

Fig. 1: State and location of separated plutonium (as of end of Dec. 2021) (UNIT: kg)											
		2017		2018		2019		2020		2021	
1) Separated plutonium held in Japan		JNFL	JAEA	JNFL	JAEA	JNFL	JAEA	JNFL	JAEA	JNFL	JAEA
Tokai Reprocessing Plant	Plutonium nitrate	275	26	274	28	274	28	273	26	272	24
	Plutonium oxide	3,329	233	3,329	167	3,329	167	3,329	167	3,329	167
	Total	3,604	259	3,603	195	3,603	195	3,602	193	3,602	192
	Total fissile plutonium	2,342	169	2,341	128	2,341	128	2,340	126	2,339	125
Tokai MOX Fuel Fabrication Plant	Plutonium oxide		2,479		2,559		2,574		2,595		2,682
	Testing and fabrication stage		928		913		898		874		785
	Fabricated fuel		446		446		446		446		446
	Total		3,854		3,919		3,918		3,916		3,913
	Total fissile plutonium		2,659		2,701		2,700		2,698		2,696
Inside nuclear reactors and other facilities	Joyo	134		134		134		134		134	
	Monju	282		282		280		280		279	
	Power reactors in use	2,300		776		616		616		1,046	
	R&D	113		113		113		113		113	
	Total	2,829		1,305		1,143		1,143		1,573	
	Total fissile plutonium	1,880		904		799		799		1,065	
Total		10,546		9,022		8,860		8,854		9,279	
Total fissile plutonium		7,050		6,073		5,968		5,964		6,226	
2) Separated Plutonium held overseas											
UK: Total plutonium		21,232		21,205		21,180		21,805		21,780	
UK :Total fissile plutonium		14,226		14,199		14,173		14,528		14,504	
France: Total plutonium		15,486		15,460		15,435		15,411		14,760	
France: Total fissile plutonium		10,039		10,013		9,988		9,965		9,541	
Total plutonium		36,718		36,666		36,615		37,216		36,540	
Total fissile plutonium		24,265		24,212		24,161		24,493		24,045	
3) Separated Plutonium in use											
Supply	Domestic separated plutonium	0	0	0	0	0	0	0	0	0	0
	Transferred from overseas	0		0		0		0		0	
Loaded (Irradiated)	Monju etc.	0		0		0		0		0	
	Reactors	0		1,524		160		0		198	