New START Limits

• 1550 deployed strategic warheads
• 700 deployed strategic delivery vehicles
• 800 deployed and non-deployed launchers and bombers
• Limits take full effect in 2018
# US, Russian Nuclear Warhead Levels

<table>
<thead>
<tr>
<th>Category</th>
<th>US</th>
<th>Russia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deployed strategic *</td>
<td>~1950</td>
<td>~1740</td>
</tr>
<tr>
<td>Nonstrategic</td>
<td>~500</td>
<td>~2000</td>
</tr>
<tr>
<td>Non-deployed (reserve) strategic</td>
<td>~2200</td>
<td>~700</td>
</tr>
<tr>
<td></td>
<td>(~4700)</td>
<td>(~4450)</td>
</tr>
<tr>
<td>Retired warheads</td>
<td>~3000</td>
<td>~4000</td>
</tr>
<tr>
<td>Total warheads</td>
<td>~7700</td>
<td>~8500</td>
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* Estimated actual number, not New START accountable number

Numbers drawn from Hans M. Kristensen, “Trimming Nuclear Excess: Options for Further Reductions of U.S. and Russian Nuclear Forces”
Big Treaty

• Limit on each side of no more than 2000-2500 total nuclear warheads
  • Covers all except retired weapons
  • Aggregate limit forces trade
• Sublimit of 1000 deployed strategic warheads
• Limit of 500 deployed SDVs
Notional Reduction to 2000 Total

- **US Now**
  - Reserve: 2000
  - Non-Strat: 1000
  - Dep Strat: 1000

- **US After**
  - Reserve: 500
  - Non-Strat: 1000
  - Dep Strat: 1500

- **Russia Now**
  - Reserve: 4000
  - Non-Strat: 2000
  - Dep Strat: 3000

- **Russia After**
  - Reserve: 1000
  - Non-Strat: 1500
  - Dep Strat: 2000
Implications for Triad

- Russians below 500 and headed => ~400 deployed SDVs
- US could maintain triad at 500:
  - 40 bombers, 192 SLBMs (12 x 16), 268 ICBMs
  - 40 bombers, 160 SLBMs (10 x 16), 300 ICBMs
Major Russian Storage Sites

Source: Joshua Handler, Princeton University
US Nuclear Weapons in Europe

• ~200 US nuclear bombs believed deployed at six sites in five countries

Pentagon-MOD MD Talks

• Areas of convergence re cooperative NATO-Russia arrangement
  • Transparency
  • Joint exercises
  • Two independent systems interacting
  • Data fusion center
  • Planning and operations center
## Russia Under New START

### New START Numbers, Sept 2012

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<td>806</td>
<td>491</td>
</tr>
<tr>
<td>Deployed and non-deployed launchers and bombers <em>(800)</em></td>
<td>1034</td>
<td>884</td>
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<tr>
<td>Deployed warheads <em>(1550)</em></td>
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Verification