

# ***BAINFO Rare Earth Weekly***

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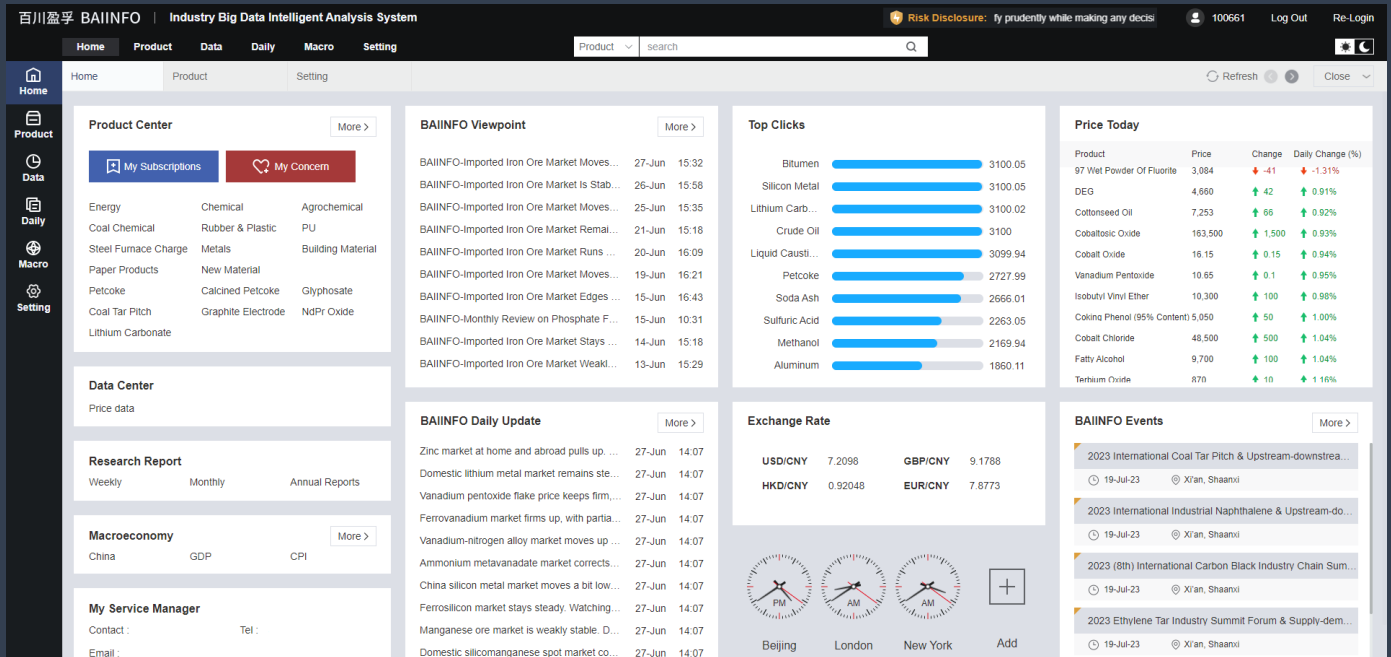
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## Highlights

- The downward trajectory was further extended in the rare earth elements market.
- Updated! New Rare Earth Quotas for 2023 H1

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## Industry Review

### Review & Analysis

The downward trajectory was further extended in the rare earth elements market. Till July 6, average market prices of NdPr oxide and NdPr metal sunk to RMB 450.5/KG and RMB 550/KG, down by 3.12% and 4.35% WoW, respectively. Average market prices of dysprosium oxide and DyFe precipitously fell to RMB 2,040/KG and RMB 2,010/KG, down by 9.93% and 4.51% WoW, respectively. Average market prices of terbium oxide and terbium metal steeply weakened to RMB 7,350/KG and RMB 9,350/KG, down by 16.48% and 10.95% WoW, respectively.

Prices of NdPr elements stabilized following a persistent downside, while prices of dysprosium and terbium elements cited a significant drop.

The market for NdPr oxide displayed negative market sentiments early this week as a result of weak purchasing activity. Holders attempted to lower prices in order to entice buying interest, but only sporadic deals were concluded. The negative market sentiment slightly eased on Wednesday. Plants firmed up offers for NdPr oxide with some transactions done, while multiple buyers wanted to bid down prices. As a result, the NdPr oxide market halted its downtrend with buy-sell confrontations. Also, the NdPr metal market stabilized after falling. Transactions for NdPr metal were curbed by thin buying from NdFeB plants, and some buyers kept bargaining with sellers. The price of NdPr metal remained below the cost line.

Prices of dysprosium and terbium elements tumbled this week. Holders axed prices as downstream users deemed the prices too high to accept, and traders dumped cargoes with lower prices for capital return. Trading prices were on the lower side. The short-term prices of NdPr elements may be stable with consolidation, while prices of dysprosium and terbium elements may fluctuate down further.

On Apr. 9, 2023, Company A announced that in the second quarter of 2023, the trading price of rare earth concentrate is at RMB 31.030/KG (USD 4.29/KG, VAT excluded, dry measure, REO=50%), and the price excluding tax increases or decreases by RMB 0.6206/KG (USD 0.09/KG) for every 1% increase or decrease in REO. It plans to re-sign the rare earth concentrate supply contract for 2023 with Company B, and execute the related transactions of rare earth concentrate according to the newly signed contract.

The prices of bastnaesite (REO 70%) decreased to RMB 21-23/KG (USD 2.90-3.18/KG) in Sichuan, while bastnaesite (REO 45%) to RMB 15-17/KG (USD 2.07-2.35/KG) in Weishan Lake, Shandong. The prices of ion-adsorption type rare earth ore fell further to RMB 153-163/KG (USD 21.16-22.54/KG, VAT excluded) and RMB 180-190/KG (USD 24.90-26.28/KG, VAT included). Besides, mainstream quotation for 55% American bastnaesite moved down to RMB 23-25/KG (USD 3.18-3.46/KG).

### Market Forecast

1. Supply: Output of oxides and metals slightly decreases, but supply remains ample. Oversupply is not obvious now.
2. Demand: In the end-user sector, demand for home appliances, wind power and electrical machinery keeps weak, while that for new energy vehicles sees a slight increase. Demand for rare earths is limited overall.
3. Sentiment: The market is gripped by pessimism. Trading activities are winding down as demand remains sluggish.

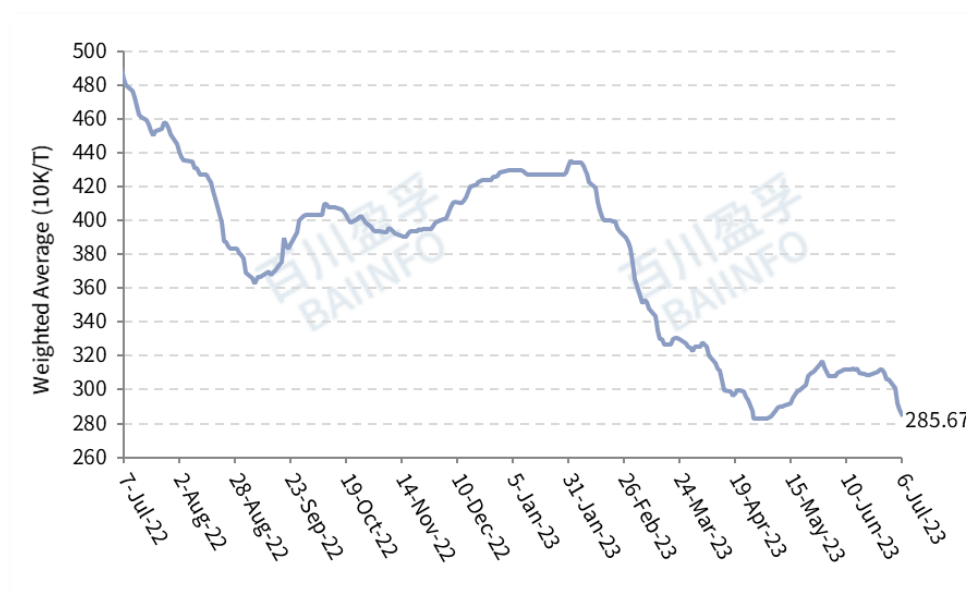
As mentioned above, ample supply and tepid demand dampen market sentiment. It is predicted that prices of NdPr oxide, dysprosium oxide and terbium oxide may come in at RMB 400-500/KG, RMB 1,900-2,100/KG and RMB 6,000-9,000/KG, respectively.

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## Price & Data

Rare Earth Industry Weighted Average on Jul. 6, 2023

Figure 1: BAIINFO Rare Earth Industry Weighted Average in 2022-2023



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## Listing Prices of Rare Earths

Table 1: Listing Prices of China Northern Rare Earth (Group) High-Tech Co., Ltd. (Updated in July 2023)

Unit: RMB/T, VAT

Products	Lanthanum Oxide	Cerium Oxide	NdPr Oxide	Neodymium Oxide	NdPr Metal	Neodymium Metal
Specification	TREO≥96.5% La2O3/REO≥99.99%	TREO≥99% CeO2/REO≥99.95%	TREO≥99% (Pr6O11 + Nd2O3) ≥99.5	TREO≥99% Nd2O3/REO≥99.5%	TREM≥99% Pr/REM23-27% Nd/REM73-77% C≤0.05%	TREM≥99% Nd/REM≥99.5% C≤0.05%
Jul-22	9,800	9,800	812,600	891,100	990,500	1,084,500
Aug-22	9,800	9,800	807,600	886,100	984,500	1,078,500
Sep-22	9,800	9,800	643,600	710,400	788,000	868,000
Oct-22	9,800	9,800	643,600	710,400	788,000	868,000
Nov-22	9,800	9,800	642,800	709,600	787,000	867,000

Dec-22	9,800	9,800	642,800	709,600	787,000	867,000
Jan-23	9,800	9,800	642,800	709,600	787,000	867,000
Feb-23	9,800	9,800	642,800	709,600	787,000	867,000
Mar-23	9,800	9,800	642,400	709,200	786,500	866,500
Apr-23	9,800	9,800	639,000	705,800	782,500	862,500
May-23	9,800	9,800	495,000	511,700	610,000	630,000
Jun-23	9,800	9,800	495,000	511,700	610,000	630,000
Jul-23	9,800	9,800	470,000	478,300	580,000	590,000
Change	0	0	↓ 25,000	↓ 33,400	↓ 30,000	↓ 40,000
Change Rate	0.00%	0.00%	↓ 5.05%	↓ 6.53%	↓ 4.92%	↓ 6.35%

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## Domestic Market Prices of Rare Earths

**Table 2: BAIINFO Domestic Market Prices of Rare Earths**

Unit: RMB/KG, VAT

Products	TREO/TREM	RE/TREO; RE/TREM	30-Jun-23 (RMB/KG)	6-Jul-23 (RMB/KG)
Middle Yttrium Rich Europium Ore	Reo>92%	≥99.9%	195-205	180-190
Mixed Rare Earth Carbonate	50%Reo	≥99.9%	28-30	25-27
Lanthanum Oxide in South China	≥99%	≥99.9%	4-4.5	4-4.5
Lanthanum Oxide in Baotou	≥99%	≥99.9%	4-4.5	4-4.5
Lanthanum Oxide	≥99%	≥99.999%	21-23	21-23
Cerium Oxide in South China	≥99%	≥99.9%	4.2-4.7	4.2-4.7
Cerium Oxide in Baotou	≥99%	≥99.9%	4.2-4.7	4.2-4.7
Cerium Oxide	≥99%	≥99.995%	23-28	23-28
Lanthanum Chloride	≥45%	≥99%	2.7-3.2	2.7-3.2
Cerium Carbonate	≥45%	≥99%	2.5-3	2.5-3
Cerium Carbonate	≥50%	≥99%	2.5-3	2.5-3
Lanthanum Carbonate	≥45%	≥99%	3.5-4	3.5-4
LaCe Carbonate	≥45%	≥99%	1-1.5	1-1.5
LaCe Chloride	≥45%	≥65%	1.1-1.6	1.1-1.6
LaCe Metal (Chlorine)	≥99%	≥65%	20-21	20-21
LaCe Metal (Oxygen)	≥99%	≥65%	20-21	20-21
Lanthanum Metal	≥99%	≥99%	22-24	22-24
Cerium Metal	≥99%	≥99%	24-26	24-26
NdPr Oxide	≥99%	=75±2%	455-475	448-453
NdPr Metal	≥99%	≥20-25%	570-580	545-555
Neodymium Oxide	≥99%	≥99.5%	475-485	460-465
Neodymium Metal	≥99%	≥99.5%	580-590	560-570
Praseodymium Oxide	≥99%	≥99.5%	480-485	465-470
Praseodymium Metal	≥99%	≥99.5%	645-655	625-635

Samarium Oxide	≥99%	≥99.9%	12-15	12-15
Samarium Metal	≥99%	≥99%	85-95	85-95
Europium Oxide	≥99%	≥99.99%	180-200	180-190
Yttrium Oxide	≥98%	≥99.99%	43-45	43-45
Yttrium Oxide	≥99%	≥99.999%	46-48	46-48
Yttrium Metal	≥99%	≥99.9%	210-230	210-230
Gadolinium Oxide	≥99%	≥99.5%	265-270	250-255
Gd-Fe	≥70±1%	≥99.9%	255-260	240-245
Gadolinium Oxide	≥99%	≥99.995%	280-290	275-285
Gadolinium Metal	≥99.5%	≥99.9%	450-470	450-470
Terbium Oxide	≥99%	≥99.99%	8,700-9,000	7,300-7,400
Terbium Metal	≥99%	≥99.9%	10,450-10,550	9,300-9,400
Dysprosium Oxide	≥99%	≥99.5%	2,250-2,300	2,030-2,050
Dysprosium Metal	≥99.5%	≥99%	2,810-2,860	2,660-2,710
Dy-Fe	≥80±1%	≥99.5%	2,090-2,120	2,000-2,020
Holmium Oxide	≥99%	≥99.5%	575-585	550-560
Ho-Fe	≥80±1%	≥99.5%	580-590	555-565
Erbium Oxide	≥99%	≥99.5%	260-265	260-265
Ytterbium Oxide	≥99%	≥99.99%	80-90	80-90
Lutetium Oxide	≥99%	≥99.99%	5,600-5,650	5,400-5,600
Scandium Oxide	≥99%	≥99.99%	6,100-6,300	6,100-6,300
Scandium Metal	≥99%	≥99.99%	21,300-22,300	21,300-22,300
Scandium Metal	≥99%	≥99.999%	38,500-40,500	38,500-40,500
Samarium Europium Gadolinium Enrichment	≥95%	≥8%	75-80	75-80

*(Price range is provided by mainstream producers; low-end price refers to trading price, while high-end price refers to offer.)*

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## Mainstream Export Prices of Rare Earths

Export prices of mainstream rare earth elements extended losses. Prices of NdPr elements showcased a sustained downtrend due to lower buying interest, and actual transactions were curbed by buy-sell confrontations. Meanwhile, prices of dysprosium and terbium elements posted a dramatic drop as plants axed prices in limited trade. Besides, the export prices also moved according to the movement in the exchange rate this week. The short-term market may correct itself.

**Table 3: BAIINFO Mainstream Export Prices of Rare Earths**

FOB, USD/KG

Product	Offers (USD/KG)	WoW	MoM	3 Months	YTD	Remarks
Lanthanum Oxide 3N	0.66	0.00%	0.00%	-5.71%	-34.65%	FOB China
Lanthanum Oxide 5N	3.00	0.00%	0.00%	-9.09%	-18.92%	FOB China

Lanthanum Metal	3.10	0.00%	0.00%	-13.89%	-18.42%	FOB China
Cerium Oxide 3N	0.69	0.00%	0.00%	-5.48%	-36.70%	FOB China
Cerium Oxide 4N5	3.20	0.00%	0.00%	-8.57%	-20.00%	FOB China
Cerium Carbonate	0.40	0.00%	0.00%	-20.00%	-23.08%	FOB China
Cerium Metal	3.40	0.00%	0.00%	-12.82%	-8.11%	FOB China
LaCe Metal	2.90	0.00%	0.00%	-12.12%	-14.71%	FOB China
Praseodymium Oxide	65.00	-2.99%	-1.52%	1.56%	-35.64%	FOB China
Praseodymium Metal	87.00	-3.33%	-1.14%	0.00%	-34.59%	FOB China
Neodymium Oxide	64.00	-4.48%	-3.03%	-1.54%	-42.34%	FOB China
Neodymium Metal	78.00	-3.70%	-2.50%	-3.70%	-42.22%	FOB China
NdPr Metal	76.00	-3.80%	-1.30%	-1.30%	-39.20%	FOB China
Dysprosium Oxide	282.00	-9.90%	-7.84%	2.92%	-21.23%	FOB China
Dysprosium Metal	369.00	-6.11%	-4.90%	3.07%	-19.78%	FOB China
Ferrodysprosium	278.00	-4.79%	-3.47%	4.12%	-21.91%	FOB China
Terbium Oxide	1,010.00	-16.39%	-14.26%	-15.05%	-49.70%	FOB China
Terbium Metal	1,287.00	-11.61%	-9.37%	-12.98%	-48.62%	FOB China
Europium Oxide	29.00	0.00%	0.00%	0.00%	0.00%	FOB China
Europium Metal	288.00	0.00%	0.00%	0.00%	0.00%	FOB China
Yttrium Oxide	6.60	0.00%	0.00%	-7.04%	-12.00%	FOB China
Yttrium Metal	30.00	0.00%	0.00%	0.00%	0.00%	FOB China
Yttrium-europium Oxide	6.55	0.00%	0.00%	0.00%	0.00%	FOB China
Samarium Oxide	1.80	0.00%	0.00%	0.00%	-5.26%	FOB China
Samarium Metal	12.50	0.00%	0.00%	0.00%	0.00%	FOB China
Erbium Oxide	36.50	0.00%	0.00%	-2.67%	-12.05%	FOB China
Holmium Oxide	77.00	-3.75%	-3.75%	-9.41%	-42.11%	FOB China
Lutetium Oxide	750.00	-6.83%	-6.83%	-6.83%	-6.83%	FOB China

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## Price Trends of Rare Earths

Figure 2: China Lanthanum Oxide Price Trend

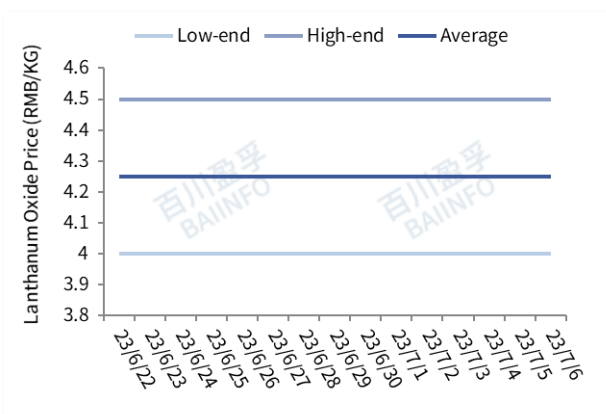
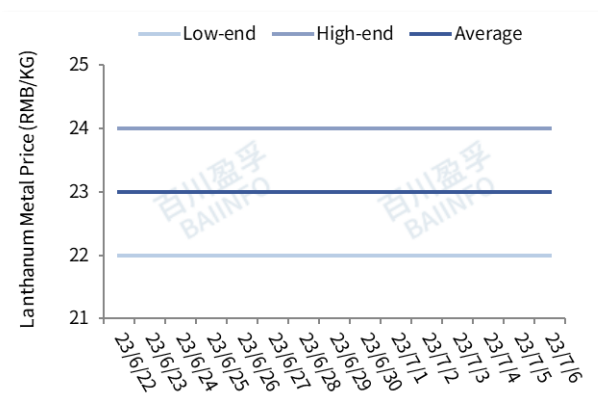


Figure 3: China Lanthanum Metal Price Trend



La: Mainstream price of lanthanum oxide clung to its current level at RMB 4-4.5/KG (USD 0.55-0.62/KG) with



transactions on a need-to basis, while that of lanthanum metal remained flat at RMB 22-24/KG (USD 3.04-3.32/KG) with sporadic fresh deals done.

Figure 4: China Cerium Oxide Price Trend

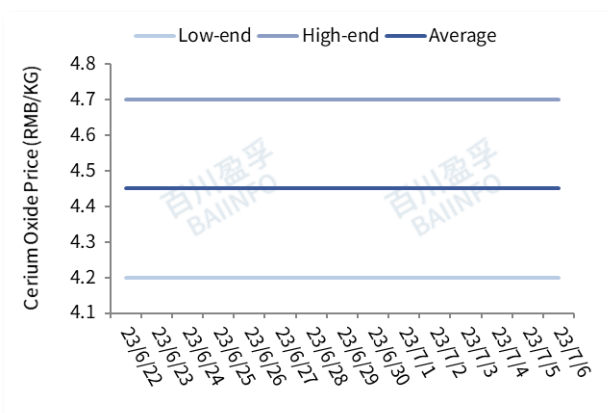
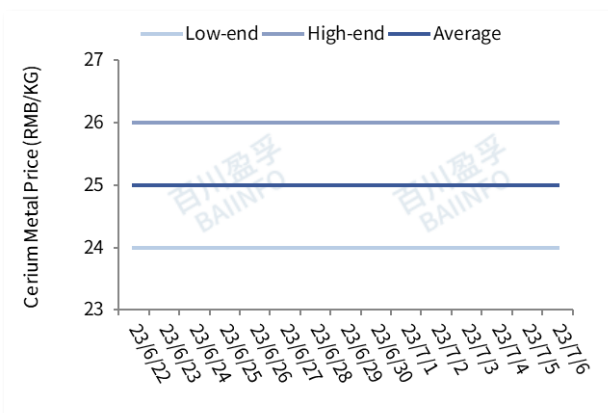
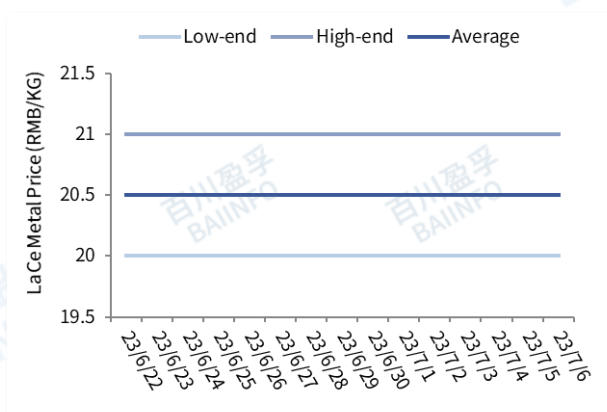


Figure 5: China Cerium Metal Price Trend



**Ce:** Mainstream price of cerium oxide held unchanged at RMB 4.2-4.7/KG (USD 0.58-0.65/KG), while that of cerium metal was stable-and-weak at RMB 24-26/KG (USD 3.32-3.60/KG) amid stable demand.

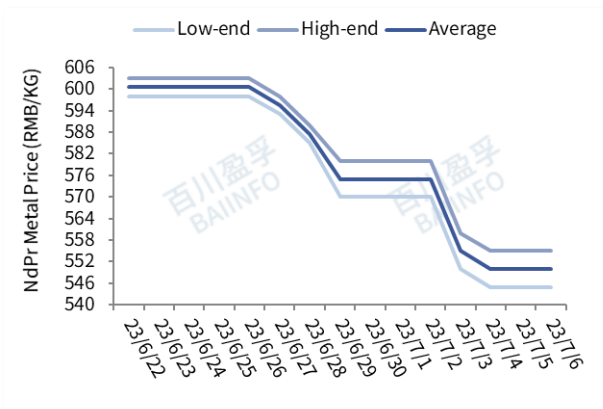
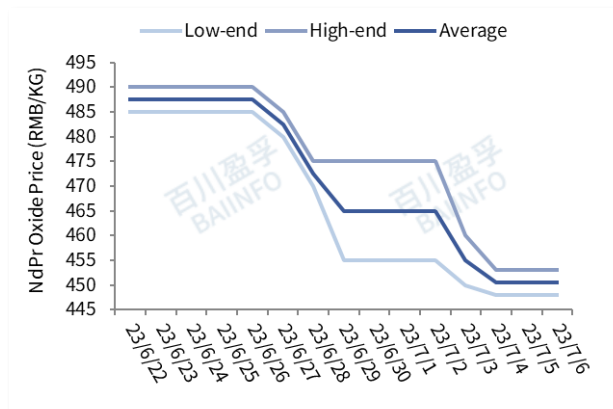
Figure 6: China LaCe Metal Price Trend



**LaCe:** Mainstream price of LaCe carbonate held steady at RMB 1-1.5/KG (USD 0.14-0.21/KG) amid ample spot supplies and tepid demand, while that of LaCe metal kept unchanged at RMB 20-21/KG (USD 2.77-2.90/KG) in quiet trade.

Figure 7: China NdPr Oxide Price Trend

Figure 8: China NdPr Metal Price Trend



**NdPr:** Mainstream prices of NdPr oxide and NdPr metal dipped to RMB 448-453/KG (USD 61.96-62.66/KG) and RMB 545-555/KG (USD 75.38-76.76/KG), respectively. Offers from plants for NdPr oxide weakened to RMB 447-448/KG (USD 61.83-61.96/KG) as a result of sluggish spot demand, and high price of NdPr oxide reached RMB 450-455/KG (USD 62.24-62.93/KG), with transactions reported at RMB 447/KG (USD 61.83/KG). NdPr metal was priced at RMB 545-555/KG (USD 75.38-76.76/KG), and low price reported at RMB 540/KG (USD 74.69/KG), with transactions done around RMB 550/KG (USD 76.07/KG). Later this week, prices of NdPr elements stabilized, with market players mostly in a watching mood. (The payment has a one-month grace period which allows an extra 30 days past the due-date to be paid.)

Figure 9: China Praseodymium Oxide Price Trend

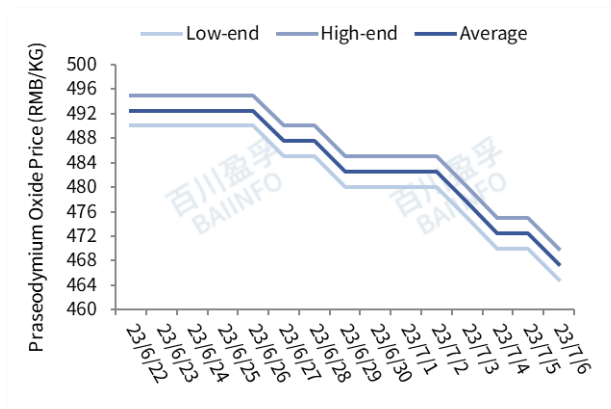
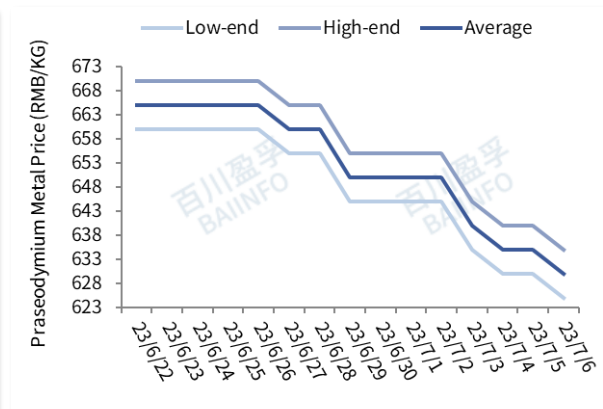


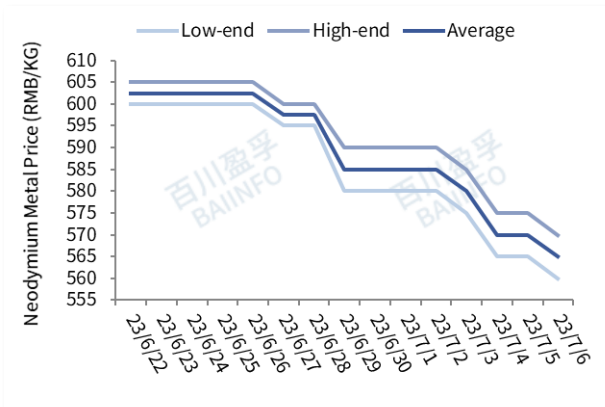
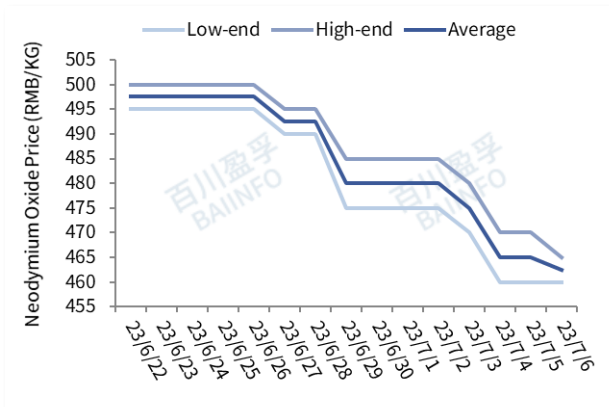
Figure 10: China Praseodymium Metal Price Trend



**Pr:** Mainstream prices of praseodymium oxide and praseodymium metal went down to RMB 465-470/KG (USD 64.32-65.01/KG) and RMB 625-635/KG (USD 86.45-87.83/KG), respectively. The price of praseodymium oxide was pressured down by low buying indications and bearish feedstock price, and that of praseodymium metal fluctuated down on sluggish demand.

Figure 11: China Neodymium Oxide Price Trend

Figure 12: China Neodymium Metal Price Trend



**Nd:** Mainstream prices of neodymium oxide and neodymium metal moved down to RMB 460-465/KG (USD 63.62-64.32/KG) and RMB 560-570/KG (USD 77.46-78.84/KG), respectively. The price of neodymium oxide corrected lower after China Northern Rare Earth Group undercut its listing prices, but lower prices were still unable to encourage buying interest. Transactions for neodymium oxide were reported at a low price of RMB 460/KG (USD 63.62/KG), and traders were active. For neodymium metal, fresh deals were scarce as downstream NdFeB plants stayed cautious in their approaches.

Figure 13: China Dysprosium Oxide Price Trend

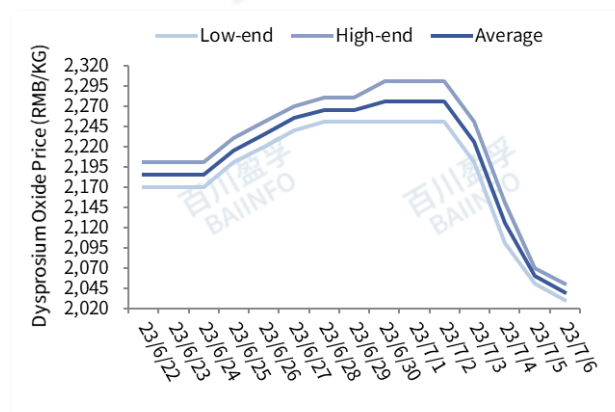
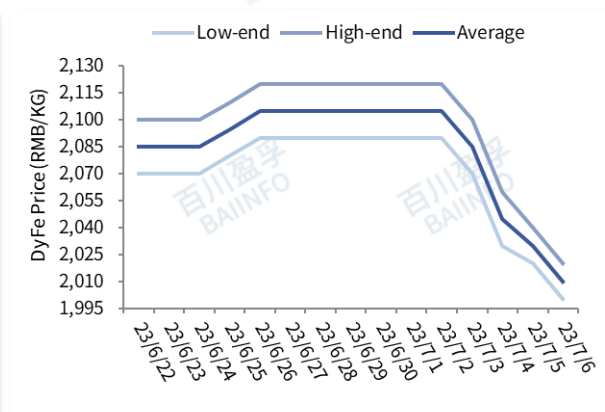


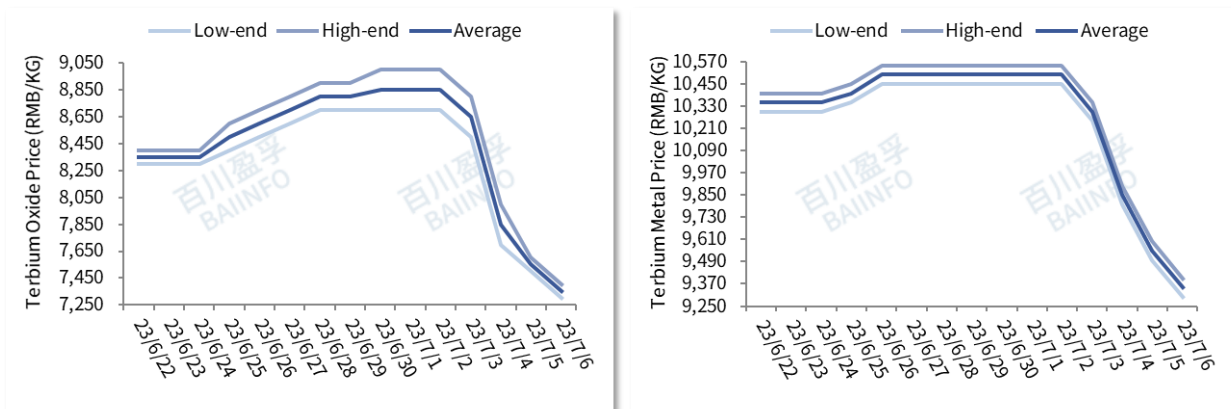
Figure 14: China DyFe Price Trend



**Dy:** Mainstream prices of dysprosium oxide and DyFe collapsed to RMB 2,030-2,050/KG (USD 280.77-283.54/KG) and RMB 2,000-2,020/KG (USD 276.63-279.39/KG), respectively. Prices of dysprosium oxide heavily fell as groups shunned to make purchases and traders threw cargoes for capital return. Transactions for dysprosium oxide were done at lower prices. For DyFe, prices plummeted due to the absence of demand from NdFeB plants. Buyers backed off from purchasing high-priced DyFe and continued bidding down prices.

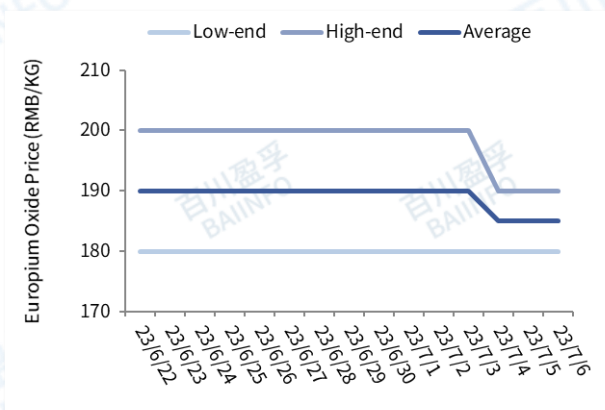
Figure 15: China Terbium Oxide Price Trend

Figure 16: China Terbium Metal Price Trend



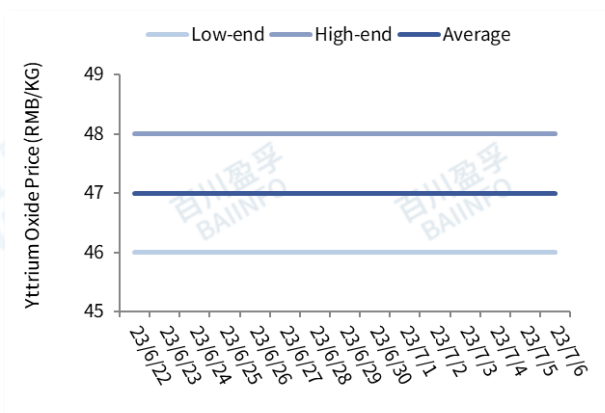
**Tb:** Mainstream prices of terbium oxide and terbium metal suddenly plunged to RMB 7,300-7,400/KG (USD 1,009.68-1,023.51/KG) and RMB 9,300-9,400/KG (USD 1,286.31-1,300.14/KG), respectively. Multiple plants withheld their quotations, while traders threw cargoes with lower prices. Trading prices of terbium oxide moved to the downside. Prices of terbium metal took a dive, with no purchases by downstream users.

Figure 17: China Europium Oxide Price Trend



**Eu:** Mainstream price of europium oxide consolidated at RMB 180-190/KG (USD 24.90-26.28/KG) in moderate trade.

Figure 18: China Yttrium Oxide Price Trend



**Yt:** Mainstream price of yttrium oxide was barely changed at RMB 46-48/KG (USD 6.36-6.64/KG) with transactions on a need-to basis.

Figure 19: China Gadolinium Oxide Price Trend

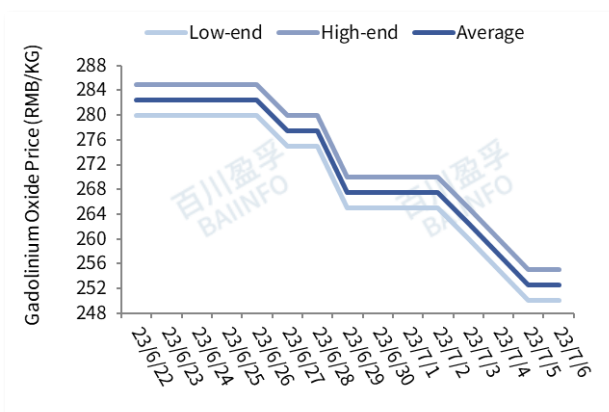
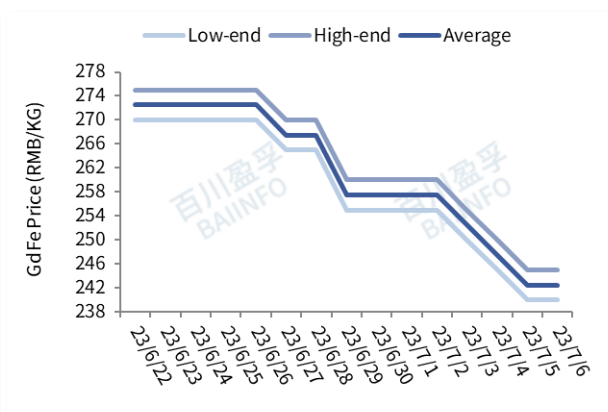
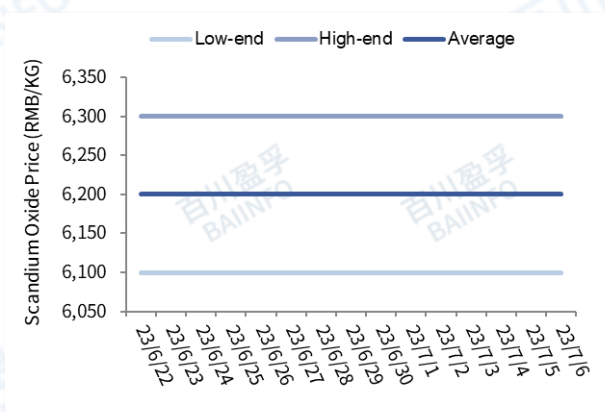


Figure 20: China GdFe Price Trend



**Gd:** Mainstream prices of gadolinium oxide and GdFe persistently ran down to RMB 250-255/KG (USD 34.58-35.27/KG) and RMB 240-245/KG (USD 33.20-33.89/KG), respectively. Prices of gadolinium oxide slipped in step with waning demand and lower NdPr prices, while prices of GdFe marched lower as NdFeB plants diminished restocking demand.

Figure 21: China Scandium Oxide Price Trend



**Sc:** Mainstream price of scandium oxide (4N) was little-changed at RMB 6,100-6,300/KG (USD 843.71-871.37/KG) amid stable demand.

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### NdPr Oxide Price Forecast

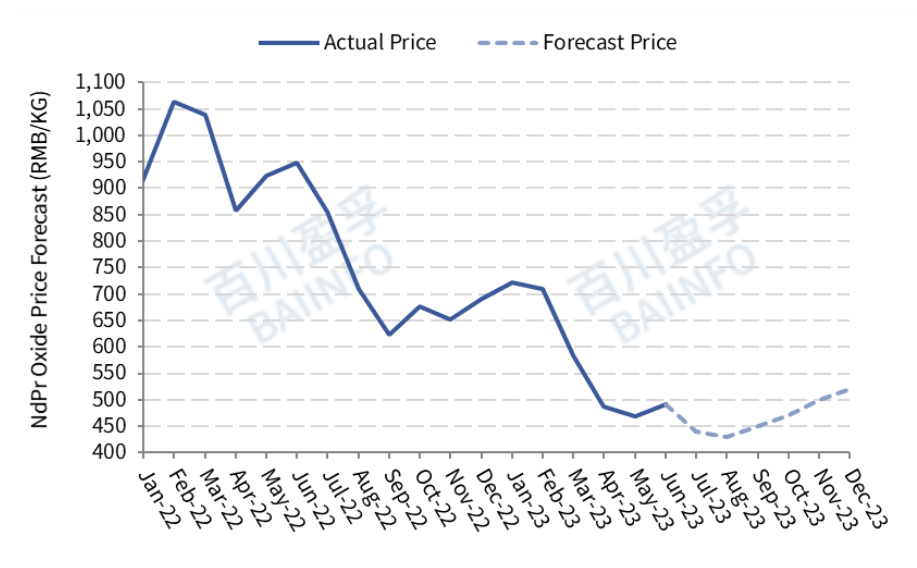
Table 4: BAIINFO NdPr Oxide Price Forecast

Unit: RMB/KG

Month	Price	MoM	Remarks
Dec-23	520.00	4.00%	Forecast Price
Nov-23	500.00	6.38%	Forecast Price
Oct-23	470.00	4.44%	Forecast Price
Sep-23	450.00	4.65%	Forecast Price
Aug-23	430.00	-2.27%	Forecast Price
Jul-23	440.00	-12.00%	Forecast Price

Jun-23	492.00	5.17%	Real Price
May-23	467.80	-3.82%	Real Price
Apr-23	486.40	-16.63%	Real Price
Mar-23	583.40	-17.89%	Real Price
Feb-23	710.50	-1.72%	Real Price
Jan-23	722.90	4.47%	Real Price
Dec-22	692.00	6.13%	Real Price
Nov-22	652.00	-3.61%	Real Price
Oct-22	676.40	8.43%	Real Price
Sep-22	623.80	-12.12%	Real Price
Aug-22	709.80	-17.02%	Real Price
Jul-22	855.40	-9.84%	Real Price
Jun-22	948.80	2.75%	Real Price
May-22	923.40	7.67%	Real Price
Apr-22	857.60	-17.51%	Real Price
Mar-22	1,039.60	-2.34%	Real Price
Feb-22	1,064.50	15.93%	Real Price
Jan-22	918.20	7.87%	Real Price

Figure 22: BAIINFO NdPr Oxide Price Forecast



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## Rare Earth Quotas

### Rare Earth Quotas for 2023 H1

The quota for the first batch of rare-earth mining in 2023 experienced a year-on-year increase, with a quota for smelting and separation higher than 2022 H1, according to a statement from China's Ministry of Industry and Information Technology (MIIT) and the Ministry of Natural Resources.

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## Imp. & Exp. Data

### Analysis on Imp. & Exp. Data

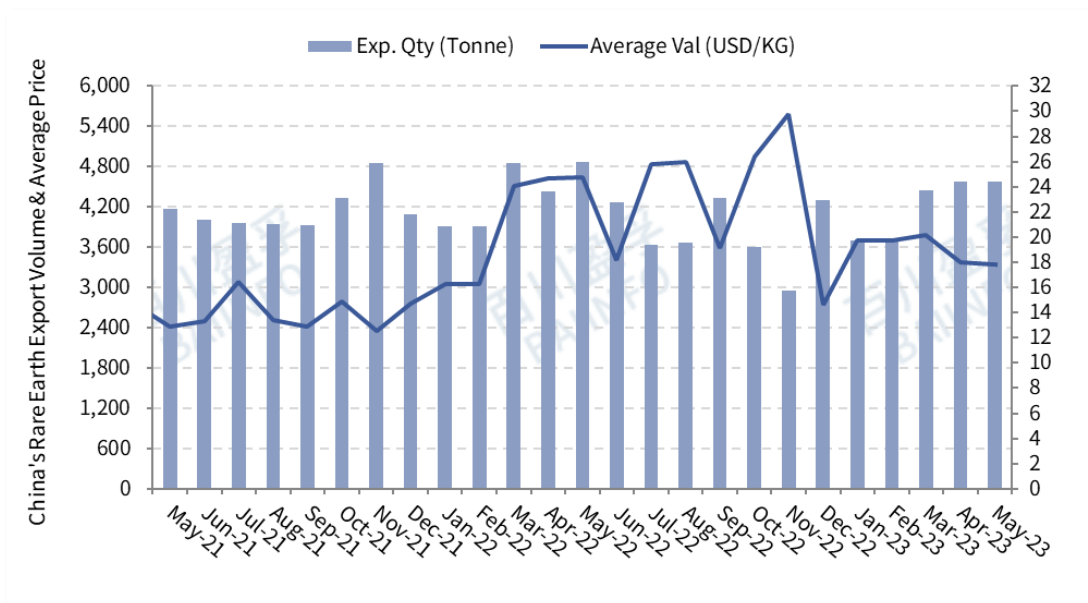
*(According to the notice of the General Administration of Customs, from 2020, import and export data for January and February will be released in March.)*

China's rare earth exports marginally rose to 4,576 tonnes in May, 2023, up by 0.04% MoM but down by 5.89% YoY, according to the General Administration of Customs. From Jan. to May, 2023, China's rare earth exports reached a total of 20,987.2 tonnes, showing a year-on-year drop of 4.47%. Export price was at 81.5 million dollars in May, and average export price fell by 1.26% MoM to USD 17.81/KG.

**Table 5: China's Rare Earth Export Volume in 2022-2023 (T)**

Month	Exp. Qty in 2022	Exp. Qty in 2023	YoY
Jan.	3,917.5	3,695.6	↓ 5.66%
Feb.	3,917.5	3,695.6	↓ 5.66%
Mar.	4,845.2	4,446	↓ 8.24%
Apr.	4,427	4,574	↑ 3.32%
May	4,862.5	4,576	↓ 5.89%
Jun.	4,265.3	/	/
Jul.	3,637.1	/	/
Aug.	3,673.6	/	/
Sep.	4,327.7	/	/
Oct.	3,604	/	/
Nov.	2,949.6	/	/
Dec.	4,307.2	/	/
<b>Total</b>	<b>48,734.2</b>	<b>20,987.2</b>	/

**Figure 23: China's Rare Earth Export Volume and Average Price in 2021-2023**



Source from GACC

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Table 6: Lanthanum Oxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
China	350	5,296	15.13	0	0	0
UAE	0	0	0	2,000	1,800	0.90
Brazil	0	0	0	100,000	79,609	0.80
Germany	0	0	0	20,000	30,066	1.50
Russian Federation	0	0	0	600	1,300	2.17
France	0	0	0	350	1,120	3.20
South Korea	0	0	0	20,001	18,943	0.95
USA	0	0	0	496,000	607,903	1.23
Japan	0	0	0	60,745	130,515	2.15
India	0	0	0	3,000	2,760	0.92
Taiwan of China	0	0	0	1,000	5,671	5.67
<b>Total</b>	<b>350</b>	<b>5,296</b>	<b>15.13</b>	<b>703,696</b>	<b>879,687</b>	<b>1.25</b>

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Table 7: Cerium Oxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
France	400	10,144	25.36	18,000	19,580	1.09
USA	73	8,142	111.53	305	3,728	12.22
Japan	4,157	320,407	77.08	20,775	33,105	1.59
China	13	1,702	130.92	0	0	0
Pakistan	0	0	0	7,200	9,860	1.37



Germany	0	0	0	200	4,600	23.00
South Korea	0	0	0	19,000	288,982	15.21
Netherlands	0	0	0	24,000	24,000	1.00
Czech Republic	0	0	0	1,000	2,000	2.00
Bangladesh	0	0	0	3,000	3,357	1.12
Norway	0	0	0	20,000	267,400	13.37
Thailand	0	0	0	1,000	12,880	12.88
Spain	0	0	0	27,000	35,930	1.33
Italy	0	0	0	20,000	35,000	1.75
India	0	0	0	45,000	175,026	3.89
Vietnam	0	0	0	5,000	6,450	1.29
Taiwan of China	0	0	0	15,000	16,378	1.09
<b>Total</b>	<b>4,643</b>	<b>340,395</b>	<b>73.31</b>	<b>226,480</b>	<b>938,276</b>	<b>4.14</b>

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Table 8: Praseodymium Oxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
USA	0	91	/	0	0	0
Thailand	3,000	207,000	69.00	0	0	0
Austria	0	0	0	11	6,348	577.09
Germany	0	0	0	3,000	232,500	77.50
Netherlands	0	0	0	5,500	454,569	82.65
Japan	0	0	0	575	61,225	106.48
<b>Total</b>	<b>3,000</b>	<b>207,091</b>	<b>69.03</b>	<b>9,086</b>	<b>754,642</b>	<b>83.06</b>

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Table 9: Neodymium Oxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Malaysia	20,000	1,200,000	60.00	0	0	0
USA	0	97	/	1,000	74,717	74.72
China	0	712	/	0	0	0
Germany	0	0	0	2,000	156,000	78.00
France	0	0	0	2,000	156,748	78.37
Netherlands	0	0	0	4,000	300,000	75.00
Mexico	0	0	0	540	73,248	135.64
Japan	0	0	0	2,000	259,414	129.71
Thailand	0	0	0	17,000	1,019,556	59.97
<b>Total</b>	<b>20,000</b>	<b>1,200,809</b>	<b>60.04</b>	<b>28,540</b>	<b>2,039,683</b>	<b>71.47</b>

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Table 10: Dysprosium Oxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Germany	0	0	0	1,000	298,000	298.00
Russian Federation	0	0	0	2,000	602,180	301.09
Philippines	0	0	0	270	226,193	837.75
South Korea	0	0	0	6,507	5,095,453	783.07
Japan	0	0	0	8,575	2,681,673	312.73
Taiwan of China	0	0	0	1,200	716,393	596.99
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,552</b>	<b>9,619,892</b>	<b>492.02</b>

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Table 11: Terbium Oxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Russian Federation	0	29	/	0	0	0
Belgium	0	0	0	300	458,400	1,528.00
Germany	0	0	0	150	224,250	1,495.00
USA	0	0	0	1,915	3,713,200	1,939.01
Japan	0	0	0	8,130	11,875,517	1,460.70
<b>Total</b>	<b>0</b>	<b>29</b>	<b>/</b>	<b>10,495</b>	<b>16,271,367</b>	<b>1,550.39</b>

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Table 12: Europium Oxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Germany	0	0	0	10	265	26.50
Russian Federation	0	0	0	1,000	26,285	26.29
Netherlands	0	0	0	200	6,620	33.10
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,210</b>	<b>33,170</b>	<b>27.41</b>

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Table 13: Yttrium Oxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Austria	66	8,261	125.17	0	0	0
Germany	222	24,316	109.53	10,000	70,500	7.05
South Korea	2,818	569,642	202.14	15,000	209,847	13.99
USA	6	833	138.83	0	0	0
Japan	6,050	556,673	92.01	90,002	815,068	9.06
China	42	1,948	46.38	0	0	0.00
Russian Federation	0	0	0	1,250	10,829	8.66
France	0	0	0	540	6,829	12.65

Sri Lanka	0	0	0	1,000	8,000	8.00
Turkey	0	0	0	1,000	8,800	8.80
Italy	0	0	0	50,000	650,000	13.00
India	0	0	0	500	4,110	8.22
UK	0	0	0	25	350	14.00
Taiwan of China	0	0	0	640	48,548	75.86
<b>Total</b>	<b>9,204</b>	<b>1,161,673</b>	<b>126.21</b>	<b>169,957</b>	<b>1,832,881</b>	<b>10.78</b>

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Table 14: Praseodymium Metal Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
China	0	214	/	0	0	0
<b>Total</b>	<b>0</b>	<b>214</b>	<b>/</b>	<b>0</b>	<b>0</b>	<b>0</b>

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Table 15: Neodymium Metal Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
USA	0	291	/	0	0	0
Russian Federation	0	0	0	300	29,726	99.09
Netherlands	0	0	0	2,000	208,050	104.03
Japan	0	0	0	103,000	10,360,021	100.58
Slovenia	0	0	0	75	8,460	112.80
Thailand	0	0	0	8,000	625,271	78.16
<b>Total</b>	<b>0</b>	<b>291</b>	<b>/</b>	<b>113,375</b>	<b>11,231,528</b>	<b>99.07</b>

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Table 16: Dysprosium Metal Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
China	0	68	/	0	0	0
USA	0	0	0	1	593	593.00
Slovenia	0	0	0	5	2,010	402.00
<b>Total</b>	<b>0</b>	<b>68</b>	<b>/</b>	<b>6</b>	<b>2,603</b>	<b>433.83</b>

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Table 17: Terbium Metal Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
China	0	337	/	0	0	0
South Korea	0	0	0	1	3,478	3,478.00
USA	0	0	0	1	1,879	1,879.00

Japan	0	0	0	2,200	3,493,175	1,587.81
<b>Total</b>	<b>0</b>	<b>337</b>	<b>/</b>	<b>2,202</b>	<b>3,498,532</b>	<b>1,588.80</b>

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Table 18: Cerium Carbonate Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
India	192,000	17,088	0.09	45,000	40,800	0.91
USA	0	0	0	54,000	25,476	0.47
Japan	0	0	0	156,000	210,900	1.35
Taiwan of China	0	0	0	60,000	27,600	0.46
<b>Total</b>	<b>192,000</b>	<b>17,088</b>	<b>0.09</b>	<b>315,000</b>	<b>304,776</b>	<b>0.97</b>

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Table 19: Cerium Hydroxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
USA	0	0	0	17,000	110,500	6.50
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,000</b>	<b>110,500</b>	<b>6.50</b>

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Table 20: Mixed Rare Earth Carbonate Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Malaysia	648,783	3,375,479	5.20	0	0	0
Turkey	0	4	/	0	0	0
India	42,000	856,380	20.39	0	0	0
Canada	0	0	0	10	10	1.00
<b>Total</b>	<b>690,783</b>	<b>4,231,863</b>	<b>6.13</b>	<b>10</b>	<b>10</b>	<b>1.00</b>

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Table 21: Rare Earth Metal Mine Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Brazil	381	5,947	15.61	0	0	0
USA	5,343,000	25,007,289	4.68	0	0	0
Nigeria	1	416	416.00	0	0	0
<b>Total</b>	<b>5,343,382</b>	<b>25,013,652</b>	<b>4.68</b>	<b>0</b>	<b>0</b>	<b>0</b>

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Table 22: Rare Earth Permanent Magnet Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
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Austria	0	752	/	9,853	1,171,015	118.85
Australia	2	444	222.00	5,496	344,034	62.60
Belgium	1	83	83.00	20,501	811,780	39.60
Denmark	112	4,138	36.95	134,969	4,154,498	30.78
Germany	1,075	165,507	153.96	601,706	42,355,241	70.39
France	9	2,693	299.22	382,078	18,396,757	48.15
Philippines	23,641	2,475,554	104.71	35,567	5,294,108	148.85
Finland	192	32,315	168.31	28,281	1,139,643	40.30
South Korea	84	2,773	33.01	510,131	36,678,690	71.90
Czech Republic	117	1,087	9.29	44,435	3,222,320	72.52
Rumania	1	555	555.00	1,382	68,841	49.81
Malaysia	4,583	518,588	113.15	40,920	3,578,799	87.46
USA	48	75,613	1,575.27	749,361	45,556,495	60.79
Japan	53,955	3,024,339	56.05	127,999	11,981,691	93.61
Switzerland	194	32,199	165.97	42,224	3,853,972	91.27
Slovenia	32	7,823	244.47	24,893	2,033,230	81.68
Thailand	2,011	321,005	159.62	117,161	11,290,463	96.37
Tunisia	2	30	15.00	601	39,555	65.82
Spain	0	45	/	40,157	2,464,192	61.36
Singapore	19	4,991	262.68	16,802	1,710,951	101.83
Israel	0	16,007	/	1,389	123,908	89.21
Italy	4	855	213.75	229,813	12,394,964	53.93
Indonesia	12	11,120	926.67	20,111	1,033,963	51.41
UK	147	98,024	666.83	61,614	3,008,701	48.83
Vietnam	28,333	2,422,822	85.51	262,184	23,744,146	90.56
China	20,021	1,556,966	77.77	0	0	0
Taiwan of China	5,312	338,093	63.65	71,848	5,492,423	76.45
Argentina	0	0	0	345	17,073	49.49
UAE	0	0	0	2,930	88,417	30.18
Egypt	0	0	0	2,650	178,650	67.42
Ireland	0	0	0	627	53,252	84.93
Estonia	0	0	0	3,279	249,339	76.04
Angola	0	0	0	50	1,000	20.00
Pakistan	0	0	0	285	11,436	40.13
Bahrain	0	0	0	0	3	/
Panama	0	0	0	18	960	53.33
Brazil	0	0	0	45,008	1,809,152	40.20
Republic of Belarus	0	0	0	2,236	100,805	45.08
Bulgaria	0	0	0	3,933	143,952	36.60
Republic of North Macedonia	0	0	0	16	360	22.50
Iceland	0	0	0	4	50	12.50
Poland	0	0	0	228,519	12,857,378	56.26

Dominican Republic	0	0	0	52	3,724	71.62
Russian Federation	0	0	0	56,618	1,814,380	32.05
Ecuador	0	0	0	31	2,454	79.16
Columbia	0	0	0	2,842	63,077	22.19
Costa Rica	0	0	0	6	235	39.17
Kazakhstan	0	0	0	141	137	0.97
Netherlands	0	0	0	95,575	5,615,601	58.76
Honduras	0	0	0	1,400	99,000	70.71
Kyrgyzstan	0	0	0	1	4	4.00
Canada	0	0	0	14,297	511,844	35.80
Cambodia	0	0	0	1,798	132,988	73.96
Zimbabwe	0	0	0	2	87	43.50
Qatar	0	0	0	6	409	68.17
Croatia	0	0	0	2	586	293.00
Kenya	0	0	0	842	174,960	207.79
Curacao	0	0	0	1	1	1.00
Latvia	0	0	0	2,252	15,257	6.77
Lebanon	0	0	0	1	705	705.00
Lithuania	0	0	0	2,824	96,030	34.00
Maldives	0	0	0	1	150	150.00
Bangladesh	0	0	0	920	18,606	20.22
Peru	0	0	0	5,152	35,862	6.96
Myanmar	0	0	0	307	32,777	106.77
Morocco	0	0	0	280	18,340	65.50
Mexico	0	0	0	97,209	6,443,839	66.29
South Africa	0	0	0	5,047	121,433	24.06
Nigeria	0	0	0	1,771	4,484	2.53
Norway	0	0	0	972	146,770	151.00
Portugal	0	0	0	13,029	1,154,147	88.58
Sweden	0	0	0	29,436	1,666,829	56.63
Salvador	0	0	0	1,686	12,299	7.29
Serbia	0	0	0	22,601	2,191,934	96.98
Cyprus	0	0	0	182	6,797	37.35
Saudi Arabia	0	0	0	1,225	5,734	4.68
Sri Lanka	0	0	0	642	30,055	46.81
Slovakia	0	0	0	8,990	593,419	66.01
Surinam	0	0	0	16	1,704	106.50
Turkey	0	0	0	29,784	1,701,145	57.12
Ukraine	0	0	0	389	30,301	77.89
Uzbekistan	0	0	0	84	5,777	68.77
Greece	0	0	0	796	33,975	42.68
New Zealand	0	0	0	608	91,967	151.26
Hungary	0	0	0	29,322	2,276,139	77.63

Jamaica	0	0	0	2	143	71.50
Iran	0	0	0	22,563	111,581	4.95
India	0	0	0	119,035	6,874,986	57.76
Chile	0	0	0	491	20,749	42.26
Hong Kong of China	0	0	0	17,294	1,746,127	100.97
<b>Total</b>	<b>139,907</b>	<b>11,114,421</b>	<b>79.44</b>	<b>4,459,901</b>	<b>291,365,755</b>	<b>65.33</b>

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Table 23: Unlisted Oxide Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Russian Federation	0	1,008	/	15,310	853,593	55.75
France	400	47,888	119.72	22,150	198,292	8.95
Malaysia	40,000	2,852,800	71.32	2,160	47,519	22.00
USA	140	84,541	603.86	11,466	474,117	41.35
Myanmar	3,757,330	100,168,997	26.66	1,440	4,669	3.24
Japan	24,861	1,712,061	68.87	247,307	2,115,009	8.55
India	0	493	/	2,650	54,129	20.43
Vietnam	4,184	190,899	45.63	40,000	2,768,961	69.22
China	0	1,702	/	0	0	0
Pakistan	0	0	0	2,700	114,521	42.42
Belgium	0	0	0	2,000	93,000	46.50
Poland	0	0	0	6,480	86,869	13.41
Germany	0	0	0	1,300	47,375	36.44
South Korea	0	0	0	17,100	191,749	11.21
Netherlands	0	0	0	17,000	877,886	51.64
UK	0	0	0	400	3,020	7.55
Taiwan of China	0	0	0	191,550	429,543	2.24
Hong Kong of China	0	0	0	480	6,472	13.48
<b>Total</b>	<b>3,826,915</b>	<b>105,060,389</b>	<b>27.45</b>	<b>581,493</b>	<b>8,366,724</b>	<b>14.39</b>

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Table 24: NdFeB Alloys Rapidly Solidified Permanent Magnetic Sheet Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Germany	0	0	0	4,800	247,604	51.58
South Korea	0	0	0	1,800	72,940	40.52
Japan	0	0	0	245,945	9,342,264	37.99
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>252,545</b>	<b>9,662,808</b>	<b>38.26</b>

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Table 25: NdFeB Alloys Magnetic Powder Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Japan	3,645	142,599	39.12	161,417	7,326,307	45.39
Singapore	0	66	/	0	0	0
Germany	0	0	0	41,010	2,227,052	54.31
Slovenia	0	0	0	11,320	565,365	49.94
Thailand	0	0	0	14,020	413,723	29.51
Vietnam	0	0	0	74,083	2,946,839	39.78
<b>Total</b>	<b>3,645</b>	<b>142,665</b>	<b>39.14</b>	<b>301,850</b>	<b>13,479,286</b>	<b>44.66</b>

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Table 26: Other NdFeB Alloys Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Poland	21	4,081	194.33	0	0	0
Japan	8,801	383,381	43.56	11,682	649,999	55.64
China	6	224	37.33	0	0	0
Germany	0	0	0	11,200	597,619	53.36
France	0	0	0	250	7,475	29.90
Philippines	0	0	0	4,500	115,651	25.70
South Korea	0	0	0	3,360	206,807	61.55
Malaysia	0	0	0	690	39,777	57.65
Mexico	0	0	0	1,000	70,264	70.26
Switzerland	0	0	0	20	800	40.00
India	0	0	0	150	10,259	68.39
Vietnam	0	0	0	1,920	110,208	57.40
Hong Kong of China	0	0	0	1,920	138,067	71.91
<b>Total</b>	<b>8,828</b>	<b>387,686</b>	<b>43.92</b>	<b>36,692</b>	<b>1,946,926</b>	<b>53.06</b>

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Table 27: Compounds of Rare-earth Metals or Mixture Thereof Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Germany	31	90,038	2,904.45	525	28,658	54.59
Russian Federation	0	270	/	100	5,906	59.06
Kazakhstan	64,000	381,643	5.96	0	0	0
Malaysia	794,206	5,201,255	6.55	19	15,112	795.37
USA	10	6,303	630.30	1,815	224,292	123.58
Myanmar	2,210,901	14,111,092	6.38	0	0	0
Japan	45	203,092	4,513.16	1,442	192,747	133.67
Switzerland	0	23,793	/	0	0	0
Turkey	0	31	/	0	0	0



UK	0	47	/	0	0	0
Taiwan of China	3	32,622	10,874.00	11	5,053	459.36
UAE	0	0	0	350	8,938	25.54
Brazil	0	0	0	2,400	28,800	12.00
Poland	0	0	0	5,440	1,112,880	204.57
France	0	0	0	146	2,208	15.12
South Korea	0	0	0	1,929	157,575	81.69
Sweden	0	0	0	500	7,500	15.00
Thailand	0	0	0	124	7,487	60.38
Spain	0	0	0	500	15,670	31.34
Hungary	0	0	0	175	13,580	77.60
Italy	0	0	0	41	1,025	25.00
India	0	0	0	2,905	907,420	312.36
Vietnam	0	0	0	100	67,240	672.40
<b>Total</b>	<b>3,069,196</b>	<b>20,050,186</b>	<b>6.53</b>	<b>18,522</b>	<b>2,802,091</b>	<b>151.28</b>

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Table 28: Thorium Ores and Concentrates Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Thailand	840,000	7,776,300	9.26	0	0	0
Vietnam	25,000	220,184	8.81	0	0	0
Nigeria	477,529	3,427,023	7.18	0	0	0
Democratic Republic of Congo	444,000	3,911,352	8.81	0	0	0
<b>Total</b>	<b>1,786,529</b>	<b>15,334,859</b>	<b>8.58</b>	<b>0</b>	<b>0</b>	<b>0</b>

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Table 29: Rare-earth Metals, Scandium & Yttrium, Inter- Mixed/Alloyed Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Vietnam	25,000	2,319,250	92.77	0	0	0
USA	0	49	/	0	0	0
India	0	0	0	81,000	241,373	2.98
Japan	0	0	0	195,000	10,944,610	56.13
South Korea	0	0	0	1,000	5,800	5.80
UK	0	0	0	5,000	155,771	31.15
Germany	0	0	0	40,000	112,350	2.81
Netherlands	0	0	0	120,000	358,445	2.99
Spain	0	0	0	23,000	60,715	2.64
Canada	0	0	0	20,000	60,630	3.03
<b>Total</b>	<b>25,000</b>	<b>2,319,299</b>	<b>92.77</b>	<b>485,000</b>	<b>11,939,694</b>	<b>24.62</b>

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Table 30: Ferro-alloys, nes Imp. & Exp. by Countries/Regions in May, 2023

Countries/Regions	Imp. Qty (KG)	Imp. Val (USD)	Unit Price (USD/KG)	Exp. Qty (KG)	Exp. Val (USD)	Unit Price (USD/KG)
Indonesia	10,491,682	14,793,870	1.41	1,422,254	1,493,930	1.05
Japan	2,400	12,763	5.32	997,325	3,059,116	3.07
South Korea	250	1,795	7.18	1,712,667	1,792,567	1.05
UK	0	724	/	24,000	37,680	1.57
Sweden	4,000	21,314	5.33	102,400	56,627	0.55
Brazil	1,400,000	14,834,870	10.60	205,000	122,945	0.60
USA	937,939	523,696	0.56	1,551,000	2,873,258	1.85
Bahrain	0	0	0	10,000	36,490	3.65
India	0	0	0	2,311,223	4,000,539	1.73
Iran	0	0	0	50,000	21,887	0.44
Malaysia	0	0	0	116,000	200,114	1.73
Pakistan	0	0	0	30,000	49,687	1.66
Saudi Arabia	0	0	0	25,000	39,813	1.59
Singapore	0	0	0	20	4,340	217.00
Thailand	0	0	0	1,274,149	2,398,546	1.88
Turkey	0	0	0	456,774	878,108	1.92
UAE	0	0	0	97,722	148,356	1.52
Vietnam	0	0	0	47,850	69,169	1.45
Taiwan of China	0	0	0	191,830	423,122	2.21
Egypt	0	0	0	106,000	279,942	2.64
South Africa	0	0	0	70,000	122,484	1.75
Belgium	0	0	0	24,000	52,565	2.19
Germany	0	0	0	337,000	521,599	1.55
France	0	0	0	6,000	3,540	0.59
Italy	0	0	0	25,861	80,387	3.11
Netherlands	0	0	0	490,050	775,865	1.58
Spain	0	0	0	230,000	437,629	1.90
Finland	0	0	0	54,000	110,410	2.04
Poland	0	0	0	105,000	190,195	1.81
Romania	0	0	0	16,000	27,186	1.70
Russian Federation	0	0	0	470,000	819,871	1.74
Slovenia	0	0	0	124,000	206,239	1.66
Argentina	0	0	0	10,000	20,189	2.02
Columbia	0	0	0	22,000	34,760	1.58
Ecuador	0	0	0	11,700	19,890	1.70
Mexico	0	0	0	284,240	709,890	2.50
Canada	0	0	0	200,000	263,348	1.32
Australia	0	0	0	78,146	87,564	1.12
<b>Total</b>	<b>12,836,271</b>	<b>30,189,032</b>	<b>2.35</b>	<b>13,289,211</b>	<b>22,469,847</b>	<b>1.69</b>

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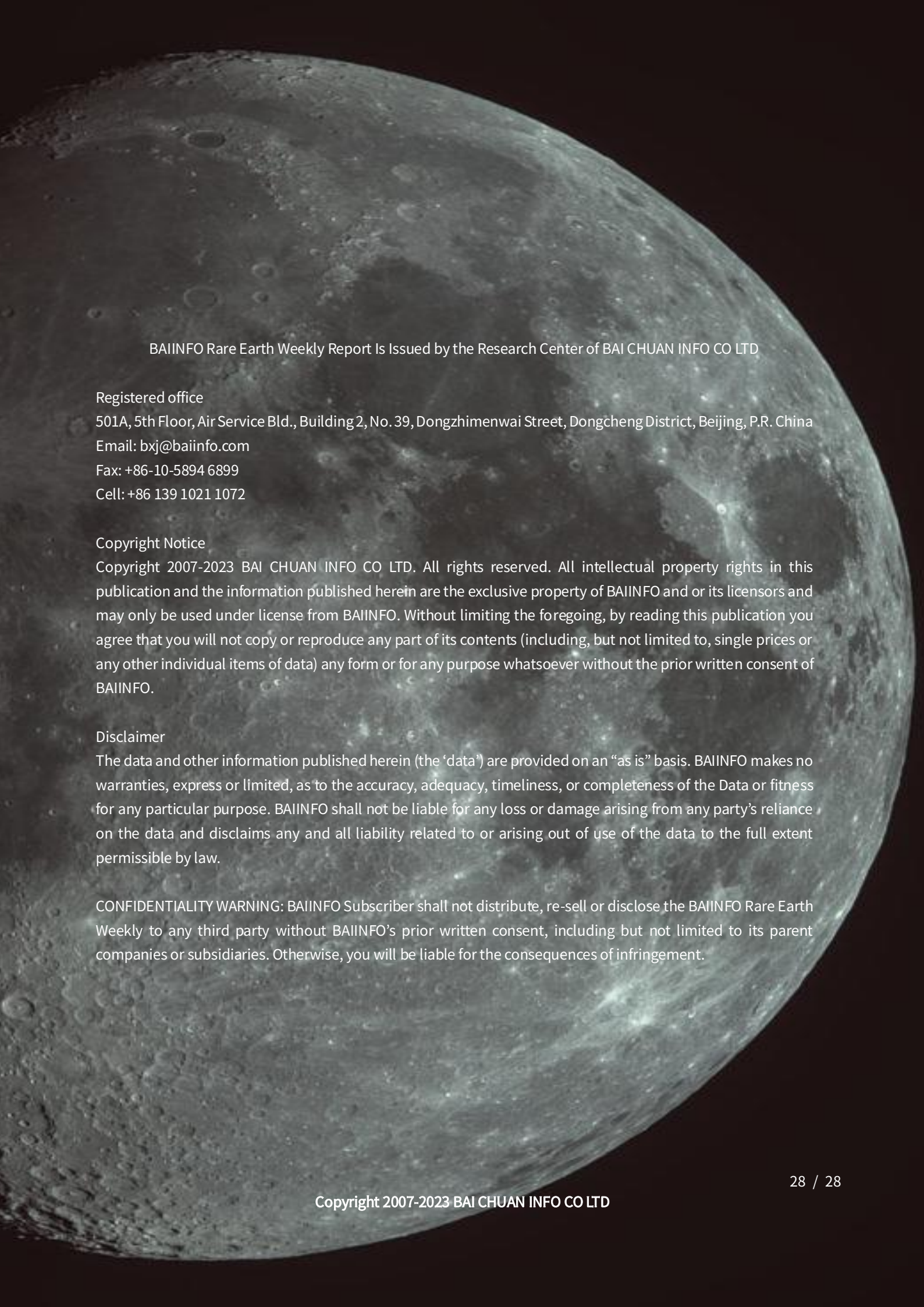
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