

Homeland Security R&D in the FY 2007 Budget

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HOMELAND SECURITY IN 2006 AND 2007

- Homeland security keeps going up even in tough budgetary times.
- But homeland security R&D would fall for the first time in 2007, including the first cuts in DHS' R&D portfolio.

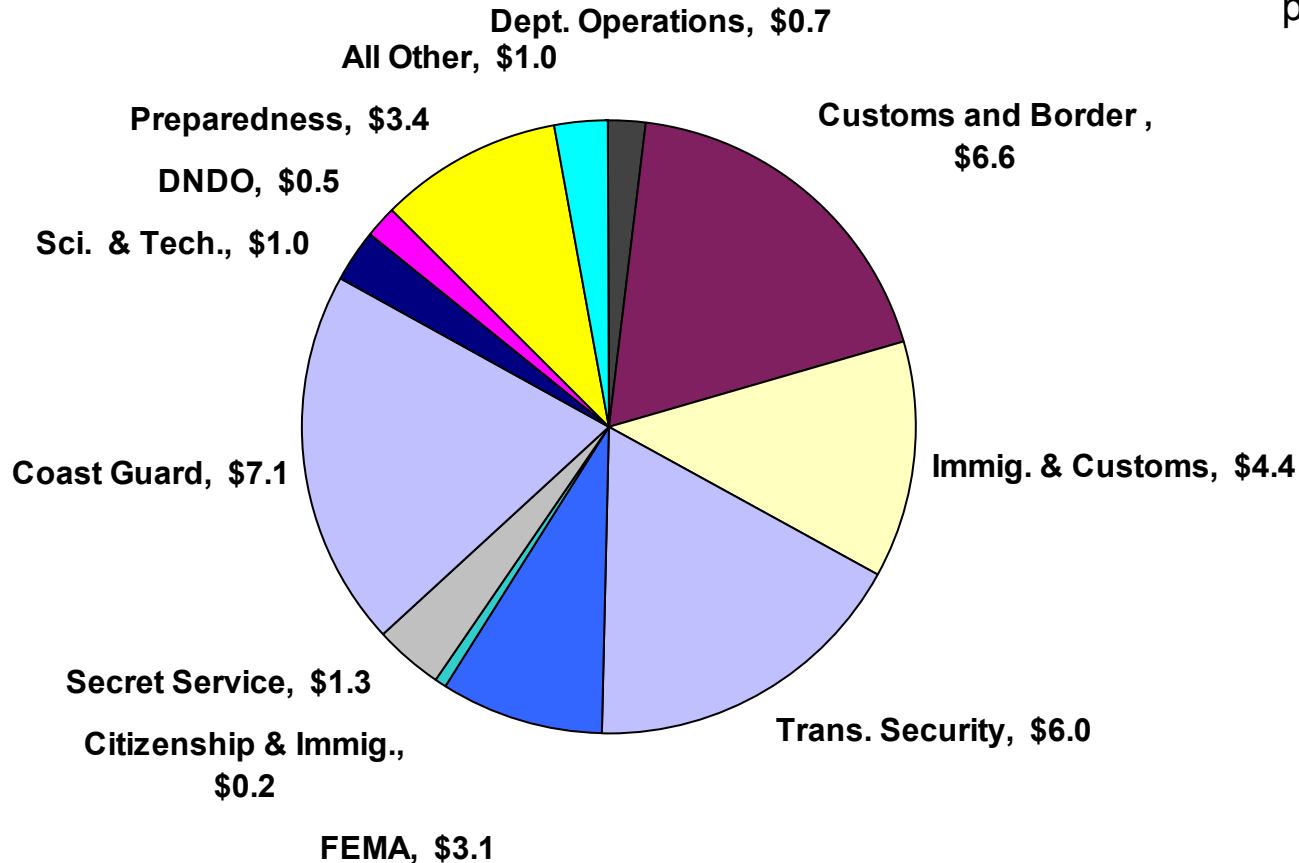
HOMELAND SECURITY R&D IN THE BUDGET

- Total HS spending in FY 2007 would be \$58.3 billion (up 5.9 percent), of which \$5.1 billion would go to R&D.
- The majority of HS R&D investments remain outside the Dept. of Homeland Security.
- In the past few years, there have been dramatic increases for federal R&D investments, but these increases would level off in FY 2006 and would fall for the first time in FY 2007.
- Radiological and nuclear countermeasures are the top priority in the DHS, but most other R&D areas would see cuts in 2007.

Dept. of Homeland Security Budget: FY 2007 Request

(discretionary budget authority in billions)

Total FY 2007 DHS
Budget: \$35.4 billion
proposed



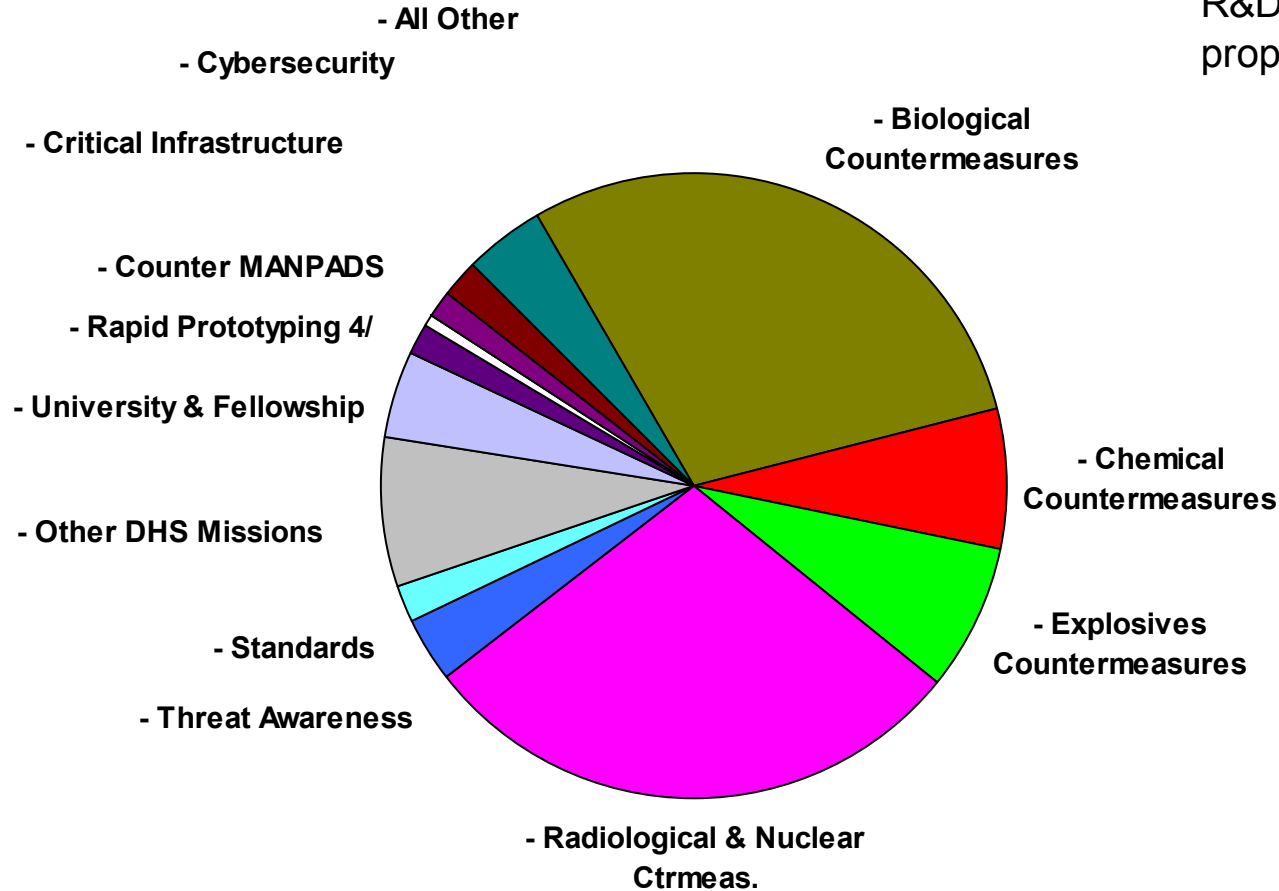
Source: DHS Budget Justification. Excludes emergency
supplementals for disaster relief.
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Dept. of Homeland Security R&D: FY 2007 Request

(budget authority in millions)

Total FY 2007 DHS
R&D: \$1.1 billion
proposed

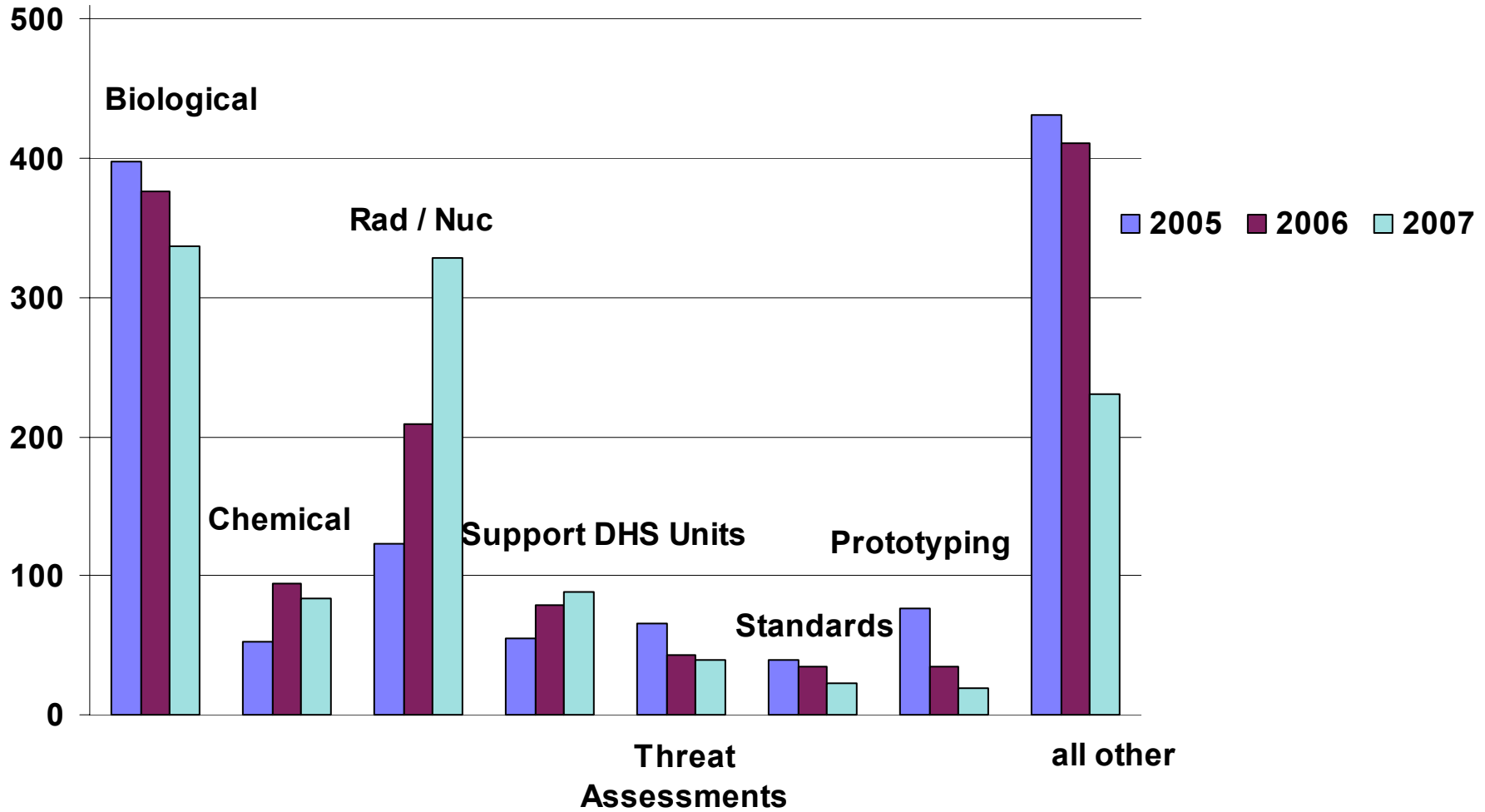


Source: AAAS estimates of DHS R&D based on DHS
Budget Justification and OMB data.
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DHS R&D Priorities, FY 2005 - FY 2007

budget authority in millions of dollars



Source: AAAS, based on DHS budget documents.
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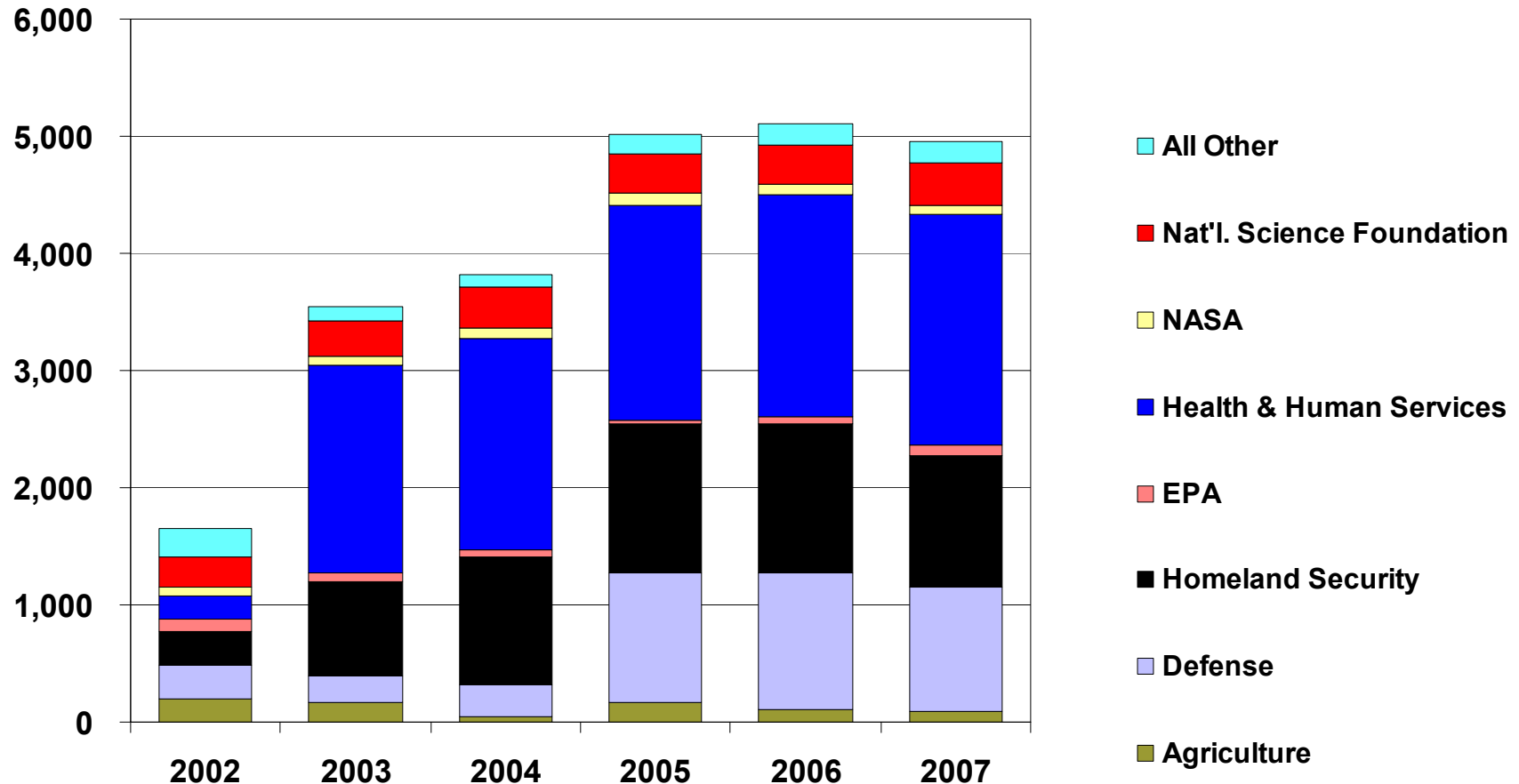


R&D IN THE DEPT. OF HOMELAND SECURITY

- DHS R&D would be \$1.1 billion in FY 2007, down 10.3 percent.
- Rad/Nuc countermeasures R&D would move to the new Domestic Nuclear Detection Office (DNDO) as a separate unit, and would increase.
- Funding for other R&D areas would fall.
- The DHS R&D portfolio continues to be heavily development-oriented and labs-oriented; basic and applied research funding could fall by as much as 20 percent.

Federal Homeland Security R&D, by Agency

(budget authority in millions of constant FY 2006 dollars, FY 2002-2007)



Source: AAAS, based on Office of Management and Budget data. Includes conduct of R&D and R&D facilities.

Note: DOD expanded its reporting of HS spending beginning in 2005.

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NON-DHS HOMELAND SECURITY R&D

- NIH continues to be the largest funding source for HS R&D, almost entirely for biodefense (\$2.0 billion in FY 2007), up 6 percent within a flat overall budget.
- Basic research remains the focus, but the growth areas are development work for biological countermeasures, and now chemical and radiological countermeasures.
- NSF, EPA, and others would continue to expand their HS-related investments.

OUTLOOK FOR THE FY 2007 BUDGET

Homeland security is still a high priority, but the budget focus is not on R&D but on other HS tasks.

The R&D portfolio is clearly moving toward R&D on weapons of mass destruction (CRBN threats).

Congress will try to add funds for HS research, but will they have enough money?