

Japanese Holdings of Separated Plutonium at 31 December 2006

Held in Japan: Quantities shown are kgPu (amounts shown in bracket are for 2005)

Reprocessing Facilities	JAEA (Tokai)	JNFL (Rokkasho)	Quantity
Plutonium nitrate etc. (processes from dissolving up to, but not including, placement in storage containers for storage as plutonium oxide)	643 (660)	640 (0)	1,283 (660)
Plutonium oxide (stored in storage containers as plutonium oxide)	173 (164)	97 (0)	270 (164)
Total Plutonium	817 (824)	737 (0)	1,554 (824)
Total Fissile Plutonium	560 (565)	512 (0)	1,072 (565)

JAEA MOX Fuel Fabrication Facility		Quantity
Plutonium oxide (stored in storage containers as plutonium oxide)		2,685 (2,526)
Testing and fabrication stage		862 (863)
Newly fabricated fuel (held as completed fuel assemblies etc.)		297 (338)
Total Plutonium		3,845 (3,727)
Total Fissile Plutonium		2,680 (2,603)

Nuclear Reactor Facilities	Joyo	Monju	Fugen	Power reactors in use	Research and development facilities
Nuclear Reactor Facilities (held as new fuel etc.)	128 (145)	367 (367)	0 (0)	415 (415)	444 (445)
Total Plutonium	1,354 (1,372)				
Total Fissile Plutonium	1,009 (1,021)				

Total Plutonium	6,753 (5,923)
Total Fissile Plutonium	4,761 (4,188)

Held Overseas: Quantities shown are kgPuf (amounts shown in bracket are for 2005)

Separated Plutonium Held in UK	11,363 (11,395)
Separated Plutonium Held in France	13,966 (14,022)
Total Separated Plutonium Held Overseas	25,329 (25,417)

NB: Figures were only given for fissile plutonium held overseas. It is not clear why, but this year figures were not given for total plutonium held overseas.

Plutonium Use January-December 2006

	JAEA (Tokai)	JNFL (Rokkasho)	Quantity
Plutonium Oxide Recovered (from plutonium nitrate solution)	176 (161)	97 (0)	273 (161)
Monju, Joyo, Fugen, etc.			
Amount used in fuel fabrication process (moved from raw material storage area to fuel fabrication area)	1 (183)		
Amount loaded into nuclear reactor facilities	57 (35)		