IEA Critical Minerals Dataset (GCMO2026) · Material supply · Graphite

{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Other countries", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 115.1260986328125, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Other countries", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 165.8964080810547, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Other countries", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 182.6230926513672, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Other countries", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 170.39691162109375, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Russia", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 28.200000762939453, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Russia", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 30.100000381469727, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Russia", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 50.099998474121094, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Russia", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 48.79999923706055, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Sweden", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Sweden", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Sweden", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Sweden", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Tanzania", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 61.754062652587889, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Tanzania", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 263.01852416992199, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Tanzania", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 283.01852416992199, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Tanzania", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 283.01852416992199, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "United States", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "United States", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "United States", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "United States", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Canada", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0.029032258316874504, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Canada", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0.059926468878984445, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Canada", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0.06369964778423031, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Canada", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0.06369964778423031, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "China", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 2139.0380859375, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "China", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 3025.93994140625, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "China", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 4013.50732421875, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "China", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 4038.814697265625, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Finland", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2025}

{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Finland", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Finland", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Finland", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Japan", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 68.47044372558594, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Japan", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 149.24807739257812, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Japan", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 162.8603973388672, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Japan", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 164.57980346679688, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Madagascar", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Madagascar", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Madagascar", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Madagascar", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Mozambique", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Mozambique", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Mozambique", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Mozambique", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Other countries", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 45.181770324707031, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Canada", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 7.035999774932861, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Canada", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 87.06659698486328, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Canada", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 86.97624206542969, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Canada", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 87.42174530029297, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "China", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 1432.3245849609375, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Other countries", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 165.6259307861328, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Other countries", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 240.11386108398438, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Other countries", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 245.98138427734375, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Russia", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Russia", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Russia", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Russia", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Sweden", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product": "Total", "region": "Sweden", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":

```
 "Total", "region": "China", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 1238.8424072265625,
 "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "China", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 1276.8826904296875,
 "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "China", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 1337.2808837890625,
 "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Finland", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Finland", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Finland", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Finland", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "Sweden", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "Sweden", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "Tanzania", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 202
5}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "Tanzania", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 203
0}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "Tanzania", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 203
5}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "Tanzania", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 204
0}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "United States", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 13.050063
133239746, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "United States", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 14.673758
506774902, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "United States", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 15.254631
996154785, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Refining", "material": "Graphite", "mcm": "GCMO2026", "product
": "Total", "region": "United States", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 17.149841
30859375, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Japan", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Japan", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Japan", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Japan", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 0, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Madagascar", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 69.68947601318
36, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Madagascar", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 170.0221252441
4062, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Madagascar", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 168.1533203125
, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Madagascar", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 165.1389617919
922, "year": 2040}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Mozambique", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 66.59999847412
11, "year": 2025}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Mozambique", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 259.4633483886
719, "year": 2030}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Mozambique", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 348.2808837890
625, "year": 2035}
{"case": "Base Case", "category": "Material supply", "flow": "Mining", "material": "Graphite", "mcm": "GCMO2026", "product":
 "Total", "region": "Mozambique", "scenario": "Stated Policies Scenario", "unit": "Thousand tonnes", "value": 368.1439514160
156, "year": 2040}
```