



High Energy Physics

Presentation to HIGH ENERGY PHYSICS ADVISORY PANEL

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Director

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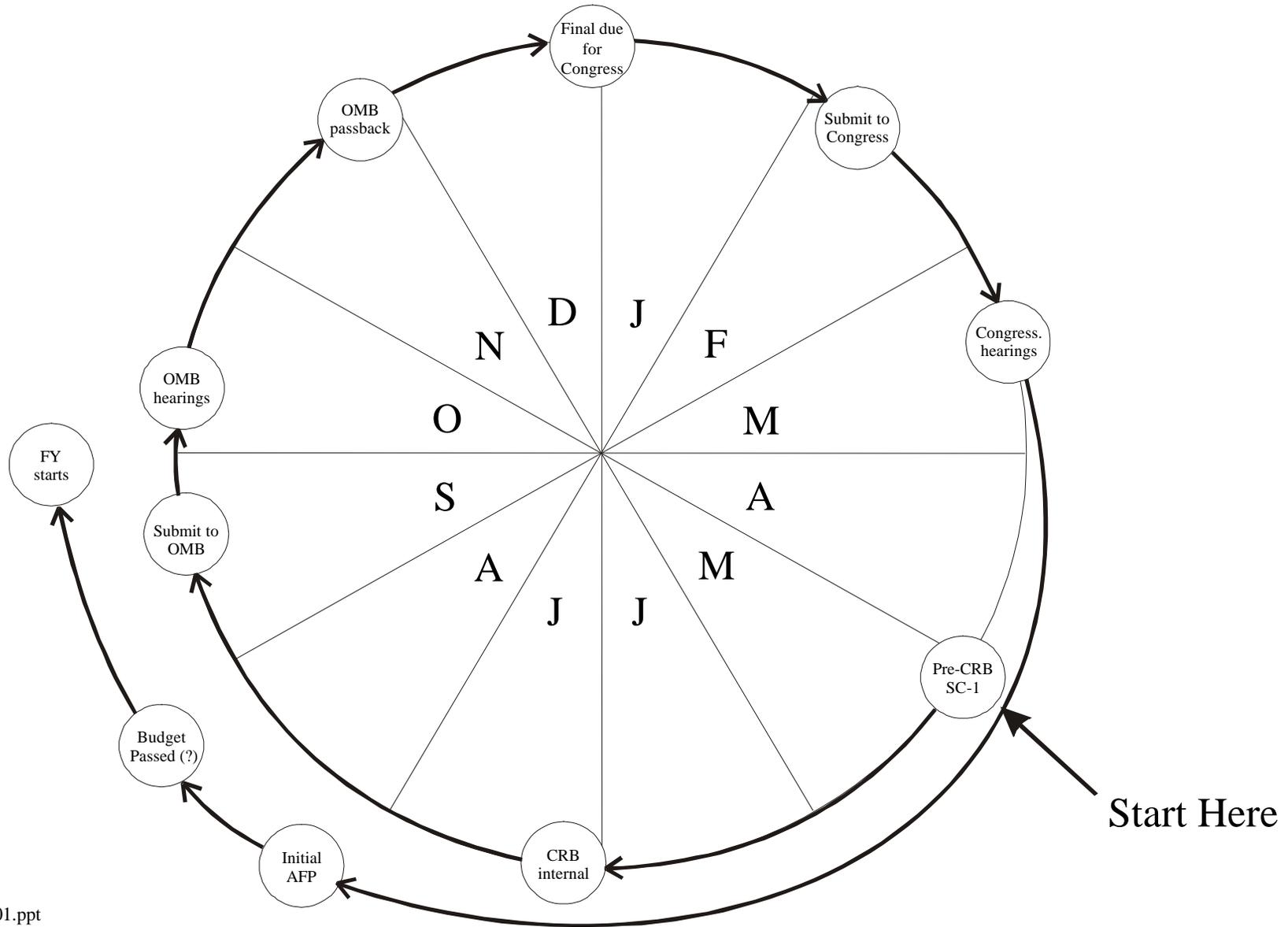
Highlights of FY 2002 DOE Funding*

- Provides \$19.0B in 2002, \$0.7B, or 3%, below the 2001 enacted level and \$1.2B, 7%, above 2000.
- Provides a \$120M increase for the low-income home Weatherization Assistance Plan, as part of a \$1.4B increase over 10 years.
- Provides for new and extended tax credits for solar and renewable fuels.
- Increases funding for weapons stockpile stewardship by approximately \$275M over 2001, a 5% increase.
- Restructures the coal research programs with industry to spend more than \$2B over 10 years to reduce the environmental impact of using coal for electricity generation.
- Beginning in 2004, dedicates \$1.2B in Arctic National Wildlife Refuge (ANWR) bid bonuses to fund increased research on solar and renewable energy technology research and development (R&D).
- Provides \$8M to maintain the two-million-barrel Northeast Heating Oil Reserve.
- Proposes increasing the level and consistency of R&D cost-sharing requirement to better leverage Federal R&D funds and to keep projects more focused on real market needs.

**Excerpted from the Executive Office of the President of the United States, "A Blueprint for New Beginnings – A Responsible Budget for America's Priorities"*



The Annual Budget "Cycle"





Recent Appropriations History

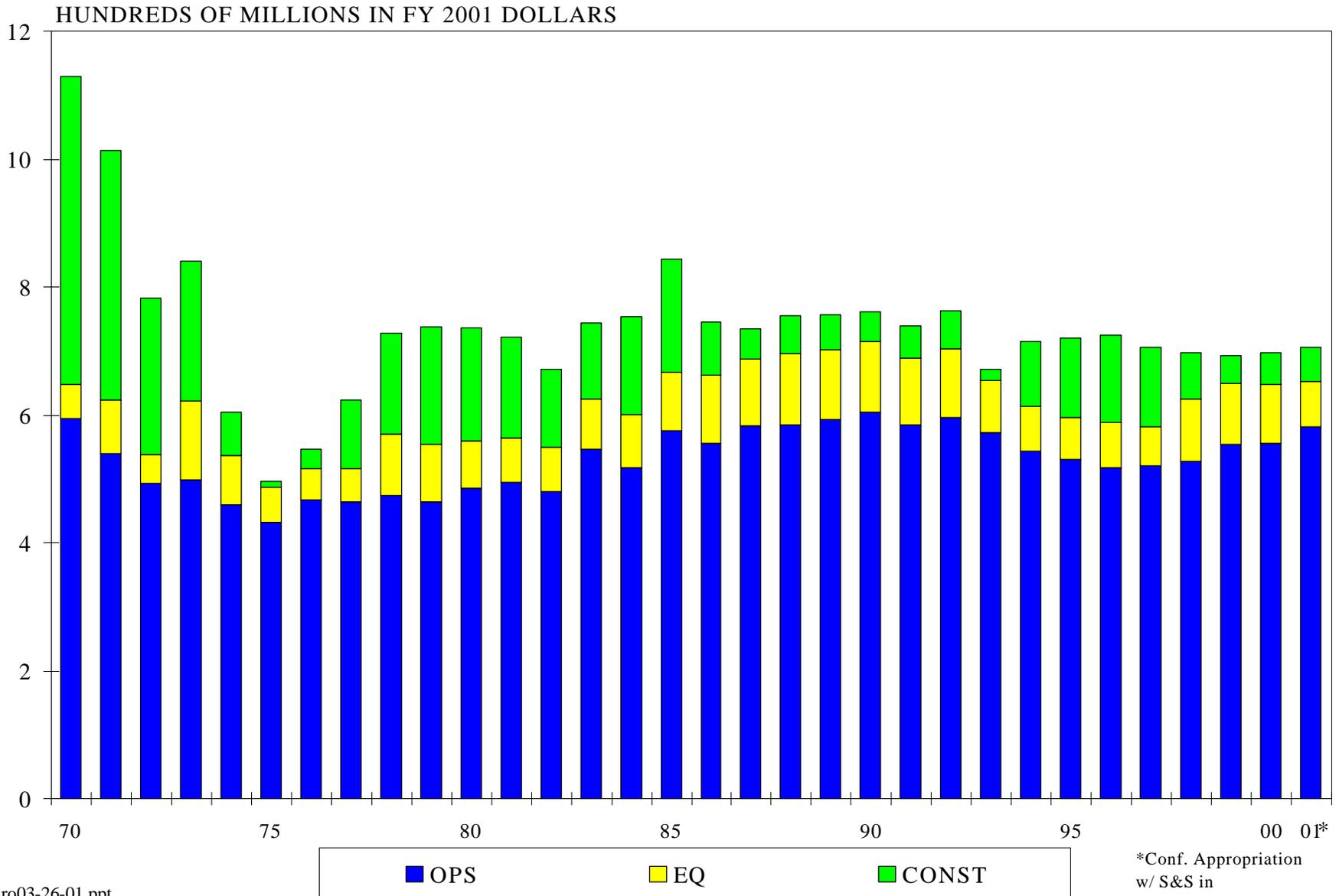
(B/A in Millions)

	<u>FY 1999*</u>	<u>FY 2000*</u>	<u>FY 2001*</u>	<u>FY 2002</u>
Congressional Budget Request	\$ 691.0	\$ 697.1	\$ 717.2	\$??
House Appropriations Bill	696.5	715.5	714.7	
General Reduction (HEP share)	<u>0.0</u>	<u>-7.1</u>	<u>-3.4</u>	
Net	696.5	708.4	711.3	
Senate Appropriations Bill	691.0	691.1	677.0	
Jeffords Reduction	-11.0	--	--	
General Reduction (HEP Share)	<u>-1.5</u>	<u>-0.7</u>	<u>-12.3</u>	
Net	678.5	690.4	664.7	
Conference Committee	696.5	707.9	726.1	
General Reduction (HEP Share)	-2.6	-7.8	-7.1	
Omnibus Reduction	<u>--</u>	<u>-2.4</u>	<u>--</u>	
Appropriation after reductions	693.9	697.7	719.0	
Comparability Adjustment	<u>-3.9</u>	<u>--</u>	<u>-5.5</u>	
Net Appropriated	\$ 690.0	\$ 697.7	\$ 713.5	
SBIR & STTR	<u>-14.8</u>	<u>-14.7</u>	<u>-15.1</u>	
Net Funding Available	\$ 675.2	\$ 683.0	\$ 698.4	

**Includes funding for Safeguards & Security*

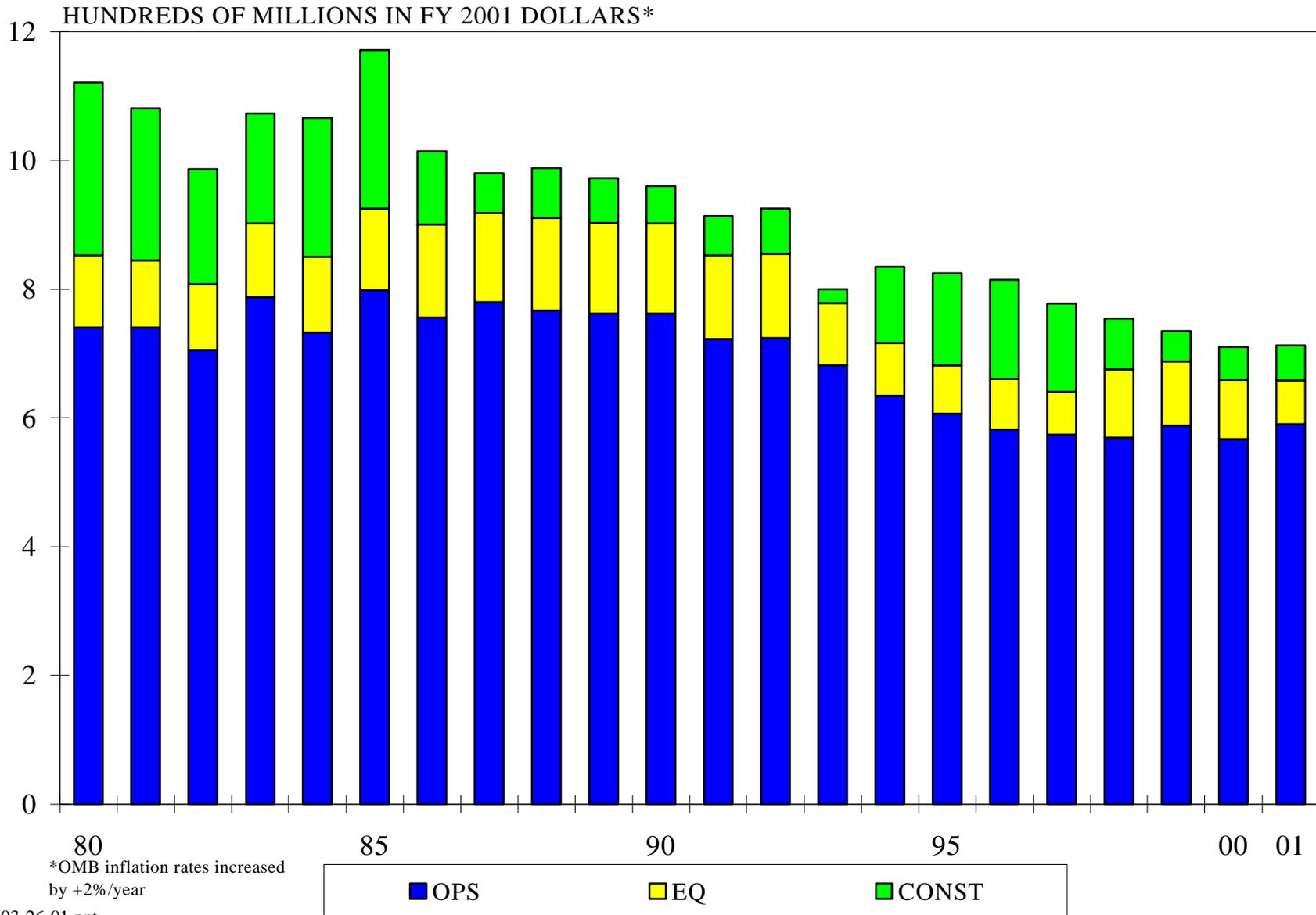


High Energy Physics Funding



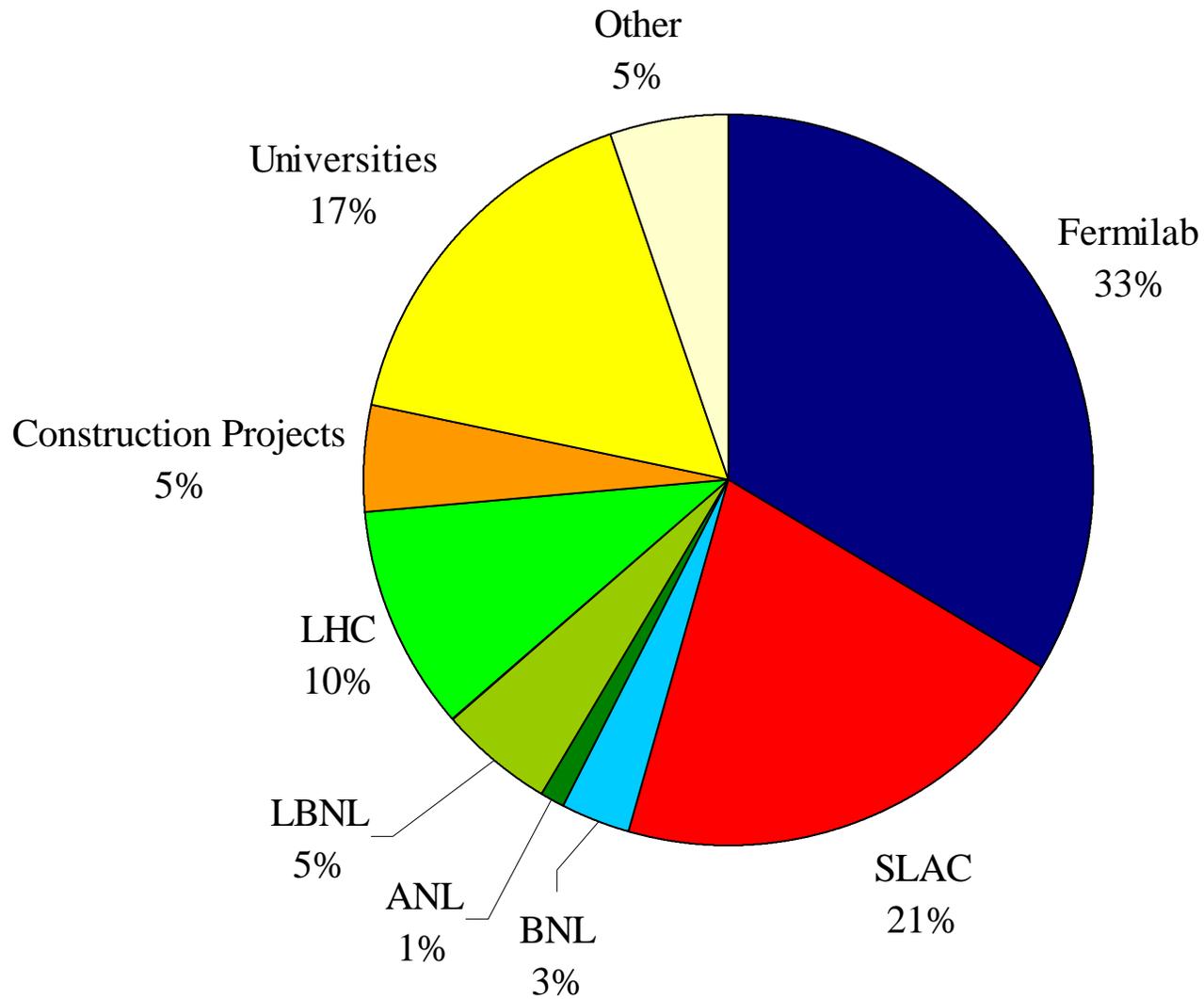


High Energy Physics Funding





FY 2001 Budget Distribution by Major Component





FY 2002 President's Budget Request to Congress

- Will be submitted to Congress on April 9, 2001.
- The budget request for High Energy Physics for FY 2002 will be discussed with HEPAP, including responses from the laboratories and the university community, at the next HEPAP meeting.