

Air Force Nuclear Weapons Center

Overview

The Air Force Nuclear Weapons Center (AFNWC) is the nuclear-focused center within Air Force Materiel Command synchronizing all aspects of nuclear materiel management in direct support of Air Force Global Strike Command.

Headquartered at Kirtland Air Force Base, New Mexico, the center has 18 locations worldwide and consists of four major execution directorates: Air Delivered Capabilities; Intercontinental Ballistic Missile (ICBM) Systems; Nuclear Command, Control, and Communications (NC3) Integration; and Nuclear Technology and Interagency.

Spend Analysis

The following pages highlight the areas where money was spent over the three year period of FY17 – FY19 within AFNWC. All data is publically available via the Federal Procurement Data System (FPDS).

Overall Spend

The following table shows the overall spend at AFNWC from FY17 – FY19, broken down by the portion that was awarded to other than small businesses vs. small businesses.

	FY17 Total	FY18 Total	FY19 Total
Other Than Small Business	\$633,639,457	\$1,037,418,313	\$1,334,865,378
Small Business	\$27,449,556	\$61,187,973	\$62,535,620
Total	\$661,089,012	\$1,098,606,286	\$1,397,400,998

Center-wide Top 50 NAICS to Small Business (FY17 – FY19)

The following table shows the top NAICS codes procured across all AFNWC locations during the years FY17 – FY 19. This data is for Small Business contractors only. *Note:* Only 41 NAICS were procured in this Center, so the data does not reflect the full 50 NAICS as in the other Centers.

NAICS	Description	FY17 Spend	# FY17	FY18 Spend	# FY18	FY19 Spend	#FY19
541330	ENGINEERING SERVICES	\$1,853,423	8	\$12,603,496	18	\$14,435,892	34
334290	OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING	\$5,926,800	8	\$13,396,464	12	\$5,258,905	5
561210	FACILITIES SUPPORT SERVICES	\$7,072,331	6	\$8,392,000	7	\$8,671,937	5
541712	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING,	\$2,711,374	11	\$4,320,118	15	\$6,516,732	17

	AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)						
334220	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING	\$0	0	\$2,131,816	1	\$4,829,114	4
541715	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)	\$0	0	\$4,370,208	2	\$2,322,864	4
332311	PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING	\$0	0	\$3,696,090	2	\$1,879,678	9
334210	TELEPHONE APPARATUS MANUFACTURING	\$0	0	\$4,574,770	7	\$600,900	8
811212	COMPUTER AND OFFICE MACHINE REPAIR AND MAINTENANCE	\$0	1	\$126,139	3	\$4,740,337	2
541711	RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY	\$4,454,945	4	\$0	2	\$0	2
335912	PRIMARY BATTERY MANUFACTURING	\$846,452	4	\$1,189,389	4	\$1,328,566	8
336419	OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING	\$265,892	1	\$0	0	\$2,997,299	1
541990	ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES	\$948,007	8	\$1,116,479	5	\$1,180,239	3
334515	INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS	\$772,403	5	\$1,389,030	5	\$777,595	2
336413	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING	\$88,796	19	\$211,938	10	\$1,815,512	23
541511	CUSTOM COMPUTER PROGRAMMING SERVICES	\$580,097	1	\$721,644	5	\$579,390	1
561110	OFFICE ADMINISTRATIVE SERVICES	\$605,246	1	\$623,143	4	\$427,962	7
238210	ELECTRICAL CONTRACTORS AND OTHER WIRING INSTALLATION CONTRACTORS	\$0	0	\$0	0	\$1,344,365	1
562211	HAZARDOUS WASTE TREATMENT AND DISPOSAL	\$0	0	\$0	0	\$1,031,478	5
333923	OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING	\$612,875	8	\$386,886	2	\$0	2

334111	ELECTRONIC COMPUTER MANUFACTURING	\$137,750	4	\$303,516	5	\$538,617	8
423610	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND RELATED EQUIPMENT MERCHANT WHOLESALERS	\$0	0	\$590,637	3	\$356,788	3
541513	COMPUTER FACILITIES MANAGEMENT SERVICES	\$70,000	1	\$500,406	4	\$364,897	2
337215	SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING	\$224,222	2	\$240,440	2	\$0	2
811310	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE	\$142,077	3	\$143,298	1	\$23,143	2
423420	OFFICE EQUIPMENT MERCHANT WHOLESALERS	\$0	0	\$0	0	\$152,250	1
541219	OTHER ACCOUNTING SERVICES	\$0	0	\$109,658	3	\$17,782	1
339944	CARBON PAPER AND INKED RIBBON MANUFACTURING	\$0	0	\$0	0	\$110,672	3
541519	OTHER COMPUTER RELATED SERVICES	\$110,047	5	\$0	1	\$0	0
333298	ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING	\$0	0	\$0	0	\$62,356	1
337214	OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING	\$26,819	1	\$0	0	\$28,164	4
334519	OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING	\$0	0	\$0	0	\$54,800	2
334419	OTHER ELECTRONIC COMPONENT MANUFACTURING	\$0	0	\$43,460	1	\$0	0
337211	WOOD OFFICE FURNITURE MANUFACTURING	\$0	0	\$0	0	\$28,670	2
611420	COMPUTER TRAINING	\$0	0	\$0	0	\$23,760	2
334310	AUDIO AND VIDEO EQUIPMENT MANUFACTURING	\$0	0	\$0	0	\$14,980	1
443120	COMPUTER AND SOFTWARE STORES	\$0	0	\$6,949	3	\$0	0
561499	ALL OTHER BUSINESS SUPPORT SERVICES	\$0	0	\$0	0	\$6,780	1
339940	OFFICE SUPPLIES (EXCEPT PAPER) MANUFACTURING	\$0	0	\$0	0	\$5,996	1
322230	STATIONERY PRODUCT MANUFACTURING	\$0	0	\$0	0	\$5,530	1
337127	INSTITUTIONAL FURNITURE MANUFACTURING	\$0	0	\$0	0	\$1,668	2

Center-wide Top 50 PSC Codes to Small Business (FY17 – FY19)

The following table shows the top Product and Service codes procured across all AFNWC locations during the years FY17 – FY 19. This data is for Small Business contractors only. *Note:* Only 26 PSC codes were procured in this Center, so the data does not reflect the full 50 PSC codes as in the other Centers.

PCS	Description	FY17 Spend	# FY17	FY18 Spend	# FY18	FY19 Spend	#FY19
R425	SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL	\$8,499,217	17	\$18,223,367	20	\$22,618,169	41
6350	MISCELLANEOUS ALARM, SIGNAL, AND SECURITY DETECTION SYSTEMS	\$5,926,800	8	\$13,396,464	12	\$5,313,705	7
R706	SUPPORT- MANAGEMENT: LOGISTICS SUPPORT	\$0	0	\$2,131,816	1	\$4,829,114	4
AC21	R&D- DEFENSE SYSTEM: MISSILE/SPACE SYSTEMS (BASIC RESEARCH)	\$0	0	\$1,749,720	3	\$4,939,480	9
R413	SUPPORT- PROFESSIONAL: SPECIFICATIONS DEVELOPMENT	\$1,196,433	3	\$1,324,267	7	\$3,995,131	7
R499	SUPPORT- PROFESSIONAL: OTHER	\$2,798,677	24	\$2,785,620	19	\$445,634	21
7010	INFORMATION TECHNOLOGY EQUIPMENT SYSTEM CONFIGURATION	\$52,200	1	\$436,604	11	\$5,365,072	13
AJ43	R&D- GENERAL SCIENCE/TECHNOLOGY: ENGINEERING (ADVANCED DEVELOPMENT)	\$0	1	\$4,370,208	2	\$1,401,132	3
5440	SCAFFOLDING EQUIPMENT AND CONCRETE FORMS	\$0	0	\$3,696,090	2	\$1,879,678	9
5805	TELEPHONE AND TELEGRAPH EQUIPMENT	\$0	0	\$4,574,770	6	\$113,250	1
AC12	R&D- DEFENSE SYSTEM: AIRCRAFT (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)	\$4,454,945	3	\$0	2	\$0	2
AC23	R&D- DEFENSE SYSTEM: MISSILE/SPACE SYSTEMS (ADVANCED DEVELOPMENT)	\$0	0	\$2,404,000	2	\$1,060,000	2
6135	BATTERIES, NONRECHARGEABLE	\$846,452	4	\$1,189,389	4	\$1,328,566	8
1135	FUZING AND FIRING DEVICES, NUCLEAR ORDNANCE	\$0	0	\$0	0	\$2,997,299	1
D325	IT AND TELECOM- DATA CENTERS AND STORAGE	\$650,097	2	\$1,222,050	9	\$944,287	3
R429	SUPPORT- PROFESSIONAL: EMERGENCY RESPONSE/DISASTER PLANNING/PREPAREDNESS SUPPORT	\$730,447	4	\$767,219	4	\$1,031,478	5
R699	SUPPORT- ADMINISTRATIVE: OTHER	\$605,246	1	\$623,143	4	\$427,962	7
N059	INSTALLATION OF EQUIPMENT- ELECTRICAL AND ELECTRONIC EQUIPMENT COMPONENTS	\$0	0	\$0	0	\$1,344,365	1

3950	WINCHES, HOISTS, CRANES, AND DERRICKS	\$612,875	8	\$386,886	2	\$0	2
5630	PIPE AND CONDUIT, NONMETALLIC	\$0	0	\$590,637	3	\$356,788	3
R408	SUPPORT- PROFESSIONAL: PROGRAM MANAGEMENT/SUPPORT	\$221,560	5	\$349,260	2	\$357,276	4
AD92	R&D- DEFENSE OTHER: OTHER (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)	\$0	0	\$0	0	\$921,732	1
7110	OFFICE FURNITURE	\$251,042	3	\$240,440	2	\$321,534	14
1420	GUIDED MISSILE COMPONENTS	\$351,442	4	\$372,893	1	\$0	0
J036	MAINT/REPAIR/REBUILD OF EQUIPMENT- SPECIAL INDUSTRY MACHINERY	\$142,077	3	\$143,298	1	\$0	0
7045	INFORMATION TECHNOLOGY SUPPLIES	\$0	0	\$0	1	\$261,377	2
6625	ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS	\$0	0	\$169,657	2	\$0	0
7490	MISCELLANEOUS OFFICE MACHINES	\$0	0	\$0	0	\$114,615	3
R799	SUPPORT- MANAGEMENT: OTHER	\$110,047	5	\$0	0	\$0	0
7520	OFFICE DEVICES AND ACCESSORIES	\$0	0	\$0	0	\$63,281	2
7020	INFORMATION TECHNOLOGY CENTRAL PROCESSING UNIT (CPU, COMPUTER, ANALOG)	\$0	0	\$0	0	\$52,862	1
5963	ELECTRONIC MODULES	\$0	0	\$43,460	1	\$0	0
J074	MAINT/REPAIR/REBUILD OF EQUIPMENT- OFFICE MACHINES/TEXT PROCESSING SYS/VISIBLE RECORD EQUIPMENT	\$0	1	\$0	0	\$23,143	2
5820	RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE	\$0	0	\$0	0	\$14,980	1
7220	FLOOR COVERINGS	\$0	0	\$0	0	\$6,930	1
D316	IT AND TELECOM- TELECOMMUNICATIONS NETWORK MANAGEMENT	\$0	0	\$0	0	\$6,780	1

Spend Analysis – By Location

The following pages highlight the areas where money was spent over the three year period of FY17 – FY19 within AFNWC by geographic location. Note that all remaining tables represent only the obligations that went to Small Business contractors.

AFNWC at Hanscom AFB – Top NAICS

The following table shows the top (only) 2 NAICS codes procured at Hanscom AFB during the years FY17 – FY 19. This data is for Small Business contractors only.

NAICS	Description	FY17 Spend	# FY17	FY18 Spend	# FY18	FY19 Spend	#FY19
541715	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)	\$0	0	\$0	0	\$921,732	1
334310	AUDIO AND VIDEO EQUIPMENT MANUFACTURING	\$0	0	\$0	0	\$14,980	1

AFNWC at Hill AFB – Top NAICS

The following table shows the top 25 NAICS codes procured at Hill AFB during the years FY17 – FY 19. This data is for Small Business contractors only.

NAICS	Description	FY17 Spend	# FY17	FY18 Spend	# FY18	FY19 Spend	#FY19
561210	FACILITIES SUPPORT SERVICES	\$7,072,331	6	\$8,392,000	7	\$8,671,937	5
541712	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)	\$2,711,374	7	\$4,323,402	12	\$5,101,675	10
541330	ENGINEERING SERVICES	\$1,196,433	3	\$3,728,267	9	\$5,140,565	12
334220	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING	\$0	0	\$2,131,816	1	\$4,829,114	4
541715	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)	\$0	0	\$4,370,208	2	\$1,401,132	3
332311	PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING	\$0	0	\$3,696,090	2	\$1,879,678	9
334210	TELEPHONE APPARATUS MANUFACTURING	\$0	0	\$4,574,770	6	\$600,900	8
811212	COMPUTER AND OFFICE MACHINE REPAIR AND MAINTENANCE	\$0	0	\$126,139	3	\$4,740,337	2
335912	PRIMARY BATTERY MANUFACTURING	\$846,452	4	\$1,189,389	4	\$1,328,566	8
336419	OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND	\$265,892	1	\$0	0	\$2,997,299	1

	AUXILIARY EQUIPMENT MANUFACTURING						
334515	INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS	\$772,403	5	\$1,389,030	5	\$777,595	2
541511	CUSTOM COMPUTER PROGRAMMING SERVICES	\$580,097	1	\$721,644	5	\$579,390	1
541990	ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES	\$730,447	5	\$767,219	4	\$0	0
238210	ELECTRICAL CONTRACTORS AND OTHER WIRING INSTALLATION CONTRACTORS	\$0	0	\$0	0	\$1,344,365	1
562211	HAZARDOUS WASTE TREATMENT AND DISPOSAL	\$0	0	\$0	0	\$1,031,478	5
333923	OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING	\$612,875	8	\$386,886	2	\$0	2
334111	ELECTRONIC COMPUTER MANUFACTURING	\$137,750	4	\$303,516	5	\$538,617	8
541513	COMPUTER FACILITIES MANAGEMENT SERVICES	\$70,000	1	\$500,406	4	\$364,897	2
337215	SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING	\$224,222	2	\$240,440	2	\$0	2
811310	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE	\$142,077	3	\$143,298	1	\$23,143	2
423420	OFFICE EQUIPMENT MERCHANT WHOLESALERS	\$0	0	\$0	0	\$152,250	1
541219	OTHER ACCOUNTING SERVICES	\$0	0	\$109,658	3	\$17,782	1
339944	CARBON PAPER AND INKED RIBBON MANUFACTURING	\$0	0	\$0	0	\$110,672	3
541519	OTHER COMPUTER RELATED SERVICES	\$110,047	5	\$0	0	\$0	0
333298	ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING	\$0	0	\$0	0	\$62,356	1

AFNWC at Kirtland AFB – Top NAICS

The following table shows the top (only) 8 NAICS codes procured at Kirtland AFB during the years FY17 – FY 19. This data is for Small Business contractors only.

NAICS	Description	FY17 Spend	# FY17	FY18 Spend	# FY18	FY19 Spend	#FY19
334290	OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING	\$5,926,800	8	\$13,396,464	12	\$5,258,905	5

541330	ENGINEERING SERVICES	\$656,990	5	\$7,157,715	6	\$9,565,588	12
541711	RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY	\$4,454,945	3	\$0	2	\$0	1
541990	ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES	\$217,560	3	\$349,260	1	\$1,180,239	3
561110	OFFICE ADMINISTRATIVE SERVICES	\$605,246	1	\$623,143	4	\$427,962	7
541712	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)	\$0	4	-\$3,284	3	\$1,415,057	7
423610	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND RELATED EQUIPMENT MERCHANT WHOLESALERS	\$0	0	\$590,637	3	\$356,788	3
561499	ALL OTHER BUSINESS SUPPORT SERVICES	\$0	0	\$0	0	\$6,780	1

AFNWC at Tinker AFB – Top NAICS

The following table shows the top (only) 2 NAICS codes procured at Tinker AFB during the years FY17 – FY 19. This data is for Small Business contractors only.

NAICS	Description	FY17 Spend	# FY17	FY18 Spend	# FY18	FY19 Spend	#FY19
336413	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING	\$88,796	19	\$211,938	10	\$1,815,512	23
541330	ENGINEERING SERVICES	\$0	0	\$1,717,514	3	-\$270,261	7