

WHITEMAN Air Force Base



ECONOMIC IMPACT REPORT

Fiscal Year 2018



The purpose of this Economic Impact Report is to present Whiteman Air Force Base's impact on the local economy during fiscal year 2018. The economic impact is derived from personnel, payroll, and expenditures generated from the base. Inside you will find a brief executive summary, a map outlining the economic impact region, force structure with program information, and finally, the economic impact model.

This year's report is similar in design to last year's in order to provide continuity for comparison purposes. Due to the high interest taxpayers have in the economic impact of military bases, the Office of the Secretary of Defense contracted with the Logistics Management Institute to establish a methodology to calculate economic impact. Our fiscal year 2018 report reflects this methodology.

The men and women of the 509th Bomb Wing, 442d Fighter Wing (Air Force Reserve), 131st Bomb Wing (Air National Guard), 1-135th Assault Helicopter Battalion (Army National Guard), and the 20th Attack Squadron are proud defenders of our nation. The communities around us have been, and will continue to be, an integral part of our success. Your strong support for Team Whiteman is widely known, and we who benefit certainly appreciate all you do to sustain our relationship to the community.

The Financial Analysis Office is grateful to the many people and organizations that contributed to this report. If you have any questions or recommendations for future publications, or would like additional copies, please call the Financial Analysis Office at (660) 687-5456 or DSN 975-5456.

JOHN J. NICHOLS

JOHN J. NICHOLS Brigadier General, USAF Commander, 509th Bomb Wing

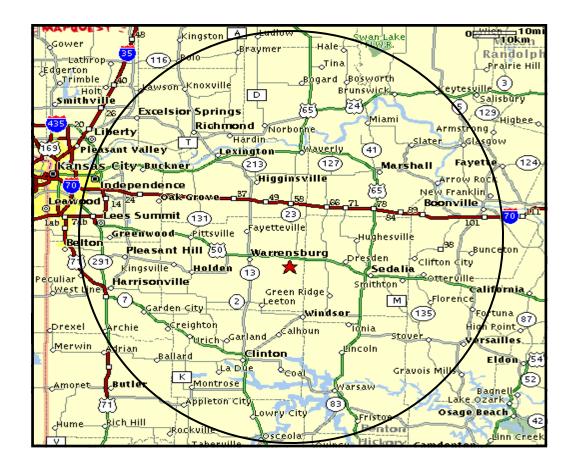
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EXECUTIVE SUMMARY

BASE EMPLOYMENT	
ACTIVE DUTY MILITARY	3,910
RESERVE/AIR & ARMY NATIONAL GUARD	1,527
APPROPRIATED AND OTHER CIVILIAN	1,969
TOTAL BASE EMPLOYMENT	7,406
BASE PAYROLL	
ACTIVE DUTY MILITARY	\$ 250,465,886
RESERVE/AIR & ARMY NATIONAL GUARD	\$ 23,080,130
APPROPRIATED FUND CIVILIAN	\$ 65,799,342
OTHER CIVILIANS	\$ 17,734,621
TOTAL PAYROLL	\$ 357,079,979
ANNUAL RETIREE PAYROLL	\$ 87,967,000
TOTAL ANNUAL BASE EXPENDITURES	\$ 87,769,915
ESTIMATED ANNUAL VALUE OF JOBS CREATED	\$ 109,409,840
ESTIMATED TOTAL IMPACT WITHIN ECONOMIC IMPACT REGION	\$ 642,226,734

ECONOMIC IMPACT REGION



- THE ECONOMIC IMPACT REGION (EIR) IS DEFINED AS THE AREA WITHIN A 50-MILE RADIUS OF AN INSTALLATION.
- THE EIR FOR WHITEMAN AIR FORCE BASE, MISSOURI, IS OUTLINED ON THE MAP.

FORCE STRUCTURE

<u>ACTIVITY</u>	<u>FORCE TYPE</u>	<u>Number of</u> <u>Aircraft</u>	<u>FLYING</u> HOURS
509тн BOMB WING	B-2 BOMBER	20	6,464
13TH BOMB SQUADRON	T-38 COMPANION Trainer	14	4,003
442D FIGHTER WING	A/OA-10 FIGHTER	27	3,995
Missouri Army National guard	UH-60L HELICOPTER	15	2,105
TOTAL AIRCRAFT AND FLYING HOURS		76	16,567

PROGRAM DATA BY ORGANIZATION

509TH CONTRACTING SQUADRON

DOLLARS AWARDED SMALL BUSINESS \$ 27,644,448 LARGE BUSINESS \$ 9,909,977 SMALL DISADVANTAGED 16,102,221 \$ NON-PROFIT BUSINESS \$ 892,401 OTHER \$ 701,912 55,250,959 FY 18 TOTAL \$

OF THE ABOVE AWARDS:

\$10,246,445 WAS AWARDED TO WOMEN-OWNED BUSINESSES

LOCAL AREA	\$ 11,218,666	P
KANSAS CITY, MO	\$ 17,443,591	
OTHER MISSOURI	\$ 623,358	
OUTSIDE MISSOURI	\$ 25,965,344	
FY 18 TOTAL	\$ 55,250,959	

509TH FORCE SUPPORT SQUADRON

TDY Expenditures in Economic Impact Region (Off Base)	NIGHTS BILLETED (OFF-BASE)	Dollars <u>Expended</u>
OFFICER * CIVILIAN* ENLISTED*	1,782 371 7,179	\$ 137,214 \$ 28,567 \$ 552,783
TOTAL	9,332	\$ 718,564
* Average cost \$77.00 per night		
131 BW CONTRACT QUARTERS TOTAL** (**AVERAGE COST \$87.00 PER N	2,175 IGHT)	\$ 189,225
442 FW CONTRACT QUARTERS TOTAL*** (***Average Cost \$87.00 Per Nigi	7,448 ht)	\$ 647,976
131st & 442nd FY 18 TOTAL	9,623	\$ 837,201

PROGRAM DATA BY ORGANIZATION

509TH FORCE SUPPORT SQUADRON CONT'D

ENROLLMENT FOR STUDENT OFF-DUTY EDUCATION

	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	TOTAL
VOCATIONAL	Ο	196	Ο	196
UNDERGRADUATE	2	2,629	1	2,632
GRADUATE	102	218	Ο	320
STUDENT TOTAL	104	3,043	1	3,148

FY 18 FEDERAL EDUCATION IMPACT AID FY 18 ACTIVE DUTY TUITION ASSISTANCE TOTAL	\$5,307,981 <u>\$2,159,550</u> \$7,467,531
COMMUNITY SERVICE	
BLOOD DONORS (PINTS DONATED)	147
WHITEMAN AFB VOLUNTEERS THAT DONATED BLOOD	178
Contributions	
COMBINED FEDERAL CAMPAIGN	\$ 59,487
AIR FORCE AID CONTRIBUTIONS LOANS GRANTS EDUCATION (spouses/children of active duty personnel	\$ 133,605 \$ 16,094 \$ 36,095
TOTAL	\$ 245,281

PROGRAM DATA BY ORGANIZATION

509TH CIVIL ENGINEER SQUADRON

REAL PROPERTY MAINTENANCE

ROADWAYS DRIVEWAYS SIDEWALKS PRIMARY DISTRIBUTION LINES OVERHEAD SECONDARY DISTRIBUTION LINES OVERHEAD PRIMARY DISTRIBUTION LINES UNDERGROUND SECONDARY DISTRIBUTION LINES UNDERGROUND STEAM HEAT MAINS UNDERGROUND STEAM HEAT MAINS OVERHEAD WATER DISTRIBUTION MAINS WATER SUPPLY MAINS NON-POTABLE WATER TANK STORAGE STORM DRAINAGE DISPOSAL SANITATION SEWER MAIN EXTERIOR AREA LIGHTING FIRE PROTECTION WATER MAIN	635,832 223,553 95,287 24,123 435,487 2,939,853 200,712 357,744 40,896 346,773 34,236 1,250 403,491 200,233 3,108 21,750	SQ YDS SQ YDS SQ YDS LINEAR FT LINEAR FT
UTILITIES CONSUMED		
COMMERCIAL POWER WATER NATURAL GAS	86,450,059 74,128,300 343,427	KWH GAL MBTU
509TH LOGISTICS READINESS SQUADRON		
NUMBER OF DO-IT-YOURSELF MOVES OUT-BOUND HOUSEHOLD GOODS (NUMBER OF SHIF SURFACE FREIGHT IN/OUT (NUMBER OF SHIPMENTS		636 704 21,534

SOURCE: CES, LRS

CAPITAL ASSETS

LAND

FEE OWNED EASEMENT LEASED

TOTAL ACRES

RUNWAY/OTHER REAL PROPERTY

RUNWAY (NORTH/SOUTH)

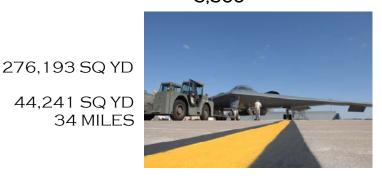
PAVED OVERRUNS (1,000 EACH END) 44,241 SQ YD PAVED ROADS 34 MILES

362 **5,566**

WHITEMAN (ACRES)

4,948

256



BUILDINGS	NUMBER	SQ FT
INDUSTRIAL ADMINISTRATION ADMINISTRATION (NON AIR FORCE) COMMISSARY BASE EXCHANGE RECREATION HOSPITAL	231 68 2 1 1 31 5	2,401,296 1,057,635 3,490 60,732 61,382 264,719 110,421
TOTAL BUILDINGS AND SQ FT	339	3,959,675

MILITARY FAMILY HOUSING

OFFICER ENLISTED	2-BR 22 329	3-BR 52 311	4-BR 30 146	TOTAL 104 786
TOTAL	351	363	176	890

LIVING QUARTERS

NCO/AIRMAN QUARTERS VISITING OFFICER QUARTERS TEMPORARY LODGING FACILITIES

TOTAL

SOURCE: CES, FSS



UNITS	BED CAPACITY
5	626
5	126
6	32
16	784

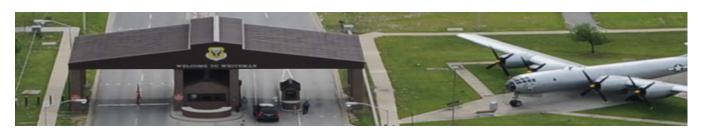
CAPITAL ASSETS (CONT'D)

VEHICLES

OWNED LEASED VEHICLE TOTAL	618 51 669
FLEET ASSET VALUE	\$68,404,687
VALUE OF CAPITAL ASSETS	
REAL PROPERTY	
BUILDINGS LAND OTHER REAL PROPERTY	\$3,084,040,595 \$15,289,320 \$561,526,941
FY 18 TOTAL VALUE	\$ 3,660,856,856
EQUIPMENT	
APPROPRIATED FUND NONAPPROPRIATED FUND (NAF)	\$ 399,549,994 \$ 15,528,248
FY 18 EQUIPMENT TOTAL VALUE	\$415,078,242
INVENTORIES	
STOCK FUNDS SALES OUTLETS BASE EXCHANGE	\$777,814,342 \$3,005,631
COMMISSARY NAF ACTIVITIES	\$ 14,085,621 \$ 85,203
	• • • • • • • • • • • • •

FY 18 INVENTORY TOTAL VALUE

\$794,990,797



SOURCE: CES, LRS, DECA, AAFES, NAF

PERSONNEL BY CLASSIFICATION AND HOUSING LOCATION

CLASSIFICATION

1. APPROPRIATED FUND MILITARY

	1,326	2,584 308	101AL 3,910 309
ARING	1,338	4,099	<u>1,218</u> 5,437
MEMBERS	1,429	1,935	3,364
GENERAL SCHEDULE	FEDERAL WAGE BOAR		-
3	0	3	
30	14	44	
261	90	351	
9	0	9	
	0		
104	155		
611	259	870	
	ARNG MEMBERS GENERAL SCHEDULE 3 30 261 9 204 104	NATIONAL GUARD 1,326 /ARNG 1 /ARNG 11 1,338 /MEMBERS 1,429 GENERAL FEDERAL SCHEDULE WAGE BOAR 3 0 30 14 261 90 9 0 204 0 104 155	NATIONAL GUARD $1,326$ $2,584$ 1 308 11 $1,207$ $1,338$ $4,099$ TMEMBERS $1,429$ $1,935$ GENERALFEDERALTOTALSCHEDULEWAGE BOARD303301444261903519092040204104155259

4. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

Civilian NAF Civilian Base Exchange Contract Civilians		176 82 675
PRIVATE BUSINESS ON BASE BRANCH BANKS WHITEMAN ELEMENTARY SCHOOL NORTHROP		3 43 120
	TOTAL:	1099
	TOTAL CIVILIANS:	1,969
	TOTAL PERSONNEL:	10,770

SOURCE: FSS, CONS, NAF, AAFES, UMB, 442D FW, 131st BW, MOANG, NORTHROP, KNOB NOSTER ELEMENTARY SCHOOL, COE, DECA

ANNUAL PAYROLL BY CLASSIFICATION AND HOUSING LOCATION

CLASSIFICATION

1. APPROPRIATED FUND MILITARY

ACTIVE DUTY ANG/RESERVE NON-EXTENDED ACTIVE DUTY RESERVE

\$250,465,886 \$3,900,627 <u>\$19,179,503</u> **\$273,546,016**

2. APPROPRIATED FUND CIVILIAN

	GENERAL SCHEDULE	FEDERAL WAGE BOARD		TOTAL	
Mo Army National Guard	\$ 109,080	\$	0	\$	109.080
Commissary	\$ 1,502,297	\$	701,571	\$	2,203,868
509 Bomb Wing	\$ 16,733,013	\$	6,524,601	\$	23,257,614
Corps of Engineers	\$ 676,334	\$	0	\$	676,334
131st Bomb Wing	\$ 20,831,846	\$	Ο	\$	20,831,846
442D FIGHTER WING	\$ 7,517,152	\$	11,203,448	\$	18,720,600
Total	\$ 47,369,722	\$ 1	8,429,620	\$	65,799,342

3. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

Civilian NAF Civilian Base Exchange Private Business on Base		\$ 4,449,307 \$ 1,640,000 \$ 11,645,314
I RIVATE DUSINESS ON DASE	TOTAL:	\$ 17,734,621

TOTAL ANNUAL PAYROLL: \$357,079,979

TOTAL:

SOURCE: FSS, CPTS/FMA, AAFES, UMB, 442d FW, 131st BW, MOANG, NORTHROP, KNOB NOSTER ELEMENTARY SCHOOL, NAF, COE, DECA

EXPENDITURES FOR CONSTRUCTION, SERVICES AND PROCUREMENT OF MATERIALS, EQUIPMENT AND SUPPLIES

(NOT INCLUDING CONTRACTS FOR SERVICES SUPPLIED TO OTHER AIR FORCE INSTALLATIONS)

		ACTUAL ANNUAL EXPENDITURES
1. CONSTRUCTION		
Military Construction Program Nonappropriated Fund Military Family Housing O&M Other		\$ 8,584,260 \$ 0 \$ 0 \$ 31,857 <u>\$ 2,568,650</u>
2. SERVICES	TOTAL:	\$ 11,184,767
UTILITIES Services Contracts * Other Services (not elsewhere included)		\$ 5,642,642 \$ 12,297,656 <u>\$ 94,815</u>
	TOTAL:	\$ 18,035,113
3. MATERIALS, EQUIPMENT AND SUPPLIES PROCUF	REMENT	
Commissary Base Exchange (BX) Health (Supplemental and cooperative care) Education (Impact aid and tuition assistance) TDY Other Materials & Supplies (not elsewhere inclue	DED)	\$ 907,153 \$ 949,520 \$ 37,452,000 \$ 7,467,531 \$ 837,201 \$ 10,936,630
	TOTAL:	\$ 58,550,035
TOTAL ANNUAL EXPENDITURES:		\$ 87,769,915

*INCLUDES ONLY CONTRACTS IN THE LOCAL ECONOMIC AREA OR CONTRACTS REQUIRING THE USE OF LOCALLY SUPPLIED GOODS AND SERVICES.

SOURCE: CES, CONS, COMM, COE, DECA, AAFES, MDG, FSS, 442D FW, 131st BW, MOANG.

ESTIMATE OF NUMBER AND DOLLAR VALUE OF INDIRECT JOBS CREATED

1. TYPE OF PERSONNEL	# OF Base Jobs	Multiplier	# OF INDIRECT JOBS
MILITARY ACTIVE DUTY Reserve/ang DoD CIVILIANS OTHER CIVILIANS	3,910 1,527 870 <u>1,099</u>	0.29 0.13 0.43 <u>0.43</u>	1,134 199 374 <u>473</u>
TOTAL:	7,406		2,180

2. AVERAGE ANNUAL PAY FOR THE LOCAL COMMUNITY: \$5

\$50,188

**ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$109,409,840

TABLE 5

TOTAL ANNUAL ECONOMIC IMPACT ESTIMATE

1. ANNUAL PAYROLL:

OVERALL TOTAL:	\$ 554,259,734
TOTAL IMPACT INCLUDING RETIREE PAYROLL:	\$ 642,226,734

SOURCE: BUREAU OF LABOR STATISTICS

DISTRIBUTION OF RETIREE PERSONNEL AND ANNUAL PAYROLL

COMMUNITIES WITHIN 50 MILES WHERE AIR FORCE MILITARY RETIREES LIVE

ZIP CODE	CITY	<u># OF RETIREES</u>	ANNUAL PAYROLL
64014/5	BLUE SPRINGS	117	2,586,000
64016	BUCKNER	4	104,000
64019	CENTERVIEW	33	769,000
64020	Concordia	16	429,000
64021	CORDER	1	12,000
64029	GRAIN VALLEY	34	824,000
64034	GREENWOOD	16	420,000
64035	Hardin	4	68,000
64036	HENRIETTA	1	18,000
64037	HIGGINSVILLE	17	408,000
64040	HOLDEN	40	1,120,000
64061	KINGSVILLE	8	221,000
64067	LEXINGTON	10	279,000
64070	LONE JACK	6	196,000
64071	Mayview	2	35,000
64074	NAPOLEON	1	30,000
64075	Oak Grove	30	690,000
64076	ODESSA	16	413,000
64080	PLEASANT HILL	31	626,000
64081/6	LEES SUMMIT	95	2,698,000
64085	RICHMOND	7	172,000
64093	WARRENSBURG	703	19,793,000
64097	WELLINGTON	2	50,000
64701	HARRISONVILLE	33	681,000
64733	CHILHOWEE	17	505,000
64735	CLINTON	41	928,000
64761	LEETON	29	600,000
65081	TIPTON	6	155,000
65084	VERSAILLES	8	205,000
65301/2	SEDALIA	208	5,157,000
65305	WHITEMAN AFB	27	711,000

CONT. ON NEXT PAGE

DATA SOURCE: OFFICE OF ACTUARY

DISTRIBUTION OF RETIREE PERSONNEL AND ANNUAL PAYROLL

ZIP CODE	<u>CITY</u>	# OF RETIREES	ANNUAL PAYROLL
65321	BLACKBURN	2	42,000
65323	CALHOUN	4	101,000
65325	COLE CAMP	18	402,000
65326	EDWARDS	7	152,000
65330	GILLIAM	0	0
65332	GREEN RIDGE	12	323,000
65333	Houstonia	1	25,000
65334	HUGHSVILLE	3	85,000
65335	Ιονιά	1	30,000
65336	KNOB NOSTER	426	10,674,000
65337	La Monte	29	588,000
65338	LINCOLN	9	192,000
65339	Malta Bend	2	60,000
65340	Marshall	21	468,000
65347	NELSON	0	0
65348	OTTERVILLE	4	93,000
65349	SLATER	3	48,000
65350	SMITHTON	5	85,000
65351	SWEET SPRINGS	7	149,000
65354	SYRACUSE	2	99,000
65355	WARSAW	65	1,723,000
65360	WINDSOR	78	1,905,000

TOTAL

2,262

\$58,147,000

COMMUNITIES WITHIN 50 MILES WHERE MILITARY RETIREES FROM OTHER SERVICES LIVE

		<u># OF RETIREES</u>	ANNUAL PAYROLL
ALL ZIP CODES	U.S. ARMY	965	17,030,000
ALL ZIP CODES	U.S. NAVY	452	8,560,000
ALL ZIP CODES	U.S. MARINES	179	4,230,000
ALL ZIP CODES	U.S. COAST GUARD	27	(PAID BY DHS)
TOTAL		1,623	\$29,820,000
TOTAL FOR	ALL SERVICES	3,885	\$87,967,000
ICIALION		5,005	φ07,507,000

WHITEMAN AFB FUTURE PLANS

FY 2019 FUTURE PROJECTIONS INCLUDE THE FOLLOWING (\$K):

- A RENOVATE MUNS ADMIN & TRAILER \$300
- B REPAIR B14 WEAPONS LOAD TRAINING \$500
- C REPAIR AND RENOVATE B7 CORROSION CONTROL \$1,100
- D RENOVATE TAIL PIPE ASSEMBLY \$1,500
- E RENOVATE AIRFIELD TOWER \$700
- F IMPROVE ENDEAVOR DORM ENERGY EFFICIENCY \$6,000
- G REPAIR SPIRIT GATE ENTRANCE LANES \$950
- H REPAIR TAXIWAY SLABS, DRAINAGE, SEAL JOINTS \$9,500
- I SEAL JOINTS ON AIRFIELD PAVEMENT \$800

FY 2018 MAJOR PROJECTS INCLUDED (\$K):

- A REPAIR FIRE SUPPRESSION IN BASE WAREHOUSE, B115, \$2,150
- B REPAIR NORTH RAMP SLABS, SOUTH END, \$4,000
- C REPAIR ELECTRICAL DEFICIENCIES, B4050, \$950
- D ELIMINATE FLOODING NE CORNER OF WSA, \$1,800
- E REPAIR BUILDING 527 FOR AIRMAN & FAMILY READINESS, \$3,800
- F RENOVATE 442D MEDICAL SQUADRON 1 ST & 2ND FLOORS, \$2,320
- G RENOVATE 442D SERVICES AND COMMUNICATIONS FLIGHTS, \$1,500

