# Portfolio overlap

## BBIN / EART

| Overlap | Shared positions |
|---|---|
| 0.44% | 6 |

## JPMorgan BetaBuilders International Equity ETF

Report dates 10/31/2023 | 98.77% NAV

Overlap / BBIN 0.44%

## Global X Rare Earth & Critical Materials ETF

Report dates 10/31/2023 | 99.88% NAV

Overlap / EART 23.28%

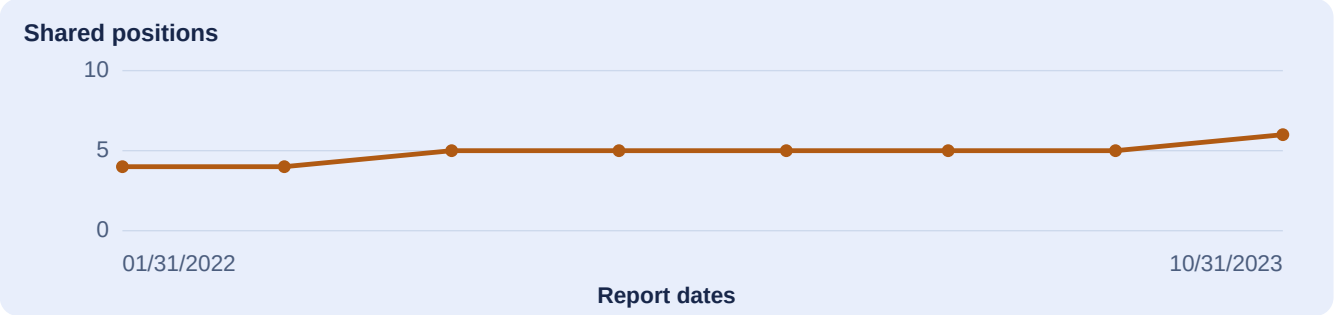
## Largest shared positions

| Security | BBIN | EART | Overlap |
|---|---|---|---|
| Anglo American plc | 0.23% | 4.12% | 0.23% |
| Sumitomo Metal Mining Co. Ltd. | 0.05% | 4.07% | 0.05% |
| Boliden AB | 0.05% | 4.15% | 0.05% |

Weights are percentages of each fund's net assets. Shared weight is the sum of the smallest weight per matched common-stock class. Unmatched positions are excluded without renormalizing the weights.

# History




8 matched portfolio dates from 01/31/2022 to 10/31/2023. Both filings use the same portfolio date. The minimum matched share of net assets is 98.77%. The filing dates are 51–287 days after the portfolio dates. This is filing lag. The archive does not establish an exact intraday release time.

# Largest changes

07/31/2023 / 10/31/2023 +0.01 pp

| Security | Overlap 07/31/2023 | Overlap 10/31/2023 | Change (pp) |
|---|---|---|---|
| Pilbara Minerals Ltd. | 0.00% | 0.05% | +0.05 |
| Anglo American plc | 0.25% | 0.23% | -0.01 |
| IGO Ltd. | 0.04% | 0.03% | -0.01 |
| Antofagasta plc | 0.04% | 0.04% | -0.01 |
| Sumitomo Metal Mining Co. Ltd. | 0.06% | 0.05% | -0.0045 |
| All other shared classes | | | -0.00047 |

# Sources and methodology

Weights are percentages of each fund's net assets. Shared weight is the sum of the smallest weight per matched common-stock class. Unmatched positions are excluded without renormalizing the weights.

nport-common-equity-v1

| Report dates | Weight (%) | Classes | BBIN · SEC | EART · SEC |
|---|---|---|---|---|
| 10/31/2023 | 0.44% | 6 | 0001752724-23-287559 | 0001752724-23-297191 |
| 07/31/2023 | 0.43% | 5 | 0001752724-23-221669 | 0001752724-23-223275 |
| 04/30/2023 | 0.45% | 5 | 0001752724-23-144912 | 0001752724-23-149382 |
| 01/31/2023 | 0.59% | 5 | 0001752724-23-066061 | 0001752724-23-075181 |
| 10/31/2022 | 0.49% | 5 | 0001752724-22-289364 | 0001752724-22-296435 |
| 07/31/2022 | 0.50% | 5 | 0001752724-22-222544 | 0001752724-22-217831 |
| 04/30/2022 | 0.57% | 4 | 0001752724-22-150801 | 0001752724-22-153165 |
| 01/31/2022 | 0.51% | 4 | 0001752724-22-247995 | 0001752724-22-077581 |