

The Industrial Market for Rare Earths

Element	Application	Rare Earth Oxide Consumption 2006	Rare Earth Oxide Consumption 2012 Est.
Cerium, Lanthanum, Neodymium, Praseodymium	Battery Alloys	17,000	43,000
Dysprosium, Neodymium, Praseodymium, Samarium, Terbium	Magnets	20,500	42,000
Cerium, Lanthanum, Neodymium	Catalysts	21,500	32,000
Cerium, Lanthanum, Praseodymium	Polishing Powders	14,000	21,000
Europium, Terbium, Yttrium	Phosphors	8,500	14,000
	Ceramics	5,500	9,000
	Other	8,000	13,000
Cerium, Europium, Gadolinium, Lanthanum, Neodymium, Ytterbium	Glass Additives	13,000	14,000
Total Rare Earth Oxide Consumption		108,000 Tons	188,000 Tons
Chinese Rare Earth Mine Production		119,000 Tons	N/A
Total Rare Earth Mine Production		123,000 Tons	N/A

Source: US Geological Survey; Roskill HK Rare Earth Conference 2007

China produces 97% of global Rare Earth metal output.