

★ 2020 USAF & USSF ALMANAC SPENDING



Airmen prepare a 555th Fighter Squadron F-16 Fighting Falcon for takeoff from Aviano Air Base, Italy, on Oct. 28, 2019. The 555th FS deployed in support of U.S. Air Forces Central Command.

Airmen 1st Class Calleb House

Budget refers to the amounts that Congress authorized a department to spend in a fiscal year (for 2020, **enacted**) or that a department has requested in the President's Budget Request (**requested**). **Outlays** are how much was actually spent. **Base budget** doesn't include war costs or other supplemental funding, such as for emergencies. The Air Force and Navy **military departments**

include multiple **service components** each: the Air Force and, as of fiscal 2020, Space Force; and the Navy and Marine Corps. **Current dollars** have not been adjusted for inflation, while **constant dollars** have been. **Non-blue pass-through** spending is part of the Department of the Air Force's budget that only passes through the department but is never under its control.

DEFENSE, ENTITLEMENTS & DEFICIT, AS PERCENTAGE OF GROSS DOMESTIC PRODUCT (GDP)

	TOTAL OUTLAYS %	DEFICIT SURPLUS %	ENTITLEMENTS %	DEFENSE %
1974	18.2	-0.4	8.5	5.4
1975	20.7	-3.3	10.3	5.5
1976	20.8	-4.1	10.3	5.0
1977	20.2	-2.7	9.7	4.8
1978	20.2	-2.6	9.7	4.6
1979	19.6	-1.6	9.3	4.6
1980	21.2	-2.6	10.1	4.8
1981	21.6	-2.5	10.5	5.0
1982	22.5	-3.9	10.9	5.6
1983	22.9	-5.9	11.3	5.9
1984	21.6	-4.7	10.0	5.8
1985	22.2	-5.0	10.2	5.9
1986	21.9	-4.9	9.9	6.0
1987	21.1	-3.1	9.7	5.9
1988	20.7	-3.0	9.6	5.7
1989	20.6	-2.7	9.5	5.5
1990	21.2	-3.7	10.3	5.1
1991	21.7	-4.4	10.4	5.2
1992	21.5	-4.5	10.7	4.7
1993	20.8	-3.8	10.5	4.3
1994	20.4	-2.8	10.5	3.9
1995	20.0	-2.2	10.4	3.6
1996	19.6	-1.4	10.4	3.3

	TOTAL OUTLAYS %	DEFICIT SURPLUS %	ENTITLEMENTS %	DEFENSE %
1997	18.9	-0.3	10.2	3.2
1998	18.5	0.8	10.2	3.0
1999	18.0	1.3	9.9	2.9
2000	17.7	2.3	9.8	2.9
2001	17.7	1.2	10.0	2.9
2002	18.6	-1.5	10.6	3.2
2003	19.1	-3.3	11.0	3.6
2004	19.1	-3.4	10.8	3.8
2005	19.3	-2.5	10.8	3.8
2006	19.5	-1.8	10.9	3.8
2007	19.1	-1.1	10.7	3.8
2008	20.2	-3.1	11.4	4.2
2009	24.4	-9.8	15.1	4.6
2010	23.3	-8.7	13.5	4.6
2011	23.4	-8.4	13.7	4.5
2012	22.0	-6.7	13.3	4.2
2013	20.8	-4.1	12.8	3.8
2014	20.2	-2.8	12.6	3.4
2015	20.4	-2.4	13.3	3.2
2016	20.8	-3.2	13.6	3.2
2017	20.6	-3.5	13.5	3.1
2018	20.2	-3.8	12.9	3.1
2019	21.0	-4.6	13.4	3.2

Source: White House Office of Management and Budget

FEDERAL BUDGET AS A PERCENTAGE OF GDP

FISCAL YEAR	TOTAL OUTLAYS %	DEFENSE %	ENTITLEMENTS %	OTHER %
1975	20.7	5.5	10.3	6.8
1976	20.8	5.0	10.3	5.0
1977	20.2	4.8	9.7	4.9
1978	20.2	4.6	9.7	5.7
1979	19.6	4.6	9.3	5.3
1980	21.2	4.8	10.1	7.3
1981	21.6	5.0	10.5	6.7
1982	22.5	5.6	10.9	7.0
1983	22.9	5.9	11.3	6.4
1984	21.6	5.8	10.0	4.4
1985	22.2	5.9	10.2	6.4
1986	21.9	6.0	9.9	5.8
1987	21.1	5.9	9.7	5.2
1988	20.7	5.7	9.6	5.1
1989	20.6	5.5	9.5	5.3
1990	21.2	5.1	10.3	6.2
1991	21.7	5.2	10.4	6.3
1992	21.5	4.7	10.7	5.9
1993	20.8	4.3	10.5	5.4
1994	20.4	3.9	10.5	5.6
1995	20.0	3.6	10.4	5.6
1996	19.6	3.3	10.4	5.6
1997	18.9	3.2	10.2	5.2

FISCAL YEAR	TOTAL OUTLAYS %	DEFENSE %	ENTITLEMENTS %	OTHER %
1998	18.5	3.0	10.2	5.1
1999	18.0	2.9	9.9	4.8
2000	17.7	2.9	9.8	4.9
2001	17.7	2.9	10.0	5
2002	18.6	3.2	10.6	5.7
2003	19.1	3.6	11.0	5.3
2004	19.1	3.8	10.8	4.5
2005	19.3	3.8	10.8	4.7
2006	19.5	3.8	10.9	4.9
2007	19.1	3.8	10.7	4.4
2008	20.2	4.2	11.4	5.7
2009	24.4	4.6	15.1	8.8
2010	23.3	4.6	13.5	3.6
2011	23.4	4.5	13.7	5.3
2012	22.0	4.2	13.3	3.8
2013	20.8	3.8	12.8	4.2
2014	20.2	3.4	12.6	4.2
2015	20.4	3.2	13.3	3.9
2016	20.8	3.2	13.6	4
2017	20.6	3.1	13.5	4
2018	20.2	3.1	12.9	4.2
2019	21.0	3.2	13.4	4.4

Source: White House Office of Budget and Management

DEFENSE BUDGET AUTHORITY

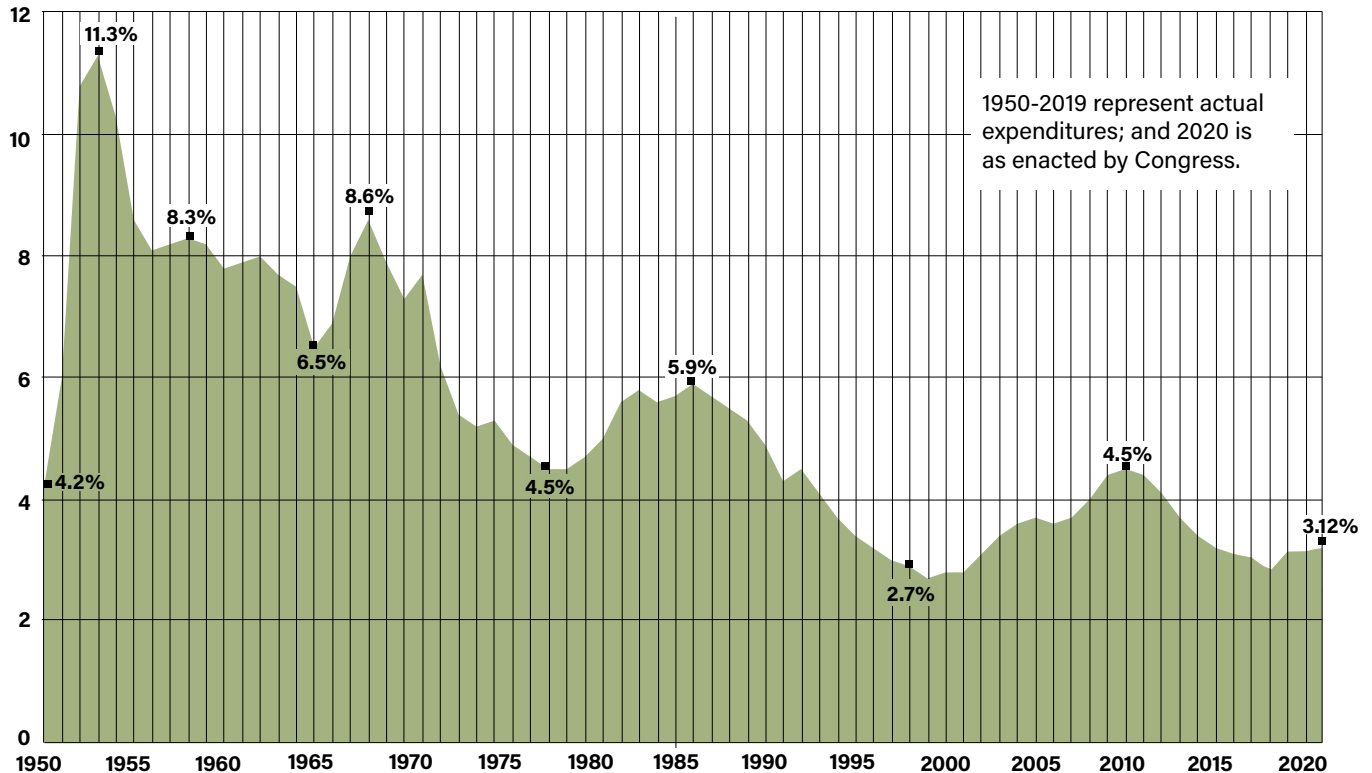
(\$ billions)

	2015	2016	2017	2018	2019	2020	2021 (Requested)
Base Budget (discretionary)	\$497.3	\$521.4	\$523.5	\$599.6	\$616.6	\$633.3	\$636.4
No War Costs, Current Dollars (discretionary)	560.4	580.3	606.0	670.6	687.8	712.6	705.4
With War Costs and Supplements (discretionary and mandatory)	570.8	595.7	626.2	694.5	712.5	721.5	716.2

Source: National Defense Budget Estimates for FY21

DEFENSE OUTLAYS AS PERCENTAGE OF GDP

Percent by Fiscal Year



1950-2019 represent actual expenditures; and 2020 is as enacted by Congress.

Source: White House Office of Budget and Management

DOD BUDGET BY SERVICE, INCLUDING PASS-THROUGH

(\$ billions)

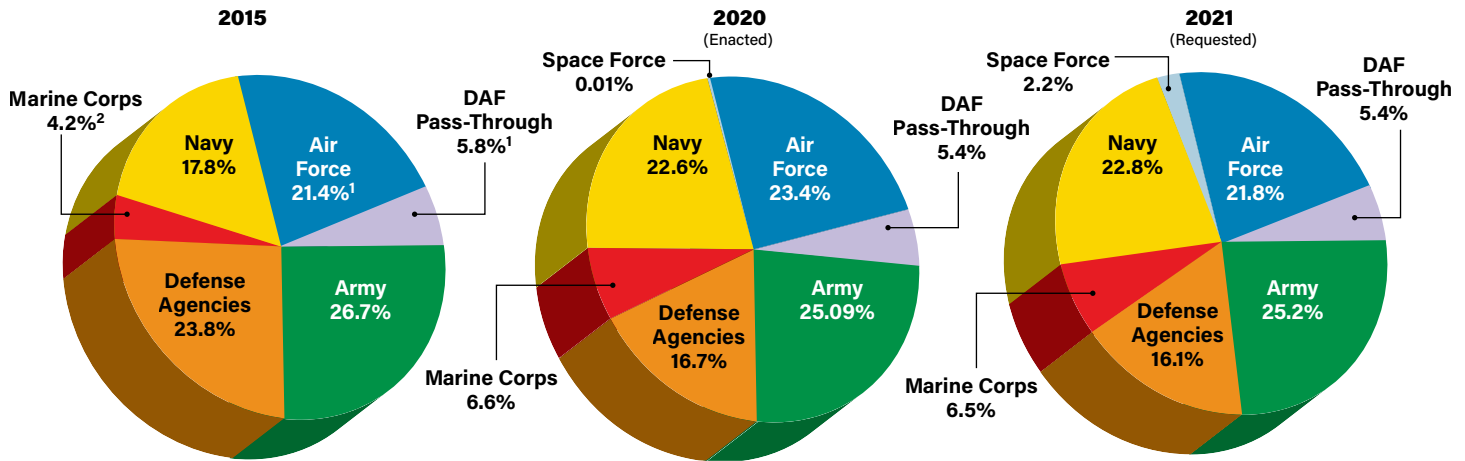
	(Enacted)		(% Enacted)	(Requested)	(% Requested)
	2015	2020	2020	2021	2021
Army	\$150.9	\$180,090	25.09	\$177,925	25.2
Navy	\$134.8	\$162,560	22.65	\$161,038	22.8
Marine Corps	\$23.9	\$47,465	6.61	\$46,035	6.5
Dept. of the Air Force (DAF)		\$207,169		\$207,168	
Air Force	\$120.8	\$168,082	23.42	\$153,596	21.8
DAF Pass-Through	\$32.8	\$39,047	5.44	\$38,190	5.41
Space Force		\$40.0	0.01	\$15,382	2.2
Defense Agencies	\$100.4	\$120,539	16.79	\$113,336	16.1
Total	\$565.4	\$717,823	100.01	\$705,502	100

Includes war funding.

May not add up to precise totals because of rounding.

Sources: Department of the Air Force FY21 Budget Overview, National Defense Budget Estimates for FY21

DOD BUDGET SHARES: 2015 vs. 2020 vs. 2021



May not add up to precise totals because of rounding.

Sources: National Defense Budget Estimates for FY21; Department of the Air Force FY21 Budget Overview; Highlights of the Department of the Navy Budget for FY17 and FY21; and the Department of the Air Force

DOD BUDGET BY SPENDING CATEGORY

(Base budget not including war funding; current \$ billions)

	2015	2016	2017	2018	2019	2020	(Requested) 2021
Military Personnel	\$139.0	\$138.3	\$139.0	\$136.0	\$144.7	\$150.2	\$158.9
O&M	\$248.2	\$247.8	\$258.1	\$199.7	\$231.4	\$234.9	\$230.4
Procurement	\$104.0	\$119.9	\$126.0	\$107.1	\$133.8	\$131.7	\$131.8
RDT&E	\$64.1	\$70.6	\$74.8	\$71.8	\$94.1	\$103.5	\$106.2
Military Construction	\$6.4	\$7.6	\$7.6	\$6.4	\$8.8	\$9.9	\$6.5
Family Housing	\$1.3	\$1.5	\$1.4	\$1.2	\$1.6	\$1.5	\$1.4
Revolving Funds	\$2.3	\$2.3	\$2.3	\$1.5	\$1.9	\$1.6	\$1.3
Total	\$565.3	\$588.0	\$609.2	\$523.7	\$616.4	\$633.3	\$636.5

Source: Department of Defense National Defense Budget Estimates for FY21

DOD BUDGET SHARES BY MILITARY DEPARTMENT

(\$ millions)

CURRENT DOLLARS	2013	2014	2015	2016	2017	2018	2019	2020	(Requested) 2021
Air Force¹	\$146,263	\$152,392	\$153,567	\$164,009	\$171,457	\$190,359	\$196,066	\$207,169 ²	\$207,168 ²
	24.99%	26.22%	27.16%	27.89%	28.14%	28.29%	28.29%	28.86%	29.36%
Army	176,535	162,246	150,887	151,296	159,018	178,260	181,166	180,090	177,925
	30.16%	27.92%	26.69%	25.73%	26.10%	26.49%	26.14%	25.09%	25.22%
Navy/Marine Corps	163,140	164,397	160,512	170,325	174,058	190,489	197,778	210,025	207,073
	27.87%	28.29%	28.39%	28.97%	28.57%	28.31%	28.54%	29.26%	29.35%
Defense Agencies	99,455	102,153	100,437	102,348	104,754	113,853	117,991	120,539	113,336
	16.99%	17.58%	17.76%	17.41%	17.19%	16.92%	17.03%	16.79%	16.06%
Total	\$585,393	\$581,188	\$565,403	\$587,978	\$609,287	\$672,960	\$693,001	\$717,823	\$705,502

¹Includes DAF Pass-Through

²Includes Space Force

Source: Department of Defense National Defense Budget Estimates for FY21

DEPARTMENT OF THE AIR FORCE BUDGET BY SPENDING CATEGORY

(\$ millions; excludes war funding)

CURRENT DOLLARS	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Military Personnel	\$35,131	\$34,704	\$35,103	\$33,617	\$34,026	\$34,570	\$34,697	\$37,413	\$39,223	\$41,709
O&M	\$47,007	\$42,550	\$43,196	\$44,596	\$44,442	\$45,920	\$50,189	\$51,242	\$53,126	\$47,690
Procurement	\$36,020	\$30,341	\$31,259	\$33,914	\$40,939	\$38,102	\$41,736	\$43,177	\$44,061	\$47,043
RDT&E	\$26,113	\$22,766	\$23,655	\$23,568	\$24,458	\$27,339	\$28,954	\$40,551	\$45,304	\$47,719
Military Construction	\$1,468	\$482	\$1,291	\$1,045	\$1,654	\$1,989	\$2,181	\$1,951	\$2,404	\$964
Family Housing	\$490	\$520	\$465	\$328	\$492	\$336	\$336	\$396	\$430	\$414
Revolving & Management	\$65	\$45	\$150	\$67	\$63	\$64	\$67	\$78	\$92	\$96
Total	\$146,295	\$131,408	\$135,120	\$137,134	\$146,075	\$148,320	\$171,691	\$174,807	\$184,639	\$185,635

PERCENTAGE CHANGE	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Military Personnel	0.70%	-2.60%	-0.30%	-4.30%	1.22%	1.60%	0.37%	7.83%	4.84%	6.34%
O&M	0.70%	-10.70%	0.00%	3.10%	-0.35%	3.33%	9.30%	2.10%	3.68%	-10.23%
Procurement	-2.60%	-16.90%	1.50%	8.40%	20.71%	-6.93%	9.54%	3.45%	2.05%	6.77%
RDT&E	-5.00%	-14.00%	2.40%	-0.50%	3.78%	11.78%	5.91%	40.05%	11.72%	5.33%
Military Construction	1.70%	-67.60%	163.90%	-19.10%	58.28%	20.25%	9.65%	-10.55%	23.22%	-59.90%
Family Housing	-18.60%	4.70%	-11.90%	-29.50%	50.00%	-31.71%	0.00%	17.86%	8.59%	-3.72%
Revolving & Management	-4.80%	-31.70%	228.50%	-55.40%	-5.97%	1.59%	4.69%	16.42%	17.95%	4.35%
Total	-1.20%	-11.40%	1.30%	1.40%	6.52%	1.54%	15.76%	1.81%	5.62%	0.54%

CONSTANT DOLLARS	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Military Personnel	\$41,151	\$40,009	\$39,981	\$37,861	\$37,933	\$37,773	\$37,077	\$39,082	\$40,044	\$41,709
O&M	\$55,062	\$49,055	\$49,198	\$50,226	\$49,545	\$50,175	\$53,632	\$53,528	\$54,238	\$47,690
Procurement	\$42,193	\$34,979	\$35,603	\$38,196	\$45,640	\$41,632	\$44,599	\$45,102	\$44,983	\$47,043
RDT&E	\$30,588	\$26,246	\$26,942	\$26,544	\$27,266	\$29,872	\$30,940	\$42,360	\$46,252	\$47,719
Military Construction	\$1,720	\$556	\$1,470	\$1,177	\$1,844	\$2,173	\$2,331	\$2,038	\$2,454	\$964
Family Housing	\$574	\$599	\$530	\$369	\$548	\$367	\$359	\$414	\$439	\$414
Revolving & Management	\$76	\$52	\$171	\$75	\$70	\$70	\$72	\$81	\$94	\$96
Total	\$171,364	\$151,496	\$153,895	\$154,448	\$162,846	\$162,062	\$169,010	\$182,604	\$188,504	\$185,635

Source: National Defense Budget Estimates for FY21

DEPARTMENT OF THE AIR FORCE vs. DAF PASS-THROUGH SPENDING

(Total Obligation Authority; \$ billions)

(Enacted)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
DAF	133.3	128.9	116.4	120.8	120.8	129.8	136.6	151.5	156.8	168.1
DAF Pass-Through	33.2	33.1	29.8	31.3	31.7	33.1	34.3	37.2	37.8	39.0
Total	166.5	162.0	146.2	152.1	152.5	162.9	170.9	188.7	194.6	207.1
Pass-Through %	19.94%	20.43%	20.38%	20.58%	20.79%	20.32%	20.07%	19.71%	19.42%	18.82%

Source: USAF



Staff Sgt. Mitchell Halbleib, 60th Maintenance Squadron, ensures the proper operation of elevator systems on the tail of a C-17 Globemaster III at Travis Air Force Base, Calif.

Nicholas Plich/USAF

MAJOR USAF PROGRAMS

(For Major Space Force Programs, see p. 67)

RDT&E

(Current \$ millions)

PROCUREMENT

(Current \$ millions)

	PROGRAM	2019	2020	2021	2019	2020	2021
BOMBER	B-1B	58.2	1	15.8	39.7	18.9	21.8
	B-2A	591.1	593.4	187.4	60.3	9.5	31.5
	B-21	2,189.9	2,982.5	2,848.4	CLASS	CLASS	CLASS
	B-52	290.1	323.6	520	117.2	47.9	53.9
	B-52 CERP	59.7	175.4	299.4			
FIGHTER/ATTACK	A-10	25.5	31.9	24.5	168.1	125.8	135.8
	F-15C/D/E	196.1	684.2	298.9	440.9	474.1	349.3
	EPAWSS	133.4	47.3	170.7	214.9	125.4	31.9
	F-15EX	0	0	159.8	0	621.1	1,403.3
	F-16	182.2	193.1	223.4	303.4	281.5	615.8
	F-22	563.6	546.3	665.1	321.5	323.6	387.9
	F-35	490.3	99.4	132.3	5,267.1	6,059.6	5,177.8
	NGAD	413.9	905.1	1,044.1	-	-	-
	F-35 BLK 4 C2D2	-	642.4	785.3	-	14	41
	F-35 MODS				237.3	329.6	322.2
HELO	HH-60G/U	0	0	0	92	26.7	44,538
	HH-60W	446	247	63,169	850,535	973,473	1,147,473
	UH1 REPLACEMENT	258	171	44,464	12	3.8	194,016
ICBM	MINUTEMAN III SQUADRONS	185.6	104.2	116.6		N/A	N/A
	GROUND-BASED STRATEGIC DETERRENT	401.2	557.5	1,524.80		N/A	N/A
	MM III FUZE MODERNIZATION	124.5	161.2	167.1		13.9	19.5
	MINUTEMAN III MODIFICATIONS	N/A	N/A	N/A	100.3	59.7	85.3
ISR/BM/C3	AIR AND SPACE OPERATIONS	98.9	114.8	51.2	38.6	33.2	25
	DCGS	52.4	25	14.20	398	116.1	140.2
	CRC	6.2	8.1	16	7.3	0	13.4
	E-3	108.8	68	138.3	48.4	112.1	172.1
	E-3 BLOCK 40/45	N/A	N/A	N/A	69.3	32.8	53.3
	E-8	N/A	N/A	N/A	37.8	48.8	11
	ABMS	0	143.6	302.3	N/A	N/A	N/A
	E-4B	55.7	60.2	3.5	67.9	58.5	58.8
	EC-130H	43.5	31.9	15.9	172.3	110.8	206.2
	MQ-9	105.1	127.3	162.1	401.6	376.4	171.9
	RQ-4	221.7	191.7	134.6	123.7	1.7	40.5
	RC-135 ¹	64.8	45.2	59.8	394.5	227.7	191.3
U-2	87.6	36.4	18.7	67.4	58.6	120.2	
MOBILITY	C-5	25.1	10.2	32.59	68	57,937	62,108
	C-17	48.3	25.1	9,991	77	60,244	66,798
	C-32	7.9	9.9	9.9	4.5	11.5	2,947
	C-130J	15.4	8.6	10,674	674.10	742.16	37,131
	KC-10	6.6	0.2	0	11	2	2,108
	KC-135	2,692	0	4,591	91.4	113,351	88,25
	KC-46	80.2	59.6	0	2,290.90	2,139.71	2,850.15
	PAR/VC-25	657.9	757.9	800,889	27.2	48.6	-
MUNITION	AIM-9	29	10.3	19.4	118.3	155.3	164.8
	AIM-120	50.7	55.4	51.8	307.5	311.7	453.2
	JASSM	40.9	78.5	70.8	602.8	483.4	505.9
	SDB1	N/A	N/A	N/A	209.3	273.3	95.8
	SDB2	75.5	45.2	17.3	100.9	183.3	273.3
	JDAM	0	0	7.9	922.7	1034.2	444.7
	SIAW	14.5	162.8	160.4	-	-	-
	AGM-65	-	0.3	0.3	-	-	-
	LRASM	-	-	-	54.4	0	19.8
	AGM-114	-	-	-	265.8	299.6	183.6
SOF	CV-22B	38.8	17.9	18,419	92.9	82.6	-
	HC-130/MC-130	16.2	17.2	24,705	125.7	51.5	-
TRAINERS	T-6	1.7	1.2	1.8	53.2	11.8	26.8
	T-7A	236.8	340.4	248.7	-	-	-
	T-38	8.5	0.6	6.1	70.6	37.3	36.8
	T-1	N/A	N/A	N/A	21.8	26.8	4.5

Source: Air Force FY21 Budget Request

¹RC-135 funding is a combination of program lines