

Major rare earth metals producer countries

625. SHRI DEVENDER GOUD T. : Will the PRIME MINISTER be pleased to state:

- (a) the details of countries which are producing major earth metals;
- (b) the details of rare earth metals produced and exported in the country during the last ten years, year-wise, metal-wise and country-wise;
- (c) in the light of China's decision to curb export of rare earth metals, particularly to Japan, how India is planning to push up its production of rare earth metals and fill the gap created by China; and
- (d) whether the Ministry is planning to enter into an agreement with Japan during Prime Minister's visit to Japan?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY): (a) No metals are grouped under major earth metals. However, the major rare earth metals producing countries are China, Japan and USA.

(b) The data in respect of the import of rare earth metals in the country is maintained by Department of Commerce in the Ministry of Commerce and Industry. As per the data supplied by the Directorate General of Commercial Intelligence and Statistics (DGCIS), the rare earth metals (ITC-HS Code 28053000) imported in the country during the last ten years, year-wise and country-wise is given in the Statement (*See below*).

(c) Indian Rare Earths Limited (IREL), a Public Sector Undertaking under the Department of Atomic Energy, is establishing a Monazite Processing Plant (MoPP) with a capacity of 11,000 tonnes of mixed Rare Earth Chloride (RECL). IREL along with Bhabha Atomic Research Centre, Defence Metallurgical Research Laboratory (DMRL) and International Advanced Research Centre for Powder Metallurgy and New Material (ARCI) are working to produce rare earths metals and permanent magnets.

(d) Department of Atomic Energy, Government of India and the Ministry of Economy, Trade and Industry (METI) of Japan have signed a memorandum on 16.11.2012 on cooperation in development of rare earths industry in India.

Statement*India's import of rare earth materials (ITCHS_28053000)*

	Year 12-13 up to August	
Australia	50 Kgs	266446
Belgium	6 Kgs	15158
China P RP	104052 Kgs	141204516
Germany	12 Kgs	28396
Hong Kong	10000 Kgs	13336616
Ireland	18 Kgs	18778
Italy	600 Kgs	343658
U.K	750 Kgs	595516
USA	Kgs	3869392

India's import of rare earth materials (ITCHS_28053000)

	Year: 2011-12		
Country	Quantity	Unit	Value (INR)
Australia	0	Kgs	166684
Belgium	2642	Kgs	6870436
China P RP	165161	Kgs	223255409
Germany	518	Kgs	165574
Italy	600	Kgs	320720
Sri Lanka DSR	3000	Kgs	10510500
Switzerland	1	Kgs	2970
Taiwan	2	Kgs	5722
U.K	2000	Kgs	1147791
USA	9409	Kgs	4096140

India's import of rare earth materials (ITCHS_28053000)

Country	Year: 2010-11		
	Quantity	Unit	Value (INR)
Belgium	2	Kgs	4438
China P RP	292117	Kgs	142455522
Germany	172	Kgs	55812
Italy	600	Kgs	303160
Poland	100	Kgs	29882
Singapore	3	Kgs	10546
Sweden	125	Kgs	247899
UK	1368	Kgs	627743
USA	853	Kgs	1318806

India's import of rare earth materials (ITCHS_28053000)

Country	Year : 2009-10		
	Quantity	Unit	Value (INR)
Canada	2	Kgs	18879
China P RP	297170	Kgs	94868765
Germany	897	Kgs	122230
Korea RP	10100	Kgs	2913707
UK	1137	Kgs	218143
USA	67	Kgs	591967

India's import of rare earth materials (ITCHS_28053000)

Country	Year: 2008-09		
	Quantity	Unit	Value (INR)
China P RP	285031	Kgs	69295439

Year: 2008-09			
Country	Quantity	Unit	Value (INR)
Germany	374	Kgs	80150
Sweden	390	Kgs	31213
UK	1134	Kgs	625903
USA	883	Kgs	292452

India's import of rare earth materials (ITCHS_28053000)

Year : 2007-08			
Country	Quantity	Unit	Value (INR)
Austria	100	Kgs	90788
Belgium	20	Kgs	9949
China P RP	225477	Kgs	36335749
France	12000	Kgs	909818
Germany	2135	Kgs	4526499
Russia	20800	Kgs	3460350
U K	62	Kgs	17301
USA	740	Kgs	636969

India's import of rare earth materials (ITCHS_28053000)

Year: 2006-07			
Country	Quantity	Unit	Value (INR)
Austria	100	Kgs	90788
Belgium	20	Kgs	9949
China P RP	225477	Kgs	36335749
France	12000	Kgs	909818
Germany	2135	Kgs	4526499
Russia	20800	Kgs	3460350
UK	62	Kgs	17301
USA	740	Kgs	636969

India's import of rare earth materials (ITCHS_28053000)

Country	Year: 2005-06		
	Quantity	Unit	Value (INR)
Belgium	113	Kgs	15894
China P RP	227598	Kgs	27820450
Germany	90	Kgs	27966
USA	233	Kgs	767861

India's import of rare earth materials (ITCHS_28053000)

Country	Year: 2004-05		
	Quantity	Unit	Value (INR)
Belgium	105	Kgs	15098
Canada	250	Kgs	274085
China P RP	190342	Kgs	24642189
Germany	257	Kgs	58517
Sweden	50	Kgs	109864
USA	153	Kgs	48879

India's import of rare earth materials (ITCHS_28053000)

Country	Year: 2003-04		
	Quantity	Unit	Value (INR)
Belgium	17	Kgs	9130
Canada	125	Kgs	62368
China P RP	165409	Kgs	20207823
UK	45	Kgs	96040
USA	116	Kgs	180034

India's import of rare earth materials (ITCHS_28053000)

Country	Year: 2002-03		
	Quantity	Unit	Value (INR)
Australia	100	Kg	93796
Chile	4400	Kg	970940
China P RP	93400	Kg	13342452
Germany	75	Kg	906183
Switzerland	17003	Kg	2960788
UK	830	Kg	172963
USA	20	Kg	49029

Problems in installation of AREVAS reactors

626. SHRI P. RAJEEVE : Will the PRIME MINISTER be pleased to state:

(a) whether Government has decided to import AREVAS Reactors for Jaitapur Nuclear plant;

(b) if so, give the details;

(c) whether these reactors are fully built and commissioned anywhere in the world;

(d) whether safety and design problems have been reported in other countries like Finland at the time of its installation;

(e) if so, the details thereof; and

(f) the steps taken by the Ministry to address this issue?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY): (a) and (b) An Inter-Governmental Agreement (IGA) for civil Nuclear co-operation was signed between India and France on September 30, 2008. Pursuant to the IGA, a Memorandum of Understanding (MoU) was signed between Nuclear Power Corporation of India Limited (NPCIL) and AREVA on February 4, 2009, which provides for engaging both the sides into discussions for supply of two 1650 MWe EPR Units to be built at Jaitapur Site, Maharashtra together with