

Preliminary APLU CGA FY2022 Appropriations Priorities (\$ in millions)

	FY2020	FY2021	FY2020 – FY2021 % Change	FY2022 PBR	FY2022 PBR – FY21 Enacted % Change	FY2022 Preliminary APLU Request*
AGRICULTURE						
NIFA, <i>Hatch Act</i> (State Agricultural Experiment Stations)	259	259	0.00%			280
NIFA, <i>Smith Lever Funds</i> (Extension Activities)	315	315	0.00%			340
NIFA, <i>Evans-Allen Program</i> (1890s Research and Education)	67	73	+8.96%			79
NIFA, <i>1890 Institutions Extension Services</i>	57	62	+8.77%			67
NIFA, <i>McIntire-Stennis Cooperative Forestry</i>	36	36	0.00%			39
NIFA, <i>Research Grants for 1994 Institutions</i>	3.8	4	+5.26%			6
NIFA, <i>Extension Services at 1994 Institutions</i>	8	8.5	+6.25%			10
NIFA, <i>Payments Funding for 1994 Institutions</i>	4	4.5	+12.50%			6
NIFA, <i>Agriculture and Food Research Initiative (AFRI)</i>	425	435	+2.35%			470
NIFA, <i>International Agriculture Programs, Partnerships to Build Capacity in International Agriculture (PL115-334, Section 7123)ⁱ</i>	1					10
NIFA, <i>Multicultural Scholars, Graduate Fellowship, and Institution Challenge Grants</i>	9	9.5	+5.56%			10.5
NIFA, <i>Education Grants for 1890 Institutions</i>	23	26	+13.04%			28
COMMERCE-JUSTICE-SCIENCE						
National Science Foundation (NSF)	8,280	8,487	+2.50%	10,200	20.18%	10,000
National Aeronautics and Space Administration (NASA), <i>Science Mission Directorate</i>	7,139	7,301	+2.27%			9,000
NASA, <i>Aeronautics Research Directorate</i>	784	828.7	+5.70%	915	10.41%	900
NASA, <i>Space Technology</i>	1,100	1,100	0.00%	1,400	27.27%	1,500
NASA, <i>Space Grant Program</i>	48	51	+6.25%			60
National Oceanic and Atmospheric Administration (NOAA), <i>Oceanic and Atmospheric Research</i>	548	570.6	+4.12%			640
NOAA, <i>Sea Grant</i>	67 ⁱⁱ	69.5	+3.73%			107.9
NOAA, <i>Marine Aquaculture Program</i>	13	13	0.00%			15
National Institute for Standards and Technology (NIST), <i>Manufacturing Extension Partnerships (MEP)</i>	146	150	+2.74%	275	83.33%	165
NIST, <i>National Network for Manufacturing Innovation</i>	16	16.5	+3.13%			40
Economic Development Administration, <i>Build to Scale (formerly Regional Innovation Strategies Program)</i>	35	38	+8.57%			50

*APLU advocates at a minimum for these request figures

ⁱ Programs authorized in the 2018 Farm Bill

ⁱⁱ NOAA's Sea Grant base program received \$67 M in FY2020, the remaining funds were used for amberjack estimates in the Gulf of Mexico (\$5 M) and lobster research (\$2 M).

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DEFENSE <i>see page 4 for specific program element recs</i>						
Department of Defense, <i>Science & Technology (6.1-6.3)</i>	16,074	16,873	+4.97%			17,885
Department of Defense, <i>S&T, Basic Research (6.1)</i>	2,603	2,671	+2.61%			2,831
Department of Defense, <i>DARPA</i>	3,458	3,501	+1.24%			3,712
ENERGY AND WATER DEVELOPMENT						
Department of Energy (DOE), <i>Office of Science</i>	7,000	7,026	+0.37%	7,400	5.32%	7,700
DOE, <i>Advanced Research Projects Agency for Energy</i>	425	427	+0.47%			500
INTERIOR-ENVIRONMENT						
United States Geological Survey (USGS), <i>Water Resources Research Act (WRRRA)</i>	10	11	+10.00%			15
USGS, <i>Cooperative Research Units (CRUs)</i>	24	25	+4.17%			27
Environmental Protection Agency (EPA), <i>Office of Science and Technology</i>	716	729.3	+1.86%			773
National Endowment for the Humanities (NEH)	162.3	167.5	+3.20%			225
Joint Fire Science Program ⁱ	6	6	0.00%			16
LABOR-HEALTH AND HUMAN SERVICES- EDUCATION						
HHS, <i>National Institutes of Health (NIH)</i>	41,700	42,900	+2.88%	51,000	18.88%	46,111
Department of Education (ED) Student Aid, <i>Pell Grant – appropriated amount; [total maximum individual award]</i>	22,475 [6,345] <small>*rescinds \$500M from surplus</small>	22,475 [6,495] <small>*rescinds \$500M from surplus</small>	0.00% [+2.36%]	** [6,895]	6.16%	** [13,000]
ED Student Aid, <i>Supplemental Educational Opportunity Grant (SEOG)</i>	865	880	+1.73%			1,061
ED Student Aid, <i>Federal Work Study</i>	1,180	1,190	+0.85%			1,480
ED Student Aid, <i>TRIO Programs</i>	1,090	1,097	+0.64%			1,316
ED Student Aid, <i>GEAR UP Programs</i>	365	368	+0.82%			435
ED Student Aid, <i>Graduate Assistance in Areas of National Need (GAANN)</i>	23	23.5	+2.17%			35
ED, <i>International Education Programs (Title VI)</i>	76.2	78.2	+2.62%			151
ED, <i>Institute of Education Sciences (IES)</i>	623.5	642.5	+3.05%			700

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ⁱThe Joint Fire Science Program is jointly funded in the Int-Enviro bill by the Dept. of Interior Wildland Fire Management account and the USDA Forest Service Wildland Fire account

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STATE-FOREIGN OPERATIONS						
U.S. Agency for International Development (USAID), <i>Higher Education</i>	235	235	0.00%			270
USAID, <i>partnerships for US & developing nation universities</i>	35	35	0.00%			50
USAID, <i>Feed the Future Innovation Labs</i>	55	55	0.00%			70

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Department of Defense, Science & Technology (6.1-6.3)
Program Element Recommendations
(\$ in Thousands)

Agency/ Account	Item	Program Element (PE)	FY2020	FY2021	FY2020 – FY2021 % Change	FY2022 PBR TBD	FY2022 PBR – FY21 Enacted % Change TBD	FY2022 Preliminary APLU Request*
Army RDT&E	Defense Research Sciences	601102A	354,480	367,457	+3.66%			389,504
Army RDT&E	University Research Initiatives	601103A	87,858	97,148	+10.57%			102,977
Army RDT&E	University and Industry Research Centers	601104A	127,164	121,877	- 4.16%			129,190
Navy RDT&E	University Research Initiatives	601103N	167,850	144,816	-13.72%			153,505
Navy RDT&E	Defense Research Sciences	601153N	463,829	489,984	+5.64%			519,383
Air Force RDT&E	Defense Research Sciences	601102F	356,107	325,348	-8.64%			344,869
Air Force RDT&E	University Research Initiatives	601103F	178,859	196,861	+10.06%			208,673
Defense-Wide RDT&E	DTRA Basic Research Initiatives	601000BR	26,000	14,617	-43.78%			15,494
Defense-Wide RDT&E	Basic Research Initiatives	601110D8Z	70,874	75,565	+6.62%			80,099
Defense-Wide RDT&E	Minerva Research Initiative**	0601110D8Z	11,414	17,000	+48.94%			17,000
Defense-Wide RDT&E	National Defense Education Program	601120D8Z	144,074	137,241	-4.74%			145,475
Defense Wide RDT&E	Defense-Wide Manufacturing S&T Technology Program	603680D8Z	197,397	245,817	+24.53%			260,566
DHP RDT&E	Undistributed Medical Research/ Peer-Reviewed (CDMRPs)	N/A	1,615,600	1,763,900	+9.18%			1,869,734

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** The Minerva Research Initiative is a project within the Basic Research Initiatives Program Element.