



# Alternative Fuels & Chemicals Coalition

Advocating for Public Policies to Promote the Development & Production of Alternative Fuels & Chemicals, with a Focus on Sustainable Aviation Fuels

## AFCC's FY2020 Appropriations Requests: Results

AFCC Watchlist Number	Appropriations Subcommittee, Agency, Program	FY2019 Appropriation*	President's FY2020 Budget Requests	AFCC's FY2020 Requests**	Increase (Decrease) of AFCC's Request over President's Request	FY2020 Appropriation**	Increase (Decrease) over FY2019	Increase (Decrease) over President's FY2020 Request**
<p>*Note: \$0 indicates line items which received funding prior to FY2019 not in FY2019; \$0 indicates items that have not received prior year funding</p> <p>** Note: amounts marked in green indicate requests to restore prior year funding levels or to appropriate authorized funding levels for programs that were not funded in 2019</p> <p>** Note: amounts marked in green indicate funding amounts that were appropriated despite the President's request to eliminate their funding; amounts marked in orange indicate amounts that were appropriated despite the request to cut their funding.</p>								
<b>Agriculture &amp; Rural Development (PL = Program Level; BA = Budget Authority)</b>								
<b>U.S. Department of Agriculture (USDA)</b>								
1	Business & Industry Loan Guarantees - Discretionary: PL	\$920,000,000	\$1,000,000,000	\$1,000,000,000	\$0	\$950,000,000	\$30,000,000	(\$50,000,000)
	Business & Industry Loan Guarantees - Discretionary: BA	\$37,000,000	\$21,000,000	\$35,000,000	\$14,000,000	\$33,200,000	(\$3,800,000)	\$12,200,000
2	Section 9002 Biobased Products Procurement Program (USDA BioPreferred Program) - Discretionary: BA	\$3,000,000	\$0	\$3,000,000	\$3,000,000	\$3,000,000	\$0	\$3,000,000
	Section 9002 Biobased Products Procurement Program (USDA BioPreferred Program) - Mandatory: BA	\$3,000,000	\$0	\$3,000,000	\$3,000,000	\$3,000,000	\$0	\$3,000,000
3	Section 9003 Bioenergy, Renewable Chemical, and BioBased Product Manufacturing Assistance - Mandatory: PL	\$127,000,000	\$127,000,000	\$127,000,000	\$0	\$63,500,000	(\$63,500,000)	(\$63,500,000)
	Section 9003 Bioenergy, Renewable Chemical, and BioBased Product Manufacturing Assistance - Mandatory: BA	\$50,000,000	\$25,000,000	\$25,000,000	\$0	\$25,000,000	(\$25,000,000)	\$0
	Section 9003 Bioenergy, Renewable Chemical, and BioBased Product Manufacturing Assistance - Discretionary: BA	\$0	\$0	\$25,000,000	\$25,000,000	\$0	\$0	\$0
4	Section 9005 Bioenergy Program for Advanced Biofuels - Mandatory: PL & BA	\$7,000,000	\$7,000,000	\$7,000,000	\$0	\$7,000,000	\$0	\$0
	Section 9005 Bioenergy Program for Advanced Biofuels - Discretionary: BA	\$0	\$0	\$20,000,000	\$20,000,000	\$0	\$0	\$0
5	Section 9007 Rural Energy for American Program - Loan Guarantees - Mandatory: PL	\$487,000,000	\$0	\$487,000,000	\$487,000,000	\$163,120,000	(\$323,880,000)	\$163,120,000
	Section 9007 Rural Energy for American Program - Loan Guarantees - Mandatory: BA	\$22,000,000	\$0	\$25,000,000	\$25,000,000	\$5,758,000	(\$16,242,000)	\$5,758,000
5 & 6	Section 9007 Rural Energy for American Program - Loan Guarantees/Grants - Discretionary: PL	\$7,000,000	\$0	\$20,000,000	\$20,000,000	\$20,000,000	\$13,000,000	\$20,000,000
	Section 9007 Rural Energy for American Program - Loan Guarantees/Grants - Discretionary: BA	\$0	\$0	\$0	\$0	\$706,000	\$706,000	\$706,000
6	Section 9007 Rural Energy for American Program - Grants - Mandatory: BA	\$28,000,000	(\$16,000,000)	\$25,000,000	\$41,000,000	\$41,292,000	\$13,292,000	\$57,292,000
7	Section 9008 Biomass Research and Development - Discretionary: BA	\$0	\$0	\$3,000,000	\$3,000,000	\$0	\$0	\$0
8	Section 9011 Biomass Crop Assistance Program (BCAP) - Mandatory: BA	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Section 9011 Biomass Crop Assistance Program (BCAP) - Discretionary: BA	\$0	\$0	\$25,000,000	\$25,000,000	\$0	\$0	\$0
9	USDA Value Added Producer Grants - Discretionary: BA	\$15,000,000	\$0	\$15,000,000	\$15,000,000	\$15,000,000	\$0	\$15,000,000
<b>USDA, Rural Development Subtotal:</b>		<b>\$1,706,000,000</b>	<b>\$1,164,000,000</b>	<b>\$1,846,000,000</b>	<b>\$682,000,000</b>	<b>\$1,330,576,000</b>	<b>(\$375,424,000)</b>	<b>\$166,576,000</b>
<b>Commerce, Justice, and Science (CJS)</b>								
<b>U.S. Department of Commerce (DOC)</b>								
10	Economic Development Administration	\$266,500,000	\$0	\$265,000,000	\$265,000,000	\$292,500,000	\$26,000,000	\$292,500,000
11	National Oceanic and Atmospheric Administration (NOAA) Oceanic and Atmospheric Research (OAR)	\$525,060,000	\$309,141,000	\$525,000,000	\$215,859,000	\$548,384,000	\$23,324,000	\$239,243,000
12	NOAA, Office of Marine and Aviation Operations (OMAO)	\$226,420,000	\$231,673,000	\$231,673,000	\$0	\$274,490,000	\$48,070,000	\$42,817,000
13	National Institute of Standards and Technology (NIST), Scientific and Technical Research Services (STRS)	\$724,500,000	\$698,000,000	\$949,000,000	\$251,000,000	\$754,000,000	\$29,500,000	\$56,000,000
14	National Institute of Standards and Technology (NIST), Industrial Technology Services, Manufacturing Extension Partnership (MEP)	\$155,000,000	\$0	\$155,000,000	\$155,000,000	\$155,000,000	\$0	\$155,000,000
<b>DOC Subtotal:</b>		<b>\$1,897,480,000</b>	<b>\$1,238,814,000</b>	<b>\$2,125,673,000</b>	<b>\$886,859,000</b>	<b>\$2,024,374,000</b>	<b>\$126,894,000</b>	<b>\$785,860,000</b>
<b>National Science Foundation (NSF)</b>								
15	Research and Related Activities	\$6,556,183,000	\$5,818,612,413	\$6,300,000,000	\$481,387,587	\$6,737,200,000	\$181,017,000	\$918,587,587
16	Education and Human Resources	\$915,000,000	\$812,062,500	\$908,000,000	\$95,937,500	\$940,000,000	\$25,000,000	\$127,937,500
17	Major Research Equipment and Facilities Construction	\$249,254,000	\$221,212,925	\$250,000,000	\$28,787,075	\$243,230,000	(\$6,024,000)	\$22,017,075
18	Agency Operations and Award Management	\$328,510,000	\$291,552,625	\$330,000,000	\$38,447,375	\$336,900,000	\$8,390,000	\$45,347,375
19	National Science Board	\$4,370,000	\$3,878,375	\$4,370,000	\$491,625	\$4,500,000	\$130,000	\$621,625
20	Office of Inspector General	\$15,350,000	\$13,623,125	\$15,200,000	\$1,576,875	\$16,500,000	\$1,150,000	\$2,876,875
<b>NSF Subtotal:</b>		<b>\$8,068,667,000</b>	<b>\$7,160,941,963</b>	<b>\$7,807,570,000</b>	<b>\$646,628,037</b>	<b>\$8,278,330,000</b>	<b>\$209,663,000</b>	<b>\$1,117,388,037</b>
<b>Energy &amp; Water (E&amp;W)</b>								
<b>U.S. Department of Energy (DOE)</b>								
21	Advanced Research Program Agency - Energy (ARPA-E)	\$366,000,000	\$0	\$360,000,000	\$360,000,000	\$425,000,000	\$59,000,000	\$425,000,000
22	Office of Science	\$6,585,000,000	\$5,500,000,000	\$6,400,000,000	\$900,000,000	\$7,000,000,000	\$415,000,000	\$1,500,000,000
23	Office of Energy Efficiency and Renewable Energy (EERE)	\$2,379,000,000	\$343,000,000	\$2,350,000,000	\$2,007,000,000	\$2,848,000,000	\$499,000,000	\$2,505,000,000
24	Title 17 Innovative Technology Loan Program - Administrative Expenses	\$33,000,000	\$0	\$33,000,000	\$33,000,000	\$32,000,000	(\$1,000,000)	\$32,000,000
25	Title 17 Loan Authority	\$24,000,000,000	\$0	\$24,000,000,000	\$24,000,000,000	\$24,000,000,000	\$0	\$24,000,000,000
26	Title 17 Tribal Energy Program	\$1,000,000	\$0	\$1,000,000	\$1,000,000	\$2,000,000	\$1,000,000	\$2,000,000
27	Advanced Technology Vehicles Manufacturing (ATVM) Loan Program	\$5,000,000	\$0	\$5,000,000	\$5,000,000	\$5,000,000	\$0	\$5,000,000
28	ATVM Loan Authority	\$16,000,000,000	\$0	\$16,000,000,000	\$16,000,000,000	\$16,000,000,000	\$0	\$16,000,000,000
<b>DOE Subtotal:</b>		<b>\$49,369,000,000</b>	<b>\$5,843,000,000</b>	<b>\$49,149,000,000</b>	<b>\$43,306,000,000</b>	<b>\$50,312,000,000</b>	<b>\$943,000,000</b>	<b>\$44,469,000,000</b>
<b>Interior &amp; Environment (I&amp;E)</b>								
<b>U.S. Department of the Interior (DOI)</b>								
29	Bureau of Indian Affairs, Office of Indian Energy and Economic Development. NOTE: the FY2020 appropriation was included in \$1,577,110,000 appropriation for the Operation of Indian Programs; since this is the same amount that was appropriated to the program in FY2017, AFCC has estimated the appropriation for this program also is the same as in FY2012	\$174,616,164	\$0	\$175,000,000	\$175,000,000	\$120,000,000	(\$54,616,164)	\$120,000,000
30	Bureau of Indian Affairs, Indian Guaranteed Loan Program	\$10,779,000	\$909,000	\$10,800,000	\$9,891,000	\$11,799,000	\$1,020,000	\$10,890,000
31	Bureau of Ocean Energy Management, Ocean Energy Management	\$179,266,000	\$0	\$172,000,000	\$172,000,000	\$191,511,000	\$12,245,000	\$191,511,000
32	Office of Surface Mining Reclamation and Enforcement, Abandoned Mine Reclamation Fund	\$115,000,000	\$0	\$115,000,000	\$115,000,000	\$117,768,000	\$2,768,000	\$117,768,000
<b>DOI Subtotal:</b>		<b>\$479,661,164</b>	<b>\$909,000</b>	<b>\$472,800,000</b>	<b>\$471,891,000</b>	<b>\$441,078,000</b>	<b>(\$38,583,164)</b>	<b>\$440,169,000</b>
<b>U.S. Environmental Protection Agency (EPA)</b>								
33	Resource Conservation and Recovery Act (RCRA), RCRA Waste Management	\$58,728,000	\$46,813,000	\$58,728,000	\$11,915,000	\$66,819,000	\$8,091,000	\$20,006,000

AFC Watchlist Number	Appropriations Subcommittee, Agency, Program	FY2019 Appropriation*	President's FY2020 Budget Requests	AFC's FY2020 Requests**	Increase (Decrease) of AFC's Request over President's Request	FY2020 Appropriation**	Increase (Decrease) over FY2019	Increase (Decrease) over President's FY2020 Request**
<p style="text-align: center;">*Note: \$0 indicates line items which received funding prior to FY2019 not in FY2019; \$0 indicates items that have not received prior year funding</p> <p style="text-align: center;">** Note: amounts marked in red indicate requests to restore prior year funding levels or to appropriate authorized funding levels for programs that were not funded in 2019</p> <p style="text-align: center;">** Note: amounts marked in green indicate funding amounts that were appropriated despite the President's request to eliminate their funding; amounts marked in orange indicate amounts that were appropriated despite the request to cut their funding.</p>								
<b>U.S. Environmental Protection Agency (EPA), continued</b>								
36	Federal Vehicle and Fuels Standards and Certification	\$94,240,000	\$77,826,000	\$90,650,000	\$12,824,000	\$94,790,000	\$550,000	\$16,964,000
37	Pollution Prevention Program	\$1,077,041,000	\$0	\$1,100,000,000	\$1,100,000,000	\$1,075,907,000	(\$1,134,000)	\$1,075,907,000
38	Science to Achieve Results (STAR) Research Grants	\$28,536,000	\$0	\$40,000,000	\$40,000,000	\$28,600,000	\$64,000	\$28,600,000
<b>EPA Subtotal:</b>		<b>\$1,258,545,000</b>	<b>\$124,639,000</b>	<b>\$1,289,378,000</b>	<b>\$1,164,739,000</b>	<b>\$1,266,116,000</b>	<b>\$7,571,000</b>	<b>\$1,141,477,000</b>
<b>Transportation</b>								
<b>U.S. Department of Transportation (DOT) - Office of the Secretary</b>								
39	Fixing America's Surface Transportation (FAST) Act (P.L. 114-94)	\$45,268,596,000	\$46,813,000,000	\$46,813,000,000	\$0	\$46,365,092,000	\$1,096,496,000	(\$447,908,000)
40	National Infrastructure Investments	\$900,000,000	\$1,000,000,000	\$1,000,000,000	\$0	\$1,000,000,000	\$100,000,000	\$0
41	Research and Technology (OST-R)	\$8,471,000	\$22,000,000	\$22,000,000	\$0	\$21,000,000	\$12,529,000	(\$1,000,000)
42	Transportation Planning, Research & Development	\$7,879,000	\$8,000,000	\$12,000,000	\$4,000,000	\$10,879,000	\$3,000,000	\$2,879,000
<b>DOT Subtotal:</b>		<b>\$46,184,946,000</b>	<b>\$47,843,000,000</b>	<b>\$47,847,000,000</b>	<b>\$4,000,000</b>	<b>\$47,396,971,000</b>	<b>\$1,212,025,000</b>	<b>(\$446,029,000)</b>
<b>U.S. Department of Transportation (DOT) - Federal Aviation Administration (FAA)</b>								
43	Research, Engineering, and Development	\$191,100,000	\$120,000,000	\$180,000,000	\$60,000,000	\$192,655,000	\$1,555,000	\$72,655,000
44	Grants-in-Aid for Airports	\$3,350,000,000	\$3,350,000,000	\$3,350,000,000	\$0	\$3,350,000,000	\$0	\$0
45	Grants-in-Aid for Airports - Airport Development Discretionary Grants	\$500,000,000	\$0	\$500,000,000	\$500,000,000	\$400,000,000	(\$100,000,000)	\$400,000,000
46	Advanced Technology Development and Prototyping	\$33,000,000	\$40,900,000	\$40,900,000	\$0	\$40,900,000	\$7,900,000	\$0
47	Research, Engineering, and Development (RE&D), Next Generation Air Transportation System (NextGen)	\$61,796,000	\$31,100,000	\$61,800,000	\$30,700,000	\$61,538,000	(\$258,000)	\$30,438,000
48	Included under appropriation for NextGen: Environmental Research-Aircraft Technologies, Fuels, and Metrics	\$29,200,000	\$12,500,000	\$29,200,000	\$16,700,000	\$29,200,000	\$0	\$16,700,000
49	Included under appropriation for NextGen: Aviation Research Grants Program	\$32,000,000	\$0	\$32,000,000	\$32,000,000	\$0	(\$32,000,000)	\$0
50	Included under appropriation for NextGen: Alternative Fuels for General Aviation	\$1,900,000	\$0	\$7,000,000	\$7,000,000	\$1,900,000	\$0	\$1,900,000
51	Research, Engineering, and Development, Small Business Innovation Research (SBIR)	\$0	\$0	\$5,600,000	\$5,600,000	\$0	\$0	\$0
<b>FAA Subtotal:</b>		<b>\$4,198,996,000</b>	<b>\$3,554,500,000</b>	<b>\$4,206,500,000</b>	<b>\$652,000,000</b>	<b>\$4,076,193,000</b>	<b>(\$122,803,000)</b>	<b>\$521,693,000</b>
<b>Totals:</b>		<b>\$113,163,295,164</b>	<b>\$66,929,803,963</b>	<b>\$114,743,921,000</b>	<b>\$47,814,117,037</b>	<b>\$115,125,638,000</b>	<b>\$1,962,342,836</b>	<b>\$48,195,834,037</b>
Increase in FY2020 funding levels over FY2019 appropriations - 15 programs:							<b>\$2,536,973,000</b>	
Decrease in FY2020 funding levels below FY2019 appropriations - 13 programs:							<b>(\$627,454,164)</b>	
<b>FY2020 amounts appropriated to programs that had been proposed by the President for elimination:</b>								<b>\$42,101,656,000</b>
<b>FY2020 amounts appropriated to programs that had been proposed by the President for cuts:</b>								<b>\$2,676,535,537</b>