

TABLE 28

RE Principal Growth by Application – 1988

	Unit	Principal RE Used	1988	Growth Rate (%)
Colour TV picture tubes	Thousand	Y, Eu, Ce, Tb, La	26 000	5
Industrial-use TV picture tubes	Thousand	Ce	12 000	20
Fluorescent lights	Million	Y, Tb	360	20
Mercury lights, etc.	Million	Y, Eu	6	7
Ceramic condensers	Million	La, Nd, Sm	63 000	17
Rare earth magnets	Ton	Sm, Ce, Nd	1 070	40
Fine ceramics	¥ million	Y, Ce, La	39 500	20
Video cameras	Thousand	Sm, Nd	6 600	45
Plain paper copier	Thousand	La, Yb, Y	2 305	4
Optical glass base materials	Ton	La, Yb, Y	11 000	18
Cast-iron for machinery	Ton	Misch metal	1 166 303	18

Source: *Kogyo Rare Metal Magazine*.