## Status of World Nuclear Forces 2007<sup>a</sup>

			<b>Total Warheads</b>	
Country	Strategic Warheads	<b>Tactical Warheads</b>	(operational)	(stockpile)
Russia	3,239	2,330	5,569	$14,000^{b}$
United States	3,575	$500^c$	4,075	$5,400^{d}$
China	~145 <sup>e</sup>	$?^e$	~145 <sup>e</sup>	~200 <sup>e</sup>
France	348	n.a.	348	>348 <sup>f</sup>
United Kingdom	~160 <sup>g</sup>	n.a.	$< 160^{g}$	~200
Israel	$\sim 80^{h}$	n.a. <sup>h</sup>	n.a. <sup>h</sup>	~80
Pakistan	$\sim 60^h$	n.a. <sup>h</sup>	n.a. <sup>h</sup>	~60
India	$\sim 50^{h}$	n.a. <sup>h</sup>	n.a. <sup>h</sup>	~50
(North Korea)	$< 10^{i}$	n.a. <sup>i</sup>	n.a. <sup>i</sup>	$< 10^{i}$
Total	7,667 <sup><i>j</i></sup>	<b>2,830</b> <sup><i>j</i></sup>	>10,297 <sup>j</sup>	~20,348 <sup>j</sup>

<sup>a</sup> The estimates are based on work published in the <u>Nuclear Notebook</u> co-authored with Robert Norris in the *Bulletin* of the Atomic Scientists, the nuclear appendix in the <u>SIPRI Yearbook</u> co-authored with Shannon Kile and others, and the <u>FAS Strategic Security Blog</u>. This table is updated continuously as new information becomes available.

<sup>b</sup> The exact size and composition of the Russian stockpile is uncertain but based on Cold War levels and subsequent dismantlement rates. Some of the non-operational weapons are thought to be in reserve while others await dismantlement.

<sup>c</sup> Several hundred, probably including some inactive warheads, are <u>deployed in Europe</u>.

<sup>d</sup> An additional estimated 5,000 reserve warheads were formally removed from the DOD stockpile by the end of 2007. For now they largely remain at their bases but will be moved to central storage before 2012 and dismantled by 2023. In addition, more than 12,000 plutonium pits and some 5,000 Canned Assemblies (secondaries) are in storage.

<sup>e</sup> Many strategic warheads are for regional use. The status of a Chinese non-strategic nuclear arsenal is uncertain. Some deployed warheads may not be fully operational. Additional warheads are in storage, for a total stockpile of approximately 200 warheads.

<sup>*f*</sup> Like other nuclear powers, France probably has a reserve of inactive warheads.

<sup>g</sup> Only 50 missiles are left, for a maximum of 150 warheads. "Less than 160" warheads are said to be "operationally available," but a small number of spares probably exist too. Forty-eight missiles are needed to arm three SSBNs with a maximum of 144 warheads. One submarine with "up to 48 warheads" is on patrol at any given time. In addition to the operationally available warheads, Britain probably has an inactive reserve.

 $^{h}$  All warheads of the four lesser nuclear powers are considered strategic. Only some of these may be operational.

<sup>*i*</sup> There is no publicly available evidence that North Korea has operationalized its nuclear weapons capability. On October 8, 2006, North Korea announced it had conducted a nuclear test.

<sup>1</sup> Numbers may not add up due to rounding and uncertainty about the operational status of the four lesser nuclear weapons states and the uncertainty about the size of the total stockpile of three of the five initial nuclear powers.

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