

## Japanese Inventory of Separated Plutonium at 31 December 2009

**Held in Japan** (Quantities shown are kgPu. Amounts shown in brackets are for the end of 2008.)

Reprocessing Facilities	JAEA (Tokai)	JNFL (Rokkasho)	Total
Plutonium nitrate etc. (after dissolution up to, but not including, storage in containers as mixed oxide)	673 (674)	279 (276)	952 (950)
Plutonium oxide (stored in containers as mixed oxide)	103 (106)	3,329 (3,329)	3,432 (3,435)
<b>Total Plutonium</b>	<b>777 (780)</b>	<b>3,607 (3,604)</b>	<b>4,384 (4,384)</b>
<b>Total Fissile Plutonium</b>	<b>517 (520)</b>	<b>2,346 (2,344)</b>	<b>2,863 (2,864)</b>

JAEA Plutonium Fuel Fabrication Plant	
Plutonium oxide (stored plutonium in plutonium oxide containers)	2,304 (2,495)
Plutonium in test or fabrication stage	1,008 (1,047)
New fuel etc. (stored as finished fuel assemblies etc.)	171 (78)
<b>Total Plutonium</b>	<b>3,483 (3,620)</b>
<b>Total Fissile Plutonium</b>	<b>2,420 (2,515)</b>

Nuclear Reactors and Other Facilities	Joyo	Monju	Fugen	Commercial Reactors	R&D facilities
Unirradiated new fuel at reactor sites etc.	134 (134)	161 (699)	0 (0)	1,458 (415)	443 (444)
<b>Total Plutonium</b>	<b>2,196 (1,692)</b>				
<b>Total Fissile Plutonium</b>	<b>1,589 (1,247)</b>				

<b>Total Plutonium</b>	<b>10,063 (9,696)</b>
<b>Total Fissile Plutonium</b>	<b>6,871 (6,625)</b>

**Held Overseas** (Quantities shown are kgPu. Amounts shown in brackets are for the end of 2008.)  
(To be fabricated into MOX fuel overseas and used in Japan's light water reactors.)

Recovered in UK	11,531 (11,380)
Recovered in France	12,599 (13,832)
<b>Total</b>	<b>24,130 (25,212)</b>

NB: Figures only available for fissile plutonium held overseas.

## Separated Plutonium in Use from January-December 2009

(Quantities shown are kgPu. Amounts shown in brackets are for the end of 2008.)

Reprocessing Plant	JAEA (Tokai)	JNFL (Rokkasho)	Total
Plutonium oxide recovered	0 (0)	0 (1,582)	0 (1,583)
Plutonium in fuel fabrication processes (Monju, Joyo, Fugen, etc.)			191 (284)
Plutonium loaded in nuclear reactors			1,345 (0)