



WHITEMAN AIR FORCE BASE









ECONOMIC IMPACT REPORT

FISCAL YEAR 2019



The purpose of this Economic Impact Report is to present Whiteman Air Force Base's impact on the local economy during fiscal year 2019. 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 2019 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.

JEFFREY T. SCHREINER, Colonel, USAF Commander, 509th Bomb Wing

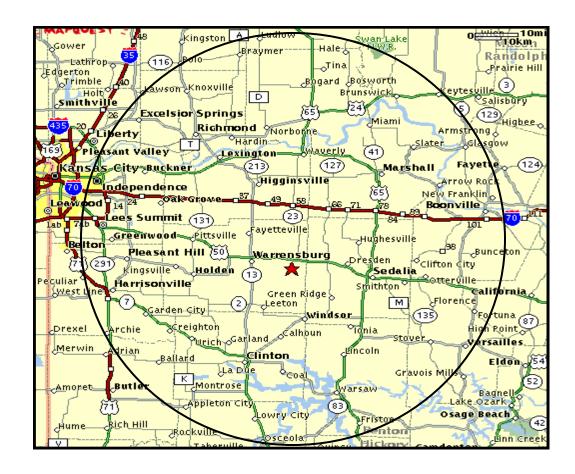
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EXECUTIVE SUMMARY

BASE EMPLOYMENT	
ACTIVE DUTY MILITARY	4,224
RESERVE/AIR & ARMY NATIONAL GUARD	2,997
APPROPRIATED AND OTHER CIVILIAN	1,918
TOTAL BASE EMPLOYMENT	9,139
BASE PAYROLL	
ACTIVE DUTY MILITARY	\$ 254,909,231
RESERVE/AIR & ARMY NATIONAL GUARD	\$ 55,017,959
APPROPRIATED FUND CIVILIAN	\$ 63,590,881
OTHER CIVILIANS	\$ 7,733,712
TOTAL PAYROLL	\$ 391,251,783
ANNUAL RETIREE PAYROLL	\$ 97,667,000
TOTAL ANNUAL BASE EXPENDITURES	\$ 169,073,753
ESTIMATED ANNUAL VALUE OF JOBS CREATED	\$ 111,266,796
ESTIMATED TOTAL IMPACT WITHIN ECONOMIC IMPACT REGION	\$769,259,332

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>	FORCE TYPE	NUMBER OF AIRCRAFT	<u>FLYING</u> <u>HOURS</u>
509тн BOMB WING	B-2 BOMBER	20	5,841
13TH BOMB SQUADRON	T-38 COMPANION Trainer	14	3,810
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	15,751

SOURCE: 509 OG, 442D FW, MOANG

PROGRAM DATA BY ORGANIZATION

509TH CONTRACTING SQUADRON

DOLLARS AWARDED

SMALL BUSINESS	\$ 10,3	801,753
LARGE BUSINESS	\$ 3,3	19,396
SMALL DISADVANTAGED	\$ 18,9	66,044
NON-PROFIT BUSINESS	\$ 9	57,827
OTHER	\$ 6	60,544
FY 19 TOTAL	\$ 34,2	05,564

OF THE ABOVE AWARDS:

\$6,827,307 WAS AWARDED TO WOMEN-OWNED BUSINESSES

LOCAL AREA	\$ 2,581,574
OTHER MISSOURI	\$ 9,064,307
OUTSIDE MISSOURI	\$ 22,559,682
FY 19 TOTAL	\$ 34,205,564

509TH FORCE SUPPORT SQUADRON

_			
	TDY Expenditures in Economic	NIGHTS BILLETED	Dollars
	IMPACT REGION (OFF BASE)	(OFF-BASE)	EXPENDED
	OFFICER *	1,660	\$ 127,820
	CIVILIAN*	989	\$ 76,153
	ENLISTED*	8,299	\$ 639,023
	TOTAL	10,948	\$ 842,996
_			
	* AVERAGE COST \$77.00 PER NIGHT		
13	1 BW CONTRACT QUARTERS TOTAL**	2,417	\$ 158,506
(**/	(AVERAGE COST \$65 58 PER NIGHT)		

(**AVERAGE COST \$65.58 PER NIGHT)

442 FW CONTRACT QUARTERS TOTAL***

7,448 \$ 647,976

(**AVERAGE COST \$87.00 PER NIGHT)

131ST & 442ND FY 19 TOTAL 9,865 \$ 806,482

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>	<u>TOTAL</u>
VOCATIONAL	0	151	0	151
UNDERGRADUATE	2	2,561	3	2,566
GRADUATE	1 1 1	189	5	305
STUDENT TOTAL	113	2,901	8	3,022

	TOTAL	\$11,054,588
FY 19 ACTIVE DUTY TUITION ASSISTANCE		\$ 2,064,436
FY 19 FEDERAL EDUCATION IMPACT AID		\$ 8,990,152

TOTAL	\$	166,364
AIR FORCE AID CONTRIBUTIONS LOANS GRANTS EDUCATION (SPOUSES/CHILDREN OF ACTIVE DUTY PERSONNEL)	\$ \$ \$	131,002 16,093 19,269
COMBINED FEDERAL CAMPAIGN	\$	13,365
CONTRIBUTIONS		
WHITEMAN AFB VOLUNTEERS THAT DONATED BLOOD		120
BLOOD DONORS (PINTS DONATED)		104
COMMUNITY SERVICE		

PROGRAM DATA BY ORGANIZATION

509TH CIVIL ENGINEER SQUADRON

REAL PROPERTY MAINTENANCE		
ROADWAYS	635,832	SQ YDS
DRIVEWAYS	223,553	SQ YDS
SIDEWALKS	95,459	SQ YDS
PRIMARY DISTRIBUTION LINES OVERHEAD	1,990	LINEAR FT
SECONDARY DISTRIBUTION LINES OVERHEAD	435,487	LINEAR FT
PRIMARY DISTRIBUTION LINES UNDERGROUND	2,943,898	LINEARFT
SECONDARY DISTRIBUTION LINES UNDERGROUND	200,712	LINEARFT
STEAM HEAT MAINS UNDERGROUND	357,744	LINEAR FT
STEAM HEAT MAINS OVERHEAD	40,896	LINEAR FT
WATER DISTRIBUTION MAINS	381,009	LINEAR FT
WATER SUPPLY MAINS NON-POTABLE	34,236	LINEAR FT
WATER TANK STORAGE	1,250	K GAL
STORM DRAINAGE DISPOSAL	404,976	LINEAR FT
SANITATION SEWER MAIN	200,233	LINEAR FT
EXTERIOR AREA LIGHTING	3,108	EACH
FIRE PROTECTION WATER MAIN	21,750	LINEAR FT

UTILITIES CONSUMED		
COMMERCIAL POWER	83,635,386	KWH
WATER	185,042,900	GAL
NATURAL GAS	355,631	MBTU

509TH LOGISTICS READINESS SQUADRON	
NUMBER OF DO-IT-YOURSELF MOVES	1,466
OUT-BOUND HOUSEHOLD GOODS (NUMBER OF SHIPMENTS)	903
SURFACE FREIGHT IN/OUT (NUMBER OF SHIPMENTS)	21,961

SOURCE: CES, LRS

CAPITAL ASSETS

LAND WHITEMAN (ACRES)

FEE OWNED 4,948
EASEMENT 256
LEASED 362

TOTAL ACRES 5,566

RUNWAY/OTHER REAL PROPERTY

RUNWAY (NORTH/SOUTH) 276,193 SQ YD

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



BUILDINGS	<u>NUMBER</u>	<u>SQ FT</u>
INDUSTRIAL ADMINISTRATION ADMINISTRATION (NON AIR FORCE) COMMISSARY BASE EXCHANGE RECREATION HOSPITAL	233 68 2 1 1 31 5	2,396,249 1,044,845 3,281 60,732 61,382 264,719 110,421
TOTAL BUILDINGS AND SQ FT	341	3,941,629

MILITARY FAMILY HOUSING

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



<u>LIVING QUARTERS</u>	<u>UNITS</u>	BED CAPACITY
NCO/AIRMAN QUARTERS VISITING OFFICER QUARTERS TEMPORARY LODGING FACILITIES	5 5 6	626 126 32
TOTAL	16	784

SOURCE: CES, FSS

CAPITAL ASSETS (CONT'D)

VEHICLES

OWNED 644
LEASED 53
VEHICLE TOTAL 697

FLEET ASSET VALUE \$ 77,500,000

VALUE OF CAPITAL ASSETS

REAL PROPERTY

BUILDINGS \$ 2,835,993,828 LAND \$ 14,841,000 OTHER REAL PROPERTY \$ 526,289,441

FY 19 TOTAL VALUE \$ 3,377,124,269

EQUIPMENT

APPROPRIATED FUND \$ 399,549,994 NONAPPROPRIATED FUND (NAF) \$ 15,528,248

FY 19 EQUIPMENT TOTAL VALUE \$ 415,078,242

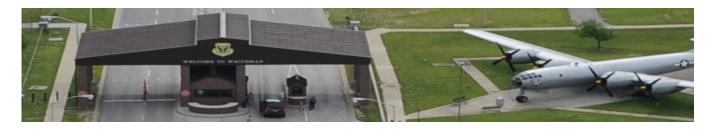
INVENTORIES

\$777,814,342 **SALES OUTLETS**BASE EXCHANGE \$ 3,005,631

COMMISSARY \$ 14,085,621

NAF ACTIVITIES \$ 85,203

FY 19 INVENTORY TOTAL VALUE \$ 794,990,797



SOURCE: CES, LRS, DECA, AAFES, NAF

PERSONNEL BY CLASSIFICATION AND HOUSING LOCATION

CLASSIFICATION

1. APPROPRIATED FUND MILITARY

	ON BASE	OFF BASE	TOTAL
ACTIVE DUTY	1,626	2,598	4,224
RESERVE/AIR NATIONAL GUARD/ARMY NATIONAL GUARD	1	1,894	1,895
Non-Extended Active Duty Reserve/ARNG	17	1,085	1,102
TOTAL:	1,344	3,529	7,221
2. MILITARY DEPENDENTS/FAMILY MEMBERS	2,143	2,002	4,146

3. APPROPRIATED FUND CIVILIAN	GENERAL SCHEDULE	FEDERAL WAGE BOARD	TOTAL
MISSOURI ARMY NATIONAL GUARD	3	0	3
COMMISSARY	30	14	44
509 BOMB WING	261	90	351
CORPS OF ENGINEERS	9	0	9
131ST BOMB WING	108	0	108
442D FIGHTER WING	104	155	259
TOTAL	515	259	774

4. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

CIVILIAN NAF	211
CIVILIAN BASE EXCHANGE	79
CONTRACT CIVILIANS	685
PRIVATE BUSINESS ON BASE	
BRANCH BANKS	3
WHITEMAN ELEMENTARY SCHOOL	43
Northrop	123

TOTAL: 1,144

TOTAL CIVILIANS: 1,918

TOTAL PERSONNEL: 13,285

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

\$254,909,231 \$ 49,913,075 \$ 5.104.884

TOTAL:

\$309,927,190

2. APPROPRIATED FUND CIVILIAN

	GENERAL SCHEDULE	EDERAL VAGE BOARD	•	TOTAL
Mo Army National Guard	\$ 104,080	\$ Ο	\$	104,080
COMMISSARY	\$ 1,452,148	\$ 701,571	\$	2,153,719
509 Bomb Wing	\$ 16,733,013	\$ 6,524,601	\$	3,257,614
CORPS OF ENGINEERS	\$ 679,894	\$ Ο	\$	679,894
131st Bomb Wing	\$ 21,174,974	\$ 0	\$	21,174,974
442D FIGHTER WING	\$ 6,341,685	\$ 11,497,39 <u>5</u>	\$	16,220,600
TOTAL	\$ 48,540,943	\$ 19,723,567	\$	63,590,881

3. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

CIVILIAN NAF CIVILIAN BASE EXCHANGE PRIVATE BUSINESS ON BASE \$ 4,448,398 \$ 1,640,000 \$ 11,645,314

TOTAL: \$17,733,712

TOTAL ANNUAL PAYROLL: \$391,251,783

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		\$ 41,774,394 \$ 0 \$ 0 \$ 39,000,000 \$ 5,600,000
2. SERVICES	TOTAL:	\$ 86,374,394
UTILITIES SERVICES CONTRACTS * OTHER SERVICES (NOT ELSEWHERE INCLUDED)		\$ 5,623,997 \$ 16,550,959 \$ 108,534
	TOTAL:	\$ 22,283,490
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 INCLUI		\$ 907,153 \$ 1,268,312 \$ 34,587,000 \$ 11,054,588 \$ 837,201 \$ 11,761,615
	TOTAL:	\$ 60,415,869
TOTAL ANNUAL EXPENDITURES:		\$169,073,753

^{*}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 1,254 870 <u>1,099</u>	0.29 0.13 0.43 <u>0.43</u>	1,134 236 374 <u>473</u>
TOTAL:	7,133		2,217

2. AVERAGE ANNUAL PAY FOR THE LOCAL COMMUNITY: \$50,188

ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$111,266,79**6

TABLE 5

TOTAL ANNUAL ECONOMIC IMPACT ESTIMATE

1. ANNUAL PAYROLL:

\$254.909.231 MILITARY FEDERAL CIVILIAN \$ 63,590,881 \$<u>17,733,712</u> OTHER CIVILIAN TOTAL PAYROLL: \$391,251,783

2. ANNUAL EXPENDITURES: \$ 169,073,753

3. ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED:

AVERAGE ANNUAL PAY \$50,188 X 2,217 ESTIMATED INDIRECT JOBS CREATED TOTAL JOB VALUE \$111,266,796

> **OVERALL TOTAL:** \$ 671,592,332

\$ 769,259,332 TOTAL IMPACT INCLUDING RETIREE PAYROLL:

SOURCE: BUREAU OF LABOR STATISTICS

DISTRIBUTION OF RETIREE PERSONNEL AND ANNUAL PAYROLL

COMMUNITIES WITHIN 50 MILES WHERE AIR FORCE MILITARY RETIREES LIVE

ZIP CODE	<u>CITY</u>	# OF RETIREES	ANNUAL PAYROLL
64014/5	BLUE SPRINGS	134	2,928,000
64016	BUCKNER	4	108,000
64019	CENTERVIEW	34	768,000
64020	CONCORDIA	18	456,000
64021	CORDER	0	0
64029	GRAIN VALLEY	40	900,000
64034	GREENWOOD	16	420,000
64035	HARDIN	4	72,000
64036	HENRIETTA	1	24,000
64037	Higginsville	19	444,000
64040	HOLDEN	42	1,212,000
64061	KINGSVILLE	11	192,000
64067	LEXINGTON	11	288,000
64070	LONE JACK	7	204,000
64071	MAYVIEW	3	36,000
64074	Napoleon	1	36,000
64075	Oak Grove	27	552,000
64076	ODESSA	18	420,000
64080	PLEASANT HILL	32	672,000
64081/6	LEES SUMMIT	102	2,748,000
64085	RICHMOND	7	156,000
64093	WARRENSBURG	756	20,904,000
64097	WELLINGTON	2	48,000
64701	HARRISONVILLE	38	804,000
64733	CHILHOWEE	20	552,000
64735 64761	CLINTON	41	928,000
65081	LEETON	28 7	600,000
65084	TIPTON VERSAILLES	7	180,000 180,000
65301/2	SEDALIA	216	5,352,000
65305	WHITEMAN AFB	35	756,000
00000	ANTHICINIAN AT D	55	750,000

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DATA SOURCE: OFFICE OF ACTUARY

DISTRIBUTION OF RETIREE PERSONNEL AND ANNUAL PAYROLL

ZIP CODE	<u>CITY</u>	# OF RETIREES	ANNUAL PAYROLL
65321	BLACKBURN	2	48,000
65323	CALHOUN	6	120,000
65325	COLE CAMP	21	492,000
65326	EDWARDS	6	120,000
65330	GILLIAM	1	0
65332	GREEN RIDGE	15	372,000
65333	Houstonia	1	24,000
65334	HUGHSVILLE	3	85,000
65335	Ionia	0	Ο
65336	KNOB NOSTER	452	10,674,000
65337	La Monte	31	660,000
65338	LINCOLN	9	180,000
65339	Malta Bend	2	60,000
65340	MARSHALL	20	444,000
65347	NELSON	0	O
65348	OTTERVILLE	6	96,000
65349	SLATER	3	48,000
65350	SMITHTON	5 7	84,000
65351 65354	SWEET SPRINGS		156,000
65354 65355	SYRACUSE	2	96,000
65360	Warsaw Windsor	68	1,812,000
00300	WINDSOK	82	1,896,000
TOTAL		2,423	\$60,407,000

COMMUNITIES WITHIN 50 MILES WHERE MILITARY RETIREES FROM OTHER SERVICES LIVE

		# OF RETIREES	ANNUAL PAYROLL	
ALL ZIP CODES	U.S. ARMY	1,103	21,408,000	
ALL ZIP CODES	U.S. NAVY	479	10,680,000	
ALL ZIP CODES	U.S. MARINES	202	5,172,000	
ALL ZIP CODES	U.S. COAST GUARD	27	(PAID BY DHS)	
TOTAL		1,811	\$37,260,000	
TOTAL FOR ALL SERVICES		4,234	\$97,667,000	

WHITEMAN AFB FUTURE PLANS

FY 2020 FUTURE PROJECTIONS INCLUDE THE FOLLOWING:

- REPAIR TAXIWAY SLABS, DRAINAGE, SEAL JOINTS \$9,500,000
- FSS ANNEX \$5,500,000
- MUNS STORAGE MAINTENANCE FACILITY \$10,500,000
- Lemay Gate Reconfiguration \$5,500,000
- REPAIR 400-Hz, MULTIPLE FACILITIES \$2,700,000
- REPLACE CRAC UNITS \$2,400,000
- CONVERT VOQ TO ENLISTED DORM, ENTERPRISE HALL \$250,000
- REPAIR SPIRIT GATE ENTRANCE LANES \$1,900,000
- REPAIR HVAC AND UPGRADE CHEMICAL STORAGE, LO \$941,000
- GLOBAL ASNT ANTENNA \$848,000
- UPGRADE HVAC IN COMMAND POST \$534,000
- CONVERT AUTO HOBBY SHOP TO NATURAL GAS \$481,000
- REPAIR BX SANITARY GREASE LINE \$348,000
- RENNOVATE IN FLIGHT KITCHEN \$238,000

FY 2019 MAJOR PROJECTS INCLUDED:

- A RENOVATE MUNS ADMIN & TRAILER \$300
- B REPAIR B14 WEAPONS LOAD TRAINING \$500
- C REPAIR AND RENOVATE B7 CORROSION CONTROL \$2,500
- D RENOVATE TAIL PIPE ASSEMBLY \$1,500
- E RENOVATE AIRFIELD TOWER \$700
- F IMPROVE ENDEAVOR DORM ENERGY EFFICIENCY \$6,000
- G SEAL JOINTS ON AIRFIELD PAVEMENT \$800

