

2013 Metallurgy, Mineral and Energy

Industry Analysis Report

2014.09



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1. 2013 China Metallurgy, Mineral and Energy Industry Export Trend Analysis

HS Code	Product Name
2503	Sulphur of all kinds, other than sublimed sulphur, precipitated sulphur and colloidal sulphur, below referred to as "Sulphur".
2504	Natural Graphite
2506	Quartz (other than natural sands); quartzite, whether or not roughly trimmed or merely cut, by sawing or otherwase, into blocks or slabs of a rectangular (including square) shape, below referred to as "Quartz".
2522	Quicklime, slaked lime and hydraulic lime, other than calcium oxide and hydroxide of heading No. 28.25, below referred to as "Quicklime".
2601	Iron ores and concentrates, including roasted iron pyrites, below referred to as "Iron ores and concentrates".
2602	Manganese ores and concentrates, including ferruginous manganese ores and concentrates with a manganese content of 20% or more, calculated on the dry weight, below referred to as "Manganese ores and concentrates".
2701	Coal; briquettes, ovoids and similar solid fuels manufactured from coal
2709	Petroleum oils and oils obtained from bituminous minerals, crude, below referred to as "Petroleum oils".
85414020	Solar Cells

1.1. China Sulphur (HS: 2503) Export Trend Analysis, from Jan. to Dec. 2013

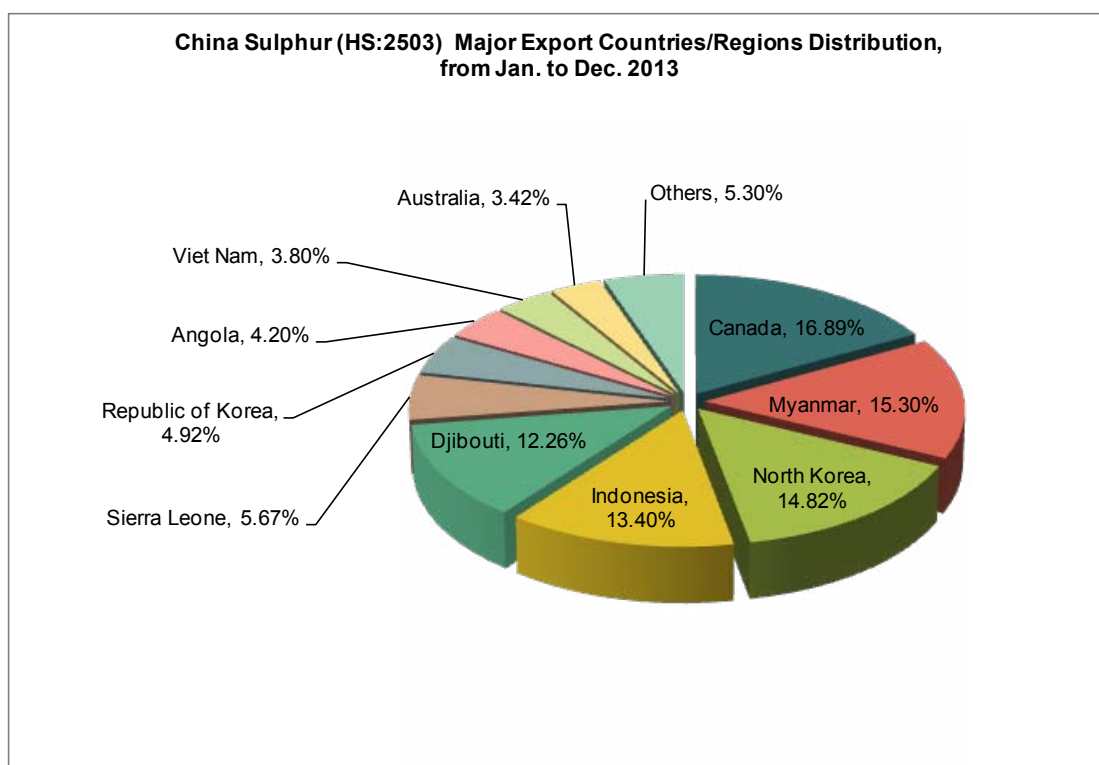
1.1.1. China Sulphur Export Volume and Value, from Jan. to Dec. 2013

Month	Volume (Kg)	Value (USD)	Year-on-Year	
			Volume	Value
Jan.	102,000	32,148	-60.1%	-73.2%
Feb.	93,150	30,060	-56.7%	-53.8%
Mar.	136,500	51,038	-64.2%	-63.1%
Apr.	196,002	67,472	-9.5%	-20.8%
May	121,000	41,752	23.5%	-0.8%
Jun.	228,000	68,679	9.8%	-12.2%
Jul.	298,500	115,097	292.1%	279.4%
Aug.	243,675	76,202	654.4%	560%
Sept.	226,000	61,104	-8.8%	-38.8%
Oct.	16,000	6,750	-20%	-32.5%
Nov.	70,264	37,014	-55%	-43.9%
Dec.	56,000	21,052	-74.3%	-77.6%
Total	1,787,091	608,368	-15.9%	-27.6%

The export volume of sulphur amounted to 1787.09 tons, decreased 15.9% year-on-year; the export value amounted to 0.6084 million dollars, a decrease of 27.6%.

1.1.2. China Sulphur Major Export Countries/Regions Distribution, from Jan. to Dec. 2013

No.	Countries	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Canada	210,264	102,781	-28.1%	-39.6%
2	Myanmar	307,175	93,108	1413.2%	475.5%
3	North Korea	343,650	90,173	-43.2%	-50.4%
4	Indonesia	260,002	81,545	-4.8%	-26.2%
5	Djibouti	242,000	74,585	0	0
6	Sierra Leone	75,000	34,500	87.5%	139.6%
7	Republic of Korea	96,000	29,958	1.1%	-24.2%
8	Angola	70,000	25,556	0	0
9	Viet Nam	74,000	23,133	-66.4%	-71.4%
10	Australia	41,000	20,800	-60.2%	-59.7%



The largest export market for Chinese sulphur was Canada. The total export value to Canada was 10.28 thousand dollars, from Jan. to Dec. 2013, with a decrease of 39.6% year on year. Among the total export value of sulphur, it accounted for 21.67%, followed by Japan, which accounted for 4.01%.

Among the top ten export countries/ regions, from Jan. to Dec. 2013, the largest increase of volume and value were both in Netherlands, with an increase of 80% in volume and 104% in value year on year.

1.1.3. China Sulphur Original Places of Exported Goods, from Jan. to Dec. 2013

No.	Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Shandong	496,150	193,133	-26.9%	-33.7%
2	Jiangsu	355,002	114,870	-13.3%	-27.6%
3	Liaoning	383,500	100,310	-39.1%	-47.2%
4	Yunnan	291,000	84,898	0	0
5	Guangxi Zhuang Autonomous Region	91,000	38,710	-35.5%	-25.1%
6	Hebei	81,000	35,289	-21.4%	-31.5%
7	Tianjin	23,264	20,635	25.6%	4.2%
8	Hunan	50,000	12,313	0	0
9	Shanghai	16,175	8,210	-25.3%	-78.2%

The major sulphur original places in China are Shandong, Jiangsu, Liaoning and Yunnan. From Jan. to Dec. 2013, the export volume of the above five provinces accounted for 85.37% of the total export volume, and the export value of the five provinces accounted for 81.07% of the total export value. Among the top ten sulphur export origin places, the largest decline of export value was in Shanghai, a decrease of 78.2%; followed by Liaoning, a decrease of 47.2%.

1.2. China Natural Graphite (HS: 2504) Export Trend Analysis, from Jan. to Dec. 2013

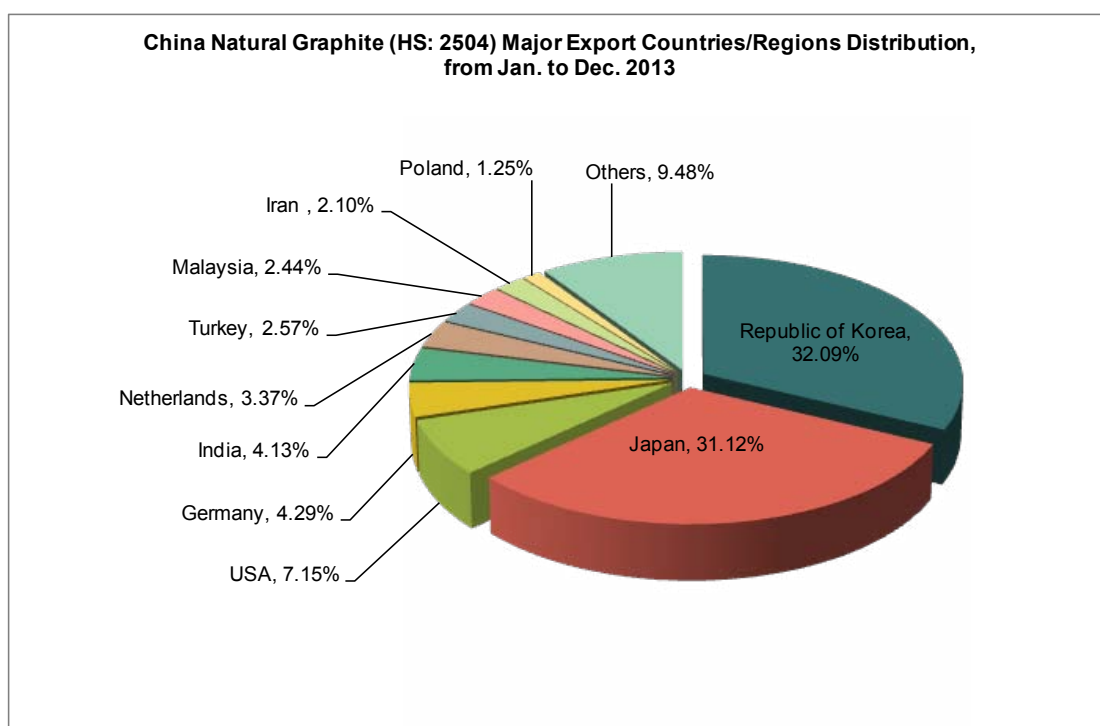
1.2.1. China Natural Graphite Export Volume and Value, from Jan. to Dec. 2013

Month	Volume (Kg)	Value (USD)	Year-on-Year	
			Volume	Value
Jan.	26,684,280	24,463,958	-9.8%	-15%
Feb.	13,817,422	17,817,226	-26.1%	-11.8%
Mar.	15,447,712	20,305,906	-28%	-7%
Apr.	21,291,391	21,157,632	18.2%	-11.4%
May	26,847,624	25,320,870	62%	5%
Jun.	19,486,809	22,274,175	-6.8%	-14.3%
Jul.	20,684,159	24,197,697	-1.9%	-13.2%
Aug.	27,380,674	26,715,022	33.7%	23.7%
Sept.	18,743,724	24,834,891	-25.1%	-7.4%
Oct.	21,559,319	25,971,090	16.9%	46.6%
Nov.	20,360,897	22,161,753	-28.5%	-19.9%
Dec.	20,811,777	21,513,717	8.9%	2.1%
Total	253,115,788	276,733,937	-1.8%	-3.8%

The export volume of Chinese natural graphite was 25.31 thousand tons, from Jan. to Dec. 2013, declined 1.8% year on year; the export value was 0.277 billion dollars, declined 3.8% year on year.

1.2.2. China Natural Graphite Major Export Countries/Regions Distribution, from Jan. to Dec. 2013

No.	Countries	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Republic of Korea	26,183,050	88,797,474	-7.8%	-5.5%
2	Japan	81,402,612	86,130,313	-7.6%	-7.4%
3	USA	20,811,049	19,798,584	24.1%	8.4%
4	Germany	11,459,407	11,873,827	29.1%	11%
5	India	17,648,736	11,425,550	13.8%	-11.7%
6	Netherlands	19,972,100	9,327,362	-6.7%	-24.7%
7	Turkey	8,317,799	7,101,284	56.8%	19.5%
8	Malaysia	1,076,890	6,756,980	16%	919%
9	Iran	5,918,310	5,808,697	89.6%	64.4%
10	Poland	2,502,000	3,466,563	-34.4%	-28.8%



The largest export market for Chinese natural graphite was Korea. The total export value to Korea was 88.7975 million dollars, from Jan. to Dec. 2013, with a decrease of 5.5% year on year. Among the total export value of natural graphite, it accounted for 32.09%, followed by Japan, which accounted for 31.12%.

Among the top ten export countries/ regions, from Jan. to Dec. 2013, the largest increase of value was in Malaysia, an increase of 919% year on year; while, only increased 16% in export volume.

1.2.3. China Natural Graphite Original Places of Exported Goods, from Jan. to Dec. 2013

No.	Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Shandong	62,863,886	99,622,864	2.7%	-11.4%
2	Guangdong	9,235,646	78,357,838	1.3%	17%
3	Heilongjiang	60,217,487	38,078,505	32.3%	9.3%
4	Hunan	60,438,343	29,819,195	-4.6%	-8.8%
5	Henan	5,223,954	9,872,756	-1.4%	-10.5%
6	Liaoning	34,167,399	5,360,108	-24.4%	-45.4%
7	Inner Mongolia Autonomous Region	6,835,200	5,340,399	-29.4%	-8.6%
8	Shanxi	2,658,003	2,500,423	38.2%	90.1%
9	Shanghai	4,453,923	2,335,317	-45%	-44.8%
10	Jiangsu	1,238,996	1,318,114	76.4%	98.4%

The major natural graphite original places in China are Shandong, Guangdong, Heilongjiang and Hunan. From Jan. to Dec. 2013, the export volume of the above four provinces accounted for 76.15% of the total export volume, and the export value of the four provinces accounted for 88.85% of the total export value. Among the top ten natural graphite export origin places, the largest increase of export volume and value were both in Jiangsu, increased 76.4% in volume and increased 98.4% in value.

1.3. China Quartz (HS: 2506) Export Trend Analysis, from Jan. to Dec. 2013

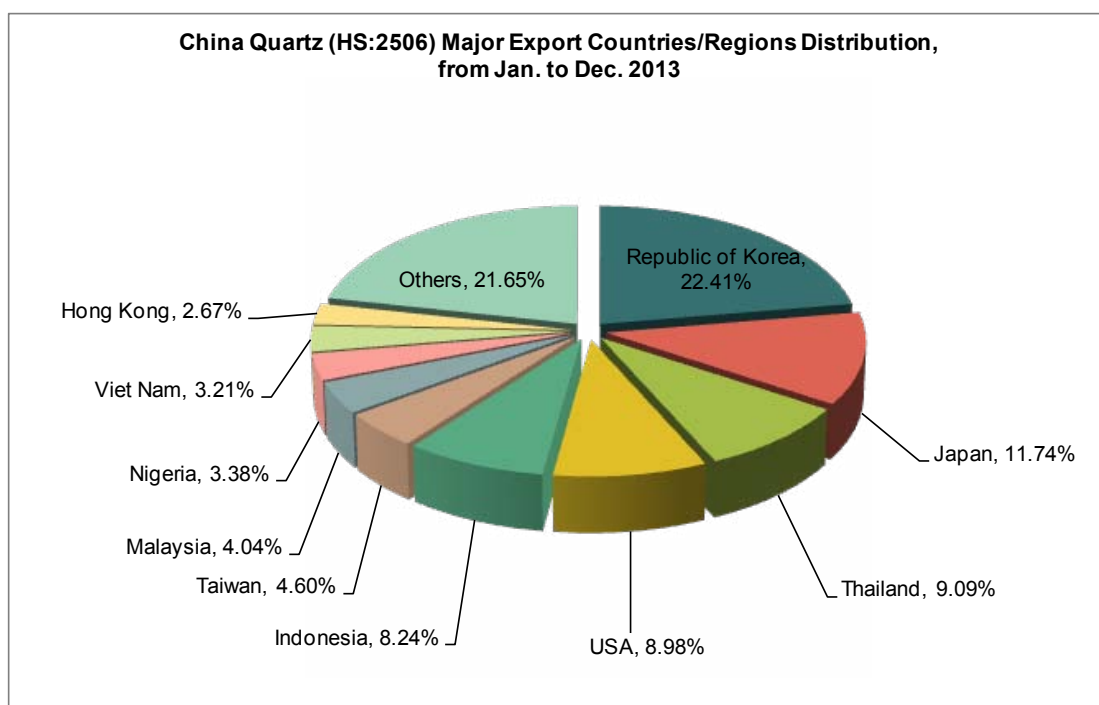
1.3.1. China Quartz Export Volume and Value, from Jan. to Dec. 2013

Month	Volume (Kg)	Value (USD)	Year-on-Year	
			Volume	Value
Jan.	35,114,635	2,994,134	29.8%	23.4%
Feb.	29,232,489	2,225,062	115.9%	52%
Mar.	24,620,690	2,523,731	-1.1%	12%
Apr.	30,116,789	2,926,093	4.6%	28.3%
May	20,768,971	2,670,145	-2.1%	7.3%
Jun.	25,137,282	2,172,193	-8.3%	-19.3%
Jul.	12,064,153	1,853,651	-51.5%	-19.5%
Aug.	10,377,631	2,251,845	-39.7%	5.9%
Sept.	14,153,241	2,301,201	-50.4%	-7.5%
Oct.	18,216,825	2,506,409	-26.7%	9.2%
Nov.	18,496,496	3,129,134	-11%	12.3%
Dec.	16,949,627	3,928,894	-35.4%	40.3%
Total	255,248,829	31,482,492	-10.6%	10.9%

The export volume of Chinese quartz was 25.52 thousand tons, from Jan. to Dec. 2013, declined 10.6% year on year; the export value was 31.4825 million dollars, increased 10.9% year on year.

1.3.2. China Quartz Major Export Countries/Regions Distribution, from Jan. to Dec. 2013

No.	Countries	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Republic of Korea	96,429,098	7,053,770	-28.8%	-6.2%
2	Japan	16,793,274	3,694,650	-27.5%	-26.4%
3	Thailand	14,170,994	2,860,544	-0.2%	14.5%
4	USA	4,696,076	2,828,380	15.5%	40.6%
5	Indonesia	32,379,659	2,594,580	-28.4%	-35.3%
6	Taiwan	42,456,917	1,447,238	70.7%	24.1%
7	Malaysia	4,583,005	1,271,951	12.1%	182.9%
8	Nigeria	8,736,044	1,062,653	448.5%	565.5%
9	Viet Nam	2,465,709	1,011,843	-40.3%	37.6%
10	Hong Kong	882,161	841,125	-55.9%	79.9%



The largest export market for Chinese quartz was Korea. The total export value to Korea was 7.0538 million dollars, from Jan. to Dec. 2013, with a decrease of 6.2% year on year. Among the total export value of quartz, it accounted for 22.41%, followed by Japan, which accounted for 11.74%.

Among the top ten export countries/ regions, from Jan. to Dec. 2013, the largest increase of volume and value were both in Nigeria, increased 448.5% in volume and 565.5% in value year on year.

1.3.3. China Quartz Original Places of Exported Goods, from Jan. to Dec. 2013

No.	Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Guangdong	26,141,685	9,747,299	-25.1%	37.5%
2	Jiangsu	54,366,393	8,256,944	3.5%	-4.8%
3	Shandong	104,038,304	3,456,983	-24%	-20.8%
4	Henan	28,206,595	2,668,400	12%	12.8%
5	Hubei	17,512,023	2,324,962	211.2%	92.3%
6	Fujian	8,151,576	1,125,926	-25.3%	-6.1%
7	Liaoning	5,797,320	769,485	-33.1%	-15.8%
8	Tianjin	3,326,953	708,127	20.2%	9%
9	Hebei	2,118,178	518,063	-25.8%	-20%
10	Jiangxi	884,408	340,859	438.8%	664.6%

The major quartz original places in China are Guangdong, Jiangsu and Shandong. From Jan. to Dec. 2013, the export volume of the above three provinces accounted for 72.3% of the total export volume, and the export value of the three provinces accounted for 68.17% of the total export value.

1.4. China Quicklime (HS: 2522) Export Trend Analysis, from Jan. to Dec. 2013

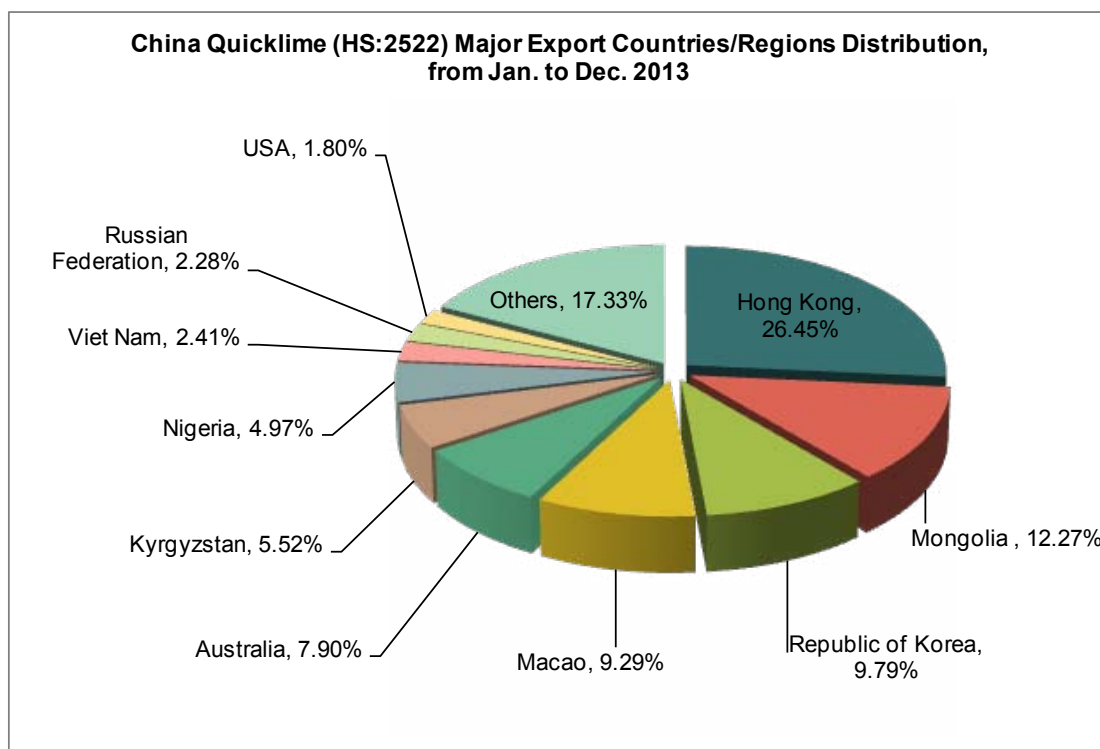
1.4.1. China Quicklime Export Volume and Value, from Jan. to Dec. 2013

Month	Volume (Kg)	Value (USD)	Year-on-Year	
			Volume	Value
Jan.	8,692,196	1,490,550	-53.4%	30.2%
Feb.	6,966,960	1,073,482	-64.8%	-18.9%
Mar.	17,748,393	2,263,746	27.6%	95.9%
Apr.	5,813,205	1,510,789	-63.7%	10.4%
May	17,814,713	2,527,738	40.9%	190.2%
Jun.	9,473,897	1,607,603	-56.3%	-4.8%
Jul.	9,490,912	1,413,590	-20.9%	-12.6%
Aug.	15,449,803	2,143,228	48.8%	105.2%
Sept.	15,947,374	2,646,229	27.6%	136.6%
Oct.	11,818,109	1,366,659	30.9%	54.8%
Nov.	9,334,456	1,541,545	-20.9%	22.1%
Dec.	15,202,883	2,490,359	-0.7%	38.4%
Total	143,752,901	22,075,518	-17.3%	44.5%

The export volume of Chinese quicklime was 14.38 thousand tons, from Jan. to Dec. 2013, declined 17.3% year on year; the export value was 1.4906 million dollars, increased 44.5% year on year.

1.4.2. China Quicklime Major Export Countries/Regions Distribution, from Jan. to Dec. 2013

No.	Countries	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Hong Kong	39,007,653	5,838,711	-19.3%	254.1%
2	Mongolia	26,103,541	2,708,081	104.9%	210.4%
3	Republic of Korea	24,891,362	2,162,130	-51.5%	-50.1%
4	Macao	5,027,370	2,050,013	-38.5%	75.9%
5	Australia	18,347,879	1,743,148	289.8%	258.1%
6	Kyrgyzstan	2,274,258	1,217,741	67.5%	1692.9%
7	Nigeria	1,939,866	1,096,582	8%	-12.2%
8	Viet Nam	2,469,025	532,716	1.1%	105.8%
9	Russian Federation	5,189,144	502,677	-14.2%	-56.9%
10	USA	1,126,826	398,343	628%	251.2%



The largest export market for Chinese quicklime was Hong Kong. The total export value to Hong Kong was 5.8387 million dollars, from Jan. to Dec. 2013, with an increase of 254.1% year on year. Among the total export value of quicklime, it accounted for 26.45%, followed by Mongolia, which accounted for 12.27%.

Among the top ten export countries/ regions, from Jan. to Dec. 2013, the largest increase of volume was in Australia, increased 289.8% year on year; and the largest increase in value was in Kyrgyzstan, increased 1692.9% year on year.

1.4.3. China Quicklime Original Places of Exported Goods, from Jan. to Dec. 2013

No.	Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Guangdong	32,139,036	7,075,034	-25.4%	283.3%
2	Shandong	26,960,330	2,791,217	36.3%	-1.3%
3	Inner Mongolia Autonomous Region	25,797,206	2,586,531	113.6%	215.4%
4	Anhui	25,029,340	2,088,561	-51.3%	-51.4%
5	Jiangsu	2,347,252	1,568,084	4%	20.9%
6	Zhejiang	6,639,303	1,553,988	12.1%	28.9%
7	Xinjiang Uygur Autonomous Region	2,381,067	1,225,383	18.4%	576.4%
8	Hebei	6,021,145	844,751	399.3%	295.1%
9	Sichuan	1,277,880	725,996	172.7%	455.3%
10	Guangxi Zhuang Autonomous Region	9,401,005	249,568	-19.7%	-25.6%

The major quicklime original places in China are Guangdong, Shandong, Inner Mongolia Autonomous Region and Anhui. From Jan. to Dec. 2013, the export volume of the above four places accounted for 76.47% of the total export volume, and the export value of the four provinces accounted for 65.87% of the total export value. Among the top ten quicklime export origin places, the largest increase of export volume was in Hebei, increased 399.3%; and the largest increase of export value was in Sichuan, increased 455.3%.

1.5. China Iron Ores and Concentrates (HS:2601) Export Trend Analysis, from Jan. to Dec. 2013

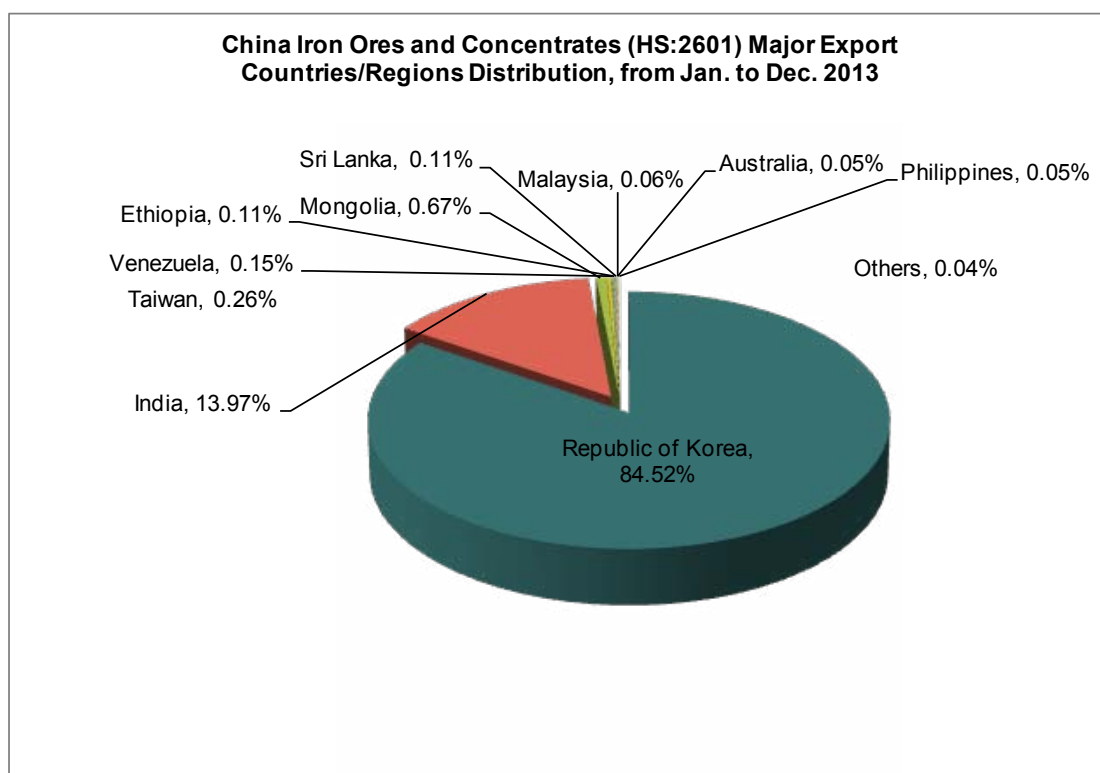
1.5.1. China Iron Ores and Concentrates Export Volume and Value, from Jan. to Dec. 2013

Month	Volume (Kg)	Value (USD)	Year-on-Year	
			Volume	Value
Jan.	570,435	120,496	78%	432.1%
Feb.	577,590	147,885	7.9%	-21%
Mar.	380,425	87,910	-61.8%	-70.2%
Apr.	1,231,950	328,704	80.1%	61.3%
May	1,032,830	237,702	-0.5%	-35.5%
Jun.	691,915	189,571	-7.6%	-29.4%
Jul.	841,146	161,008	283114%	119165%
Aug.	30,178	6,021	1707.1%	1842.3%
Sept.	236,500	89,846	68.8%	75.3%
Oct.	303,675	69,224	-98.9%	-98.8%
Nov.	53,246,203	7,673,916	64341%	26232%
Dec.	337,000	83,925	-52.3%	-85.3%
Total	59,479,847	9,196,208	81.6%	16.8%

The export volume of Chinese iron ores and concentrates was 59.5 thousand tons, from Jan. to Dec. 2013, increased 81.6% year on year; the export value was 9.1962 million dollars, increased 16.8% year on year.

1.5.2. China Iron Ores and Concentrates Major Export Countries/Regions Distribution, from Jan. to Dec. 2013

No.	Countries/ Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Republic of Korea	53,480,710	7,773,033	93.4%	30.5%
2	India	5,486,230	1,284,950	2784.5%	2457.4%
3	Mongolia	288,716	61,683	-92.2%	-95.1%
4	Taiwan	24,595	24,020	20.3%	718.7%
5	Venezuela	17,000	13,596	0	0
6	Ethiopia	2,500	10,575	0	0
7	Sri Lanka	80,000	10,388	0	0
8	Malaysia	29,780	5,956	0	0
9	Australia	45,323	4,540	115.2%	44.7%
10	Philippines	11,500	4,246	0	0



The largest export market for Chinese iron ores and concentrates is Korea. The total export value to Korea was 7.773 million dollars, from Jan. to Dec. 2013, increased 30.5% year on year. Among the total export value of iron ores and concentrates, it accounted for 84.52%, followed by India, which accounted for 13.97%.

Among the top ten export countries/ regions, from Jan. to Dec. 2013, the largest increase of volume and value were both in India, increased 2784.5% in volume and 2457.4% in value.

1.5.3. China Iron Ores and Concentrates Original Places of Exported Goods, from Jan. to Dec. 2013

No.	Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Shandong	53,249,820	7,675,149	479628%	531788%
2	Hebei	2,279,283	518,529	86.5%	88.1%
3	Hubei	1,711,500	479,066	-93.8%	-91.8%
4	Henan	760,000	162,000	262%	372.7%
5	Qinghai	750,000	140,500	400%	242.7%
6	Liaoning	251,210	98,270	55.5%	18.9%
7	Inner Mongolia Autonomous Region	290,868	61,927	-89.6%	-93.8%
8	Zhejiang	49,780	27,451	3333.1%	1368.8%
9	Tianjin	17,095	13,696	-97.2%	-97.5%
10	Beijing	106,000	13,232	403.3%	364.4%

The major iron ores and concentrates original places in China are Shandong. From Jan. to Dec. 2013, the export volume of Shandong accounted for 89.53% of the total export volume, and the export value of Shandong accounted for 83.46% of the total export value.

1.6. China Manganese Ores and Concentrates (HS: 2602) Export Trend Analysis, from Jan. to Dec. 2013

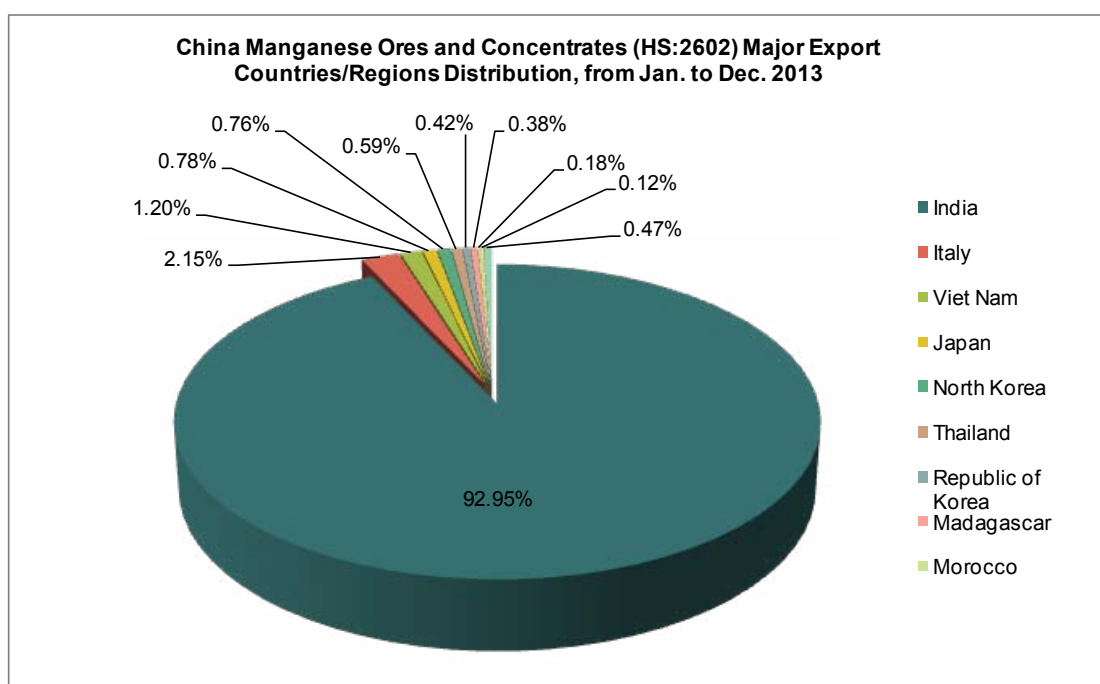
1.6.1. China Manganese Ores and Concentrates Export Volume and Value, from Jan. to Dec. 2013

Month	Volume (Kg)	Value (USD)	Year-on-Year	
			Volume	Value
Jan.	15,581,903	3,116,312	0	0.3%
Feb.	712,000	24,934	-96.4%	-99.4%
Mar.	17,180,340	3,315,208	218.2%	165.3%
Apr.	9,288,568	1,680,508	39.2%	8.5%
May.	6,662,687	1,106,628	-69.7%	-70.8%
Jun.	566,950	90,268	-94.5%	-96.5%
Jul.	20,000	3,250	-99.9%	-99.9%
Aug.	124,776	44,180	-83.2%	-71.4%
Sept.	98,030	43,698	-98.6%	-96.1%
Oct.	95,000	31,380	-98.3%	-96.5%
Nov.	184,000	34,000	-66.7%	-72.8%
Dec.	54,948	12,730	-99.6%	-99.5%
Total	50,569,202	9,503,096	-59.6	-60.3

The export volume of Chinese manganese ores and concentrates was 50.6 thousand tons, from Jan. to Dec. 2013, declined 59.6% year on year; the export value was 9.5031 million dollars, declined 60.3% year on year.

1.6.2. China Manganese Ores and Concentrates Major Export Countries/Regions Distribution, from Jan. to Dec. 2013

No.	Countries/ Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	India	45,064,498	8,833,825	-44.5%	-38%
2	Italy	1,053,000	204,455	-55.7%	-55.9%
3	Viet Nam	3,257,000	114,345	-91.5%	-98.6%
4	Japan	158,226	73,711	-1.1%	-9.9%
5	North Korea	185,500	71,890	-49.2%	-7.7%
6	Thailand	301,000	56,400	-71.8%	-72.8%
7	Republic of Korea	240,000	40,075	-7.7%	18.9%
8	Madagascar	120,000	36,000	0	0
9	Morocco	26,000	16,940	0	0
10	Bangladesh	37,948	11,134	406%	378.9%



The largest export market for Chinese manganese ores and concentrates is India. The total export value to India was 8.8338 million dollars, from Jan. to Dec. 2013, with a decrease of 38% year on year. Among the total export value of manganese ores and concentrates, it accounted for 92.95%, followed by Italy, which accounted for 2.15%.

Among the top ten export countries/ regions, from Jan. to Dec. 2013, the largest increase of volume and value were both in Bangladesh, increased 406% in volume and 378.9% in value year on year.

1.6.3. China Manganese Ores and Concentrates Original Places of Exported Goods, from Jan. to Dec. 2013

No.	Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Guangdong	45,078,498	8,835,225	-49.6%	-46.4%
2	Ningxia Hui Autonomous Region	1,053,000	204,455	-55.7%	-55.9%
3	Yunnan	3,261,000	115,656	0	0
4	Liaoning	185,500	71,890	209.2%	565.6%
5	Henan	342,000	68,679	-68.6%	-66.8%
6	Hunan	197,000	67,618	19.4%	-16.6%
7	Guangxi Zhuang Autonomous Region	258,776	59,426	-60.2%	-60.7%
8	Hebei	61,000	38,530	-14.1%	-7.6%
9	Guizhou	60,000	12,000	50%	66.7%
10	Heilongjiang	21,000	9,870	133.3%	133.3%

The major manganese ores and concentrates original places in China are Guangdong. From Jan. to Dec. 2013, the export volume of Guangdong accounted for 89.14% of the total export volume, and the export value of Guangdong accounted for 92.97% of the total export value.

1.7. China Coal (HS: 2701) Export Trend Analysis, from Jan. to Dec. 2013

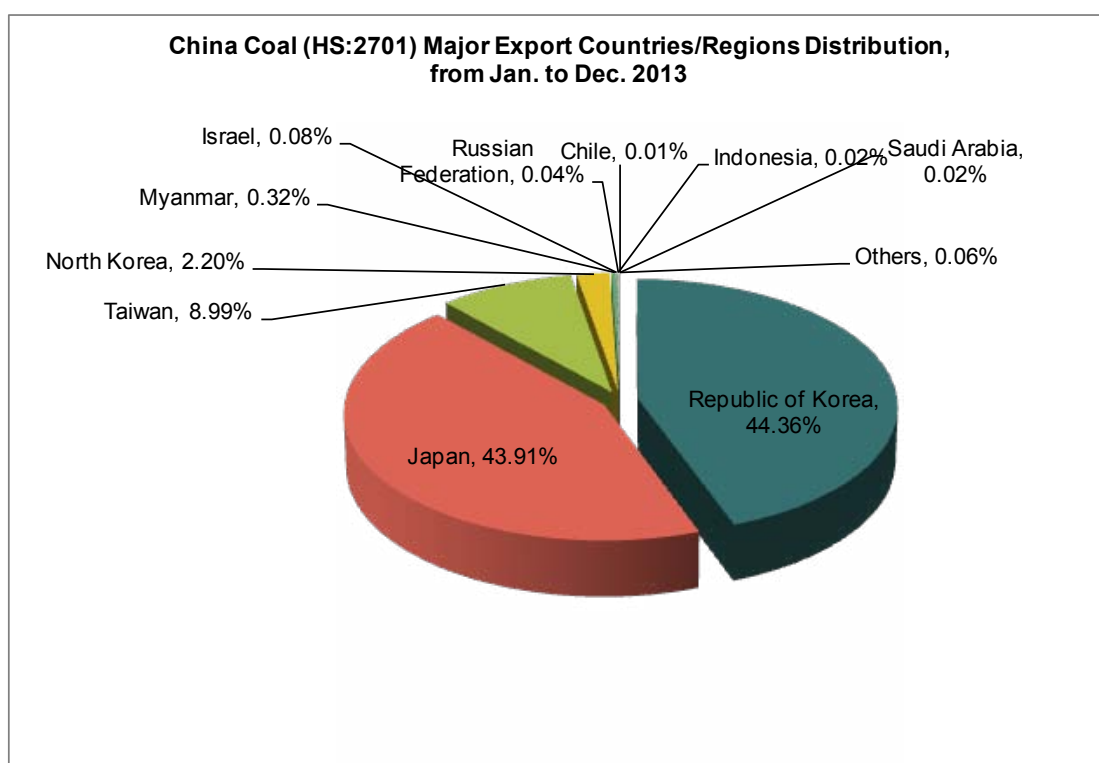
1.7.1. China Coal Export Volume and Value, from Jan. to Dec. 2013

Month	Volume (Kg)	Value (USD)	Year-on-Year	
			Volume	Value
Jan.	721,855,499	119,095,654	-28.2%	-35.3%
Feb.	531,464,588	78,979,336	-56.3%	-61.3%
Mar.	776,699,213	116,004,643	-20.2%	-32.2%
Apr.	810,941,971	117,948,447	-2%	-22.5%
May	737,531,417	107,625,096	-42.3%	-51.1%
Jun.	473,371,087	65,584,520	0.5%	-20.1%
Jul.	820,144,819	110,253,620	64.2%	27.4%
Aug.	512,320,719	65,621,779	-20.6%	-38.3%
Sept.	489,279,642	61,816,509	-7%	-32.1%
Oct.	403,935,254	55,818,527	-8.4%	-18.1%
Nov.	621,036,716	83,996,733	10.8%	-0.8%
Dec.	568,587,184	76,596,260	-30.6%	-43.6%
Total	7,467,168,109	1,059,341,124	-19.4%	-33.2%

The export volume of Chinese coal was 7.4672 million tons, from Jan. to Dec. 2013, declined 19.4% year on year; the export value was 9.5031 million dollars, declined 33.2% year on year.

1.7.2. China Coal Major Export Countries/Regions Distribution, from Jan. to Dec. 2013

No.	Countries/ Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Republic of Korea	3,354,368,651	469,958,010	-10.2%	-27.6%
2	Japan	3,121,118,938	465,106,415	-22.9%	-34.1%
3	Taiwan	834,672,000	95,189,877	-34.3%	-47.8%
4	North Korea	129,041,040	23,284,697	-25%	-40%
5	Myanmar	15,179,363	3,425,322	30%	11%
6	Israel	4,041,742	818,852	1878.5%	1543.2%
7	Russian Federation	3,450,000	434,137	0	0
8	Indonesia	1,387,466	218,893	-55.5%	-67.1%
9	Saudi Arabia	616,000	186,956	-52.7%	-36.1%
10	Chile	404,000	112,400	0	0



The largest export market for Chinese coal is Korea. The total export value to Korea was 470 million dollars, from Jan. to Dec. 2013, with a decrease of 27.6% year on year. Among the total export value of coal, it accounted for 44.36%, followed by Japan, which accounted for 43.91%.

Among the top ten export countries/ regions, from Jan. to Dec. 2013, the largest increase of volume and value were both in Israel, increased 1878.5% in volume and 1543.2% in value year on year.

1.7.3. China Coal Original Places of Exported Goods, from Jan. to Dec. 2013

No.	Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Beijing	1,614,294,274	291,954,988	-5.9%	-19.5%
2	Inner Mongolia Autonomous Region	1,941,663,835	225,930,978	26.1%	8.5%
3	Shanxi	1,578,496,233	208,269,207	-27.6%	-43.2%
4	Shandong	833,517,705	126,832,080	10.4%	-9.9%
5	Hebei	424,518,176	63,488,181	-49.7%	-61.5%
6	Shanxi	532,534,640	60,426,243	-73.6%	-78.6%
7	Liaoning	261,459,137	30,303,869	890.7%	582.1%
8	Tianjin	108,985,693	19,042,937	62.7%	38.2%
9	Henan	36,188,739	13,925,207	-29.5%	-37.6%
10	Guangxi Zhuang Autonomous Region	80,147,600	8,030,790	0	0

The major coal original places in China are Beijing, Inner Mongolia Autonomous Region, Shanxi and Shandong. From Jan. to Dec. 2013, the export volume of the above four provinces accounted for 79.92% of the total export volume, and the export value of the four provinces accounted for 80.52% of the total export value. Among them, the largest increase of export volume and value were both in Liaoning. The export volume was 261.5 thousand tons, increased 890.7% year on year; the export value was 30.3039 million dollars, increased 582.1%.

1.8. China Petroleum Oils (HS: 2709) Export Trend Analysis, from Jan. to Dec. 2013

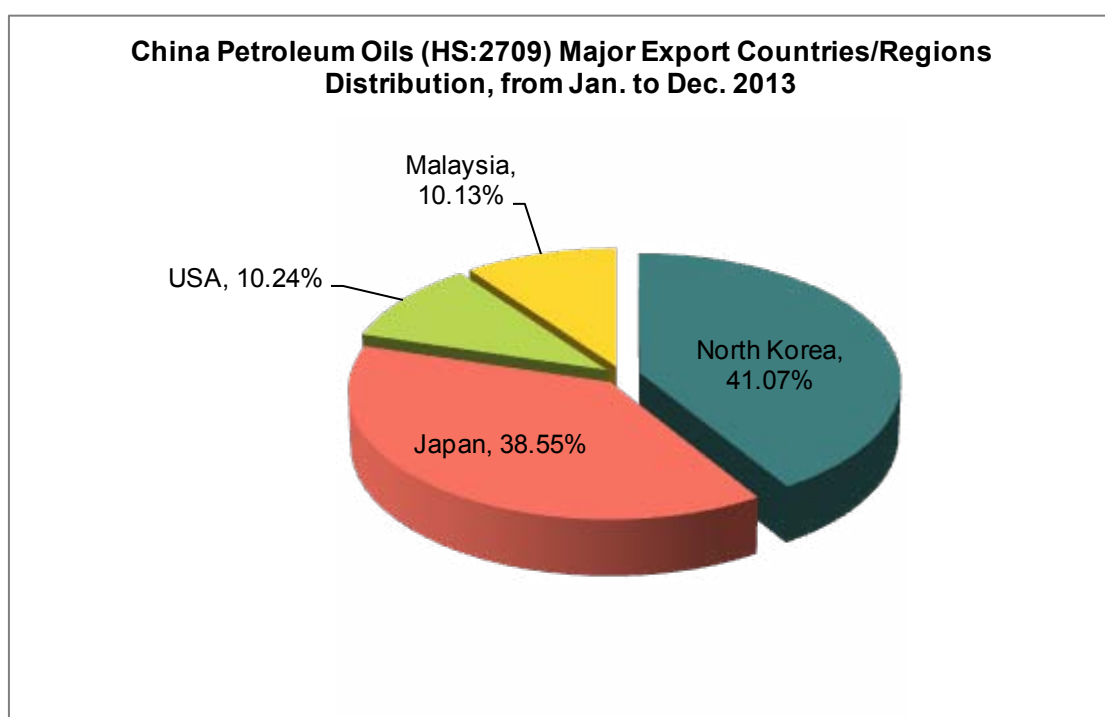
1.8.1. China Petroleum Oils Export Volume and Value, from Jan. to Dec. 2013

Month	Volume (Kg)	Value (USD)	Year-on-Year	
			Volume	Value
Jan.	277,827,097	242,299,402	-10.9%	-13.3%
Feb.	93,350,833	81,552,343	-78.2%	-77.9%
Mar.	271,307,983	256,464,898	32.2%	26.8%
Apr.	83,720,607	80,705,193	67.4%	32.3%
May	106,040,214	85,943,602	-40.1%	-52.4%
Jun.	33,766,679	28,215,437	-68.2%	-74.9%
Jul.	172,694,732	146,051,541	-18%	-22.4%
Aug.	213,793,307	185,899,595	12.8%	16.6%
Sept.	67,999,798	69,195,759	-66.7%	-60.7%
Oct.	107,307,824	96,814,368	-69.1%	-68.7%
Nov.	97,296,361	88,315,258	-19.2%	-19.9%
Dec.	92,222,837	94,751,115	10.5%	19.7%
Total	1,617,328,272	1,456,208,511	-33.6%	-34.6%

The export volume of Chinese petroleum oils was 1.6173 million tons, from Jan. to Dec. 2013, declined 33.6% year on year; the export value was 1.456 billion dollars, declined 34.6% year on year.

1.8.2. China Petroleum Oils Major Export Countries/Regions Distribution, from Jan. to Dec. 2013

No.	Countries/ Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	North Korea	578,001,810	598,133,947	10.5%	3.5%
2	Japan	646,406,352	561,358,052	-51.6%	-52%
3	USA	199,260,656	149,176,106	0	-13.7%
4	Malaysia	193,659,413	147,540,326	5.2%	2.5%
5	Singapore	41	80	-100%	-100%



The largest export market for Chinese petroleum oils is North Korea. The total export value to North Korea was 598 million dollars, from Jan. to Dec. 2013, with an increase of 3.5% year on year. Among the total export value of petroleum oils, it accounted for 41.07%, followed by Japan, which accounted for 38.55%.

The exports of petroleum oils to Singapore were very small both in volume and value, and only 80 dollars in 2013.

1.8.3. China Petroleum Oils Original Places of Exported Goods, from Jan. to Dec. 2013

No.	Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Zhejiang	695,551,130	598,404,649	-38%	-39.5%
2	Heilongjiang	578,001,810	598,133,947	10.5%	3.5%
3	Guangdong	210,065,963	164,351,857	58.2%	46.3%
4	Tianjin	73,810,370	50,075,074	-66.5%	-69.5%
5	Shandong	38,967,579	31,861,104	-78%	-79.3%
6	Liaoning	20,931,379	13,381,800	-83.2%	-86.7%
7	Beijing	41	80	583.3%	900%

The major petroleum oils original places in China are Zhejiang, Heilongjiang, and Guangdong. From Jan. to Dec. 2013, the export volume of the above three provinces accounted for 91.73% of the total export volume, and the export value of the three provinces accounted for 93.45% of the total export value.

1.9. China Solar Cells (HS: 85414020) Export Trend Analysis, from Jan. to Dec. 2013

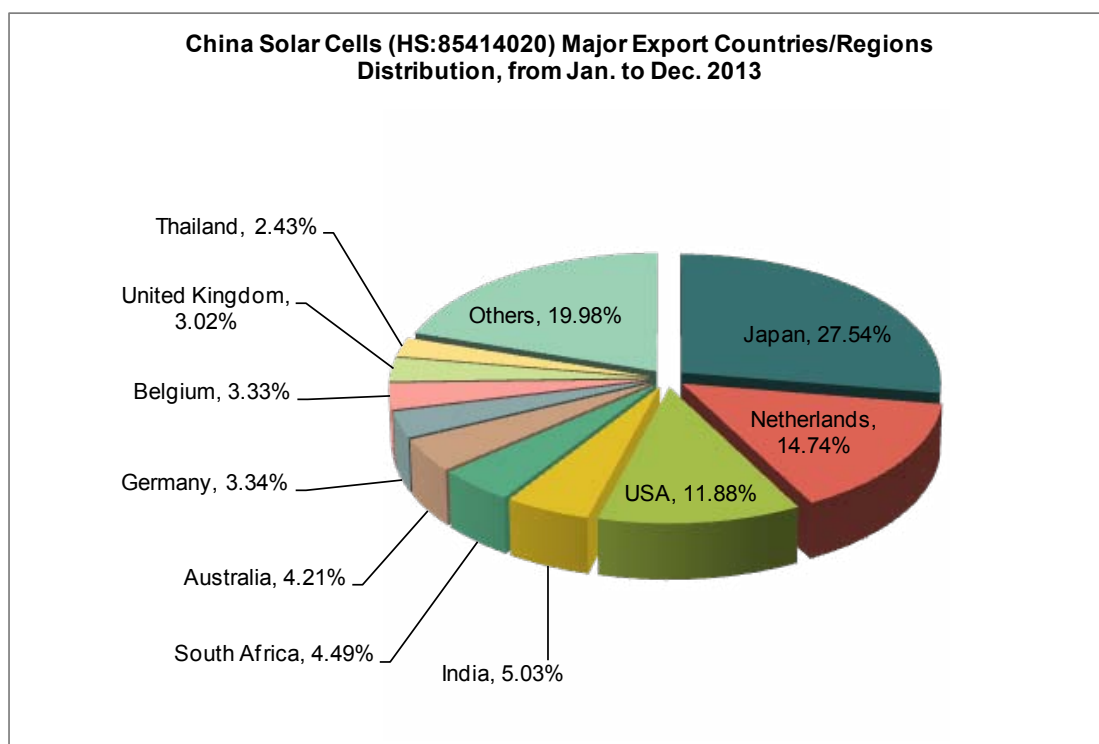
1.9.1. China Solar Cells Export Volume and Value, from Jan. to Dec. 2013

Month	Volume (Kg)	Value (USD)	Year-on-Year	
			Volume	Value
Jan.	29,206,312	883,955,942	45%	-16.6%
Feb.	34,398,736	782,299,791	81.2%	-14.2%
Mar.	38,174,352	869,613,205	61.2%	-37.6%
Apr.	39,852,236	990,078,705	44.4%	-39.4%
May	52,406,766	844,891,553	35.6%	-54.6%
Jun.	57,379,099	833,588,655	34.2%	-28.6%
Jul.	67,595,447	920,769,444	55.4%	-17.7%
Aug.	55,347,381	756,309,944	45.1%	-17.6%
Sept.	55,611,725	828,927,115	110.2%	6.5%
Oct.	55,860,331	820,277,029	120.9%	30.6%
Nov.	57,139,708	806,853,169	101.4%	17.2%
Dec.	44,930,338	814,269,229	39.3%	28.9%
Total	587,902,431	10,151,833,781	60.7%	-20.6%

The export volume of Chinese solar cells was 588 million pieces, from Jan. to Dec. 2013, increased 60.7% year on year; the export value was 10.152 billion dollars, decreased 20.6% year on year.

1.9.2. China Solar Cells Major Export Countries/Regions Distribution, from Jan. to Dec. 2013

No.	Countries/ Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Japan	84,216,542	2,796,275,424	173.4%	213.1%
2	Netherlands	10,169,796	1,496,724,745	-59.1%	-60.9%
3	USA	39,206,265	1,206,182,497	91.9%	-14%
4	India	84,168,333	510,191,020	207.7%	163.3%
5	South Africa	18,511,573	455,704,292	811.4%	1102.5%
6	Australia	3,461,956	427,205,283	-42.3%	-42.4%
7	Germany	32,139,962	338,896,307	-24.4%	-78.6%
8	Belgium	2,101,409	338,199,172	-62.8%	-66%
9	United Kingdom	29,289,914	307,069,840	118.1%	46.9%
10	Thailand	1,717,443	246,676,761	-21%	17.3%



The largest export market for Chinese solar cells is Japan. The total export value to Japan was 2.796 billion dollars, from Jan. to Dec. 2013, with an increase of 213.1% year on year. Among the total export value of solar cells, it accounted for 27.54%, followed by Netherlands, which accounted for 17.74%. USA ranked the third place, which accounted for 11.88%.

Among the top ten export countries/ regions, from Jan. to Dec. 2013, the largest increase of volume and value were both in South Africa, increased 811.4% in volume and 1102.5% in value year on year.

1.9.3. China Solar Cells Original Places of Exported Goods, from Jan. to Dec. 2013

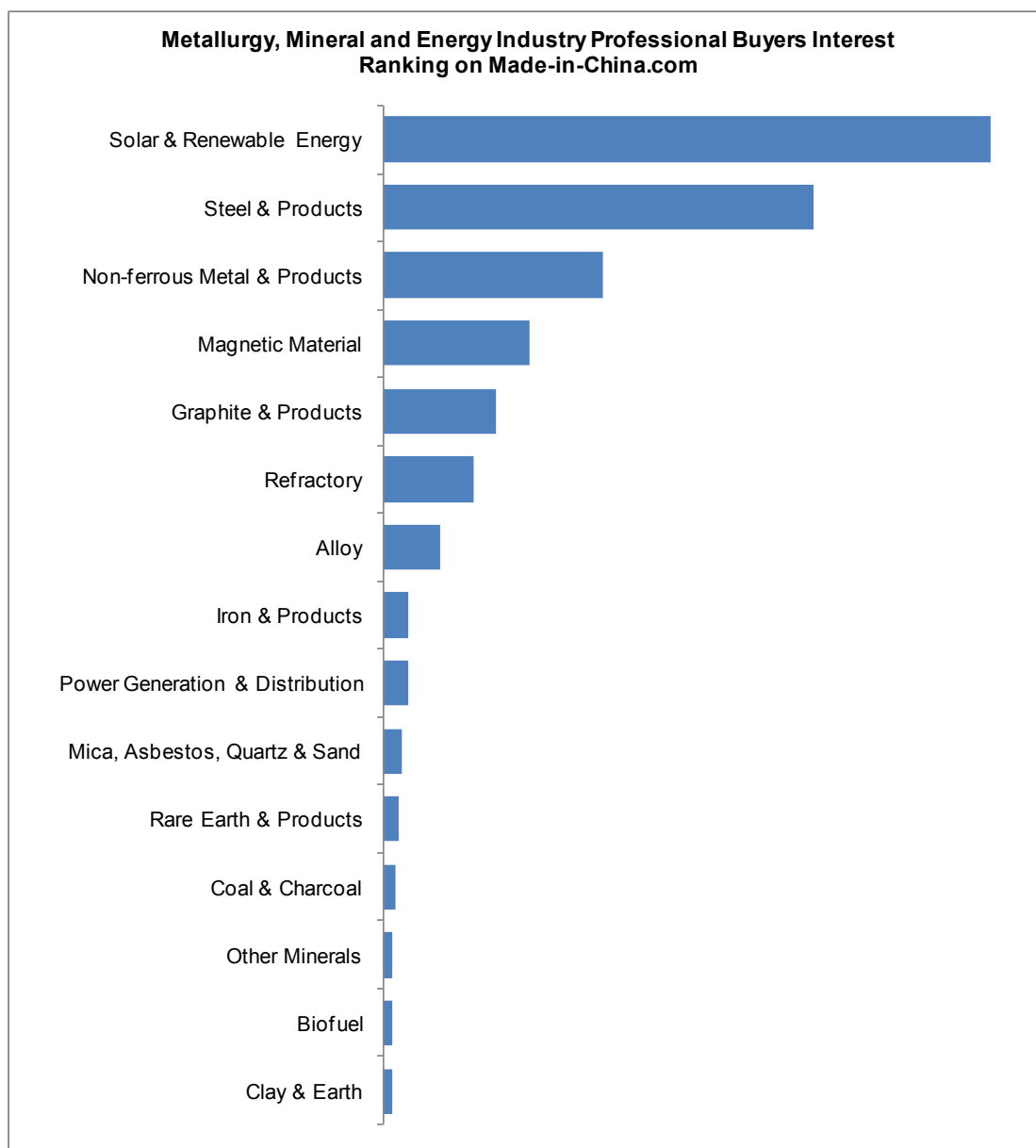
No.	Regions	Volume (Kg)	Value (USD)	Year-on-Year	
				Volume	Value
1	Jiangsu	433,897,025	5,964,543,934	89.2%	-22.1%
2	Zhejiang	30,675,041	1,086,302,602	7.8%	-29.9%
3	Shanghai	10,828,056	755,630,173	-24.7%	-37.9%
4	Jiangxi	9,418,435	640,251,366	16.4%	26.6%
5	Tianjin	2,612,768	476,259,946	72.8%	33.3%
6	Guangdong	13,348,039	344,972,912	-9.7%	-25.9%
7	Liaoning	12,939,143	174,996,589	-17.6%	297.5%
8	Shandong	1,702,205	160,023,296	-47.2%	-45.9%
9	Hebei	35,973,424	151,135,373	35.5%	-17.1%
10	Henan	1,824,503	145,623,451	42.5%	4.6%

The major solar cells original places in China are Jiangsu and Zhejiang. From Jan. to Dec. 2013, the export volume of the above two provinces accounted for 79.02% of the total export volume, and the export value of the two provinces accounted for 69.45% of the total export value. Among them, the largest increase of export volume was in Jiangsu, increased 89.2% year on year; the largest increase of export value was in Liaoning, increased 297.5% year on year.

(Source: China Customs)

2. Metallurgy, Mineral and Energy Industry Data Analysis of Made-in-China.com

2.1. Metallurgy, Mineral and Energy Industry Professional Buyers Interest Ranking on Made-in-China.com

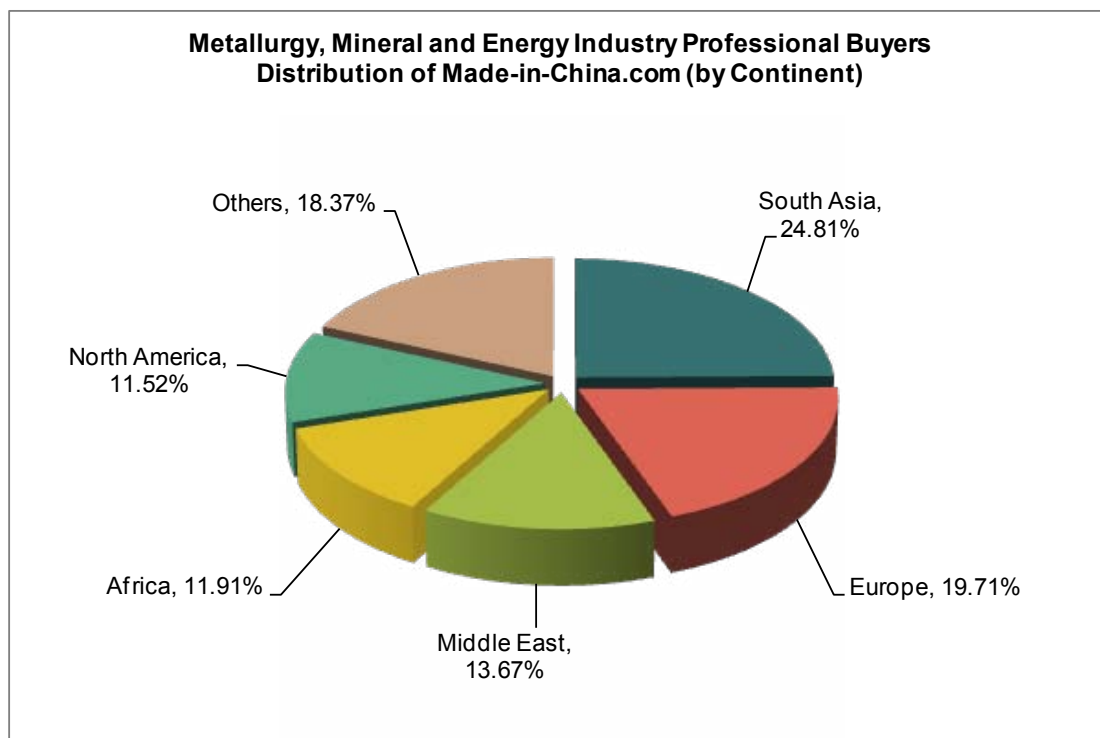


According to click rate statistics on Made-in-China.com from Jan. to Dec. 2013, buyers pay the most attention to products of Solar & Renewable Energy category, followed by Steel & Products category.

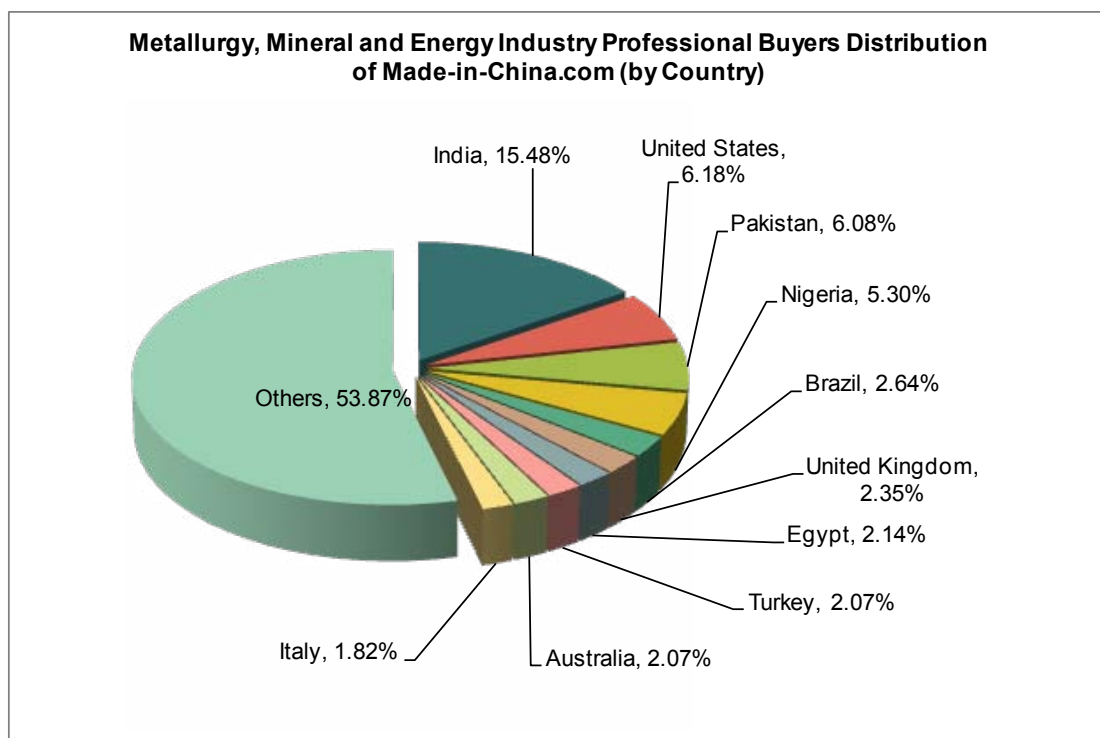
2.2. Metallurgy, Mineral and Energy Industry Professional Buyers Distribution of Made-in-China.com (By Inquiries)

Statistics Time: Jan. to Dec. 2013

by Continent:



by Country:



From Jan. to Dec. 2013, inquiries of metallurgy, mineral and energy industry on Made-in-China.com are mainly from India, USA and Pakistan. Among them, inquiries from India accounted for 15.48% of the total inquiries of this industry. According to statistics by continent, all the inquiries of metallurgy, mineral and energy industry on Made-in-China.com are mainly from South Asia, Europe, the Middle East, Africa and North America.

(Source: Made-in-China.com)

The IAR Team of Made-in-China.com dedicates to surveying,excavating and collating industry information for supplying the service of timely and exact information analysis, providing necessary information and dates for clients'decision.

Thanks for reading the report, if you have any questions,opinions or advices, please contact us.

Name: Ms. Zhang Li *E-mail:* iar@made-in-china.com

Web: <http://www.made-in-china.com/communication/market-analysis.html>



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