



WHITEMAN AIR FORCE BASE



ECONOMIC IMPACT REPORT

FISCAL YEAR
2020



The purpose of this Economic Impact Report is to present Whiteman Air Force Base's impact on the local economy during fiscal year 2020. 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 2020 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) 687-5456 or DSN 975-5456.

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

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EXECUTIVE SUMMARY

BASE EMPLOYMENT

ACTIVE DUTY MILITARY	4,389
RESERVE/AIR & ARMY NATIONAL GUARD	1,754
APPROPRIATED AND OTHER CIVILIAN	2,106
TOTAL BASE EMPLOYMENT	8,249

BASE PAYROLL

ACTIVE DUTY MILITARY	\$	233,133,797
RESERVE/AIR & ARMY NATIONAL GUARD	\$	50,879,210
APPROPRIATED FUND CIVILIAN	\$	80,765,377
OTHER CIVILIANS	\$	16,265,133
TOTAL PAYROLL	\$	381,043,517

ANNUAL RETIREE PAYROLL \$ 98,334,000

TOTAL ANNUAL BASE EXPENDITURES \$ 130,814,190

ESTIMATED ANNUAL VALUE OF JOBS CREATED \$ 117,655,324

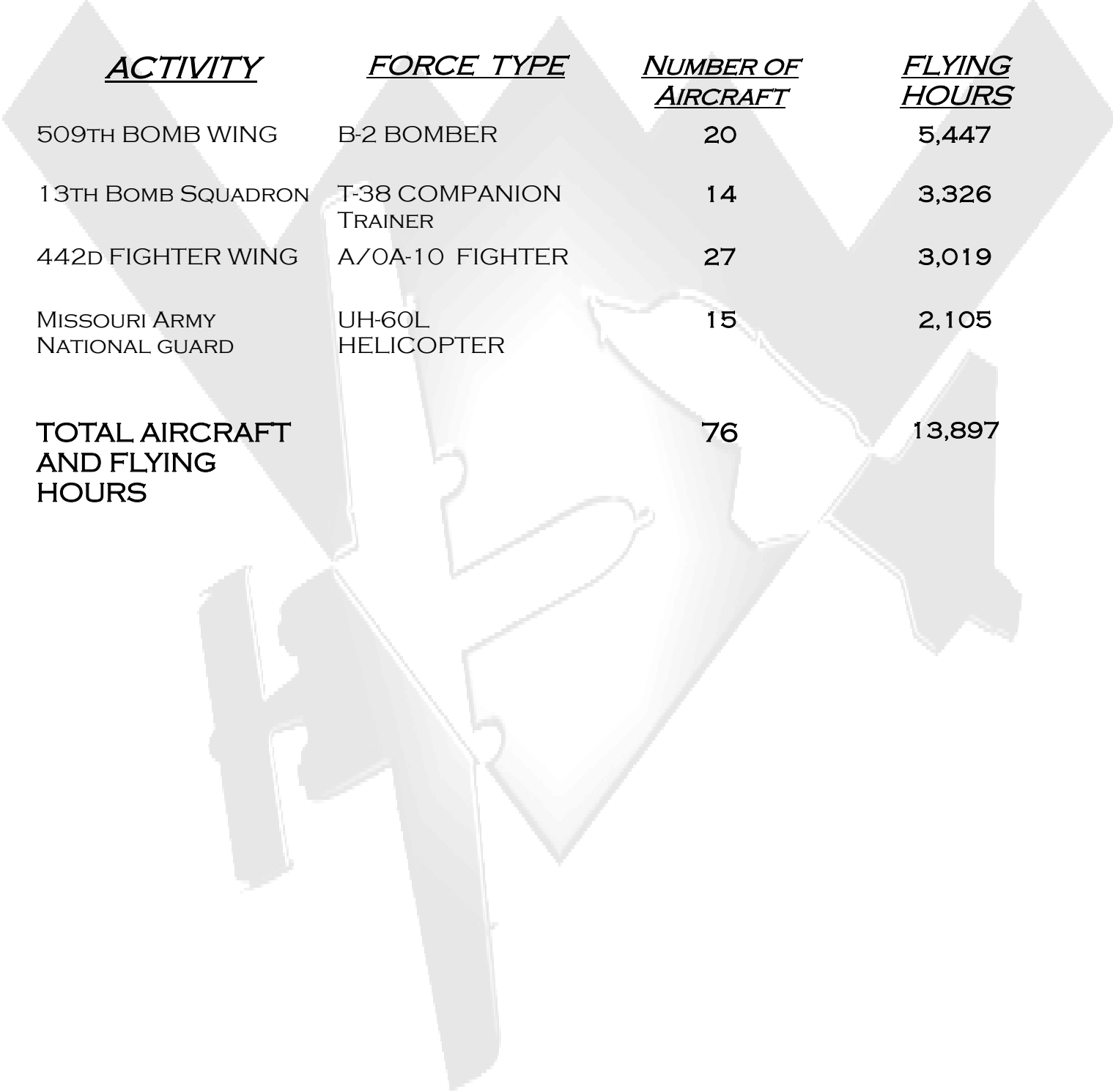
**ESTIMATED TOTAL IMPACT WITHIN ECONOMIC
IMPACT REGION** \$ 727,847,031

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	5,447
13TH BOMB SQUADRON	T-38 COMPANION TRAINER	14	3,326
442D FIGHTER WING	A/OA-10 FIGHTER	27	3,019
MISSOURI ARMY NATIONAL GUARD	UH-60L HELICOPTER	15	2,105
TOTAL AIRCRAFT AND FLYING HOURS		76	13,897

SOURCE: 509 OG, 442D FW, MOANG

PROGRAM DATA BY ORGANIZATION

509TH CONTRACTING SQUADRON

DOLLARS AWARDED

SMALL BUSINESS	\$ 31,643,188
LARGE BUSINESS	\$ 5,515,011
SMALL DISADVANTAGED	\$ 15,252,860
NON-PROFIT BUSINESS	\$ 882,656
OTHER	\$ 106,276
FY 20 TOTAL	\$ 53,399,991

OF THE ABOVE AWARDS:

\$8,101,633 WAS AWARDED TO WOMEN-OWNED BUSINESSES

LOCAL AREA (INCLUDING KANSAS CITY)	\$ 10,826,975
OTHER MISSOURI	\$ 2,406,910
OUTSIDE MISSOURI	\$ 24,913,245
FY 20 TOTAL	\$ 38,147,131

509TH FORCE SUPPORT SQUADRON

TDY EXPENDITURES IN ECONOMIC IMPACT REGION (OFF BASE)	NIGHTS BILLETED (OFF-BASE)	DOLLARS EXPENDED
OFFICER *	2,048	\$ 196,608
CIVILIAN*	1,225	\$ 117,600
ENLISTED*	13,600	\$1,305,600
TOTAL	16,873	\$ 1,619,808

* AVERAGE COST \$96.00 PER NIGHT

131 BW CONTRACT QUARTERS TOTAL ** 1,479 \$ 126,527.91
(** AVERAGE COST \$85.50 PER NIGHT)

SOURCE: 509 CONS, FSS (509 SVS), 442D FW, 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	58	0	58
UNDERGRADUATE	2	2,482	8	2,492
GRADUATE	152	218	10	380
STUDENT TOTAL	155	2,758	18	2,931

FY 20 FEDERAL EDUCATION IMPACT AID	\$ 4,108.969
FY 20 ACTIVE DUTY TUITION ASSISTANCE	\$ 2,062,555
TOTAL	\$ 6,171,524

COMMUNITY SERVICE

BLOOD DONORS (PINTS DONATED)	113
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WHITEMAN AFB VOLUNTEERS THAT DONATED BLOOD	143
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CONTRIBUTIONS

AIR FORCE AID CONTRIBUTIONS

LOANS	\$ 18,566
GRANTS	\$ 9,051
EDUCATION (SPOUSES/CHILDREN OF ACTIVE DUTY PERSONNEL)	\$ 10,560

TOTAL	\$ 38,177
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PROGRAM DATA BY ORGANIZATION

509TH CIVIL ENGINEER SQUADRON

REAL PROPERTY MAINTENANCE

ROADWAYS	635,634	SQ YDS
DRIVEWAYS	223,553	SQ YDS
SIDEWALKS	95,274	SQ YDS
PRIMARY DISTRIBUTION LINES OVERHEAD	1,990	LINEAR FT
SECONDARY DISTRIBUTION LINES OVERHEAD	45,487	LINEAR FT
PRIMARY DISTRIBUTION LINES UNDERGROUND	2,943,898	LINEAR FT
SECONDARY DISTRIBUTION LINES UNDERGROUND	199,341	LINEAR FT
STEAM HEAT MAINS UNDERGROUND	358,044	LINEAR FT
STEAM HEAT MAINS OVERHEAD	40,596	LINEAR FT
WATER DISTRIBUTION MAINS	347,763	LINEAR FT
WATER SUPPLY MAINS NON-POTABLE	68,472	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	0	LINEAR FT

UTILITIES CONSUMED

COMMERCIAL POWER	79,190,475	KWH
WATER	189,422,000	GAL
NATURAL GAS	414,045	MBTU

509TH LOGISTICS READINESS SQUADRON

NUMBER OF DO-IT-YOURSELF MOVES	634
OUT-BOUND HOUSEHOLD GOODS (NUMBER OF SHIPMENTS)	1,520
SURFACE FREIGHT IN/OUT (NUMBER OF SHIPMENTS)	18,265

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

NUMBER

SQ FT

INDUSTRIAL	229	2,335,203
ADMINISTRATION	70	1,101,579
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 AND SQ FT

341

3,941,937

MILITARY FAMILY HOUSING

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



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	647
LEASED	51
VEHICLE TOTAL	698

FLEET ASSET VALUE	\$ 78,932,063.21
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VALUE OF CAPITAL ASSETS**REAL PROPERTY**

BUILDINGS	\$ 552,328,897
LAND	\$ 6,069,815
OTHER REAL PROPERTY	\$ 239,279,200

FY 20 TOTAL VALUE	\$ 797,677,912
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EQUIPMENT

APPROPRIATED FUND	\$ 349,558,900
NONAPPROPRIATED FUND (NAF)	\$ 10,723,312

FY 20 EQUIPMENT TOTAL VALUE	\$ 360,282,212
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INVENTORIES

STOCK FUNDS	\$ 647,498,803
SALES OUTLETS	
BASE EXCHANGE	\$ 2,455,408
COMMISSARY	\$ 11,909,400
NAF ACTIVITIES	\$ 56,496

FY 20 INVENTORY TOTAL VALUE	\$ 661,920,107
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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	465	3,924	4,389
RESERVE/AIR NATIONAL GUARD/ARMY NATIONAL GUARD	0	299	299
NON-EXTENDED ACTIVE DUTY RESERVE/ANG	1	1,454	1,455
TOTAL:	466	5,677	6,143

2. MILITARY DEPENDENTS/FAMILY MEMBERS	1,638	3,016	4,654
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3. APPROPRIATED FUND CIVILIAN	GENERAL SCHEDULE	FEDERAL WAGE BOARD	TOTAL
MISSOURI ARMY NATIONAL GUARD	3	0	3
509 BOMB WING	300	95	395
CORPS OF ENGINEERS	9	0	9
131ST BOMB WING	104	175	279
442D FIGHTER WING	110	174	284
TOTAL	526	444	970

4. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

CIVILIAN NAF	159
COMMISSARY	39
CIVILIAN BASE EXCHANGE	75
CONTRACT CIVILIANS	685
PRIVATE BUSINESS ON BASE	
WHITEMAN ELEMENTARY SCHOOL	50
NORTHROP	128

TOTAL: 1,136

TOTAL CIVILIANS: 2,106

TOTAL PERSONNEL: 12,903

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	\$ 233,133,797
ANG/RESERVE	\$ 10,444,188
NON-EXTENDED ACTIVE DUTY RESERVE	<u>\$ 40,435,022</u>
TOTAL:	\$ 284,013,007

2. APPROPRIATED FUND CIVILIAN

	GENERAL SCHEDULE	FEDERAL WAGE BOARD	TOTAL
MO ARMY NATIONAL GUARD	\$ 107,202	\$ 0	\$ 107,202
COMMISSARY	\$ 2,109,354	\$ 1,374	\$ 2,110,728
509 BOMB WING	\$ 19,179,697	\$ 7,135,152	\$ 26,314,849
CORPS OF ENGINEERS	\$ 779,301	\$ 0	\$ 779,301
131ST BOMB WING	\$ 9,723,562	\$ 14,235,662	\$ 23,959,224
442D FIGHTER WING	<u>\$ 10,728,345</u>	<u>\$ 16,765,728</u>	<u>\$ 27,494,073</u>
TOTAL	\$ 42,627,461	\$ 38,137,916	\$ 80,765,377

3. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

CIVILIAN NAF	\$ 4,020,879
CIVILIAN BASE EXCHANGE	\$ 1,869,000
PRIVATE BUSINESS ON BASE	<u>\$ 10,375,254</u>
TOTAL \$	\$ 16,265,133

TOTAL ANNUAL PAYROLL \$ 381,043,517

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	\$ 0.00
NONAPPROPRIATED FUND	\$ 0.00
MILITARY FAMILY HOUSING	\$ 0.00
O&M	\$ 34,704,000
OTHER	\$ 21,747,000
TOTAL	\$ 56,451,000
2. SERVICES	
UTILITIES	\$ 5,615,065
SERVICES CONTRACTS *	\$ 12,644,193
OTHER SERVICES (NOT ELSEWHERE INCLUDED)	\$ 585,512
TOTAL	\$ 18,844,770
3. MATERIALS, EQUIPMENT AND SUPPLIES PROCUREMENT	
COMMISSARY	\$ 88,698
BASE EXCHANGE (BX)	\$ 2,600,000
HEALTH (SUPPLEMENTAL AND COOPERATIVE CARE)	\$ 35,788,000
EDUCATION (IMPACT AID AND TUITION ASSISTANCE)	\$ 6,182,084
OTHER MATERIALS & SUPPLIES (NOT ELSEWHERE INCLUDED)	\$ 10,859,638
TOTAL	\$ 55,518,420
TOTAL ANNUAL EXPENDITURES:	\$ 130,814,190

*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	4,389	0.29	1,273
RESERVE/ANG	1,754	0.13	228
DoD CIVILIANS	970	0.43	417
OTHER CIVILIANS	<u>1,136</u>	<u>0.43</u>	<u>488</u>
TOTAL:	8,249		2,406

2. AVERAGE ANNUAL PAY FOR THE LOCAL COMMUNITY: \$48,900.80

****ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$117,655,324**

TABLE 5**TOTAL ANNUAL ECONOMIC IMPACT ESTIMATE**

1. ANNUAL PAYROLL:

MILITARY	\$ 284,013,007
FEDERAL CIVILIAN	\$ 80,765,377
OTHER CIVILIAN	\$ 16,265,133
TOTAL PAYROLL:	<u>\$ 381,043,517</u>

2. ANNUAL EXPENDITURES: \$130,814,190

3. ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED:

AVERAGE ANNUAL PAY	\$48,900.80
ESTIMATED INDIRECT JOBS CREATED	<u>X 2,406</u>
TOTAL JOB VALUE	\$117,655,324

OVERALL TOTAL: \$ 629,513,031

TOTAL IMPACT INCLUDING RETIREE PAYROLL: **\$727,847,031**

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	133	2,964,000
64016	BUCKNER	4	108,000
64019	CENTERVIEW	34	840,000
64020	CONCORDIA	20	492,000
64021	CORDER	0	0
64029	GRAIN VALLEY	45	1,020,000
64034	GREENWOOD	23	648,000
64035	HARDIN	4	72,000
64036	HENRIETTA	1	24,000
64037	HIGGINSVILLE	20	468,000
64040	HOLDEN	44	1,296,000
64061	KINGSVILLE	13	252,000
64067	LEXINGTON	10	240,000
64070	LONE JACK	7	204,000
64071	MAYVIEW	3	36,000
64074	NAPOLEON	1	36,000
64075	OAK GROVE	29	564,000
64076	ODESSA	18	420,000
64080	PLEASANT HILL	35	708,000
64081/6	LEES SUMMIT	108	3,168,000
64085	RICHMOND	7	156,000
64093	WARRENSBURG	760	21,024,000
64097	WELLINGTON	2	48,000
64701	HARRISONVILLE	37	756,000
64733	CHILHOWEE	17	468,000
64735	CLINTON	42	1,032,000
64761	LEETON	27	576,000
65081	TIPTON	7	192,000
65084	VERSAILLES	8	240,000
65301/2	SEDALIA	213	5,244,000
65305	WHITEMAN AFB	36	828,000

CONT. ON NEXT PAGE

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	7	156,000
65325	COLE CAMP	21	516,000
65326	EDWARDS	6	132,000
65330	GILLIAM	1	0
65332	GREEN RIDGE	16	396,000
65333	HOUSTONIA	2	60,000
65334	HUGHSVILLE	3	84,000
65335	IONIA	0	0
65336	KNOB NOSTER	446	10,956,000
65337	LA MONTE	31	672,000
65338	LINCOLN	10	204,000
65339	MALTA BEND	1	24,000
65340	MARSHALL	19	420,000
65347	NELSON	0	0
65348	OTTERVILLE	6	96,000
65349	SLATER	4	36,000
65350	SMITHTON	4	72,000
65351	SWEET SPRINGS	7	168,000
65354	SYRACUSE	2	108,000
65355	WARSAW	58	1,524,000
65360	WINDSOR	82	1,908,000
TOTAL		2,436	\$61,704,000

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	1,105	21,516,000
ALL ZIP CODES	U.S. NAVY	467	10,596,000
ALL ZIP CODES	U.S. MARINES	199	5,148,000
ALL ZIP CODES	U.S. COAST GUARD	27	(PAID BY DHS)
TOTAL		1,798	\$37,260,000
TOTAL FOR ALL SERVICES		4,234	\$98,334,000

WHITEMAN AFB FUTURE PLANS

FY 2020 MAJOR PROJECTS INCLUDED:

- 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
- RENOVATE IN FLIGHT KITCHEN \$238,000

FY 2021 FUTURE PROJECTIONS INCLUDE THE FOLLOWING:

- REPLACE GATE AT ECP 2
- CONSTRUCT LRS MOBILITY PROCESSING PAD (WT 8062125)
- RELOCATE B47 STATIC DISPLAY
- CCR FOR REPAIR WATER TREATMENT PLANT
- REPLACE SEWER LINE AT B115
- DEMOLISH BATCH PLANT STRUCTURES
- IDIQ-PV: EXPAND EO PARKING LOT, B116
- COB MILCON: STAND ALONE DEMO, S6
- REPLACE LIME SLUDGE TANK, WTP
- REPAIR HVAC, B14
- UPGRADE SAPF ROOMS 221 & 223, B14
- DESIGN: EVALUATE PLUMBING DEFICIENCIES AT FIRE STATION B34
- REPAIR BUILDING JOINTS AND LEAKS, B153 (PARENT PROJECT 1073678)
- REPLACE AHUS AND STEAM HUMIDIFICATION EQUIPMENT IN DOCKS 1-14
- DESIGN: WSA WATERLINE STUDY
- REPAIR FACILITY LEAKS, MULTIPLE LOCATIONS
- DESIGN: BASE SPECIFICATION
- WEDGE: PAVING
- WEDGE: PIPE WRAPPING
- AFL: REPAIR AIRFIELD OBSTRUCTIONS - CULVERT DRAINAGE & INLETS
- REPAIR LEAKS AND REPLACE VALVES AT WTP, B2005
- LOOP WSA WATER LINES EAST (PARENT PROJECT 1055887)
- 8A: RENOVATE YOUTH CENTER KITCHEN IN B3019
- DESIGN: DORM HVAC STUDY

