

Final FY2017-FY2021 Appropriations Allocations for APLU Priorities (\$ in millions)

- : Program was not in existence n/a : APLU was not tracking this line item

| | FY2017 | % Change FY16-FY17 | FY2018 | % Change FY17-FY18 | FY2019 | % Change FY18-FY19 | FY2020 | % Change FY19-FY20 | FY2021 | % Change FY20-FY21 |
|---|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|
| AGRICULTURE | | | | | | | | | | |
| NIFA, <i>Hatch Act Funds</i> | 243.7 | 0.00% | 243.7 | 0.00% | 259 | +6.28% | 259 | 0.00% | 315 | 0.00% |
| NIFA, <i>Smith Lever Funds 3(b) and 3(c)</i> | 300 | 0.00% | 300 | 0.00% | 315 | +5.00% | 315 | 0.00% | 315 | +0.00% |
| NIFA, <i>Evans-Allen Program</i> | 54.2 | 0.00% | 54.2 | 0.00% | 58 | +7.01% | 67 | +15.52% | 73 | +8.96% |
| NIFA, <i>1890 Institutions Extension Services</i> | 45.6 | 0.00% | 45.6 | 0.00% | 48.6 | +6.58% | 57 | +17.28% | 62 | +8.77% |
| NIFA, <i>McIntire-Stennis Cooperative Forestry</i> | 34 | 0.00% | 34 | 0.00% | 36 | +5.88% | 36 | 0.00% | 36 | 0.00% |
| NIFA, <i>Research Grants for 1994 Institutions</i> | n/a | | n/a | | 3.8 | | 3.8 | 0.00% | 4 | +5.26% |
| NIFA, <i>Extension Services at 1994 Institutions</i> | n/a | | n/a | | 6.4 | | 8 | +25.00% | 8.5 | +6.25% |
| NIFA, <i>Payments Funding for 1994 Institutions</i> | n/a | | n/a | | 3.4 | | 4 | +17.65% | 4.5 | +12.50% |
| NIFA, <i>Agriculture and Food Research Initiative (AFRI)</i> | 375 | +7.14% | 400 | +6.67% | 415 | +3.75% | 425 | +2.41% | 435 | +2.35% |
| NIFA, <i>International Agriculture Programs</i> | - | | - | | - | | 1 | | | |
| COMMERCE-JUSTICE-SCIENCE | | | | | | | | | | |
| National Science Foundation (NSF) | 7,472 | +0.12% | 7,767 | +3.95% | 8,075 | +3.97% | 8,280 | +2.54% | 8,487 | +2.50% |
| National Aeronautics and Space Administration (NASA), <i>Science Mission Directorate</i> | 5,765 | +3.15% | 6,222 | +7.93% | 6,905 | +10.98% | 7,139 | +3.39% | 7,301 | +2.27% |
| NASA, <i>Aeronautics Research Directorate</i> | 660 | +3.13% | 685 | +3.79% | 725 | +5.84% | 784 | +8.14% | 828.7 | +5.70% |
| NASA, <i>Space Technology</i> | 687 | 0.00% | 760 | +10.63% | 927 | +21.97% | 1,100 | +18.66% | 1,100 | 0.00% |
| NASA, <i>Space Grant Program</i> | 40 | 0.00% | 40 | 0.00% | 44 | +10.00% | 48 | +9.09% | 51 | +6.25% |
| National Oceanic and Atmospheric Administration (NOAA), <i>Oceanic and Atmospheric Research</i> | 514 | +6.64% | 508 | -1.17% | 525 | +3.35% | 548 | +4.38% | 570.6 | +4.12% |
| NOAA, <i>Sea Grant</i> | 63 | -1.56% | 65 | +3.17% | 68 | +4.62% | 74 | +8.82% | 69.5 | +3.73% |
| NOAA, <i>Marine Aquaculture Program</i> | 9.5 | +5.56% | 11.5 | +21.05% | 12 | +9.09% | 13 | +8.33% | 13 | 0.00% |
| National Institute for Standards and Technology (NIST), <i>Manufacturing Extension Partnerships (MEP)</i> | 130 | 0.00% | 140 | +7.69% | 140 | 0.00% | 146 | +4.29% | 150 | +2.74% |
| NIST, <i>National Network for Manufacturing Innovation</i> | - | | 15 | | 15 | 0.00% | 16 | +6.67% | 16.5 | +3.13% |
| Economic Development Administration (EDA), <i>Regional Innovation Program</i> | - | | 21 | | 23.5 | +11.90% | 33 | +40.43% | 38 | +15.15% |
| DEFENSE <i>see addendum for specific program</i> | | | | | | | | | | |
| Department of Defense, <i>Science & Technology (6.1-6.3)</i> | 14,011 | 5.74% | 14,864 | 6.09% | 15,960 | 7.37% | 16,074 | 0.71% | 16,873 | +4.97% |
| Department of Defense, <i>S&T, Basic Research</i> | 2,276 | -1.43% | 2,343 | 2.94% | 2,529 | 7.94% | 2,603 | 2.93% | 2,671 | +2.61% |
| Department of Defense, <i>DARPA</i> | 2,889 | -0.07% | 3,072 | 6.33% | 3,432 | 11.72% | 3,458 | 0.76% | 3,501 | +1.24% |

| | FY2017 | % Change FY16-FY17 | FY2018 | % Change FY17-FY18 | FY2019 | % Change FY18-FY19 | FY2020 | % Change FY19-FY20 | FY2021 | % Change FY20-FY21 |
|---|--|-----------------------|-------------------|-----------------------|--|-----------------------|--|-----------------------|---|-----------------------|
| ENERGY AND WATER DEVELOPMENT | | | | | | | | | | |
| Department of Energy (DOE), <i>Office of Science</i> | 5,392 | 0.79% | 6,260 | 16.10% | 6,585 | 5.19% | 7,000 | 6.30% | 7,026 | +0.37% |
| DOE, <i>Advanced Research Projects Agency for Energy (ARPA-E)</i> | 306 | 5.15% | 353 | 15.36% | 366 | 3.68% | 425 | 16.12% | 427 | +0.47% |
| INTERIOR-ENVIRONMENT | | | | | | | | | | |
| United States Geological Survey (USGS), <i>Water Resources Research Institutes (WRI)</i> | 6.5 | 0.00% | 6.5 | 0.00% | 6.5 | 0.00% | 10 | +53.85% | +10.00% | +10.00% |
| USGS, <i>Cooperative Fish and Wildlife Research Units (CRUs)</i> | 17.4 | 0.00% | 17.3 | -0.57% | 18.4 | +6.36% | 24 | +30.43% | +4.17% | +4.17% |
| Environmental Protection Agency (EPA), <i>Office of Science and Technology</i> | 706 | -3.95% | 706 | 0.00% | 706 | 0.00% | 716 | +1.42% | +1.86% | +1.86% |
| National Endowment for the Humanities | 150 | +1.42% | 153 | +2.00% | 155 | +1.31% | 162.3 | +4.71% | +3.20% | +3.20% |
| Joint Fire Science Program ⁱ | n/a | | n/a | | 6 | | 6 | 0.00% | 0.00% | 0.00% |
| LABOR-HEALTH AND HUMAN SERVICES- EDUCATION | | | | | | | | | | |
| HHS, <i>National Institutes of Health (NIH)</i> | 34,084 | +6.23% | 37,084 | +8.80% | 39,084 | +5.39% | 41,700 | +6.69% | 42,900 | +2.88% |
| HHS, <i>Health Resources Services Administration (HRSA) Title VII and VIII</i> | 539 | - | 641 | +18.92% | 642 | +0.16% | 734.5 (incl. new programs) | +14.41% | 754 | +2.65% |
| HHS, <i>Agency for Healthcare Research and Quality (AHRQ)</i> | 324 | -2.99% | 334 | +3.09% | 338 | +1.20% | 338 | 0.00% | 338 | 0.00% |
| Department of Education (ED) Student Aid, <i>Pell Grant –appropriated amount; [total maximum individual award]</i> | 22,475 [5,920] *rescinds \$1.3B | +1.81% | 22,475 [6,095] | +2.96% | 22,475 [6,195] *rescinds \$600M | +1.64% | 22,475 [6,345] *rescinds \$500M | +2.42% | 22,475 [6,495] *rescinds \$500M from surplus | 0.00% [+2.36%] |
| ED Student Aid, <i>Graduate Assistance in Areas of National Need (GAANN)</i> | 28 | -4.44% | 23 | -17.86% | 23 | 0.00% | 23 | 0.00% | 880 | +1.73% |
| ED Student Aid, <i>Supplemental Educational Opportunity Grant (SEOG)</i> | 733 | 0.00% | 840 | +14.60% | 840 | 0.00% | 865 | +2.98% | 1,190 | +0.85% |
| ED Student Aid, <i>Federal Work Study</i> | 990 | 0.00% | 1,130 | +14.14% | 1,130 | 0.00% | 1,180 | +4.42% | 1,097 | +0.64% |
| ED Student Aid, <i>TRIO Programs</i> | 950 | +5.56% | 1,010 | +6.32% | 1,060 | +4.95% | 1,090 | +2.83% | 368 | +0.82% |
| ED Student Aid, <i>GEAR UP Programs</i> | 340 | +5.26% | 350 | +2.94% | 360 | +2.86% | 365 | +1.39% | 23.5 | +2.17% |
| ED, <i>International Education Programs (Title VI)</i> | 72 | 0.00% | 72 | 0.00% | 72 | 0.00% | 76.2 | +5.83% | 78.2 | +2.62% |
| ED, <i>Institute of Education Sciences (IES)</i> | 605 | -2.10% | 613 | +1.32% | 615 | +0.33% | 623.5 | +1.38% | 642.5 | +3.05% |

| STATE-FOREIGN OPERATIONS | | | | | | | | | | |
|---|-----|-------|-----|---------|-----|-------|-----|-------|-----|-------|
| U.S. Agency for International Development (USAID), <i>Higher Education</i> | n/a | | n/a | | 235 | | 235 | 0.00% | 235 | 0.00% |
| USAID, <i>partnerships for US & developing nation universities</i> | 35 | 0.00% | 35 | 0.00% | 35 | 0.00% | 35 | 0.00% | 35 | 0.00% |
| USAID, <i>Feed the Future Innovation Labs</i> | 50 | 0.00% | 55 | +10.00% | 55 | 0.00% | 55 | 0.00% | 55 | 0.00% |
| State Department, <i>Benjamin A. Gilman International Scholarship Program</i> | n/a | | n/a | | 16 | | 16 | 0.00% | 16 | 0.00% |
| Department of State, <i>Study Abroad Initiatives, Capacity-Building / Increase and Diversify Education Abroad for U.S. Students (IDEAS)</i> | n/a | | n/a | | 15 | | N/A | | N/A | |

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

| Agency/Account | Program Element (PE) | FY2018 | % Change FY17-FY18 | FY2019 | % Change FY18-FY19 | FY2020 | % Change FY19-FY20 | FY2021 | % Change FY20-FY21 |
|--------------------|---|-----------|-----------------------|-----------|-----------------------|-----------|-----------------------|-----------|-----------------------|
| Army RDT&E | Defense Research Sciences | 273,590 | -6.66% | 315,912 | +15.47% | 354,480 | +12.21% | 367,457 | +3.66% |
| Army RDT&E | University Research Initiatives | 77,027 | +11.37% | 65,283 | -15.25% | 87,858 | +34.58% | 97,148 | +10.57% |
| Army RDT&E | University and Industry Research Centers | 107,395 | -4.35% | 114,115 | +6.26% | 127,164 | +11.43% | 121,877 | - 4.16% |
| Navy RDT&E | University Research Initiatives | 144,130 | +18.42% | 161,433 | +12.01% | 167,850 | +3.98% | 144,816 | -13.72% |
| Navy RDT&E | Defense Research Sciences | 458,333 | +8.42% | 499,208 | +8.92% | 463,829 | -7.09% | 489,984 | +5.64% |
| Air Force RDT&E | Defense Research Sciences | 342,919 | -9.95% | 383,322 | +11.78% | 356,107 | -7.10% | 325,348 | -8.64% |
| Air Force RDT&E | University Research Initiatives | 162,923 | +8.58% | 164,991 | +1.27% | 178,859 | +8.41% | 196,861 | +10.06% |
| Defense-Wide RDT&E | DTRA Basic Research Initiatives | 37,201 | +4.98% | 37,023 | -0.48% | 26,000 | -29.77% | 14,617 | -43.78% |
| Defense-Wide RDT&E | Basic Research Initiatives | 40,612 | -40.41% | 56,702 | +39.62% | 70,874 | +24.99% | 75,565 | +6.62% |
| Defense-Wide RDT&E | Minerva Research Initiative** | n/a | n/a | 10,235 | | 11,414 | +11.52% | 17,000 | +48.94% |
| Defense-Wide RDT&E | National Defense Education Program | 103,298 | +30.19% | 135,919 | +31.58% | 144,074 | +6.00% | 137,241 | -4.74% |
| Defense Wide RDT&E | Defense-Wide Manufacturing S&T Technology Program | 186,159 | +17.53% | 174,887 | -6.06% | 197,397 | +12.87% | 245,817 | +24.53% |
| DHP RDT&E | Undistributed Medical Research/Peer-Reviewed (CDMRPs) | 1,386,100 | +8.36% | 1,470,300 | +6.07% | 1,615,600 | +9.88% | 1,763,900 | +9.18% |

APLU did not track specific Defense accounts until FY2017