

Japanese Inventory of Separated Plutonium at 31 December 2007

Held in Japan (Quantities shown are kgPu. Amounts shown in brackets are for 2006.)

Reprocessing Facilities	JAEA (Tokai)	JNFL (Rokkasho)	Total
Plutonium nitrate etc. (after dissolution up to, but not including, storage in containers as plutonium oxide)	675 (643)	865 (640)	1,540 (1,283)
Plutonium oxide (stored in containers as plutonium oxide)	120 (173)	1,747 (97)	1,867 (270)
Total Plutonium	795 (817)	2,612 (737)	3,407 (1,554)
Total Fissile Plutonium	531 (560)	1,721 (512)	2,251 (1,072)

JAEA Plutonium Fuel Fabrication Plant	
Plutonium oxide (stored plutonium in plutonium oxide containers)	2,764 (2,685)
Plutonium in test or fabrication stage	895 (862)
New fuel etc. (stored as finished fuel assemblies etc.)	303 (297)
Total Plutonium	3,962 (3,845)
Total Fissile Plutonium	2,761 (2,680)

Nuclear Reactor Facilities	Joyo	Monju	Fugen	Commercial Reactors	R&D facilities
Nuclear Reactor Facilities (held as new fuel etc.)	126 (128)	367 (367)	0 (0)	415 (415)	444 (444)
Total Plutonium	1,352 (1,354)				
Total Fissile Plutonium	1,007 (1,009)				
Total Plutonium	8,721 (6,753)				
Total Fissile Plutonium	6,019 (4,761)				

Held Overseas (Quantities shown are tPu. Amounts shown in brackets are for 2006.)

Recovered in UK	11.3 (11.4)
Recovered in France	13.9 (14.0)
Total	25.2 (25.3)

NB: Figures only available for fissile plutonium held overseas. Note that the quantity is shown in tons.

Separated plutonium in use from January-December 2007 (kgPu)

Reprocessing Plant	JAEA (Tokai)	JNFL (Rokkasho)	Total
Plutonium oxide recovered	77 (176)	1,650 (97)	1,727 (273)
	Monju, Joyo, Fugen, etc.		
Plutonium in fuel fabrication processes	53 (1)		
Plutonium loaded in nuclear reactors	23 (57)		