GLOBAL NUCLEAR ARSENAL 2009

Approximately 23,335 weapons with ~ 6400 MT (megatons) yield

OPERATIONAL WEAPONS

STRATEGIC

Total Operational strategic nuclear weapons ~ 5850
Total Yield ~ 2225 MT

1 weapon = ◆

One US Trident sub carries about 120 independently targetable strategic nuclear warheads

U.S. and Russion strategic nuclear weapons on high-alert launch-on-warning status
~ 2063 warheads
Total Yield ~ 960 MT

NON-STRATEGIC

Total operational non-strategic nuclear weapons ~ 2550
Total Yield ~ 200 MT

NON-OPERATIONAL WEAPONS

Total U.S. and Russian inactive reserve (intact non-operational) nuclear weapons
~15,145 warheads
Total yield ~ 4000 MT

The total explosive power of every bomb detonated during World War II = 3 MT (3 megatons) = the total explosive power of 10 average size strategic nuclear weapons

WWII = ◆◆◆◆◆◆◆◆◆◆

95% of all Nuclear Weapons belong to the U.S. and Russia

The Total Explosive Power of The Global Nuclear Arsenal is
~ 6400 megatons =
6.4 billon tons of TNT =
12.8 trillion pounds of TNT

One Strategic Nuclear Weapon detonated above a city will within tens of minutes ignite a mass fire over an area of 20 to 100 miles² (50 to 500 km²) from which no living thing can escape

COMPARATIVE WEAPON YIELDS

Largest bomb used in WWII	6 tons of TNT
Largest 2009 non-nuclear bomb	15 tons of TNT
Smallest Strategic Nuclear Weapon	100,000 tons of TNT
Large Strategic Nuclear Weapon	1,200,000 tons of TNT
Largest Nuclear Bomb ever tested	50,000,000 tons of TNT

1 ton = 2000 lbs
1 Megaton (1 MT) = 1,000,000 tons

China Arsenal - 180 Weapons
UK Arsenal - 160 Weapons
France Arsenal - 300 Weapons
Israel Arsenal - 80 Weapons
India Arsenal - 60 Weapons
Pakistan Arsenal - 60 Weapons

High-Alert Launch-on-Warning Weapons
◆ = 1 non-operational weapon
◆ = 1 operational weapon