

Table 16. DHS R&D in FY 2005 Final Appropriations

**Table 16. Department of Homeland Security
Final Congressional Action on R&D in the FY 2005 Budget
(budget authority in millions of dollars)**

	FY 2004 Estimate	FY 2005 Request	FY 2005 Approved	House-Senate Conference			
				Chg. from Request Amount	Chg. from Request Percent	Chg. from FY 2004 Amount	Chg. from FY 2004 Percent
DHS R&D:							
Border & Transportation Security (TSA)*	154	154	178	24	15.6%	24	15.4%
Emergency Preparedness	0	0	0	0	--	0	--
Information Analysis and Infra.	0	0	0	0	--	0	--
Science and Technology	869	987	1,047	60	6.1%	178	20.5%
<i>Biological countermeasures</i>	197	407	363	-44	-10.9%	165	83.8%
<i>Chemical & High Explosives</i>	61	63	73	10	15.9%	12	18.9%
<i>Radiological & Nuclear</i>	126	129	123	-7	-5.2%	-4	-2.9%
<i>Threat & vulnerability assessments</i> ^^	93	102	66	-36	-35.4%	-27	-29.2%
<i>Standards / state and local</i>	39	40	40	0	0.0%	1	2.4%
<i>Critical infrastructure</i> ^	66	61	27	-34	-55.7%	-39	-59.2%
<i>University programs / HS fellowships</i>	70	30	70	40	133.3%	0	0.6%
<i>Emerging threats</i>	21	21	11	-10	-48.8%	-10	-48.5%
<i>Rapid Prototyping</i>	75	76	76	0	0.0%	1	1.9%
<i>Anti-aircraft missiles</i> ^	0	0	61	61	--	61	--
<i>Conventional Missions of DHS</i> **	34	58	55	-4	-6.0%	21	61.7%
NBACC ***	87	0	35	35	--	-52	-60.0%
<i>Cyber security</i> ^^	0	0	18	18	--	18	--
<i>Other</i>	0	0	31	31	--	31	--
Coast Guard **	14	0	19	19	--	5	32.1%
Total DHS R&D	1,037	1,141	1,243	102	9.0%	206	19.9%
<i>Selected non-R&D items:</i>							
<i>Biodefense countermeasures (BioShield)</i>	885	2,528	2,528	0	0.0%	1,643	185.6%
Total DHS Discretionary Budget	29,242	31,104	32,000	895	2.9%	2,758	9.4%

AAAS estimates based on FY 2005 appropriations bills. Includes conduct of R&D and R&D facilities.

FY 2004 and FY 2005 request figures based on OMB R&D data and supplemental agency budget data.

Figures are rounded to the nearest million. Changes calculated from unrounded figures.

BioShield funding has already been provided in FY 2005 advance appropriations.

* - TSA R&D figures for FY 2004 and FY 2005 request have been revised since the February release of the budget.

** - Coast Guard R&D transfers to S&T Directorate (Conventional Missions) in FY 2005 request.

*** - National Biodefense Analysis and Countermeasures Center construction. FY 2005 request includes these costs in Biological Countermeasures.

^ - The final DHS budget creates a new account for Counter MANPADS. In Critical Infrastructure in FY 2004 and FY 2005 request.

^^ - The final DHS budget creates a new account for cybersecurity.

In Threat & Vulnerability Assessments in FY 2004 and FY 2005 request.

November 24, 2004 - AAAS estimates of final FY 2005 appropriations bills.