

# US nuclear weapons capability

The numbers that have changed since last year are highlighted in red

Updated: June 1, 2021

Type / designation	Missile /bomb	No. of warheads per weapon	No. of warheads	Types of nuclear warheads	Yield (kt)	Year first deployed	Remarks
<b>Deployed</b>		<b>1,020</b>	<b>1,800</b>				1)
<b>Intercontinental ballistic missile (ICBM)</b>		<b>400</b>	<b>400</b>				2)
Minuteman III Mk-12A <a href="#">a)</a>	200	1	200	W78	335	1979	
Minuteman III Mk-21/SERV	200	1	200	W87	300	2006	
<b>Submarine-launched ballistic missile (SLBM)</b>		<b>220</b>	<b>1,000</b>				3)
Trident II D5 Mk-4A <a href="#">b)</a>	135	3~6	<b>590</b>	W76-1	100	2008	Carried by the Ohio-
Trident II D5 Mk-4A	?	1~2	<b>25</b>	W76-2 <sup>4</sup>	8	2019	class nuclear
Trident II D5 Mk-5	85	3~6	384	W88	455	1990	submarine <a href="#">c)</a>
<b>Strategic bomber payloads</b>		<b>400</b>	<b>400</b>				5)
Cruise missile <a href="#">d)</a>	200	1	200	W80- 1	5 - 150	1961	Carried by the B-52H <a href="#">g)</a>
Strategic nuclear bomb <a href="#">e)</a>	100	1	100	B61-7	10 - 360	1985	Carried by the B-2A <a href="#">h)</a>
				B61-11	400	1997	
Non-strategic nuclear and airborne weapons <a href="#">f)</a>	100	1	<b>100</b>	B61-3	0.3 - 170	1979	6)
				B61-4	0.3 - 50		
<b>Reserve / Nondeployed</b>			<b>2,000</b>				7)
<b>ICBM</b>			<b>400</b>				8)
<b>SLBM</b>			<b>920</b>				9)
<b>Air-launched systems (Bombers, etc.)</b>		<b>680</b>	<b>680</b>				
Strategic bomber Payload	550	1	550				10)
Non-strategic nuclear weapons	130	1	<b>130</b>	B61-3/4			11)
<b>Retired warheads awaiting dismantlement, etc.</b>			<b>1,750</b>				12)
<b>Total inventory</b>			<b>5,550</b>				

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a)

Intercontinental ballistic missile (ICBM)	
Designation	: Minuteman III
Propulsion	: Three-stage solid-propellant
No. of warheads	: Maximum 3 warheads
Launch platform	: Silo
Specifications	: Length 18m, Diameter 1.7m, Weight 32.2tons
Range	: Over 9,600km
Circular error probability	: 110m

b)

Submarine-launched ballistic missile (SLBM)	
Designation	: Trident II D5
Propulsion	: Three-stage solid-propellant
No. of warheads	: Maximum 8 warheads
Specifications	: Length 13.4m, Diameter 1.85m, Weight 59tons
Range	: 6,500km
Circular error probability	: 120m
Submarine	: Ohio-Class strategic nuclear submarine

c)

Strategic nuclear submarine	
Model	: Ohio-Class
Submerged speed	: 25knot (46km/h)
No. of tubes	: 24
Specifications	: Length 171m, Width 13m, Emissions 16,600tons
No. of submarines in service	: 14

d)

Air-launched cruise missile	
Designation	: AGM-86
Range	: 2,500km
Specifications	: Length 6.29m, Diameter 0.62m, Weight 1.4tons
Carried by	: B52-H Stratofortress

e)

Strategic nuclear bomb	
Type	: Gravity bomb
Specifications	:
Carried by	: B-2A Spirit

f)

Air-launched, Non-strategic nuclear weapons	
Designation	: Gravity bomb B61-3, B61-4
Specifications	: Length 3.56m, Diameter 0.33m, Weight 0.32tons
Carried by	: F-15E, F-16, Tornado
Remarks	: Deployed in Europe, shared with NATO forces.

g)

Strategic bomber	
Type & Designation	: B-52H Stratofortress
Max. speed	: 1,200km/h
Specifications	: Length 48.5m, Span 56.4m
Range	: 16,000km
Payload	: Capable of carrying twenty AGM-86 cruise missiles
No. of submarines in service	: 93 (Nuclear mission: 44)

h)

Strategic bomber	
Type & Designation	: B-2A Spirit
Max. speed	: 1,010km/h
specifications	: Length 21m, Span 52m (stealth aircraft)
Range	: 11,100km
Payload	: Carrying 16 strategic nuclear bombs
No. of submarines in service	: 20 (Nuclear mission: 16)