



WHITEMAN AIR FORCE BASE



ECONOMIC IMPACT REPORT

FISCAL YEAR
2021



The purpose of this Economic Impact Report is to present Whiteman Air Force Base's impact on the local economy during Fiscal Year 2021. 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 2021 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 509th Comptroller Squadron 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 509th Comptroller Squadron at (660) 687-3031 or DSN 975-3031.

DANIEL C. DIEHL, Colonel, USAF
Commander, 509th Bomb Wing

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EXECUTIVE SUMMARY

BASE EMPLOYMENT

ACTIVE DUTY MILITARY	4,404
RESERVE/AIR & ARMY NATIONAL GUARD	2,086
APPROPRIATED AND OTHER CIVILIAN	2,098

TOTAL BASE EMPLOYMENT **8,588**

BASE PAYROLL

ACTIVE DUTY MILITARY	\$236,312,908
RESERVE/AIR & ARMY NATIONAL GUARD	\$58,100,433
APPROPRIATED FUND CIVILIAN	\$60,425,205
OTHER CIVILIANS	\$16,724,482

TOTAL PAYROLL **\$371,563,028**

ANNUAL RETIREE PAYROLL **\$100,165,000**

TOTAL ANNUAL BASE EXPENDITURES **\$192,729,005**

ESTIMATED ANNUAL VALUE OF JOBS CREATED **\$102,297,428**

**ESTIMATED TOTAL IMPACT WITHIN ECONOMIC
IMPACT REGION** **\$766,754,461**

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 AIRCRAFT</u>	<u>FLYING HOURS</u>
509TH BOMB WING	B-2 BOMBER	20	6,113
13TH BOMB SQUADRON	T-38 COMPANION TRAINER	14	3,653
442D FIGHTER WING	A/OA-10 FIGHTER	27	4,597
MISSOURI ARMY NATIONAL GUARD	UH-60L HELICOPTER	15	1,940
TOTAL AIRCRAFT AND FLYING HOURS		76	16,303

SOURCE: 509 OG, 442D FW, MOANG

PROGRAM DATA BY ORGANIZATION

509TH CONTRACTING SQUADRON

DOLLARS AWARDED

SMALL BUSINESS	\$24,942,141
LARGE BUSINESS	\$ 6,307,660
SMALL DISADVANTAGED	\$20,692,119
NON-PROFIT BUSINESS	\$ 2,880,706
OTHER	\$ 993,074
FY 21 TOTAL	\$55,815,700

OF THE ABOVE AWARDS:
\$6,263,634 WAS AWARDED TO WOMEN-OWNED BUSINESSES

LOCAL AREA (INCLUDING KANSAS CITY)	\$ 3,539,169
OTHER MISSOURI	\$ 7,133,457
OUTSIDE MISSOURI	\$24,450,955
FY 21 TOTAL	\$35,123,582

509TH FORCE SUPPORT SQUADRON

TDY EXPENDITURES IN ECONOMIC IMPACT REGION (OFF BASE)	NIGHTS BILLETED (OFF-BASE)	DOLLARS EXPENDED
OFFICER *	1,704	\$ 163,584
CIVILIAN*	549	\$ 52,704
ENLISTED*	12,545	\$1,204,320
TOTAL	14,798	\$1,420,608

** AVERAGE COST \$96.00 PER NIGHT*

131 BW CONTRACT QUARTERS TOTAL ** \$ 320,865.00
*(** AVERAGE COST \$96.00 PER NIGHT)*

SOURCE: 509 CONS, FSS (509 SVS), 131ST BW

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	38	0	38
UNDERGRADUATE	0	2,421	14	2,435
GRADUATE	135	269	14	418
STUDENT TOTAL	135	2,728	28	2,891

FY 21 FEDERAL EDUCATION IMPACT AID	\$7,298,869
FY 21 ACTIVE DUTY TUITION ASSISTANCE	<u>\$2,034,441</u>
TOTAL	\$9,333,310

**COMMUNITY SERVICE
CONTRIBUTIONS**

AIR FORCE AID CONTRIBUTIONS	\$ 11,172
LOANS	\$ 26,156
GRANTS	\$ 71,560
EDUCATION (SPOUSES/CHILDREN OF ACTIVE DUTY PERSONNEL)	\$ 43,390

TOTAL **\$152,778**

509TH LOGISTICS READINESS SQUADRON

NUMBER OF DO-IT-YOURSELF MOVES	74
OUT-BOUND HOUSEHOLD GOODS (NUMBER OF SHIPMENTS)	1,875
SURFACE FREIGHT IN/OUT (NUMBER OF SHIPMENTS)	14,147

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	34.2 MILES

**BUILDINGS****NUMBER****SQ FT**

INDUSTRIAL	228	2,334,403
ADMINISTRATION	72	1,179,121
ADMINISTRATION (NON AIR FORCE)	3	3,601
COMMISSARY	1	60,732
BASE EXCHANGE	2	65,682
RECREATION	31	264,719
HOSPITAL	5	110,421

TOTAL BUILDINGS**MILITARY FAMILY HOUSING**

	2-BR	3-BR	4-BR	TOTAL
OFFICER	22	52	30	104
ENLISTED	329	311	146	786
TOTAL	351	363	176	1241

**LIVING QUARTERS****UNITS****BED CAPACITY**

NCO/AIRMAN QUARTERS	6	752
VISITING OFFICER QUARTERS	3	55
TEMPORARY LODGING FACILITIES	6	72
TOTAL	15	879

SOURCE: CES, FSS

CAPITAL ASSETS (CONT'D)**VEHICLES**

OWNED	586
LEASED	55
VEHICLE TOTAL	641

FLEET ASSET VALUE	\$ 75,726,742
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VALUE OF CAPITAL ASSETS**REAL PROPERTY**

BUILDINGS	\$ 503,112,803
LAND	\$ 6,069,815
OTHER REAL PROPERTY	\$ 241,243,696

FY 21 TOTAL VALUE	\$ 750,426,314
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EQUIPMENT

APPROPRIATED FUND	\$ 952,000,000
NONAPPROPRIATED FUND (NAF)	\$ 8,335,621

FY 21 EQUIPMENT TOTAL VALUE	\$ 960,335,621
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INVENTORIES

STOCK FUNDS	\$ 668,032,743
SALES OUTLETS	
BASE EXCHANGE	\$ 3,106,611
COMMISSARY	\$ 10,588,953
NAF ACTIVITIES	\$ 76,522

FY 21 INVENTORY TOTAL VALUE	\$ 681,804,829
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SOURCE: CES, LRS, DECA, AAFES, NAF

TABLE 1**PERSONNEL BY CLASSIFICATION AND HOUSING LOCATION****CLASSIFICATION****1. APPROPRIATED FUND MILITARY**

	ON BASE	OFF BASE	TOTAL
ACTIVE DUTY	1,437	2,967	4,404
RESERVE/AIR NATIONAL GUARD/ARMY NATIONAL GUARD	0	965	965
NON-EXTENDED ACTIVE DUTY RESERVE/ANG	0	1,121	1,121
TOTAL:	1,437	5,053	6,490

2. MILITARY DEPENDENTS/FAMILY MEMBERS

ON BASE	OFF BASE	TOTAL
1,336	2,103	3,439

3. APPROPRIATED FUND CIVILIAN

	GENERAL SCHEDULE	FEDERAL WAGE BOARD	TOTAL
MISSOURI ARMY NATIONAL GUARD			
509 BOMB WING	421	261	682
CORPS OF ENGINEERS	9	0	9
131ST BOMB WING	104	161	265
442D FIGHTER WING	45	5	50
TOTAL	579	427	1,006

4. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

CIVILIAN NAF	169
COMMISSARY	37
CIVILIAN BASE EXCHANGE	37
CONTRACT CIVILIANS	678
PRIVATE BUSINESS ON BASE	
WHITEMAN ELEMENTARY SCHOOL	50
NORTHROP	121

TOTAL: 1,092

TOTAL CIVILIANS: 2,098

TOTAL PERSONNEL: 12,027

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

TABLE 2**ANNUAL PAYROLL BY CLASSIFICATION AND HOUSING LOCATION****CLASSIFICATION****1. APPROPRIATED FUND MILITARY**

ACTIVE DUTY	\$236,312,908
ANG/RESERVE	\$30,711,091
NON-EXTENDED ACTIVE DUTY RESERVE	<u>\$27,389,342</u>
TOTAL:	\$294,413,341

2. APPROPRIATED FUND CIVILIAN

	GENERAL SCHEDULE	FEDERAL WAGE BOARD	TOTAL
MO ARMY NATIONAL GUARD			
COMMISSARY	\$1,938,000	\$1,887	\$1,939,887
509 BOMB WING	\$20,376,419	\$7,471,361	\$27,847,780
CORPS OF ENGINEERS	\$787,094	0	\$787,094
131ST BOMB WING	\$11,659,421	\$14,736,282	\$26,395,703
442D FIGHTER WING	\$3,109,267	\$345,474	\$3,454,741
TOTAL	\$37,870,201	\$22,555,004	\$60,425,205

3. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

CIVILIAN NAF	\$ 3,987,097
CIVILIAN BASE EXCHANGE	\$ 1,832,626
PRIVATE BUSINESS ON BASE	<u>\$10,904,759</u>
TOTAL	\$16,724,482

TOTAL ANNUAL PAYROLL \$ 371,563,028

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

TABLE 3**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	\$ 31,979,000
NONAPPROPRIATED FUND	\$ 14,261,963
MILITARY FAMILY HOUSING	\$ 0.00
O&M	\$ 935,000
OTHER	<u>\$ 60,114,963</u>
	TOTAL \$107,290,926
2. SERVICES	
UTILITIES	\$14,158,614
SERVICES CONTRACTS *	\$14,939,026
OTHER SERVICES (NOT ELSEWHERE INCLUDED)	<u>\$ 296,733</u>
	TOTAL \$29,394,373
3. MATERIALS, EQUIPMENT AND SUPPLIES PROCUREMENT	
COMMISSARY	\$ 65,802
BASE EXCHANGE (BX)	\$ 1,131,560
HEALTH (SUPPLEMENTAL AND COOPERATIVE CARE)	\$ 35,416,727
EDUCATION (IMPACT AID AND TUITION ASSISTANCE)	\$ 9,333,310
OTHER MATERIALS & SUPPLIES (NOT ELSEWHERE INCLUDED)	\$ 10,096,307
	TOTAL \$ 56,043,706
TOTAL ANNUAL EXPENDITURES:	\$ 192,729,005

*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.

TABLE 4**ESTIMATE OF NUMBER AND DOLLAR VALUE OF
INDIRECT JOBS CREATED**

1. TYPE OF PERSONNEL	# OF BASE JOBS	MULTIPLIER	# OF INDIRECT JOBS
MILITARY ACTIVE DUTY	4,404	0.29	1,277
RESERVE/ANG	2,026	0.13	263
DoD CIVILIANS	1,006	0.43	432
OTHER CIVILIANS	1,092	0.43	469
TOTAL:	8,588		2,441

2. AVERAGE ANNUAL PAY FOR THE LOCAL COMMUNITY: **\$41,908**

****ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$ 102,297,428**

TABLE 5**TOTAL ANNUAL ECONOMIC IMPACT ESTIMATE**

1. ANNUAL PAYROLL:

MILITARY	\$ 294,413,341
FEDERAL CIVILIAN	\$ 60,425,205
OTHER CIVILIAN	\$16,724,482
TOTAL PAYROLL:	\$ 371,563,028

2. ANNUAL EXPENDITURES: **\$ 192,729,005**

3. ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED:

AVERAGE ANNUAL PAY	\$41,908
ESTIMATED INDIRECT JOBS CREATED	X 2,441
TOTAL JOB VALUE	\$102,297,428

OVERALL TOTAL: **\$ 666,589,461**

TOTAL IMPACT INCLUDING RETIREE PAYROLL: **\$ 766,754,461**

DISTRIBUTION OF RETIREE PERSONNEL AND ANNUAL PAYROLL

COMMUNITIES WITHIN 50 MILES WHERE AIR FORCE MILITARY RETIREES LIVE

<u>ZIP CODE</u>	<u>CITY</u>	<u># OF RETIREES</u>	<u>ANNUAL PAYROLL</u>
64014/5	BLUE SPRINGS	131	\$2,868,000
64016	BUCKNER	3	\$72,000
64019	CENTERVIEW	36	\$948,000
64020	CONCORDIA	20	\$516,000
64021	CORDER	0	\$0
64029	GRAIN VALLEY	49	\$1,080,000
64034	GREENWOOD	26	\$696,000
64035	HARDIN	4	\$72,000
64036	HENRIETTA	1	\$24,000
64037	HIGGINSVILLE	20	\$504,000
64040	HOLDEN	44	\$1,248,000
64061	KINGSVILLE	13	\$252,000
64067	LEXINGTON	9	\$168,000
64070	LONE JACK	9	\$252,000
64071	MAYVIEW	3	\$36,000
64074	NAPOLEON	1	\$36,000
64075	OAK GROVE	27	\$540,000
64076	ODESSA	16	\$384,000
64080	PLEASANT HILL	33	\$636,000
64081/6	LEES SUMMIT	111	\$3,264,000
64085	RICHMOND	7	\$156,000
64093	WARRENSBURG	755	\$20,892,000
64097	WELLINGTON	2	\$48,000
64701	HARRISONVILLE	41	\$888,000
64733	CHILHOWEE	16	\$468,000
64735	CLINTON	46	\$1,116,000
64761	LEETON	24	\$528,000
65081	TIPTON	7	\$192,000
65084	VERSAILLES	9	\$288,000
65301/2	SEDALIA	208	\$5,160,000
65305	WHITEMAN AFB	34	\$756,000

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DATA SOURCE: OFFICE OF ACTUARY

DISTRIBUTION OF RETIREE PERSONNEL AND ANNUAL PAYROLL

<u>ZIP CODE</u>	<u>CITY</u>	<u># OF RETIREES</u>	<u>ANNUAL PAYROLL</u>
65321	BLACKBURN	2	\$48,000
65323	CALHOUN	8	\$192,000
65325	COLE CAMP	21	\$516,000
65326	EDWARDS	7	\$156,000
65330	GILLIAM	0	\$0
65332	GREEN RIDGE	16	\$396,000
65333	HOUSTONIA	3	\$84,000
65334	HUGHSVILLE	3	\$84,000
65335	IONIA	1	\$24,000
65336	KNOB NOSTER	433	\$10,776,000
65337	LA MONTE	33	\$768,000
65338	LINCOLN	10	\$204,000
65339	MALTA BEND	1	\$24,000
65340	MARSHALL	19	\$420,000
65347	NELSON	0	\$0
65348	OTTERVILLE	4	\$60,000
65349	SLATER	4	\$36,000
65350	SMITHTON	5	\$96,000
65351	SWEET SPRINGS	7	\$168,000
65354	SYRACUSE	1	\$84,000
65355	WARSAW	64	\$1,704,000
65360	WINDSOR	78	\$1,860,000
TOTAL		2,426	\$62,028,000

COMMUNITIES WITHIN 50 MILES WHERE MILITARY RETIREES FROM OTHER SERVICES LIVE

		<u># OF RETIREES</u>	<u>ANNUAL PAYROLL</u>
ALL ZIP CODES	U.S. ARMY	1,126	\$22,668,000
ALL ZIP CODES	U.S. NAVY	455	\$10,344,000
ALL ZIP CODES	U.S. MARINES	203	\$5,124,000
TOTAL		1,784	\$38,136,000
TOTAL FOR ALL SERVICES		4210	\$100,164,000

WHITEMAN AFB FUTURE PLANS

FY 2021 MAJOR PROJECTS INCLUDED:

- CONSOLIDATED VEHICLE MAINTENANCE FACILITY \$27,500,000
- LEMAY GATE RECONFIGURATION \$5,400,000
- REPLACE LIME SLUDGE TANK, WATER TREATMENT PLANT \$900,000
- REPLACE UNDERGROUND DRAIN LINES AT STEAM PLANT \$1,000,000
- REPLACE WATER LINES IN RIDGEVIEW HOUSING \$600,000
- DEMOLISH S-6 \$300,000
- RENOVATE APO SUITE, B153 \$810,000
- REPAIR BUILDING 14 HVAC \$560,000
- CONSTRUCT TOTAL FORCE PARKING LOT \$555,000

FY 2022 FUTURE PROJECTIONS INCLUDE THE FOLLOWING:

- REPAIR CARSWELL AND WESTOVER LIFT STATIONS
- RENOVATE BLDG 200 FOR B-21 PIO, B200
- REPAIR CLARIFIERS AT WWTP
- REPAIR SURGE PROTECTION DEVICES IN MULTIPLE FACILITIES, PHASE 1
- REPAIR DISCOVERY HALL B1561
- REPAIR WINTER STORM DAMAGE IN B153 AND B529
- REPLACE TWO VAULT DOORS, B4055
- REPLACE HANGAR DOORS, B9
- RENOVATE 442 MXS HANGAR B1118
- REPAIR HANGAR APRON TRENCH DRAIN, B1117
- UPGRADE LIGHTING WITH LED, B4055, 4030-4036, & WSA PERIMETER
- CONSTRUCT LO CHEMICAL STORAGE FACILITY
- SURVEY: WATER SYSTEM CROSS CONNECTIONS/BACKFLOW
- REPAIR DRAINAGE AND PERIMETER SECURITY SW AIRFIELD
- STAND ALONE DEMO, B35 BASE OPERATIONS
- AFL: REPAIR AIRFIELD PAVEMENT B-2 HARD STANDS 5 & 6
- REPLACE AND UPGRADE NETWORK AUTOMATION ENGINES
- INSTALL FALL PROTECTION 12 B-2 DOCKS
- REPAIR HVAC AT CDC, B3021
- RENOVATE OG FACILITY B200 FOR 72 TES
- REPAIR TAXIWAY ALPHA SHATTERED SLABS NEAR RWY 19
- PLANNING CHARRETTE FOR B-2 DOCKS 5 & 6
- RENOVATE SFS RESTROOM, B711
- DORM CAMPUS STUDY



WHITEMAN AFB FUTURE PLANS (CONT'D)

FY 2022 FUTURE PROJECTIONS INCLUDE THE FOLLOWING: (CONT'D)

- UPGRADE DOCK ACCESS DOORS DOCKS 1-14
- REPAIR B-2 FLIGHT SIMULATOR FACILITY B153
- REPLACE BASE POOL LINER AND IN-POOL LIGHTING
- REPAIR ROOF AND BUILDING JOINTS, B153
- REPAIR LEAKS AND REPLACE VALVES AT WTP, B2005
- REPLACE SEWER LINES IN HOUSING
- REPAIR BULLET TRAP AT CATM
- REPAIR ROOF, B705

MULTIPLIERS: LMI ECONOMIC IMPACT DATABASE, INSTALLATIONS AND INDIRECT/INDUCED JOB MULTIPLIERS, FEB 00 AVERAGE ANNUAL PAY: BUREAU OF LABOR STATISTICS, U.S. DEPARTMENT OF LABOR, 2006

