



Nuclear Security Spending: Assessing Costs, Examining Priorities

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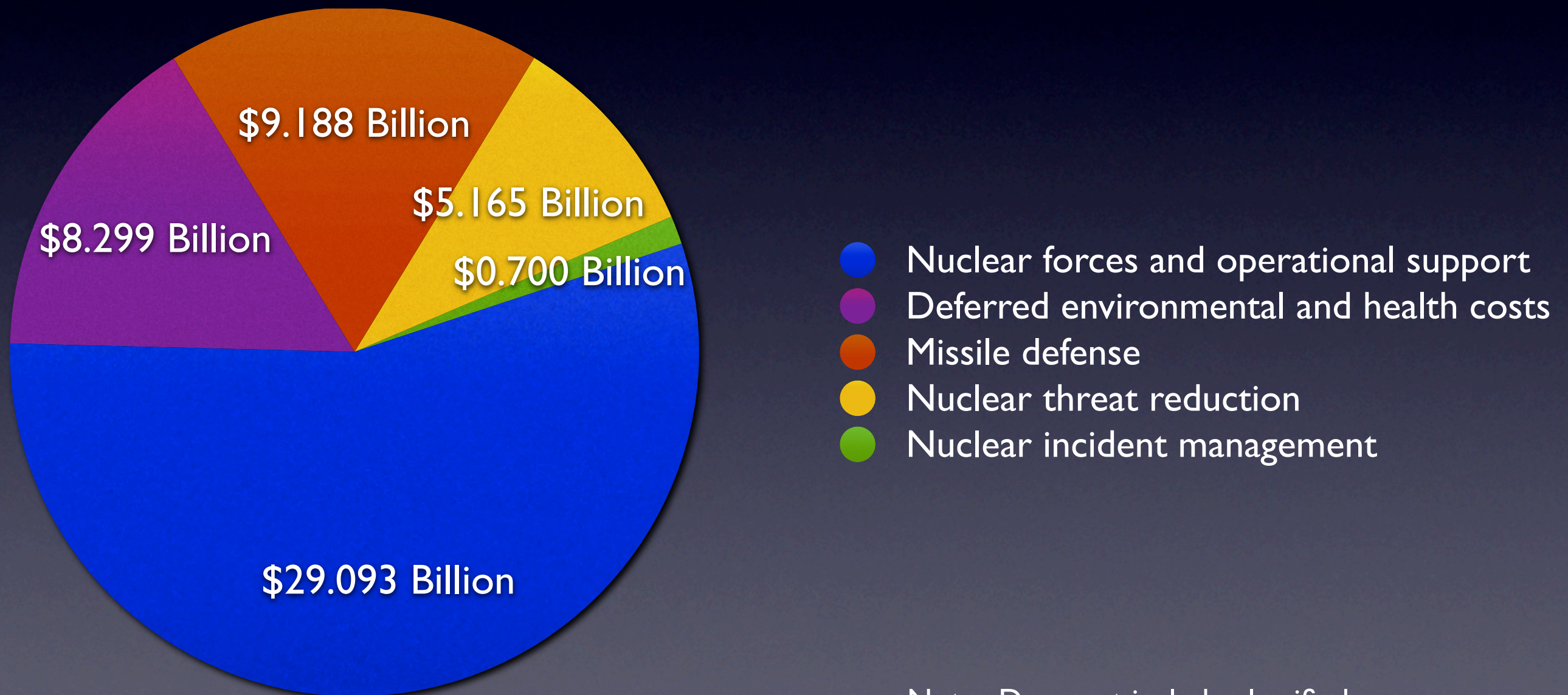
FOR INTERNATIONAL PEACE

Five Categories

- Nuclear forces and operational support
- Deferred environmental and health costs
- Missile defense
- Nuclear threat reduction
- Nuclear incident management

U.S. Nuclear Weapons-Related Appropriations for FY 2008 by Category

Total - \$52.4 Billion



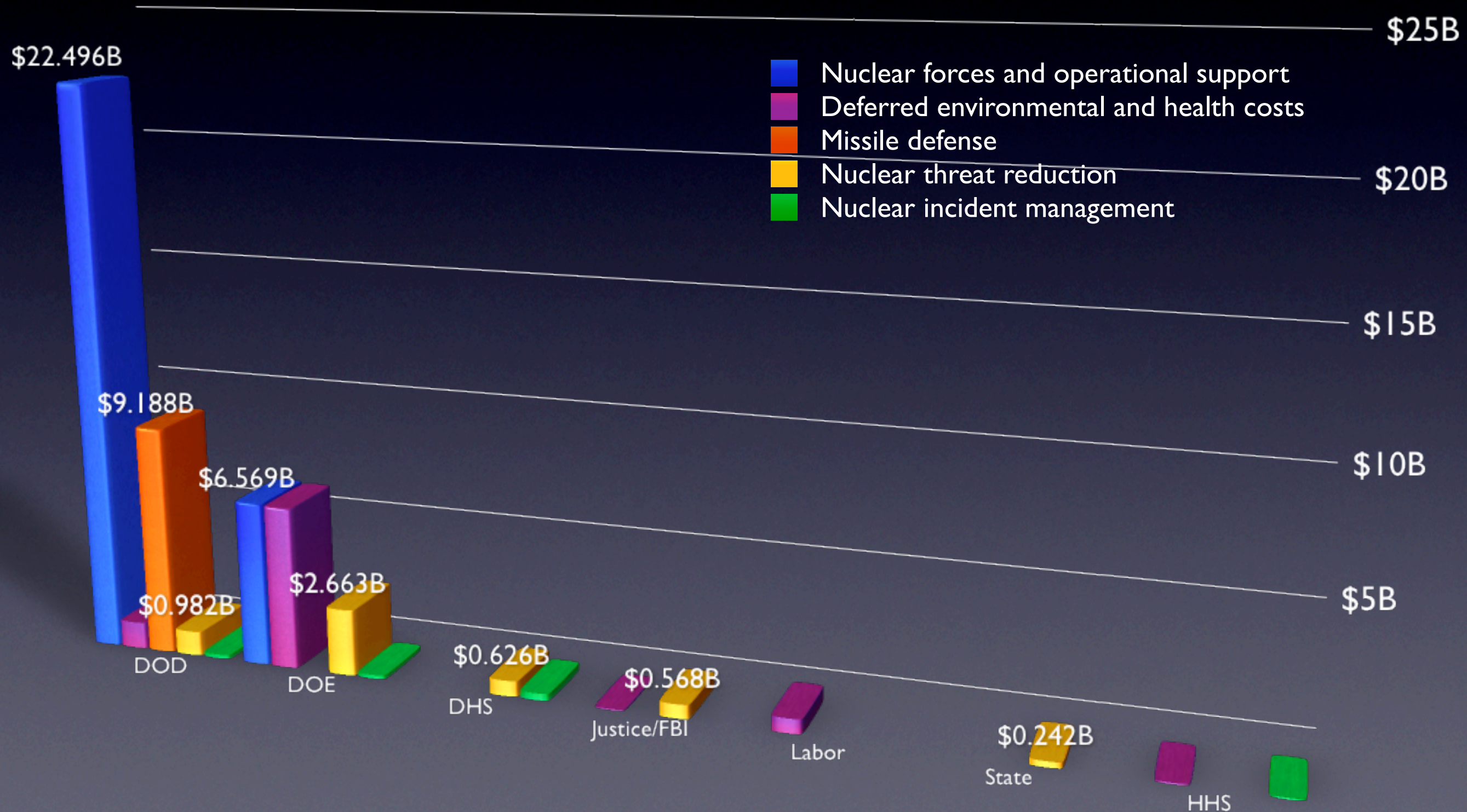
Note: Does not include classified programs, air defense, antisubmarine warfare, or nuclear weapons-related intelligence programs.

Findings

- Nuclear weapons and weapons-related spending accounts for about:
 - 67 percent of the Department of Energy budget;
 - 8.5 percent of the FBI budget;
 - 7.1 percent of the Department of Defense budget (excluding the supplemental costs of the wars in Afghanistan and Iraq); and
 - 1.7 percent of the Department of Homeland Security budget.

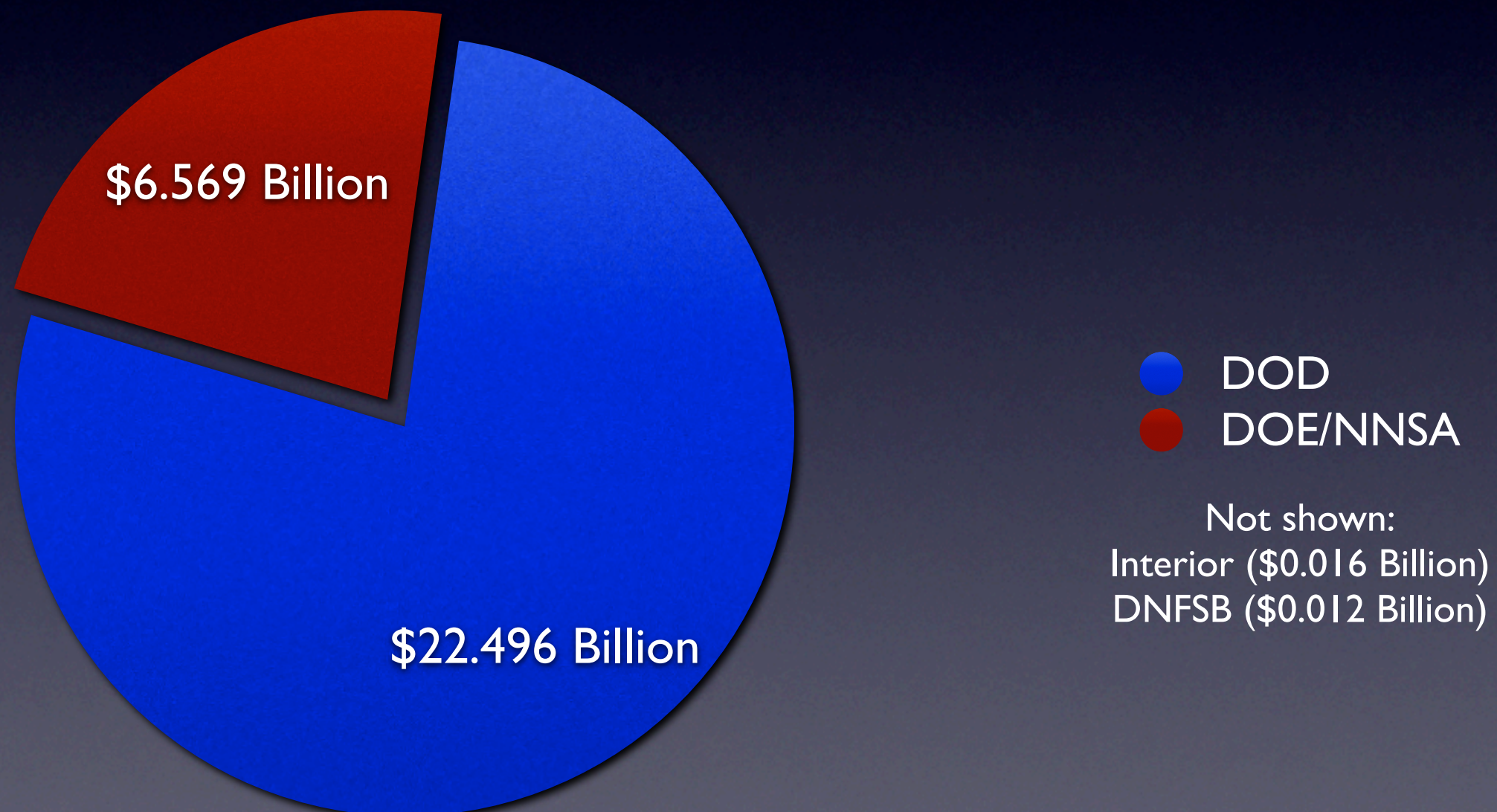
U.S. Nuclear Weapons-Related Appropriations for FY 2008 by Major Department/Agency

Billions of dollars

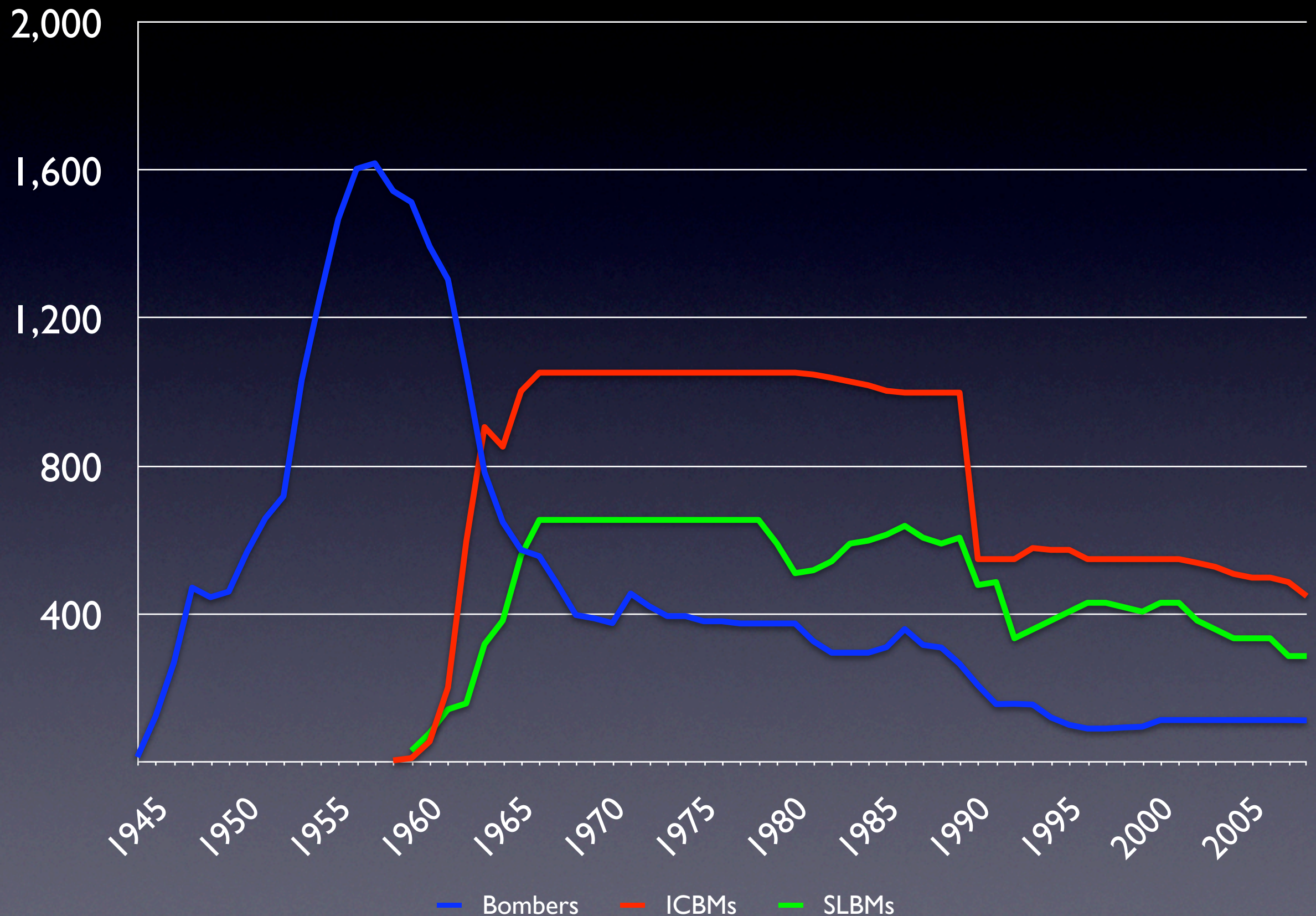


U.S. Nuclear Weapons-Related Appropriations for FY 2008 by Category/Subcategory

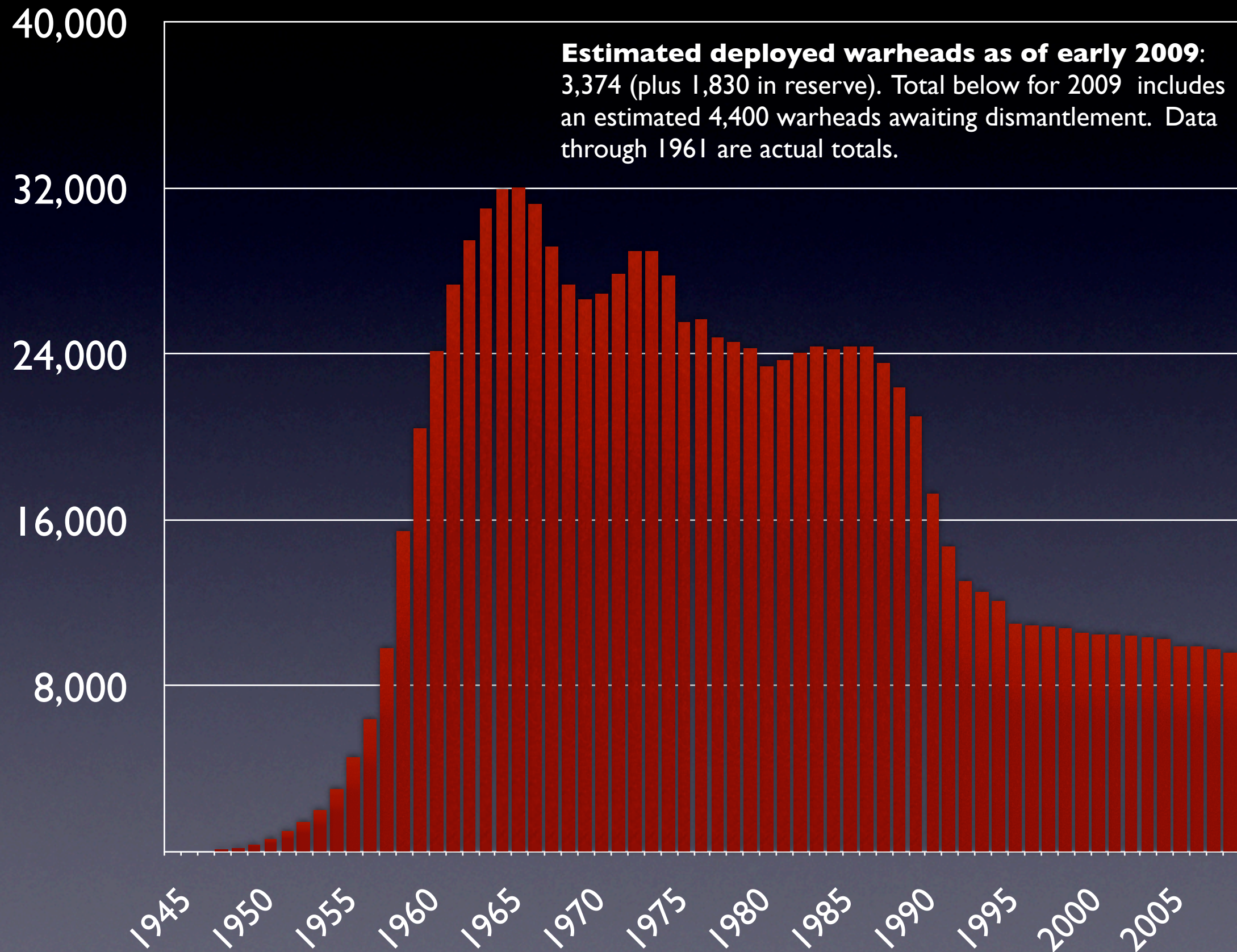
Nuclear Forces and Operational Support - \$29.1 Billion



Operational U.S. Strategic Nuclear Delivery Systems, 1945-2009

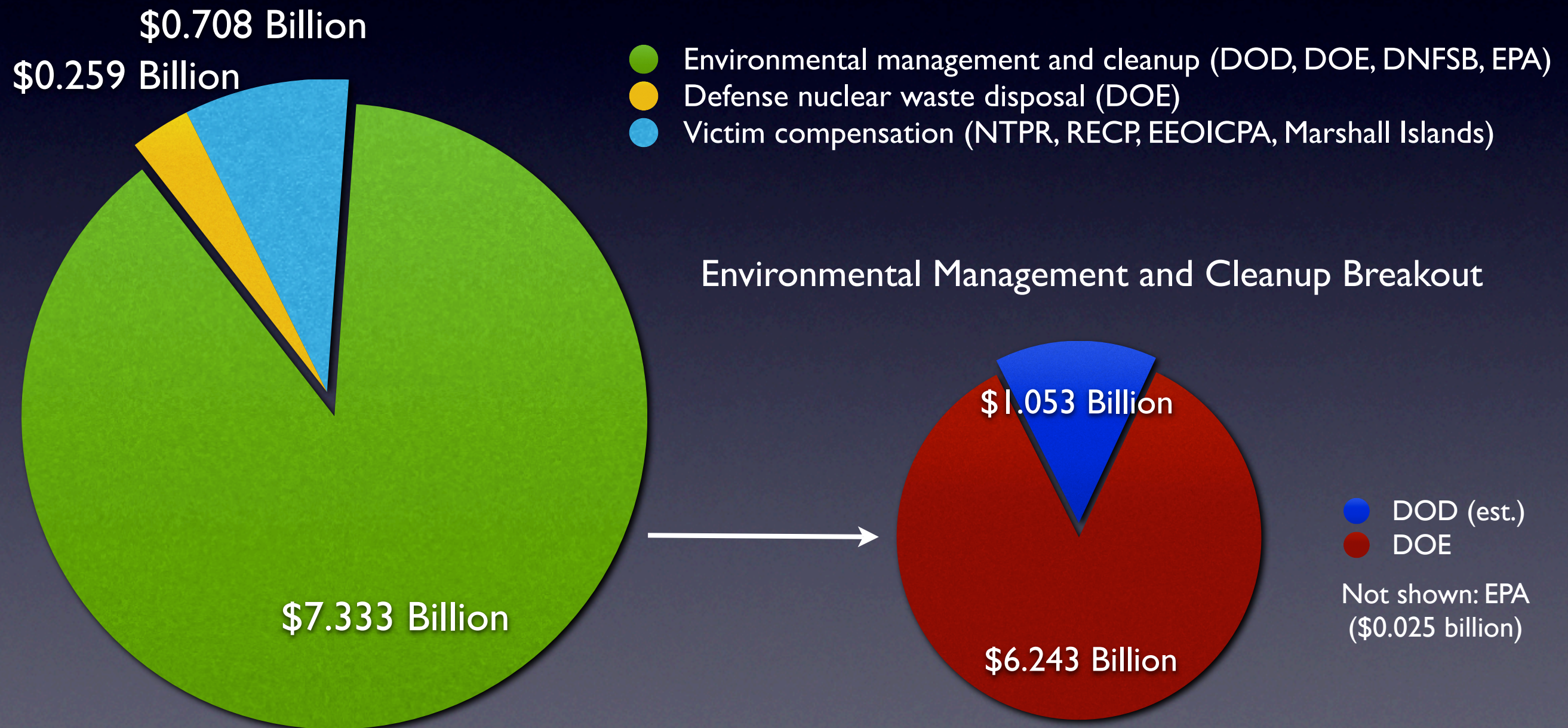


Estimated U.S. Nuclear Weapons Inventory, 1945-2009



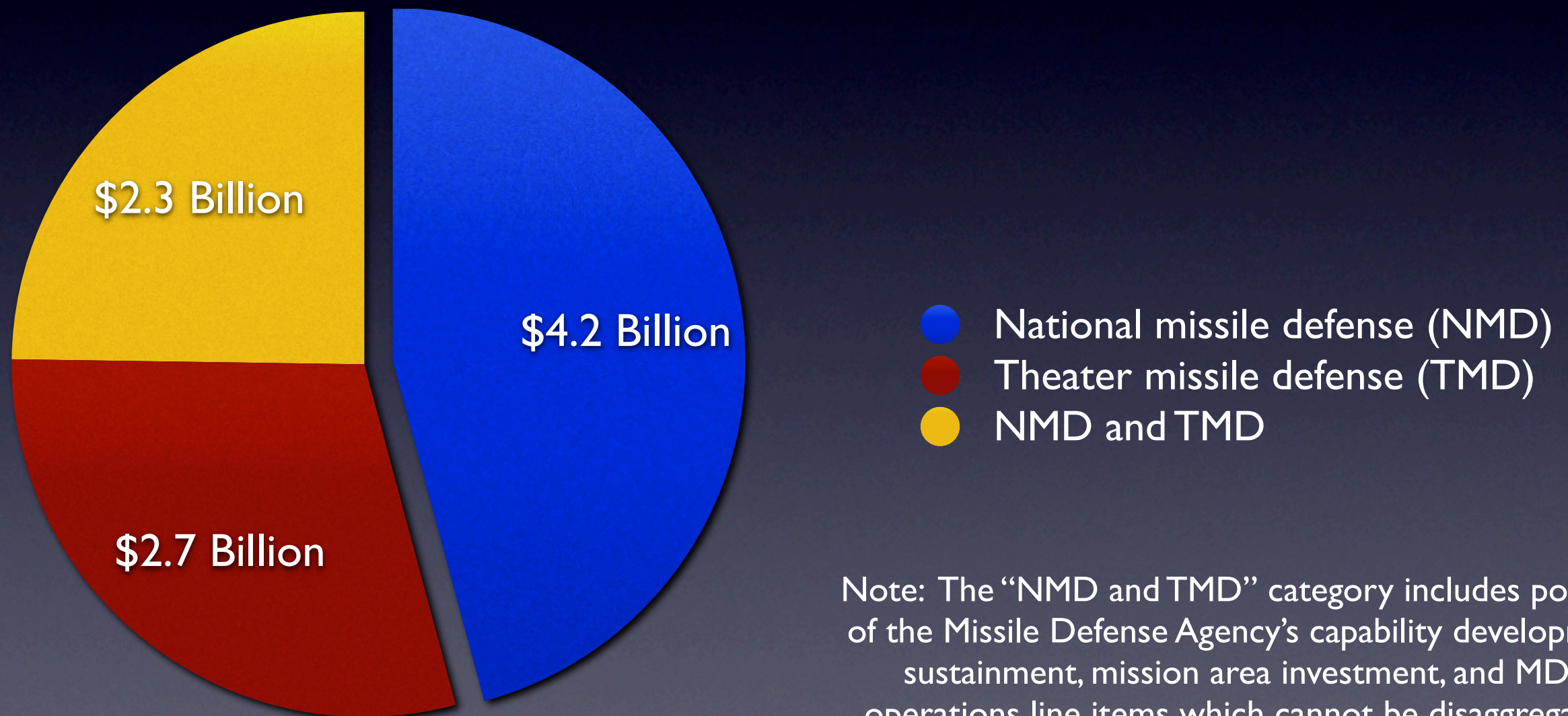
U.S. Nuclear Weapons-Related Appropriations for FY 2008 by Category/Subcategory

Deferred Environmental and Health Costs - \$8.3 Billion



U.S. Nuclear Weapons-Related Appropriations for FY 2008 by Category/Subcategory

Missile Defense - \$9.2 Billion

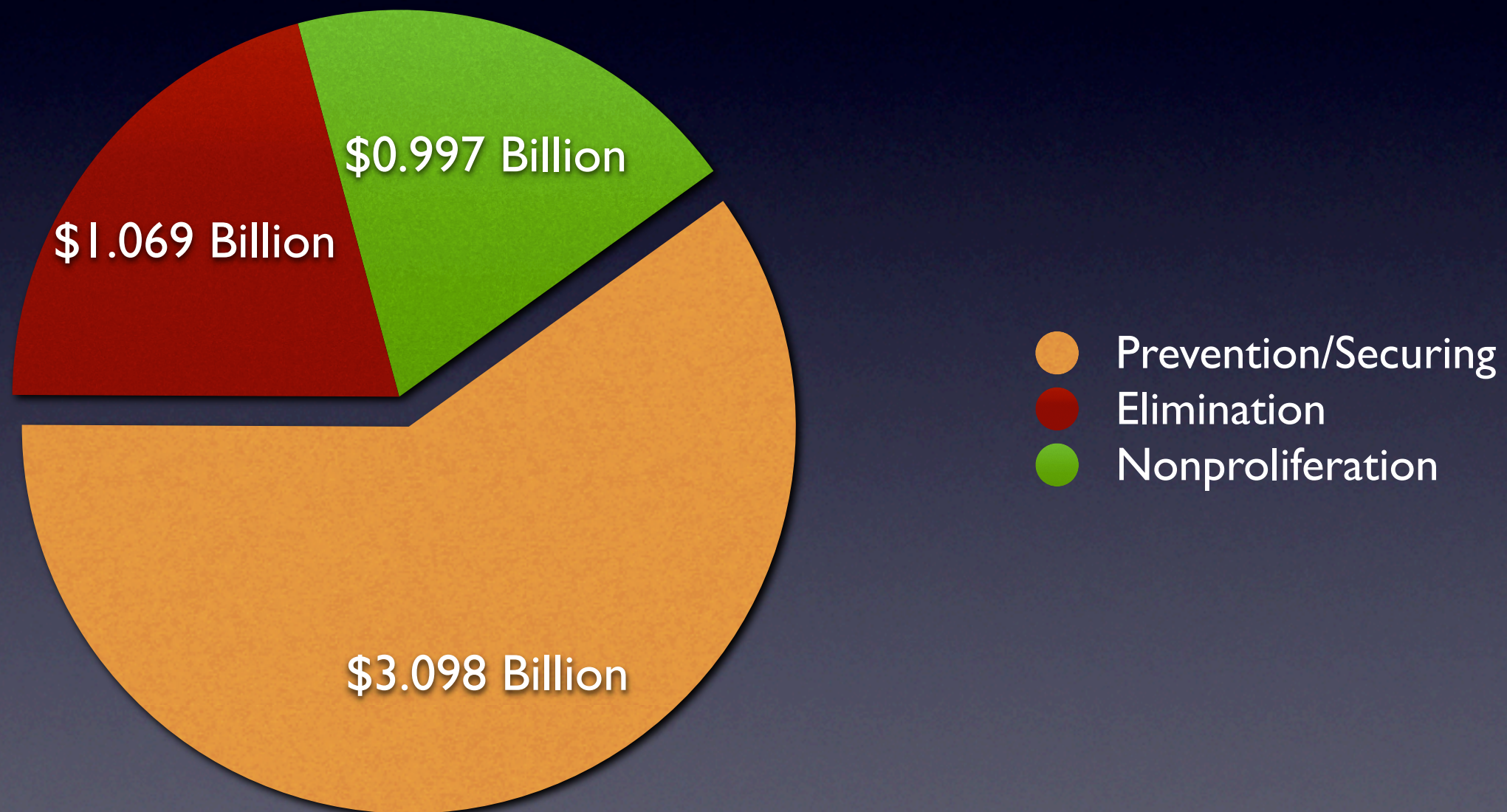


Note: The “NMD and TMD” category includes portions of the Missile Defense Agency’s capability development, sustainment, mission area investment, and MDA operations line items which cannot be disaggregated.

Not included: Operations and maintenance costs for Patriot and SM-3 antimissile systems.

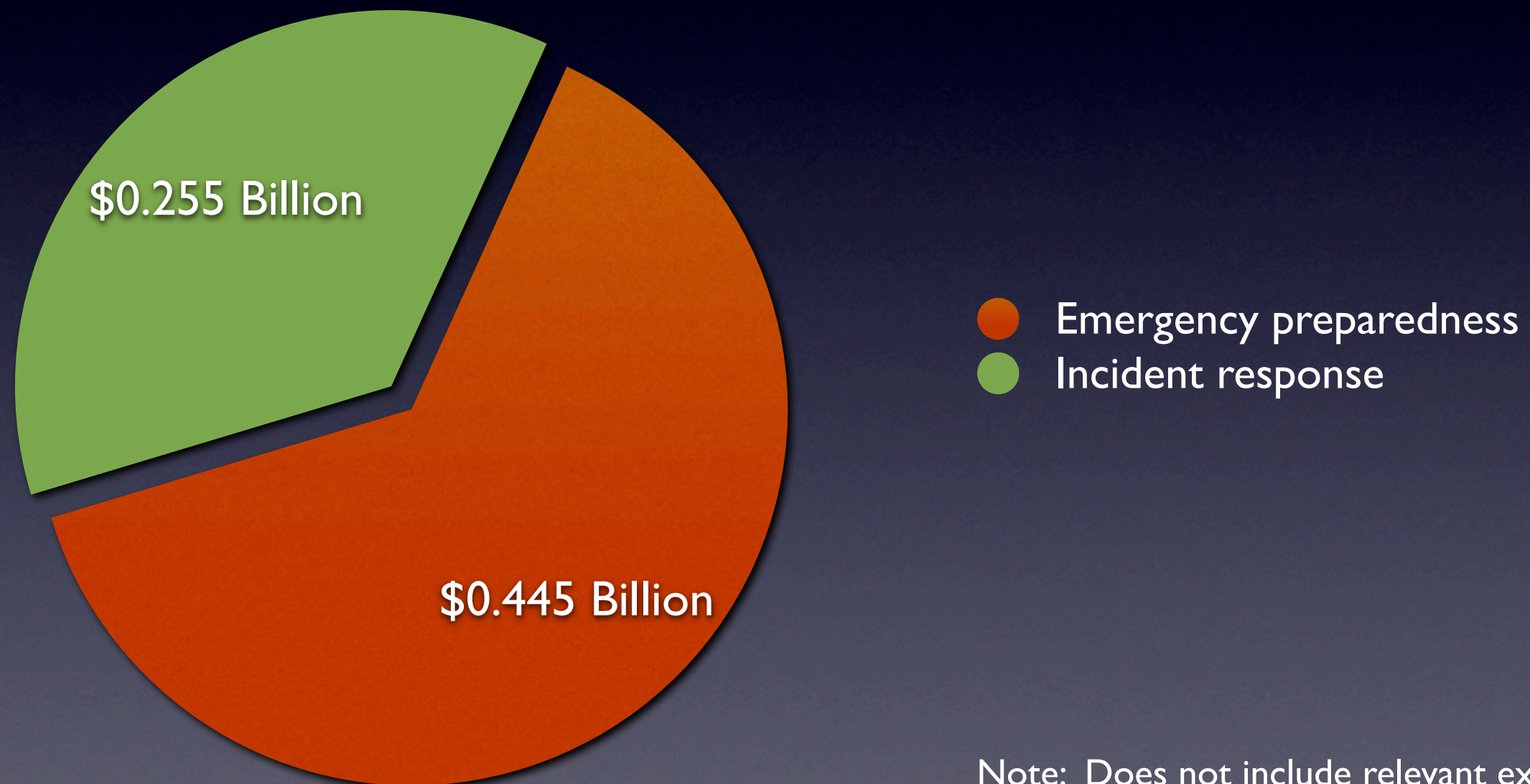
U.S. Nuclear Weapons-Related Appropriations for FY 2008 by Category/Subcategory

Nuclear Threat Reduction - \$5.2 Billion



U.S. Nuclear Weapons-Related Appropriations for FY 2008 by Category/Subcategory

Nuclear Incident Management - \$0.700 Billion



Note: Does not include relevant expenditures by the U.S. Northern Command and most of the National Guard, or federally supported programs for state and local officials.

Recommendations

- **Create Comprehensive Nuclear Accounting Systems**
 - Annual nuclear spending report
 - Incorporate financial data into Nuclear Posture Review
 - Engage GAO to independently verify completeness and accuracy
 - Perform cost-benefit analyses

Recommendations

- **Quantify and explain nuclear security-related intelligence expenditures**
 - How much is spent supporting operational nuclear forces, defensive measures, nuclear threat reduction, and nuclear incident management?
 - Enhance understanding and ensure funds are allocated to address the most urgent threats

Recommendations

- **Focus on Proactive Threat Reduction Strategies**
 - Don't just rely on technology-driven efforts
 - Establish metrics for the Proliferation Security Initiative

Recommendations

- **Ensure Equity for Atomic Veterans**
 - Create accountability on par with the Radiation Exposure Compensation Program and the Energy Employees Occupational Illness Compensation Program Act

Conclusion

- This is the start of a national conversation, not the end.
- We don't know all the answers because we don't have all the relevant data, and in several major areas neither does the government.
- With limited time and resources, and no access to classified information or even detailed unclassified data, we have set the basic parameters and demonstrated that a more thorough accounting is both feasible and warranted.
- Together, we need to decide how to get the most bang of our nuclear security bucks.