	493,581
NORTHROP GRUMMAN CORP SR UNSECURED 10/47 4.03		4.030000	607,763	460,941
NOVARTIS CAPITAL CORP COMPANY GUAR 05/44 4.4		4.400000	441,527	336,914
ODBRCHT OFFSHRE DRLL FIN SR SECURED 144A 12/26 7.72		7.720000	148,162	69,363
ODEBRECHT OIL + FINANCE COMPANY GUAR 144A 12/99 0.0000		0.000000	32	74
OGLETHORPE POWER CORP 1ST MORTGAGE 10/48 5.05		5.050000	40,615	30,271
OGLETHORPE POWER CORP 1ST MORTGAGE 11/40 5.375		5.375000	717,340	542,004
OHIO NAT FINANCIAL SRVS SR UNSECURED 144A 01/30 6.8		5.800000	499,660	461,708
OHIO POWER COMPANY SR UNSECURED 10/51 2.9		2.900000	696,647	462,864
OMEGA HLTHCARE INVESTORS COMPANY GUAR 01/28 4.75		4.750000	296,934	277,318
OMEGA HLTHCARE INVESTORS COMPANY GUAR 04/33 3.25		3.250000	302,724	218,451
ONCOR ELECTRIC DELIVERY SR SECURED 04/45 3.75		3.750000	1,069,508	793,929
ONEOK PARTNERS LP COMPANY GUAR 10/37 6.85		6.850000	578,592	609,100
ONEOK PARTNERS LP COMPANY GUAR 02/41 6.125		6.125000	222,731	190,488
ORACLE CORP SR UNSECURED 11/47 4		4.000000	97,914	74,057
ORACLE CORP SR UNSECURED 03/41 3.65		3.650000	3,277,758	2,459,787
ORACLE CORP SR UNSECURED 03/51 3.95		3.950000	998,250	721,402
ORACLE CORP SR UNSECURED 03/61 4.1		4.100000	898,236	632,911
PNC FINANCIAL SERVICES JR SUBORDINA 12/99 VAR		6.000000	800,000	753,698
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 03/45 4.3		4.300000	1,274,724	860,424
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 06/25 3.5		3.500000	850,096	756,102
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 02/31 2.5		2.500000	399,584	313,474
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 07/25 3.45		3.450000	428,200	379,294
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 07/30 4.55		4.550000	799,582	638,221
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 07/50 4.95		4.950000	206,328	156,774
PACIFIC GAS + ELECTRIC 1ST MORTGAGE 01/26 3.15		3.150000	5,036,880	4,465,757
PACIFIC GAS + ELECTRIC SR SECURED 06/41 4.2		4.200000	598,248	448,936
PACIFIC LIFECORP SR UNSECURED 144A 09/50 3.35		3.350000	99,232	68,842
PACIFIC LIFE INSURANCE C SUBORDINATED 144A 10/67 VAR		4.300000	498,143	381,557
OVINTIV INC COMPANY GUAR 11/31 7.2		7.200000	29,319	26,401

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
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PARK AEROSPACE HOLDINGS COMPANY GUAR 144A 03/23 4.5		4.500000	610,000	608,540
PENNYMAC FIN SVCS INC COMPANY GUAR 144A 09/31 5.75		5.750000	900,000	715,036
PERUSAHAAN LISTRIK NEGAR SR UNSECURED 144A 06/50 4		4.000000	687,981	502,248
SUNCOR ENERGY INC SR UNSECURED 05/38 6.8		6.800000	13,818	10,537
PETROLEOS MEXICANOS COMPANY GUAR 09/47 6.75		6.750000	1,056,730	761,613
PETSMART INC/PETSMART FI SR SECURED 144A 02/28 4.75		4.750000	300,000	271,996
PFIZER INC SR UNSECURED 09/40 5.6		5.600000	470,924	422,876
PFIZER INC SR UNSECURED 03/49 4		4.000000	698,530	531,105
PHYSICIANS REALTY LP COMPANY GUAR 01/28 3.95		3.950000	189,682	183,336
BARRICK GOLD CORP SR UNSECURED 10/35 6.45		6.450000	204,292	168,849
POTOMAC ELECTRIC POWER 1ST MORTGAGE 03/43 4.15		4.150000	408,128	341,941
PROLOGIS LP SR UNSECURED 04/50 3		3.000000	197,872	135,315
PROSUS NV SR UNSECURED 144A 01/30 3.68		3.680000	300,000	250,738
PROSUS NV SR UNSECURED 144A 02/51 3.832		3.832000	399,968	244,749
PRUDENTIAL FINANCIAL INC SR UNSECURED 12/47 3.905		3.905000	191,448	161,500
PRUDENTIAL FINANCIAL INC SR UNSECURED 02/50 4.35		4.350000	752,991	571,106
PUBLIC SERVICE COLORADO 1ST MORTGAGE 06/47 3.8		3.800000	298,776	240,174
PUBLIC SERVICE COLORADO 1ST MORTGAGE 09/49 4.05		4.050000	843,946	607,764
PUBLIC SERVICE ELECTRIC 1ST MORTGAGE 12/47 3.6		3.600000	199,854	154,115
PUGET SOUND ENERGY INC 1ST MORTGAGE 06/48 4.223		4.223000	200,000	164,187
QVC INC SR SECURED 03/43 5.95		5.950000	683,025	347,099
QATAR ENERGY SR UNSECURED 144A 07/51 3.3		3.300000	800,000	592,640
RAYTHEON TECH CORP SR UNSECURED 04/47 4.35		4.350000	128,947	86,116
REALTY INCOME CORP SR UNSECURED 06/26 4.875		4.875000	2,413,131	2,093,680
REALTY INCOME CORP SR UNSECURED 08/27 3.95		3.950000	225,364	191,296
REGENCY CENTERS LP COMPANY GUAR 02/47 4.4		4.400000	322,952	241,108
REGENCY CENTERS LP COMPANY GUAR 03/49 4.65		4.650000	561,469	382,842
REGENERON PHARMACEUTICAL SR UNSECURED 09/30 1.75		1.750000	192,672	155,841
RELIANCE INDUSTRIES LTD SR UNSECURED 144A 01/52 3.625		3.625000	394,448	265,244
RENEW POWER PVT LTD SR SECURED 144A 03/27 5.875		5.875000	200,000	192,250
REYNOLDS AMERICAN INC COMPANY GUAR 08/45 5.85		5.850000	310,265	258,237
RIO OIL FINANCE TRUST SR SECURED 144A 07/24 9.25		9.250000	162,566	156,784
ROCKIES EXPRESS PIPELINE SR UNSECURED 144A 07/29 4.95		4.950000	299,478	270,117
ROCKIES EXPRESS PIPELINE SR UNSECURED 144A 05/30 4.8		4.800000	899,406	793,566
ROGERS COMMUNICATIONS IN COMPANY GUAR 11/49 3.7		3.700000	95,892	65,267
ROGERS COMMUNICATIONS IN COMPANY GUAR 144A 03/32 3.8		3.800000	1,097,547	956,199
ROLLS ROYCE PLC COMPANY GUAR 144A 10/27 5.75		5.750000	760,250	667,891

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
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NATWEST GROUP PLC SR UNSECURED 05/29 VAR		4.892000	200,000	189,926
NATWEST GROUP PLC SR UNSECURED 05/30 VAR		4.445000	500,000	454,993
NATWEST GROUP PLC SR UNSECURED 01/30 VAR		5.076000	501,164	473,119
ROYALTY PHARMA PLC COMPANY GUAR 09/30 2.2		2.200000	879,840	707,827
SBA TOWER TRUST ASSET BACKED 144A 07/52 2.328		2.328000	2,580,000	2,101,558
S+P GLOBAL INC COMPANY GUAR 12/49 3.25		3.250000	297,720	218,097
S+P GLOBAL INC COMPANY GUAR 144A 03/32 2.9		2.900000	691,292	600,987
SABAL TRAIL TRANS SR UNSECURED 144A 05/38 4.682		4.682000	331,568	269,371
SABINE PASS LIQUEFACTION SR SECURED 03/25 5.625		5.625000	825,000	827,145
SABINE PASS LIQUEFACTION SR SECURED 03/28 4.2		4.200000	205,108	188,674
SABINE PASS LIQUEFACTION SR SECURED 06/26 5.875		5.875000	300,866	303,889
SABINE PASS LIQUEFACTION SR SECURED 05/30 4.5		4.500000	1,695,648	1,583,974
SABRA HEALTH CARE LP COMPANY GUAR 12/31 3.2		3.200000	792,050	599,079
SAN DIEGO G + E 1ST MORTGAGE 05/48 4.15		4.150000	313,249	249,488
SAN DIEGO G + E 1ST MORTGAGE 06/49 4.1		4.100000	441,148	331,046
SAN DIEGO G + E 1ST MORTGAGE 03/52 3.7		3.700000	795,544	638,628
SANDS CHINA LTD SR UNSECURED 03/27 2.8		2.800000	899,170	772,011
SANTANDER UK GROUP HLDGS SR UNSECURED 11/28 VAR		3.823000	500,000	448,427
SANTANDER UK GROUP HLDGS SR UNSECURED 03/32 VAR		2.896000	603,954	466,462
SANTANDER HOLDINGS USA SR UNSECURED 06/25 3.45		3.450000	598,824	573,061
SANTOS FINANCE LTD COMPANY GUAR 144A 04/31 3.649		3.649000	801,652	639,293
SAUDI ARABIAN OIL CO SR UNSECURED 144A 04/49 4.375		4.375000	85,663	69,080
SAUDI ARABIAN OIL CO SR UNSECURED 144A 11/50 3.25		3.250000	891,468	636,375
CHARLES SCHWAB CORP JR SUBORDINA 12/99 VAR		5.000000	99,000	83,257
CHARLES SCHWAB CORP JR SUBORDINA 12/99 VAR		5.375000	900,000	884,700
CHARLES SCHWAB CORP JR SUBORDINA 12/99 VAR		4.000000	2,000,600	1,597,400
SEMPRA ENERGY SR UNSECURED 02/48 4		4.000000	343,095	269,141
7 ELEVEN INC SR UNSECURED 144A 02/41 2.5		2.500000	593,466	400,856
SHELL INTERNATIONAL FIN COMPANY GUAR 05/46 4		4.000000	347,334	255,952
DELTA AIR LINES/SKYMILES SR SECURED 144A 10/28 4.75		4.750000	100,000	94,285
SOCIETE GENERALE SR UNSECURED 144A 01/33 VAR		3.337000	289,095	237,822
DOMINION ENERGY SOUTH 1ST MORTGAGE 06/65 5.1		5.100000	214,077	152,499
SOUTHERN CAL EDISON 1ST REF MORT 01/34 6		6.000000	1,242,920	1,042,036
SOUTHERN CAL EDISON 1ST REF MORT 04/35 5.75		5.750000	100,118	100,336
SOUTHERN CAL EDISON 1ST REF MORT 03/43 3.9		3.900000	363,141	311,783
SOUTHERN CAL EDISON 1ST REF MORT 10/43 4.65		4.650000	917,234	699,989
SOUTHERN CAL EDISON 1ST REF MORT 04/47 4		4.000000	1,549,840	1,175,880

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

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SOUTHERN CAL EDISON 1ST REF MORT 03/48 4.125		4.125000	280,055	242,336
SOUTHERN CAL EDISON 1ST MORTGAGE 03/49 4.875		4.875000	748,184	535,704
SOUTHERN CAL EDISON 1ST MORTGAGE 02/51 2.95		2.950000	297,921	194,356
SOUTHERN CAL EDISON 1ST MORTGAGE 06/51 3.65		3.650000	498,830	368,848
SOUTHERN CAL EDISON 1ST MORTGAGE 02/32 2.75		2.750000	299,892	252,859
SOUTHERN CAL EDISON 1ST MORTGAGE 02/52 3.45		3.450000	498,320	361,910
SOUTHERN CALIF GAS CO 1ST MORTGAGE 01/49 4.3		4.300000	499,775	417,161
SOUTHERN CO SR UNSECURED 07/36 4.25		4.250000	99,579	88,191
SOUTHERN CO GAS CAPITAL COMPANY GUAR 05/47 4.4		4.400000	313,419	242,617
SOUTHWEST AIRLINES CO SR UNSECURED 06/27 5.125		5.125000	916,432	792,266
SOUTHWEST GAS CORP SR UNSECURED 03/32 4.05		4.050000	219,344	194,430
SOUTHWESTERN ELEC POWER SR UNSECURED 03/40 6.2		6.200000	622,770	512,457
SPIRIT AEROSYSTEMS INC SR SECURED 06/26 3.85		3.850000	97,514	90,655
SPRINT LLC COMPANY GUAR 09/23 7.875		7.875000	106,625	101,631
SPRINT SPECTRUM / SPEC I SR SECURED 144A 09/29 5.152		5.152000	400,000	394,979
STANDARD CHARTERED PLC SUBORDINATED 144A 01/33 VAR		3.603000	400,000	302,845
STANDARD INDUSTRIES INC SR UNSECURED 144A 02/27 5		5.000000	51,100	51,756
EQUINOR ASA COMPANY GUAR 05/43 3.95		3.950000	534,058	406,244
STEEL DYNAMICS INC SR UNSECURED 12/24 2.8		2.800000	199,850	190,225
STIFEL FINANCIAL CORP SR UNSECURED 05/30 4		4.000000	198,570	174,412
STORE CAPITAL CORP SR UNSECURED 12/31 2.7		2.700000	998,770	739,152
STRYKER CORP SR UNSECURED 03/46 4.625		4.625000	597,117	533,734
STUDIO CITY FINANCE LTD COMPANY GUAR 144A 07/25 6		6.000000	400,000	347,442
STUDIO CITY FINANCE LTD COMPANY GUAR 144A 01/29 5		5.000000	600,000	445,113
SUMITOMO MITSUI FINL GRP SR UNSECURED 07/29 3.04		3.040000	147,597	126,035
SUMITOMO MITSUI FINL GRP SR UNSECURED 01/30 2.75		2.750000	700,000	590,520
SUZANO AUSTRIA GMBH COMPANY GUAR 144A 03/47 7		7.000000	190,988	199,969
SUZANO AUSTRIA GMBH COMPANY GUAR 01/29 6		6.000000	198,128	199,357
TD SYNEX CORP SR UNSECURED 08/28 2.375		2.375000	600,000	488,533
SYNCHRONY FINANCIAL SR UNSECURED 10/31 2.875		2.875000	799,104	603,594
T MOBILE USA INC COMPANY GUAR 04/40 4.375		4.375000	490,125	431,119
T MOBILE USA INC COMPANY GUAR 04/50 4.5		4.500000	597,450	497,131
T MOBILE USA INC COMPANY GUAR 04/31 3.5		3.500000	918,565	865,114
T MOBILE USA INC COMPANY GUAR 11/60 3.6		3.600000	372,236	268,195
T MOBILE USA INC COMPANY GUAR 10/52 3.4		3.400000	2,187,284	1,498,243
TAKEDA PHARMACEUTICAL SR UNSECURED 03/30 2.05		2.050000	1,197,648	985,361
TARGA RESOURCES CORP COMPANY GUAR 02/33 4.2		4.200000	99,815	86,643

Rio Tinto America Inc. Retirement Plan

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TEACHERS INSUR + ANNUITY SUBORDINATED 144A 05/47 4.27		4.270000	697,760	579,787
TENCENT HOLDINGS LTD SR UNSECURED 144A 04/29 3.975		3.975000	199,934	184,944
TENNESSEE GAS PIPELINE COMPANY GUAR 144A 03/30 2.9		2.900000	698,607	589,706
TEXAS EASTERN TRANSMISSI SR UNSECURED 07/32 7		7.000000	326,247	269,122
TIME WARNER CABLE LLC SR SECURED 05/37 6.55		6.550000	169,169	134,334
TIME WARNER CABLE LLC SR SECURED 06/39 6.75		6.750000	383,874	285,751
TIME WARNER CABLE LLC SR SECURED 11/40 5.875		5.875000	113,749	87,941
TIME WARNER CABLE LLC SR SECURED 09/42 4.5		4.500000	648,312	506,426
TRANSCONT GAS PIPE LINE SR UNSECURED 05/50 3.95		3.950000	99,424	77,111
TRUST F/1401 SR UNSECURED 144A 01/44 6.95		6.950000	198,250	173,940
TRUST FIBRAUNO SR UNSECURED 144A 01/50 6.39		6.390000	418,750	323,529
UDR INC COMPANY GUAR 07/27 3.5		3.500000	698,348	652,404
UDR INC COMPANY GUAR 01/30 3.2		3.200000	207,822	174,444
UDR INC COMPANY GUAR 08/31 3		3.000000	101,858	83,922
UBS AG LONDON SR UNSECURED 144A 06/48 4.5		4.500000	182,511	123,086
US BANCORP JR SUBORDINA 12/99 VAR		5.300000	300,000	262,221
US AIRWAYS 2012 1A PTT PASS THRU CE 04/26 5.9		5.900000	127,240	115,022
UBS GROUP AG SR UNSECURED 144A 04/26 4.125		4.125000	598,674	576,905
UNION PACIFIC CORP SR UNSECURED 08/39 3.55		3.550000	199,430	166,897
UNITED AIRLINES INC SR SECURED 144A 04/26 4.375		4.375000	206,000	185,725
RAYTHEON TECH CORP SR UNSECURED 11/38 4.45		4.450000	769,789	600,858
UNITEDHEALTH GROUP INC SR UNSECURED 12/48 4.45		4.450000	704,400	539,200
UNITEDHEALTH GROUP INC SR UNSECURED 08/49 3.7		3.700000	430,237	341,664
UNUM GROUP SR UNSECURED 08/42 5.75		5.750000	317,016	272,394
VOC ESCROW LTD SR SECURED 144A 02/28 5		5.000000	496,250	430,840
VALE OVERSEAS LIMITED COMPANY GUAR 11/39 6.875		6.875000	812,000	738,940
VALERO ENERGY CORP SR UNSECURED 06/52 4		4.000000	687,827	531,750
VERIZON COMMUNICATIONS SR UNSECURED 03/41 3.4		3.400000	1,699,014	1,290,550
VERIZON COMMUNICATIONS SR UNSECURED 09/41 2.85		2.850000	748,794	524,610
VIRGINIA ELEC + POWER CO SR UNSECURED 12/48 4.6		4.600000	109,466	87,911
VISA INC SR UNSECURED 12/45 4.3		4.300000	798,664	738,859
VMWARE INC SR UNSECURED 08/27 3.9		3.900000	94,459	93,631
VMWARE INC SR UNSECURED 05/25 4.5		4.500000	199,898	196,452
VMWARE INC SR UNSECURED 05/30 4.7		4.700000	1,096,073	1,028,930
VMWARE INC SR UNSECURED 08/31 2.2		2.200000	299,409	229,114
VODAFONE GROUP PLC SR UNSECURED 05/38 5		5.000000	294,312	278,628
VODAFONE GROUP PLC SR UNSECURED 06/49 4.875		4.875000	98,251	84,782

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VODAFONE GROUP PLC SR UNSECURED 09/50 4.25		4.250000	240,322	181,362
VMED O2 UK FINAN SR SECURED 144A 01/31 4.25		4.250000	600,000	487,062
VOLKSWAGEN GROUP AMERICA COMPANY GUAR 144A 05/25 3.35		3.350000	199,790	191,316
WEA FINANCE LLC/WESTFIEL COMPANY GUAR 144A 09/44 4.75		4.750000	199,366	139,787
WASHINGTON GAS LIGHT CO SR UNSECURED 09/49 3.65		3.650000	897,234	662,635
WELLS FARGO + COMPANY SUBORDINATED 01/44 5.606		5.606000	104,084	78,095
WELLS FARGO + COMPANY JR SUBORDINA 12/49 VAR		5.900000	1,655,610	1,430,368
WELLS FARGO + COMPANY JR SUBORDINA 12/99 VAR		3.900000	2,803,595	2,452,492
WELLS FARGO + COMPANY SUBORDINATED 11/43 5.375		5.375000	1,112,797	1,033,958
WELLS FARGO + COMPANY SUBORDINATED 11/44 4.65		4.650000	267,909	195,883
WELLS FARGO + COMPANY SUBORDINATED 12/46 4.75		4.750000	637,982	457,599
WELLS FARGO + COMPANY SR UNSECURED 05/28 VAR		3.584000	608,628	558,849
WELLS FARGO + COMPANY SR UNSECURED 01/29 4.15		4.150000	614,629	542,959
WELLS FARGO + COMPANY SR UNSECURED 02/31 VAR		2.572000	1,300,000	1,082,412
WEST FRASER TIMBER CO SR UNSECURED 144A 10/24 4.35		4.350000	200,000	194,747
WESTERN DIGITAL CORP COMPANY GUAR 02/26 4.75		4.750000	71,063	70,793
WESTPAC BANKING CORP SUBORDINATED 07/39 4.421		4.421000	54,267	41,286
WEYERHAEUSER CO SR UNSECURED 03/32 7.375		7.375000	362,327	377,039
WEYERHAEUSER CO SR UNSECURED 11/29 4		4.000000	105,628	91,855
WEYERHAEUSER CO SR UNSECURED 04/30 4		4.000000	590,820	549,260
WEYERHAEUSER CO SR UNSECURED 03/33 3.375		3.375000	795,704	673,471
WILLIAMS COMPANIES INC SR UNSECURED 03/44 5.4		5.400000	247,125	275,038
WILLIS NORTH AMERICA INC COMPANY GUAR 09/29 2.95		2.950000	102,666	84,514
WISCONSIN PUBLIC SERVICE SR UNSECURED 09/49 3.3		3.300000	199,770	141,549
WOODSIDE FINANCE LTD COMPANY GUAR 144A 03/29 4.5		4.500000	99,817	94,176
WYNN MACAU LTD SR UNSECURED 144A 10/24 4.875		4.875000	608,250	567,431
WYNN MACAU LTD SR UNSECURED 144A 10/27 5.5		5.500000	367,667	350,268
WYNN MACAU LTD SR UNSECURED 144A 08/28 5.625		5.625000	800,000	685,036
XL GROUP LTD SUBORDINATED 03/45 5.5		5.500000	198,230	191,081
YARA INTERNATIONAL ASA SR UNSECURED 144A 06/28 4.75		4.750000	99,748	92,557
YARA INTERNATIONAL ASA SR UNSECURED 144A 06/30 3.148		3.148000	100,000	80,635
ZOETIS INC SR UNSECURED 09/47 3.95		3.950000	198,816	163,633
TESCO PROPERTY FIN 5 PLC SR SECURED REGS 10/41 5.6611		5.661100	118,294	106,727
UBS GROUP AG JR SUBORDINA REGS 12/49 VAR		7.000000	528,750	495,938
BARCLAYS PLC JR SUBORDINA REGS 12/99 VAR		7.250000	516,544	476,820
KAISA GROUP HOLDINGS LTD SR SECURED REGS 06/22 8.5		8.500000	293,250	42,001
LLOYDS BANK PLC SR UNSECURED REGS 04/32 VAR		0.000000	306,000	244,770

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UNICREDIT SPA JR SUBORDINA REGS 12/99 VAR	7.500000	1,578,360	1,274,709	
VIRGIN MEDIA SECURED FIN SR SECURED REGS 01/30 4.25	4.250000	366,690	281,560	
MPT OPER PARTNERSP/FINL COMPANY GUAR 06/28 3.692	3.692000	387,697	264,918	
KAISA GROUP HOLDINGS LTD SR SECURED REGS 09/23 9.75	9.750000	1,200,000	168,914	
YANGO JUSTICE INTL COMPANY GUAR REGS 04/24 7.5	7.500000	205,250	7,300	
NATWEST GROUP PLC JR SUBORDINA 12/99 VAR	5.125000	1,972,200	1,520,086	
TESCO PROPERTY FIN 1 PLC SR SECURED REGS 07/39 7.6227	7.622700	462,553	416,133	
HSBC HOLDINGS PLC JR SUBORDINA 12/99 VAR	5.875000	859,011	645,644	
STICHTING AK RABOBANK JR SUBORDINA REGS 12/49 VAR	6.500000	121,591	107,979	
BANCA MONTE DEI PASCHI S SR UNSECURED REGS 09/24 3.625	3.625000	735,743	609,422	
ERSTE GROUP BANK AG JR SUBORDINA REGS 12/99 VAR	4.250000	250,888	169,766	
KAISA GROUP HOLDINGS LTD SR SECURED REGS 06/24 9.375	9.375000	488,750	70,240	
HSBC HOLDINGS PLC JR SUBORDINA REGS 12/99 VAR	4.750000	2,670,388	1,930,588	
CREDIT SUISSE GROUP AG JR SUBORDINA REGS 12/49 VAR	7.500000	2,023,200	1,576,800	
CODELCO INC SR UNSECURED REGS 10/43 5.625	5.625000	489,365	490,893	
GREENKO SOLAR MAURITIUS SR SECURED REGS 01/25 5.55	5.550000	201,750	188,750	
ESC LEHMAN BRTH HLDH PROD 05/18 VAR	1.000000	32,904	9,048	
AMERICAN MONEY MANAGEMENT CORP AMMC 2013 12A AR2 144A	5.542000	800,000	789,364	
Total Fixed Income - Corporate Debt Instrument			290,007,360	
REPUBLIC OF CHILE SR UNSECURED 01/50 3.5	3.500000	120,118	83,327	
STATE OF ISRAEL SR UNSECURED 12/99 4.5	4.500000	1,200,000	1,058,736	
REPUBLIC OF PANAMA SR UNSECURED 07/60 3.87	3.870000	142,830	87,124	
REPUBLIC OF PERU SR UNSECURED 06/30 2.844	2.844000	128,232	105,756	
REPUBLIC OF PHILIPPINES SR UNSECURED 02/42 3.7	3.700000	1,053,000	739,185	
STATE OF QATAR SR UNSECURED 144A 04/30 3.75	3.750000	1,397,340	1,358,819	
REPUBLIC OF SOUTH AFRICA SR UNSECURED 09/29 4.85	4.850000	900,000	805,567	
UNITED MEXICAN STATES SR UNSECURED 05/61 3.771	3.771000	450,000	285,428	
REPUBLIC OF SOUTH AFRICA SR UNSECURED 03/32 8.25	8.250000	828,465	706,823	
RUSSIA GOVT BOND OFZ BONDS 09/31 8.5	8.500000	1,662,281	432,658	
STATE OF QATAR SR UNSECURED REGS 03/49 4.817	4.817000	300,000	292,619	
RUSSIA GOVT BOND OFZ BONDS 04/30 7.65	7.650000	923,389	236,274	
ABU DHABI GOVT INT L SR UNSECURED REGS 04/50 3.875	3.875000	576,816	510,495	
ROMANIA SR UNSECURED 144A 02/34 3.75	3.750000	558,953	400,108	
AUSTRALIAN GOVERNMENT BONDS REGS 11/31 1	1.000000	1,070,361	789,930	
SAUDI INTERNATIONAL BOND SR UNSECURED REGS 10/46 4.5	4.500000	686,105	623,000	
STATE OF QATAR SR UNSECURED REGS 04/48 5.103	5.103000	400,000	402,956	
REPUBLIC OF PERU SR UNSECURED REGS 08/28 6.35	6.350000	2,694,820	1,950,245	
REPUBLIC OF SOUTH AFRICA SR UNSECURED 12/26 10.5	10.500000	1,899,519	1,574,169	
Total Fixed Income - Foreign Government Securities			12,443,219	

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party				
Description of Investment including Maturity Date, Rate of Interest,				
Collateral, Par or Maturity Value		Interest Rate	Cost - Base	Market Value - Base
3 MONTH SOFR FUT DEC23 XCME 20240319		0.000000	(14,095,759)	252,609
3 MONTH SOFR FUT MAR23 XCME 20230620		0.000000	1,188,611	(49)
US LONG BOND(CBT) MAR23 XCBT 20230322		0.000000	37,557,902	(706,840)
US ULTRA BOND CBT MAR23 XCBT 20230322		0.000000	6,379,148	(66,461)
US 10YR NOTE (CBT)MAR23 XCBT 20230322		0.000000	79,434,000	(489,297)
EURO BUND FUTURE MAR23 XEUR 20230308		0.000000	(148,943)	9,125
US 10YR ULTRA FUT MAR23 XCBT 20230322		0.000000	5,269,344	(64,969)
US 5YR NOTE (CBT) MAR23 XCBT 20230331		0.000000	(109,027,023)	233,898
LONG GILT FUTURE MAR23 IFLL 20230329		0.000000	(516,824)	31,421
US 2YR NOTE (CBT) MAR23 XCBT 20230331		0.000000	1,435,711	(164)
RXG3P 138.5 FEB23 138.5 PUT FSO		0.000000	(6,791)	(35,785)
RXG3C 146 FEB23 146 CALL FSO		0.000000	(5,610)	5,603
Total Fixed Income - Futures				(830,909)
317U142X9 IRO EUR 10Y P0.175 MAR23 0.175 PUT		0.000000	(155,762)	(1,290,232)
317U141X0 IRO EUR 30Y MAR23 0 PUT		0.000000	159,366	757,985
317U179X5 IRO EUR 10Y P0.1750 MAR23 NEG0.1750 PUT		0.000000	(100,100)	(850,939)
317U178X6 IRO EUR 30Y MAR23 0 PUT		0.000000	101,527	498,105
3175352C5 OTC ECAL FN 5.5 JAN23 101.859375 CALL		0.000000	(1,484)	(5)
317536A1I OTC ECAL FN 5.5 JAN23 101.890625 CALL		0.000000	(1,188)	(3)
317551R84 EPUT FN 5.5 FEB23 99.75 PUT		0.000000	(4,219)	(3,638)
317553QJ7 ECAL FN 5.5 FEB23 101.75 CALL		0.000000	(3,469)	(1,371)
31750KML3 OTC EPUT FN 4.5 MAR23 97.15625 PUT		0.000000	(10,313)	(19,431)
317543GN0 OTC EPUT FN 5.0 MAR23 98.765625 PUT		0.000000	(2,531)	(4,100)
317575BD9 OTC ECAL FN 5.0 MAR23 100.765625 CALL		0.000000	(2,156)	(987)
317U707Y4 PIMCO SWAPTION 0.022125 PUT USD 2023		0.000000	420,000	1,568,575
317U706Y5 PIMCO SWAPTION 0.020 PUT USD 2023062		0.000000	(826,000)	(5,597,856)
317U723Y4 PIMCO SWAPTION 0.02233 PUT USD 20230		0.000000	409,220	1,543,790
317U790Y2 PIMCO SWAPTION 0.0228 PUT USD 202306		0.000000	372,400	1,487,083
317U789Y5 PIMCO SWAPTION 0.0211 PUT USD 202306		0.000000	(372,400)	(2,629,417)
317U341Z3 PIMCO SWAPTION 0.0206 PUT USD 202310		0.000000	416,484	1,795,680
317U342Z2 PIMCO SWAPTION 0.020 PUT USD 2023102		0.000000	(417,714)	(2,810,084)
317552O02 PIMCO CDSOPT PUT EUR 3.0 20230315		0.000000	(1,596)	(49)
317U1PBA2 PIMCO SWAPTION 2.547 CALL EUR 202303		0.000000	(26,374)	(2,678)
317U1PCA1 PIMCO SWAPTION 2.547 PUT EUR 2023030		0.000000	(26,374)	(75,277)
317U1Q9A3 PIMCO SWAPTION 3.14 PUT EUR 20230609		0.000000	(22,119)	(51,970)
317U1Q8A4 PIMCO SWAPTION 2.067 CALL EUR 202306		0.000000	(18,654)	(4,061)
317U1QNA7 PIMCO SWAPTION 3.55 PUT USD 20230112		0.000000	(3,903)	(4,476)
317U1QOA6 PIMCO SWAPTION 3.0 CALL USD 20230112		0.000000	(3,903)	(154)
317U1RFA4 PIMCO SWAPTION 2.61 CALL USD 2023011		0.000000	(2,768)	(67)
317U1RGA3 PIMCO SWAPTION 3.11 PUT USD 20230117		0.000000	(2,768)	(7,101)
317U1RPA3 PIMCO SWAPTION 2.6 CALL USD 20230117		0.000000	(2,280)	(60)
317U1ROA4 PIMCO SWAPTION 3.05 PUT USD 20230117		0.000000	(2,280)	(9,226)
317U1S4A4 PIMCO SWAPTION 2.9 CALL USD 20230117		0.000000	(2,050)	(86)
317U1S3A5 PIMCO SWAPTION 3.4 PUT USD 20230117		0.000000	(2,050)	(6,917)
317U1SAA7 PIMCO SWAPTION 2.74 CALL USD 2023011		0.000000	(2,595)	(350)
317U1S9A9 PIMCO SWAPTION 3.18 PUT USD 20230119		0.000000	(2,595)	(5,480)
317U1T1A5 PIMCO SWAPTION 3.07 CALL USD 2023012		0.000000	(2,450)	(587)
317U1T0A6 PIMCO SWAPTION 3.52 PUT USD 20230123		0.000000	(2,450)	(4,852)

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
317U1TSA6 PIMCO SWAPTION 3.32 PUT USD 20230123	0.000000	(2,220)	(3,012)	
317U1TTA5 PIMCO SWAPTION 2.87 CALL USD 2023012	0.000000	(2,220)	(1,211)	
Total Fixed Income - Options				(5,734,459)
SWU000T61 IRS HUF R F 1.25000 SWU000T61 CCPVANILLA	1.250000	2,577,382	1,586,202	
SWU000T61 IRS HUF P V 06MBUBOR SWU000T63 CCPVANILLA	13.670000	(2,572,536)	(1,740,594)	
SWU016XD9 IRS ZAR R F 5.02500 SWU016XD9 CCPVANILLA	5.025000	312,167	255,700	
SWU016XD9 IRS ZAR P V 03MJIBAR SWU016XD1 CCPVANILLA	7.217000	(311,532)	(276,227)	
SWU01ANZ2 IRS MXN R F 6.01527 SWU01ANZ2 CCPVANILLA	6.015270	4,053,849	3,748,654	
SWU01ANZ2 IRS MXN P V 01MTIE SWU01ANZ4 CCPVANILLA	10.722000	(4,053,849)	(4,110,380)	
SWU01HJZ2 IRS BRL R F 11.66500 SWU01HJZ2 CCPNDFPREDISWAP	11.665000	4,523,572	4,021,234	
SWU01HJZ2 IRS BRL P V 00MBRCDI SWU01HJZ4 CCPNDFPREDISWAP	1.000000	(4,523,572)	(4,128,983)	
SWU01IQW9 IRS EUR R F 1.00000 SWU01IQW9 CCPVANILLA	1.000000	2,847,555	2,625,575	
SWU01IQW9 IRS EUR P V 06MEURIB SWU01IQW1 CCPVANILLA	2.319000	(2,847,555)	(2,881,574)	
SWU01IVA1 IRS EUR R F 1.00000 SWU01IVA1 CCPVANILLA	1.000000	1,248,480	1,166,665	
SWU01IVA1 IRS EUR P V 06MEURIB SWU01IVA3 CCPVANILLA	2.311000	(1,248,480)	(1,280,699)	
BWU01KS77 IRS EUR R V 06MEURIB SWU01KS79 CCPVANILLA	1.000000	5,502,651	5,336,248	
BWU01KS77 IRS EUR P F 1.75000 SWU01KS77 CCPVANILLA	1.750000	(4,883,251)	(4,677,472)	
BWU01KSD4 IRS GBP R V 12MSONIA SWU01KSD6 CCPOIS	1.000000	983,594	842,030	
BWU01KSD4 IRS GBP P F 2.00000 SWU01KSD4 CCPOIS	2.000000	(772,415)	(622,451)	
SWU01LBC2 IRS USD R F 2.87000 SWU01LBC2 CCPOIS	2.870000	1,100,000	1,035,933	
SWU01LBC2 IRS USD P V 12MSOFR SWU01LBC4 CCPOIS	4.300000	(1,100,000)	(1,100,000)	
SWU01LBB4 IRS USD R F 2.85000 SWU01LBB4 CCPOIS	2.850000	1,000,000	940,074	
SWU01LBB4 IRS USD P V 12MSOFR SWU01LBB6 CCPOIS	4.300000	(1,000,000)	(1,000,000)	
BWU01KS93 IRS EUR R V 06MEURIB SWU01KS95 CCPVANILLA	1.000000	1,623,840	1,494,149	
BWU01KS93 IRS EUR P F 1.50000 SWU01KS93 CCPVANILLA	1.500000	(1,367,310)	(1,187,662)	
BWU01KSC6 IRS GBP R V 12MSONIA SWU01KSC8 CCPOIS	1.000000	381,122	360,870	
BWU01KSC6 IRS GBP P F 2.00000 SWU01KSC6 CCPOIS	2.000000	(323,250)	(310,046)	
SWU01LME6 IRS USD R F 2.84500 SWU01LME6 CCPOIS	2.845000	1,100,000	1,033,277	
SWU01LME6 IRS USD P V 12MSOFR SWU01LME8 CCPOIS	4.300000	(1,100,000)	(1,100,000)	
SWU01LTH2 IRS USD R F 3.10000 SWU01LTH2 CCPOIS	3.100000	1,000,000	960,678	
SWU01LTH2 IRS USD P V 12MSOFR SWU01LTH4 CCPOIS	4.300000	(1,000,000)	(1,000,000)	
SWU01LXX2 IRS USD R F 3.14000 SWU01LXX2 CCPOIS	3.140000	1,000,000	963,986	
SWU01LXX2 IRS USD P V 12MSOFR SWU01LXX4 CCPOIS	4.300000	(1,000,000)	(1,000,000)	
SWU01M2F3 IRS USD R F 3.33000 SWU01M2F3 CCPOIS	3.330000	1,000,000	979,874	
SWU01M2F3 IRS USD P V 12MSOFR SWU01M2F5 CCPOIS	4.300000	(1,000,000)	(1,000,000)	
BWU01NIQ0 IRS USD R V 12MSOFR SWU01NIQ2 CCPOIS	4.300000	1,600,000	1,600,000	
BWU01NIQ0 IRS USD P F 3.05000 SWU01NIQ0 CCPOIS	3.050000	(1,600,000)	(1,544,843)	
SWU01NJO4 IRS BRL R F 12.97950 SWU01NJO4 CCPNDFPREDISWAP	12.979500	4,955,262	5,073,835	
SWU01NJO4 IRS BRL P V 00MBRCDI SWU01NJO6 CCPNDFPREDISWAP	1.000000	(4,955,262)	(5,019,177)	
SWPC0C0C5 CDS USD R F .50000 1 CMBX	0.500000	191,239	198,621	
SWPC0C0C5 CDS USD P V 01MEVENT 2 CMBX	1.000000	(198,710)	(198,710)	
SWPC0C1D2 CDS USD R F .50000 1 CMBX	0.500000	95,516	99,310	
SWPC0C1D2 CDS USD P V 01MEVENT 2 CMBX	1.000000	(99,355)	(99,355)	
SWPC0FLY7 CDS USD R F .50000 1 CMBX	0.500000	97,038	99,767	
SWPC0FLY7 CDS USD P V 01MEVENT 2 CMBX	1.000000	(100,000)	(100,000)	
SWPC0FR39 CDS USD R F .50000 1 CMBX	0.500000	97,141	99,767	

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SWPC0FR39 CDS USD P V 01MEVENT 2 CMBX		1.000000	(100,000)	(100,000)
SWPC0G9W3 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	198,335	201,358
SWPC0G9W3 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(200,000)	(200,000)
SWPC0GPG0 CDS EUR R F 1.000000 1 CCPITRAXX		1.000000	2,137,008	1,820,252
SWPC0GPG0 CDS EUR P V 03MEVENT 2 CCPITRAXX		1.000000	(2,101,201)	(1,814,324)
SWPC0HF79 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	196,462	200,992
SWPC0HF79 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(200,000)	(200,000)
SWPC0HFC8 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	1,175,324	1,205,955
SWPC0HFC8 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(1,200,000)	(1,200,000)
SWPC1HH01 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	445,220	416,701
SWPC1HH01 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(400,000)	(400,000)
SWPC0HKK4 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	49,400	49,927
SWPC0HKK4 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(50,000)	(50,000)
SWPCDX043 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	111,880	104,175
SWPCDX043 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(100,000)	(100,000)
SWPCNC782 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	447,560	416,701
SWPCNC782 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(400,000)	(400,000)
SWPCNC790 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	111,650	104,175
SWPCNC790 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(100,000)	(100,000)
SWPCNC808 CDS USD R F 5.000000 FIX CDXTRANCHE		5.000000	110,350	104,175
SWPCNC808 CDS USD P V 03MEVENT FLO CDXTRANCHE		1.000000	(100,000)	(100,000)
SWPC0HTX7 CDS USD R F .500000 1 CMBX		0.500000	499,370	495,959
SWPC0HTX7 CDS USD P V 01MEVENT 2 CMBX		1.000000	(500,000)	(500,000)
SWPC0HWY1 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	98,251	100,589
SWPC0HWY1 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)
SWPC0HY94 CDS USD R F 1.000000 1 CCPCDX		1.000000	990,372	1,030,168
SWPC0HY94 CDS USD P V 03MEVENT 2 CCPCDX		1.000000	(1,032,000)	(1,032,000)
SWPC0I1T4 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	225,372	215,400
SWPC0I1T4 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(223,480)	(213,450)
SWPC0IHS9 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	200,784	198,066
SWPC0IHS9 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(200,000)	(200,000)
SWPC0IHU4 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	99,371	100,679
SWPC0IHU4 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)
SWPC0ISE8 CDS USD R F 1.000000 FIX CORPORATE		1.000000	288,673	298,278
SWPC0ISE8 CDS USD P V 03MEVENT FLO CORPORATE		1.000000	(300,000)	(300,000)
SWPC0IU70 CDS USD R F 1.000000 FIX CORPORATE		1.000000	383,936	397,703
SWPC0IU70 CDS USD P V 03MEVENT FLO CORPORATE		1.000000	(400,000)	(400,000)
SWPC0J5H4 CDS USD R F 1.000000 1 CCPCORPORATE		1.000000	194,936	200,298
SWPC0J5H4 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(200,000)	(200,000)
SWPC0JC45 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	804,892	877,446
SWPC0JC45 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(954,645)	(907,162)
SWPC0JJ55 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	335,676	304,722
SWPC0JJ55 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(364,800)	(320,175)
SWPC0JPR0 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	120,312	107,568
SWPC0JPR0 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(118,540)	(106,725)
SWPC0JU94 CDS EUR R F 1.000000 1 CCPCORPORATE		1.000000	481,757	416,723
SWPC0JU94 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(485,960)	(426,900)
SWPC0JWP6 CDS USD R F 1.000000 FIX SOVEREIGN		1.000000	96,247	97,301
SWPC0JWP6 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)

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Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
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SWPC0JXJ9 CDS EUR R F 1.00000 1 CCPCORPORATE		1.000000	119,409	107,200
SWPC0JXJ9 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(117,635)	(106,725)
SWPC0JYF6 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	99,219	100,124
SWPC0JYF6 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)
SWPC0JYY5 CDS USD R F 1.00000 FIX CCPCORPORATE		1.000000	909,085	906,241
SWPC0JYY5 CDS USD P V 03MEVENT FLO CCPCORPORATE		1.000000	(900,000)	(900,000)
SWPC0K0C7 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	203,439	200,072
SWPC0K0C7 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(200,000)	(200,000)
SWPC0K3K6 CDS EUR R F 1.00000 1 CCPCORPORATE		1.000000	957,972	836,094
SWPC0K3K6 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(950,560)	(853,800)
SWPC0K3J9 CDS EUR R F 1.00000 1 CCPCORPORATE		1.000000	598,585	520,189
SWPC0K3J9 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(592,950)	(533,625)
SWPC0K383 CDS EUR R F 1.00000 1 CCPCORPORATE		1.000000	962,110	841,603
SWPC0K383 CDS EUR P V 03MEVENT 2 CCPCORPORATE		1.000000	(952,400)	(853,800)
SWPC0K4W9 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	99,285	99,173
SWPC0K4W9 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(100,000)	(100,000)
SWPC0K5B4 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	100,368	100,140
SWPC0K5B4 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(100,000)	(100,000)
SWPC0K9N4 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	300,583	299,483
SWPC0K9N4 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(300,000)	(300,000)
SWPC0KBE1 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	1,114,671	1,105,126
SWPC0KBE1 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(1,100,000)	(1,100,000)
SWPC0KBG6 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	2,096,322	2,077,526
SWPC0KBG6 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(2,100,000)	(2,100,000)
SWPC0KFP2 CDS USD R F 5.00000 1 CCPCORPORATE		5.000000	360,414	332,066
SWPC0KFP2 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(300,000)	(300,000)
SWPC0KK76 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	706,732	703,132
SWPC0KK76 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(700,000)	(700,000)
SWPC0KKG6 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	700,000	697,114
SWPC0KKG6 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(700,000)	(700,000)
SWPC0KNL2 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	1,601,090	1,593,404
SWPC0KNL2 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(1,600,000)	(1,600,000)
SWPC0KQT2 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	99,662	99,233
SWPC0KQT2 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(100,000)	(100,000)
SWPC0KRC8 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	656,653	664,093
SWPC0KRC8 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(700,000)	(700,000)
SWPC0L8K9 CDS USD R F 1.00000 1 CCPCORPORATE		1.000000	6,602,332	6,609,900
SWPC0L8K9 CDS USD P V 03MEVENT 2 CCPCORPORATE		1.000000	(6,600,000)	(6,600,000)
SWPC0LC99 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	289,583	295,961
SWPC0LC99 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(300,000)	(300,000)
SWPC0LD56 CDS USD R F 1.00000 FIX SOVEREIGN		1.000000	191,610	197,307
SWPC0LD56 CDS USD P V 03MEVENT FLO SOVEREIGN		1.000000	(200,000)	(200,000)
Total Fixed Income - Swaps				(23,918)
Total Fixed Income - Credit Default Swaps, Interest Rate Swaps and Options				(6,589,286)
STRIP PRINC 11/39 0.00000		0.010000	5,828,277	4,334,195
STRIP PRINC 08/44 0.00000		0.010000	2,014,700	1,342,533
US TREASURY N/B 08/44 3.125		3.125000	1,113,328	1,107,641

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
US TREASURY N/B 02/45 2.5	2.500000	6,470,719	6,076,875	
US TREASURY N/B 05/46 2.5	2.500000	6,261,749	4,535,601	
US TREASURY N/B 11/47 2.75	2.750000	3,057,395	2,210,513	
US TREASURY N/B 02/48 3	3.000000	1,811,753	1,335,396	
US TREASURY N/B 05/48 3.125	3.125000	6,311,339	4,501,433	
US TREASURY N/B 05/50 1.25	1.250000	2,692,099	1,680,365	
US TREASURY N/B 08/50 1.375	1.375000	23,927,860	17,107,872	
US TREASURY N/B 11/40 1.375	1.375000	18,355,563	14,140,989	
US TREASURY N/B 02/41 1.875	1.875000	24,201,900	18,311,250	
US TREASURY N/B 05/51 2.375	2.375000	45,854,476	38,753,238	
US TREASURY N/B 05/41 2.25	2.250000	2,187,343	1,666,844	
US TREASURY N/B 08/41 1.75	1.750000	15,662,198	11,521,369	
US TREASURY N/B 11/51 1.875	1.875000	36,387,729	34,210,895	
US TREASURY N/B 02/52 2.25	2.250000	14,134,811	13,776,025	
US TREASURY N/B 05/52 2.875	2.875000	11,267,834	11,974,125	
US TREASURY N/B 05/42 3.25	3.250000	2,340,371	2,057,317	
US TREASURY N/B 08/42 3.375	3.375000	27,388,945	27,544,781	
US TREASURY N/B 11/42 4	4.000000	14,693,461	14,786,719	
US TREASURY N/B 02/32 1.875	1.875000	5,083,246	5,050,409	
US TREASURY N/B 11/25 4.5	4.500000	7,468,666	7,451,453	
AMERICAN MUNI PWR OHIO INC OH AMEPWR 02/41 FIXED 7.834	7.834000	842,376	734,697	
BAY AREA CA TOLL AUTH TOLL BRI BAYTRN 10/50 FIXED 6.907	6.907000	1,760,312	1,616,449	
CALIFORNIA ST CAS 04/39 FIXED 7.55	7.550000	2,190,689	1,711,932	
CHICAGO IL TRANSIT AUTH SALES CHITRN 12/40 FIXED 6.899	6.899000	1,183,044	1,359,919	
CONNECTICUT ST CTS 03/32 FIXED 5.85	5.850000	453,138	369,893	
DALLAS CNTY TX HOSP DIST DALMED 08/44 FIXED 5.621	5.621000	239,719	191,122	
LOS ANGELES CA CMNTY CLG DIST LOSHGR 08/49 FIXED 6.75	6.750000	1,632,260	1,246,385	
LOS ANGELES CA UNIF SCH DIST LOSSCD 07/34 FIXED 6.758	6.758000	2,503,842	2,022,166	
MASSACHUSETTS ST TRANSPRTN FUN MASTRN 06/40 FIXED 5.731	5.731000	1,318,160	1,034,323	
MET TRANSPRTN AUTH NY REVENUE MTATRN 11/40 FIXED 6.814	6.814000	1,416,060	1,047,707	
NEW JERSEY ST TURNPIKE AUTH TU NJSTRN 01/40 FIXED 7.414	7.414000	954,061	751,464	
NEW YORK NY NYC 12/37 FIXED 6.271	6.271000	1,074,838	834,785	
NEW YORK CITY NY TRANSITIONAL NYCGEN 08/37 FIXED 5.508	5.508000	1,376,129	1,105,304	
NEW YORK CITY NY MUNI WTR FIN NYCUTL 06/42 FIXED 5.952	5.952000	295,155	226,654	
NEW YORK CITY NY MUNI WTR FIN NYCUTL 06/43 FIXED 5.44	5.440000	1,100,888	833,461	
N TX TOLLWAY AUTH REVENUE NRTTRN 01/49 FIXED 6.718	6.718000	1,590,450	1,188,124	
SAN ANTONIO TX ELEC GAS REVE SANUTL 02/39 FIXED 5.985	5.985000	291,856	228,340	
SAN DIEGO CNTY CA WTR AUTH FIN SDGWTR 05/49 FIXED 6.138	6.138000	1,908,670	1,474,244	
TEXAS ST TRANSPRTN COMMISSIONS TXSTRN 04/26 FIXED 5.028	5.028000	843,488	755,168	
UNIV OF CALIFORNIA CA RGTS MED UNVHGR 05/49 FIXED 6.583	6.583000	800,624	626,686	
UNIV OF CALIFORNIA CA REVENUES UNVHGR 05/45 FIXED 5.946	5.946000	806,442	633,668	
UNIV OF CALIFORNIA CA REVENUES UNVHGR 05/12 FIXED 4.858	4.858000	2,400,000	2,030,154	
Total Fixed Income - U.S. Government Securities			267,500,483	
STANDARD INDUSTRIES INC. 2021 TERM LOAN B	0.000000	187,184	187,016	

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value				
		Interest Rate	Cost - Base	Market Value - Base
Total Fixed Income				563,548,792
Commingled Funds (Fixed Income)				
PIMCO FDS PAC INVT MGMT SER ASSET BKD SECS PORTFOLIO		0.000000	3,385,185	3,137,577
PIMCO FDS SHORT TERM FLT NAV MUTUAL FUND		0.000000	189,839	189,825
Total Fixed Income Commingled Funds				3,327,402
Loans Secured by Mortgages				
BANK BANK 2019 BN20 A3		3.011000	60,150	50,905
BANK BANK 2019 BN21 A5		2.851000	96,195	81,578
FNMA TBA 30 YR 2 SINGLE FAMILY MORTGAGE		2.000000	(1,294,625)	(1,304,677)
FNMA TBA 30 YR 2.5 SINGLE FAMILY MORTGAGE		2.500000	920,305	933,278
FNMA TBA 30 YR 3.5 SINGLE FAMILY MORTGAGE		3.500000	14,700,914	14,504,882
FNMA TBA 30 YR 3.5 SINGLE FAMILY MORTGAGE		3.500000	-	-
FNMA TBA 30 YR 4 SINGLE FAMILY MORTGAGE		4.000000	10,083,461	10,169,297
FNMA TBA 30 YR 4.5 SINGLE FAMILY MORTGAGE		4.500000	6,359,977	6,430,359
FNMA TBA 30 YR 5 SINGLE FAMILY MORTGAGE		5.000000	1,081,738	1,091,750
FNMA POOL AS5068 FN 06/45 FIXED 3.5		3.500000	70,168	62,071
GNMA II TBA 30 YR 2 JUMBOS		2.000000	419,219	424,551
Total Loans Secured by Mortgages				32,443,994
Limited Partnerships/Real Estate Funds				
* AXA CAPITAL AMERICA LP LP PRIVATE PLACEMENT		0.000000	62,773	115,159
* AXA CAPITAL EUROPE LP PRIVATE PLACEMENT		0.000000	87,385	181,410
* AXA PRIVATE EQUITY FD II PRIVATE EQUITY		0.000000	9,582	6,751
* AXA SECONDARY FUND V LIMITED PARTNERSHIP		0.000000	350,441	75,420
* AXA EARLY SECONDARY FUND V MUTUAL FUND		0.000000	112,373	7,396,251
PANTHEON ASIA FUND VI LP COMMON STOCK		0.000000	8,189,492	10,297,474
PANTHEON USA FUND VIII LP LP PRIVATE PLACEMENT		0.000000	1,352,715	4,782,817
PANTHEON ASIA FUND V LP LP PRIVATE PLACEMENT		0.000000	322,706	743,195
DRA GROWTH + INCOME FUND IX		0.000000	10,816,644	15,225,193
AESF VI LP		0.000000	9,890,960	21,836,673
ARDIAN SECONDARY FUND VII LIMITED PARTNERSHIP		0.000000	4,735,145	14,882,480
NORTHLEAF GLBL PVT EQTY III LIMITED PARTNERSHIP		0.000000	1,309,769	5,108,537
WALTON STREET RE VII LIMITED PARTNERSHIP		0.000000	1	5,969,763
PORTFOLIO ADVISORS PRIVATE EQ FUND VI LP		0.000000	2,228,145	4,200,005
PANTHEON USD FUND IX LIMITED PARTNERSHIP		0.000000	4,271,533	19,996,971
DRA GROWTH AND INCOME FUND VII LIMITED PARTNERSHIP		0.000000	3,762,784	3,147,675
PORTFOLIO ADVISORS SF II LIMITED PARTNERSHIP		0.000000	6,861,702	3,755,854
WALTON STREET REAL ESTATE MUTUAL FUNDS FUND VI		0.000000	240,650	17,063,405
PANTHEON EUROPE FUND VII LP MUTUAL FUND		0.000000	157,957	5,246,916
WALTON REAL ESTATE FUND VIII, PRIVATE PLACEMENT		0.000000	5,513,564	15,419,041
Total Limited Partnerships/Real Estate Funds				155,450,990
552992935 JPM STRATEGIC PROPRT JPMCB COMMINGLED FUND		0.000000	24,096,655	51,520,198
Total Real Estate Commingled Fund				51,520,198
Total Limited Partnerships/Real Estate Funds/Commingled Fund				206,971,188

Rio Tinto America Inc. Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - As of December 31, 2022 EIN: 11-3359689/Plan No. 001

(a)	(b)/(c)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party Description of Investment including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Interest Rate	Cost - Base	Market Value - Base	
Preferred Stock				
* STATE STREET CORP PREFERRED STOCK VAR	0.000000	45,000		43,380
JPMORGAN CHASE + CO PREFERRED STOCK 4.2	0.000000	2,500,000		1,745,000
JPMORGAN CHASE + CO PREFERRED STOCK 4.625	0.000000	500,000		376,800
Total Preferred Stock				2,165,180
Cash Collateral				
MORGAN STANLEY/CASH COLL DOMESTIC MASTER FORWARD	0.000000	(691,000)		(691,000)
FUTURES MORGAN STANLEY COC FUTURES CASH COLLATERAL USD	0.000000	1,988,000		1,988,000
BANC OF AMERICA SEURITIES LLC TBA CASH COLLATERAL USD	0.000000	(250,000)		(250,000)
JP MORGAN SEC INC TBA CASH COLLATERAL	0.000000	270,000		270,000
BARCLAYS CAPITAL INC DOM MSF CASH COLLATERAL	0.000000	(564,000)		(564,000)
GOLDMAN SACH AND CO TBA CASH COLLATERAL	0.000000	(270,000)		(270,000)
MORGAN STANLEY TBA CASH COLLATERAL	0.000000	4,000		4,000
CCMSCZUS2 CCPC COC EQUITY MORGAN STANLEY CASH COLLATERAL	0.000000	4,395,000		4,395,000
SWAP CCPC MORGAN STANLEY COC SWAP CCPC CASH COLLATERAL	0.000000	1,085,000		1,085,000
CCPC CCMSCHUS2 COC CCPC CASH COLLATERAL USD	0.000000	172,000		172,000
FORWARDS CCUBSDUS2 USD COC FWCC CASH COLLATERAL USD	0.000000	851,000		851,000
SWAP BANK OF AMERICA COC SWAP CASH COLLATERAL USD	0.000000	2,040,000		2,040,000
SWAP BNP PARIBAS COC SWAP CASH COLLATERAL USD	0.000000	600,000		600,000
SWAP JP MORGAN COC SWAP CASH COLLATERAL USD	0.000000	380,000		380,000
MORGAN STANLEY CAP SVCS COC SWAP CASH COLLATERAL USD	0.000000	2,520,000		2,520,000
Total Cash Collateral				12,530,000
Total Investments per Financial Statements and Form 5500				\$ 835,674,828

* A party-in-interest as defined by ERISA.

Schedule SB Attachment (Form 5500)—2022 Plan Year
Rio Tinto America Inc. Retirement Plan
EIN: 11-3359689 PN: 001

Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following assumption changes:

- A change in the assumed combined expenses payable from the trust from \$3,827,495 to \$2,767,421.
- A change in the funding asset return assumption from 4.10% for 2021 to 4.40% for 2022.
- A change in the salary scale assumption from 3.60% to 3.90%, a change in the future wage indices from 2.60% to 2.90%, and a change to the inflation assumption from 2.10% to 2.40%.

These changes were made to better reflect anticipated plan experience. The non-prescribed assumption changes did not reduce the funding shortfall by more than \$5 million; as such, approval of the Commissioner is not required.