

Japanese Inventory of Separated Plutonium at 31 December 2008

Held in Japan (Quantities shown are kgPu. Amounts shown in brackets are for 2007.)

Reprocessing Facilities	JAEA (Tokai)	JNFL (Rokkasho)	Total
Plutonium nitrate etc. (after dissolution up to, but not including, storage in containers as plutonium oxide)	674 (675)	276 (865)	950 (1,540)
Plutonium oxide (stored in containers as plutonium oxide)	106 (120)	3,329 (1,747)	3,435 (1,867)
Total Plutonium	780 (795)	3,604 (2,612)	4,384 (3,407)
Total Fissile Plutonium	520 (531)	2,344 (1,721)	2,864 (2,251)

JAEA Plutonium Fuel Fabrication Plant	
Plutonium oxide (stored plutonium in plutonium oxide containers)	2,495 (2,764)
Plutonium in test or fabrication stage	1,047 (895)
New fuel etc. (stored as finished fuel assemblies etc.)	78 (303)
Total Plutonium	3,620 (3,962)
Total Fissile Plutonium	2,515 (2,761)

Nuclear Reactor Facilities	Nuclear Reactor Facilities				R&D facilities
	Joyo	Monju	Fugen	Commercial Reactors	
Nuclear Reactor Facilities (held as new fuel etc.)	134 (126)	699 (367)	0 (0)	415 (415)	444 (444)
Total Plutonium	1,692 (1,352)				
Total Fissile Plutonium	1,247 (1,007)				
Total Plutonium	9,696 (8,721)				
Total Fissile Plutonium	6,625 (6,019)				

Held Overseas (Quantities shown are kgPu. Amounts shown in brackets are for 2007.)

(To be fabricated into MOX fuel overseas and used in Japan's light water reactors.)

Recovered in UK	11,380 (11,332)
Recovered in France	13,832 (13,886)
Total	25,212 (25,218)

NB: Figures only available for fissile plutonium held overseas.

Separated plutonium in use from January-December 2008

(Quantities shown are kgPu. Amounts shown in brackets are for 2007.)

Reprocessing Plant	JAEA (Tokai)	JNFL (Rokkasho)	Total
Plutonium oxide recovered	0 (77)	1,582 (1,650)	1,583 (1,727)
Monju, Joyo, Fugen, etc.			
Plutonium in fuel fabrication processes	284 (51)		
Plutonium loaded in nuclear reactors	0 (23)		