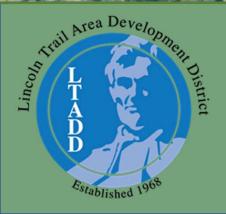
FORT KNOX

COMPATIBLE USE PLAN Regional – Collaborative Planning 18 May 2023



American Planning Association Kentucky Chapter Spring 2023 Conference





Image courtesy of Fort Knox Public Affairs Office.



Image courtesy of Fort Knox Public Affairs Office.



Image courtesy of Fort Knox Public Affairs Office.





FORT KNOX



WHAT IS IT?

Gold Vault

<u>mission</u>



missionknox.org



Movie Studio

mission



missionknox.org



Movie Studio

mission KNOX. CUP missionknox.org





Image Credit - Columbia Pictures, "Stripes", 1981





Human Resources Command





Image courtesy of Fort Knox Public Affairs Office.

FT KNOX BACKGROUND -RANGES



Fort Knox is home to possibly the PREMIER training range complex in the Department of Defense









FT KNOX BACKGROUND - TRAINING







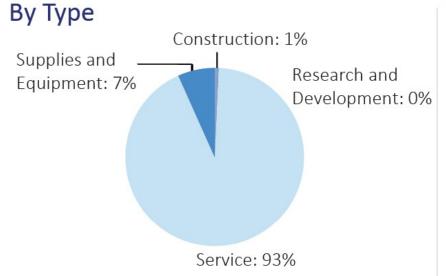
#16 \$12.6 B SPENT IN STATE

5.8% OF STATE GDP

2.1% OF TOTAL U.S. DEFENSE SPENDING \$2,804 PER RESIDENT

#13 \$9.5 B CONTRACT SPENDING #17 56,441 NUMBER OF PERSONNEL #14 \$3.0 B PERSONNEL SPENDING

🖺 DEFENSE CONTRACTS - KENTUCKY





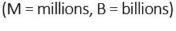
Army



Air Force 1%

Other Defense





Humana	\$6.9 B
Lockheed Martin	\$837.5 M
Bechtel Parsons Blue Grass, JV	\$262.1 M
Raytheon	\$172.0 M
United Parcel Service Co.	\$79.1 M
Global Asset Technologies	\$64.2 M
Patriot Industries Inc.	\$59.0 M
SourceAmerica	\$41.7 M
Perspecta	\$33.6 M
Boneal Inc.	\$30.8 M

Contract Awards Performed

(By Fiscal Year, billions)



Source: FY2020 Defense Spending KY, "Department of Defense, Office of Local Defense and Community Cooperation"

An analysis of U.S. Department of Defense personnel and contract spending across the 50 states and Washington, DC in FY 2020

85%



TOP DEFENSE CONTRACT SPENDING LOCATIONS

(M = millions, B = billions)

Jefferson \$7.3 B

Fayette **\$942.4 M**

Hardin **\$423.5 M**

Madison \$292.9 M

Christian \$206.8 M

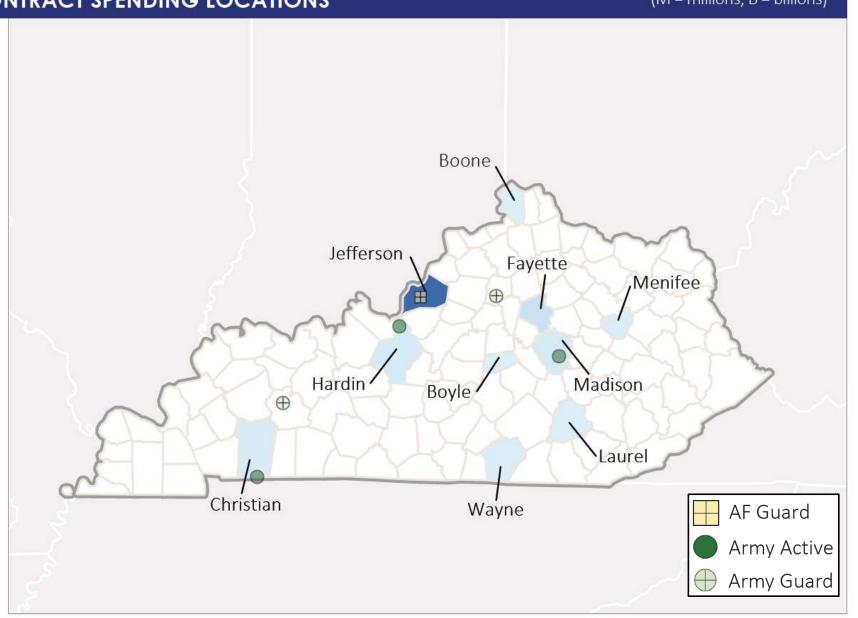
Wayne **\$67.5 M**

Menifee \$64.7 M

Boone **\$33.1 M**

Laurel **\$27.2 M**

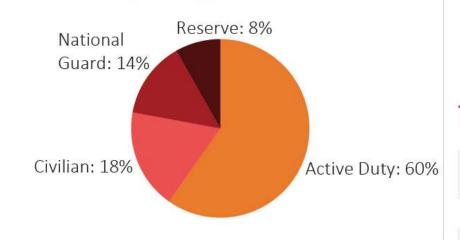
Boyle **\$16.7 M**





DEFENSE PERSONNEL - KENTUCKY

Allocations, By Type



Allocations, By Service

Army 94%

Navy/Marines

1%

Air Force

3%

Other Defense

\$3.0 BILLION TOTAL PAYROLL

56,441 TOTAL PERSONNEL

Top Defense Personnel Locations

County	Active Duty	Civilian	National Guard	Reserve	Total
Christian	27,888	2,533	39	183	30,643
Hardin	5,563	4,420	77	2,461	12,521
Jefferson	136	1,232	1,890	666	3,924
Madison	ND	1,060	602	32	ND
Franklin	20	308	1,145	0	1,473
Fayette	70	114	285	540	1,009
Boone	29	22	623	ND	ND
Muhlenberg	0	81	364	0	445
Campbell	ND	37	0	376	ND
McCracken	ND	14	100	172	ND

Source: FY2020 Defense Spending KY, "Department of Defense, Office of Local Defense and Community Cooperation" An analysis of U.S. Department of Defense personnel and contract spending across the 50 states and Washington, DC in FY 2020



TOP DEFENSE PERSONNEL SPENDING LOCATIONS

(M = millions, B = billions)

Christian \$1.8 B

Hardin \$780.1 M

Jefferson \$176.4 M

Madison \$83.0 M

Franklin \$66.2 M

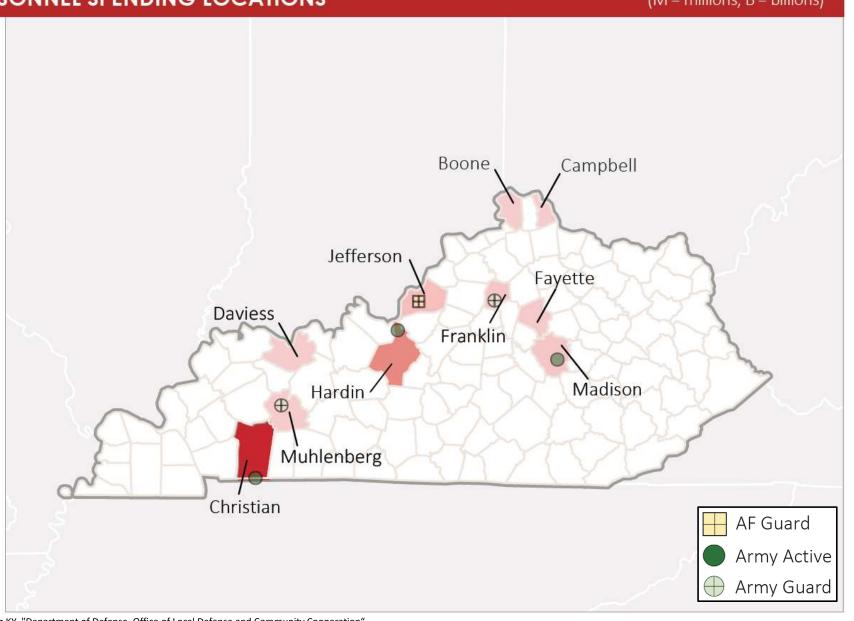
Fayette \$29.9 M

Boone **\$16.3 M**

Muhlenberg \$11.5 M

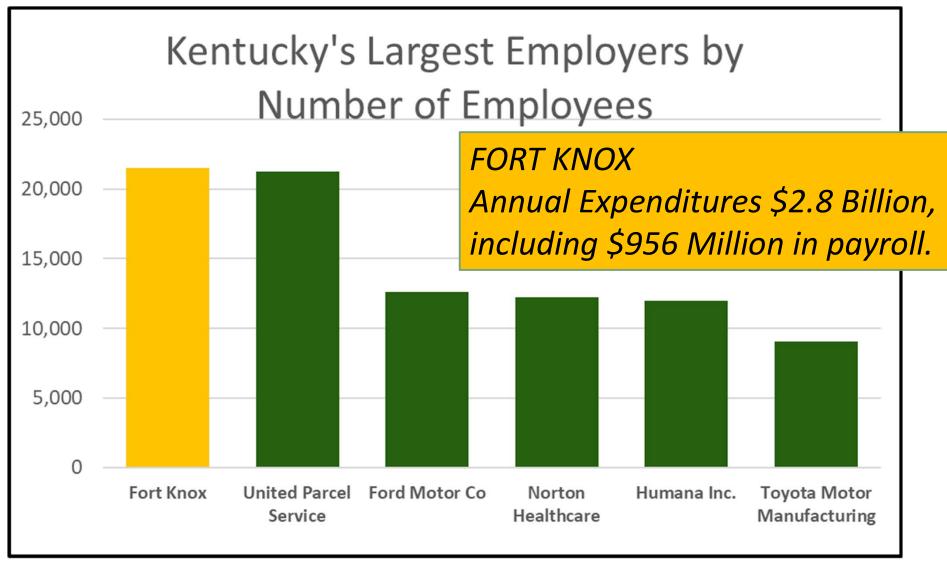
Daviess \$7.4 M

Campbell \$6.6 M



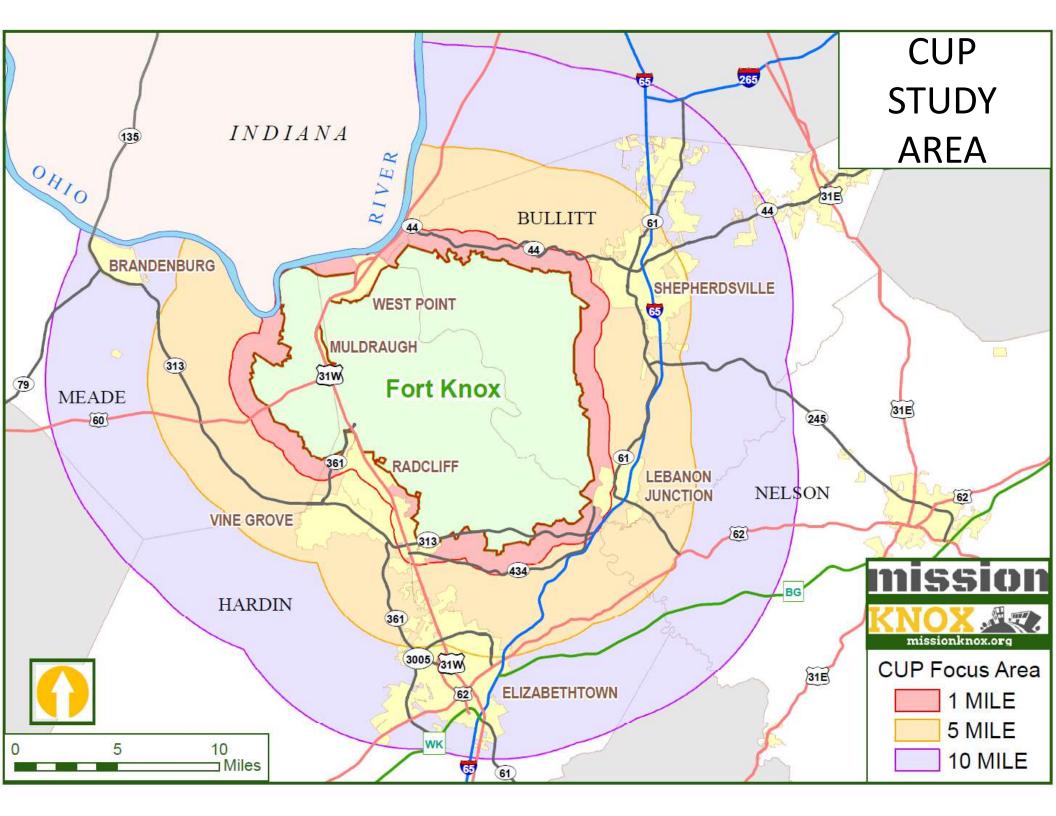
ECONOMICS – Employment





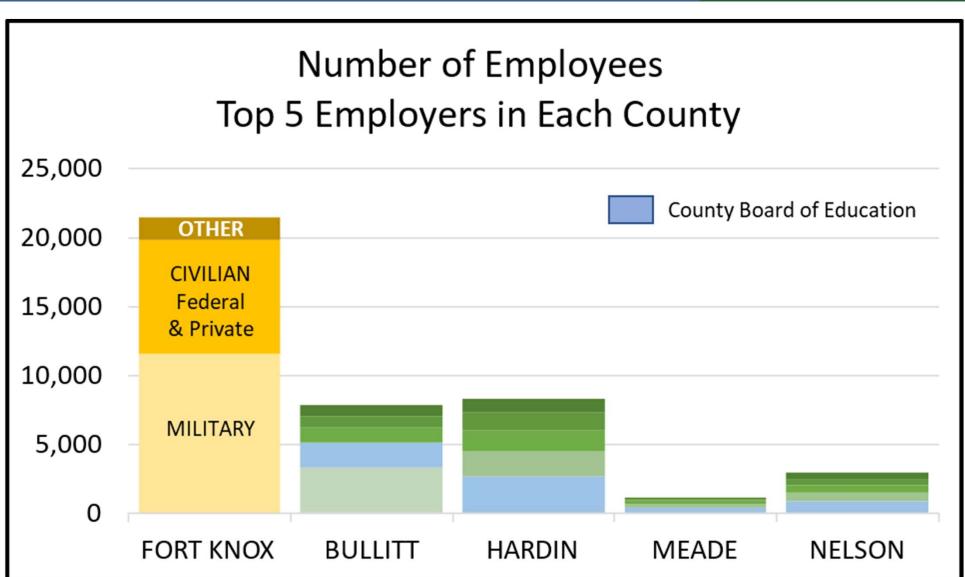
Excludes Education and Retail

Sources: KY Cabinet for Economic Development, Dun & Bradstreet, Greater Louisville Economic Development



ECONOMICS

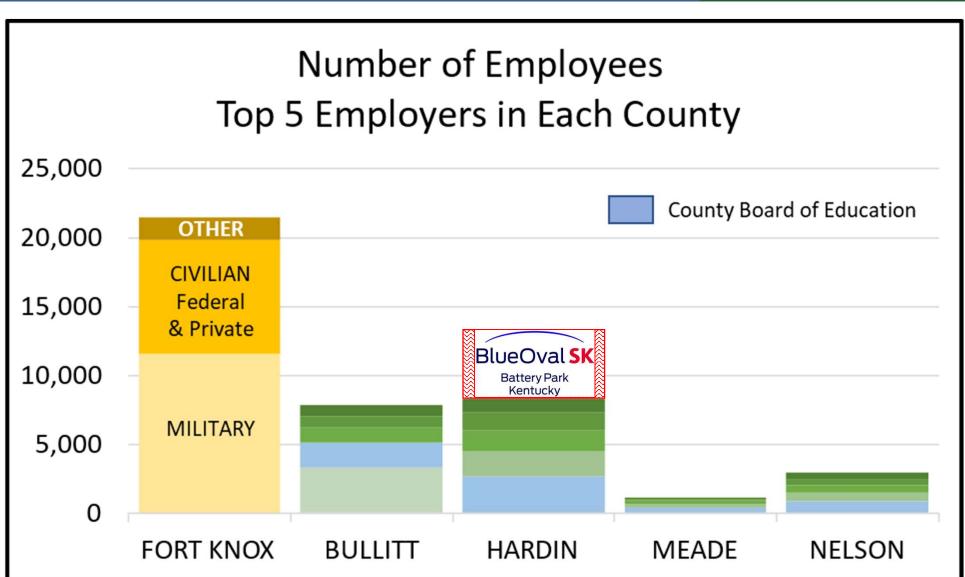




Sources: KY Cabinet for Economic Development, Dun & Bradstreet, Bullitt County Board of Education

ECONOMICS





Sources: KY Cabinet for Economic Development, Dun & Bradstreet, Bullitt County Board of Education

ECONOMICS



FORT KNOX ECONOMIC ENGINE

PAYROLL/INVESTMENT

Expenditures - \$2.8 Billion annually 9,000 + Civilian Employees

- DAGIR (Digital Air-Ground Integration Range)
 \$53 Million investment
- Population, KY's 17th largest City Daytime population 26,000+

CHOICES



Work with Ft Knox to maintain its viability & mission.

OR

Ignore the biggest economic engine in the region.

CHOICES



So, Why would this be a problem?

Fort Knox's Primary Product



Sounds of Freedom!

Video Available at missionknox.org

Video Courtesy of DoD, Fort Knox Garrison Command, Public Affairs Office

Previous Efforts



Joint Land Use Study (JLUS) 1994 & 2008

Base Realignment & Closure (BRAC)

Army Compatible Use Buffer (ACUB) 2007-09

What is CUP?



CUP is a study that will result in an <u>implementation plan</u> to promote compatible civilian development surrounding Ft. Knox.

What is CUP?



CUP represents a planning process that **promotes open, continuous dialogue** among the Military, surrounding jurisdictions, and states to support long-term sustainability and operability of military missions

What is CUP?



CUP IS:

- a study that recommends appropriate actions for consideration.
- a collaborative effort with input from all parties.
- a compilation of data to assist in better decision making unique to the needs of the communities surrounding Fort Knox.

CUP IS NOT:

- a regulatory document.
- an enforceable action.

Why CUP?



NOISE HEALTH & SAFETY ENCROACHMENT LIGHT POLLUTION NATURAL / ENVIRONMENTAL HOUSING **TRAFFIC VERTICAL OBSTRUCTIONS** FREQUENCY SPECTRUM ANTI-TERRORISM/FORCE PROTECTION

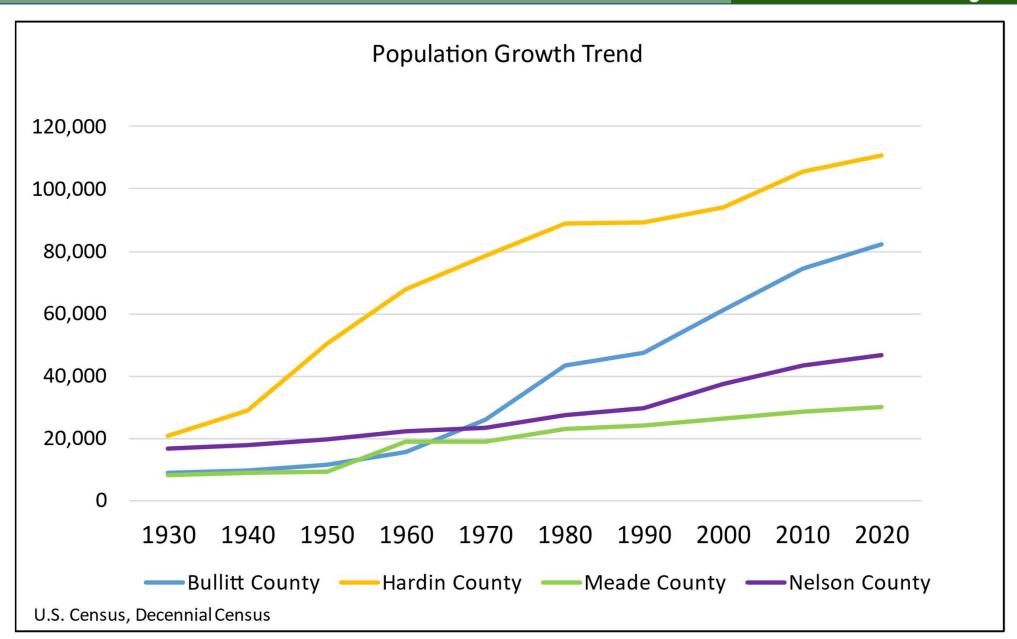




WHY NOW?

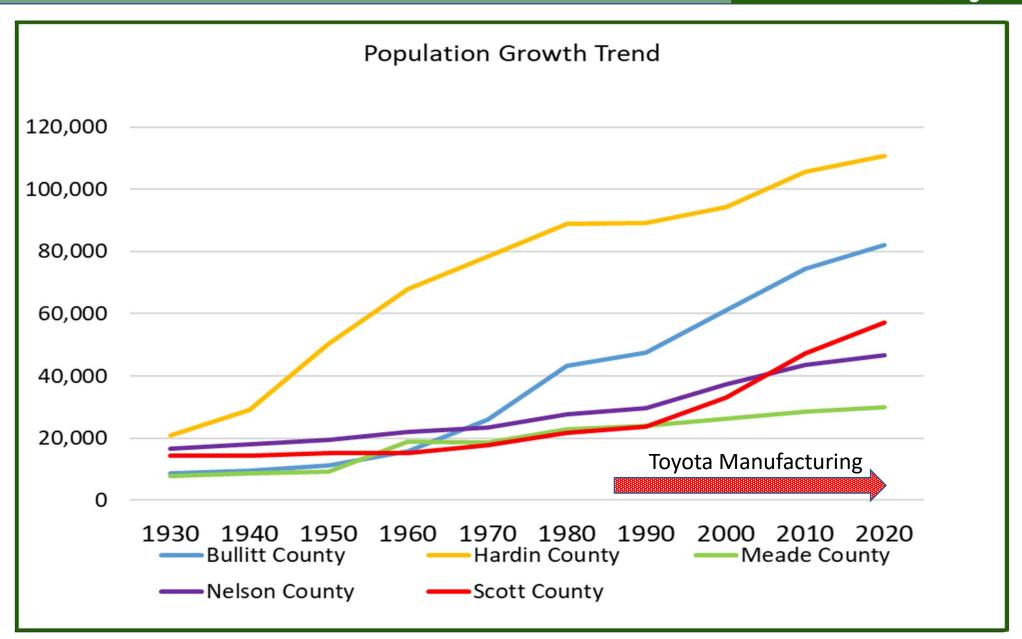
POPULATION – Four County CUP Study





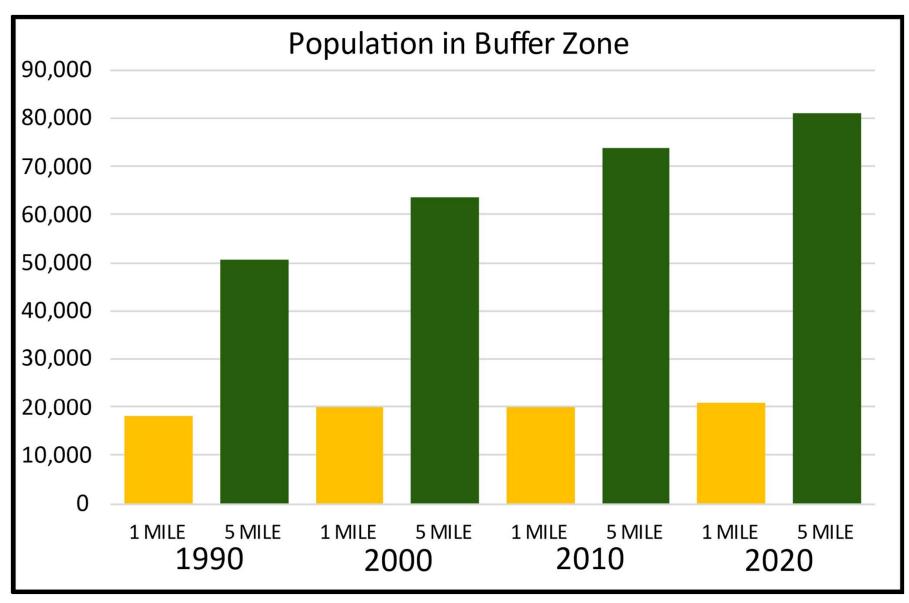
POPULATION – Four County CUP Study



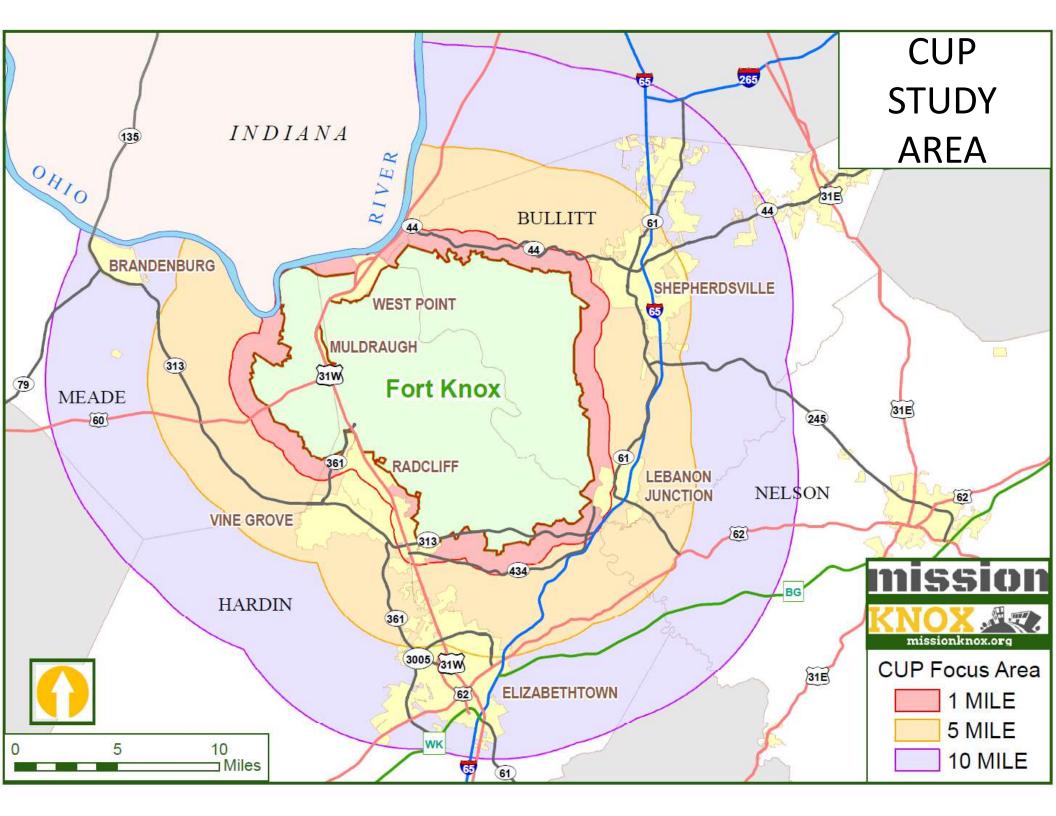


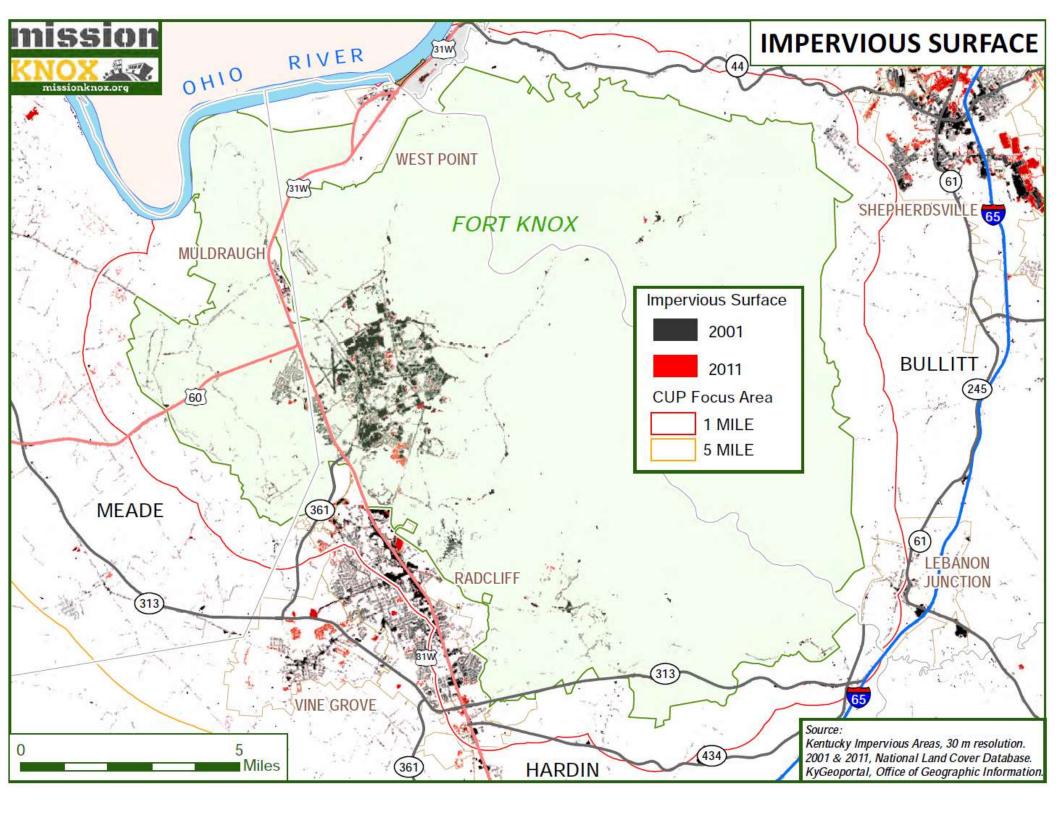
POPULATION – Proximity to Fort Knox

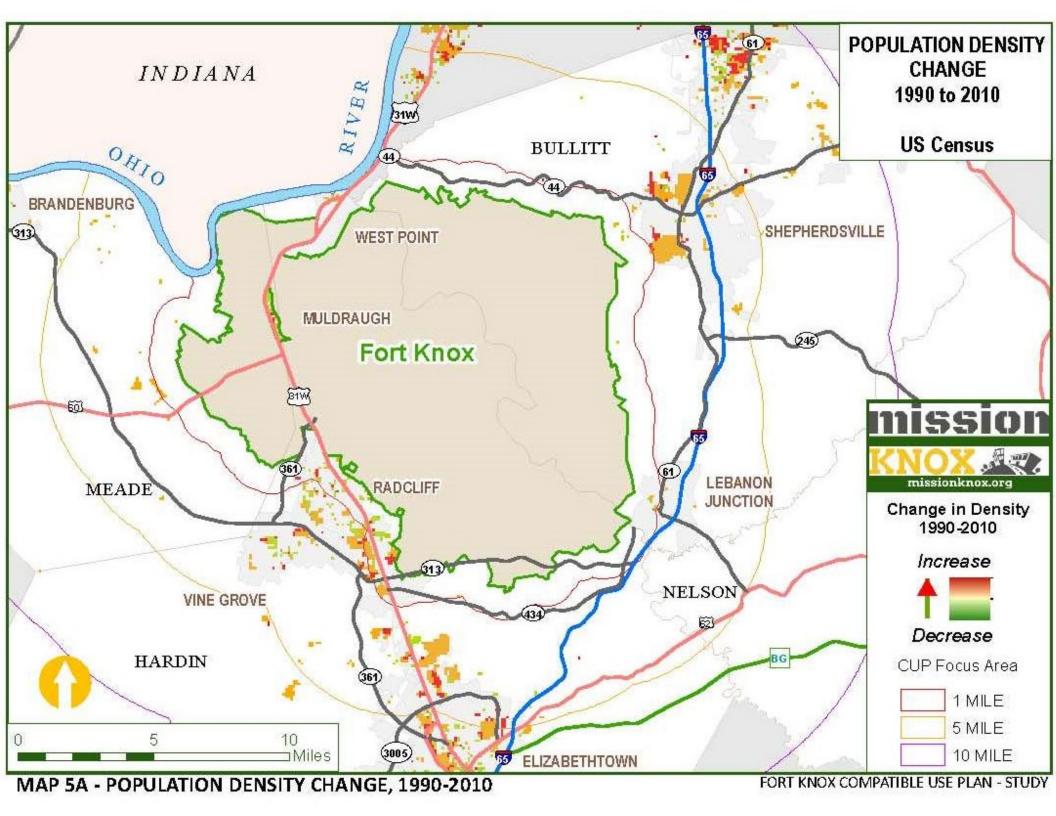


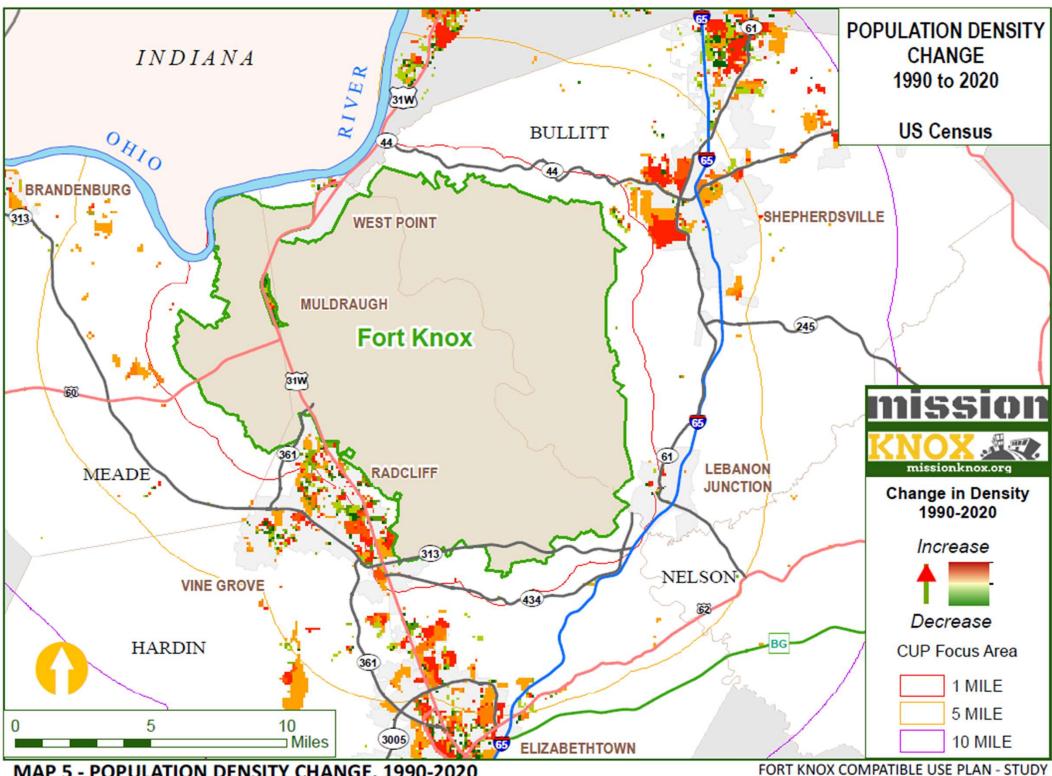


Source: U.S. Census, Decennial Census. Selection method block polygon centroid withing buffer zone.



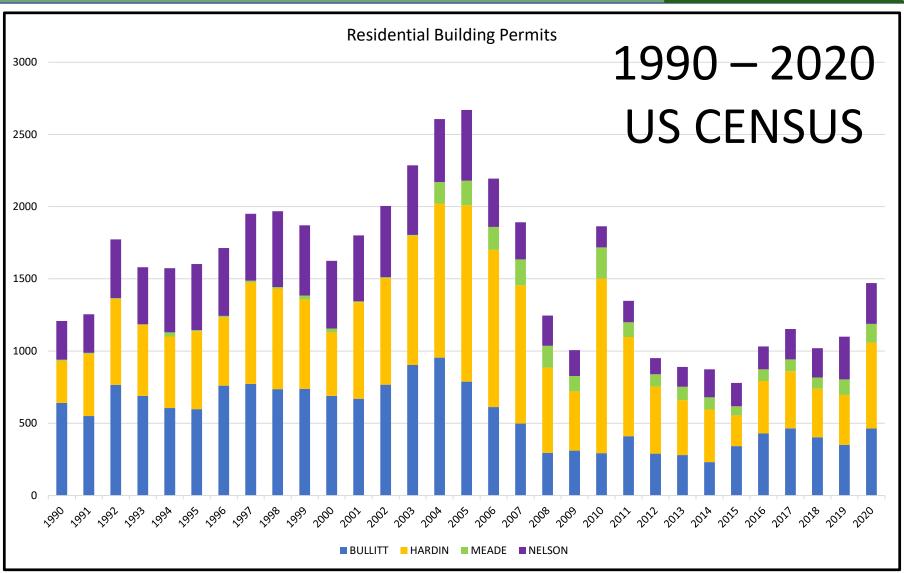




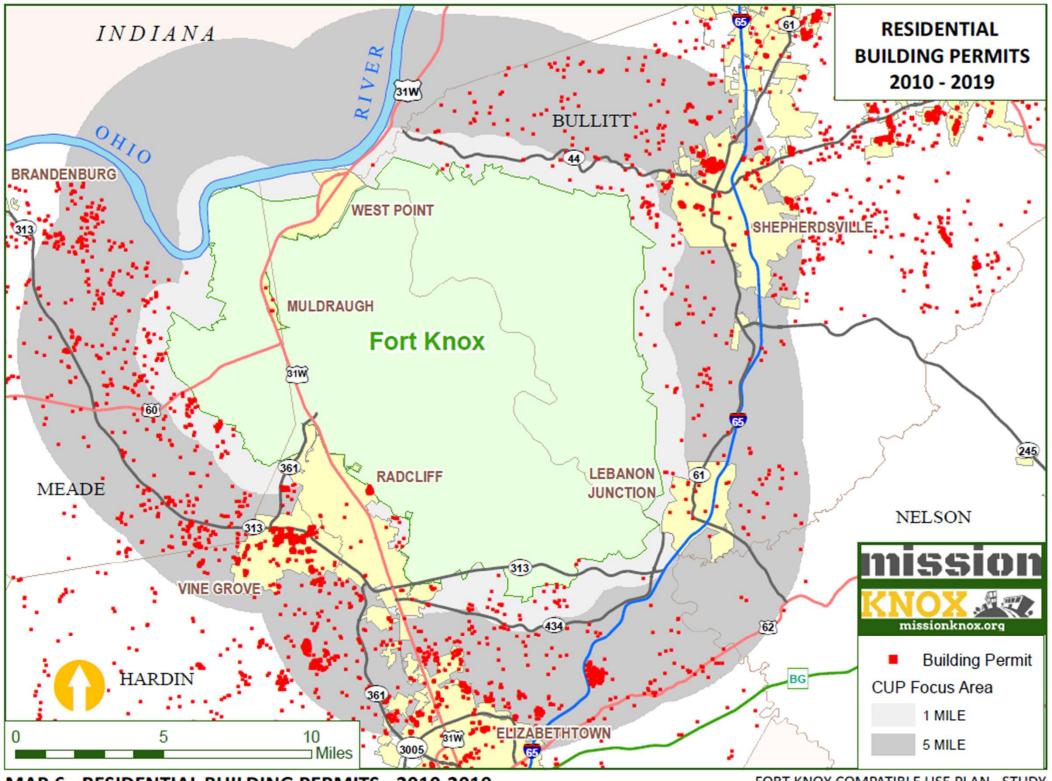


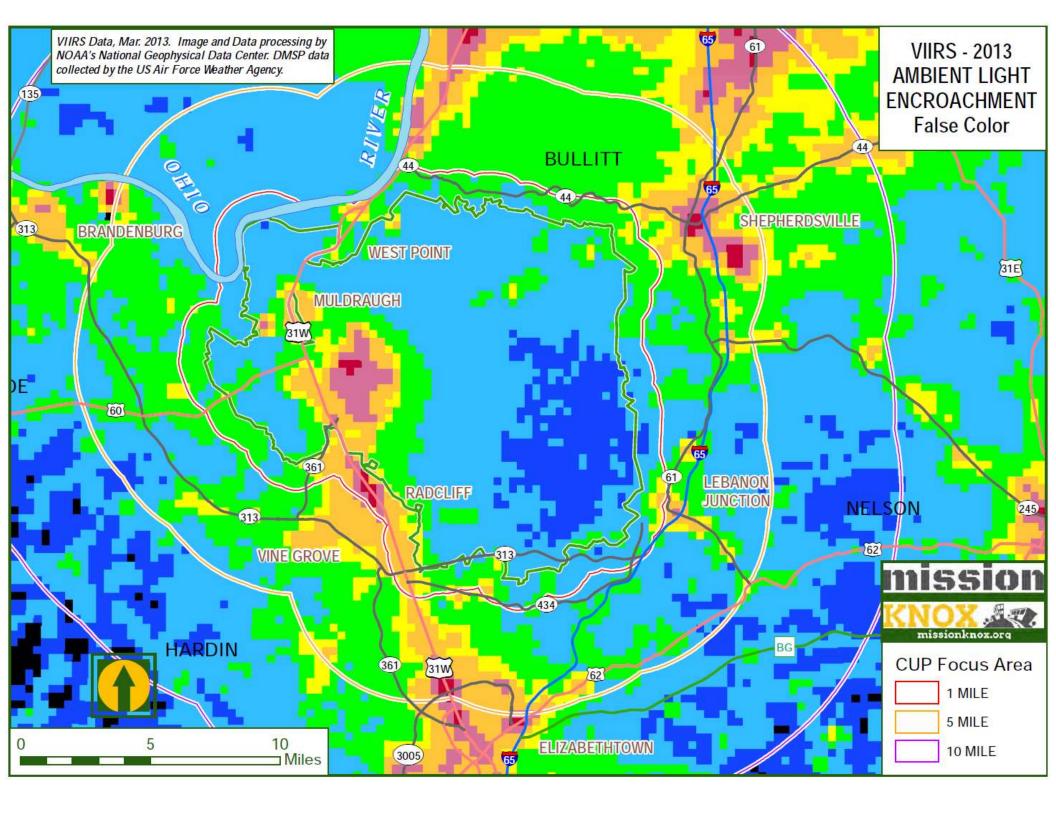
RESIDENTIAL HOUSING

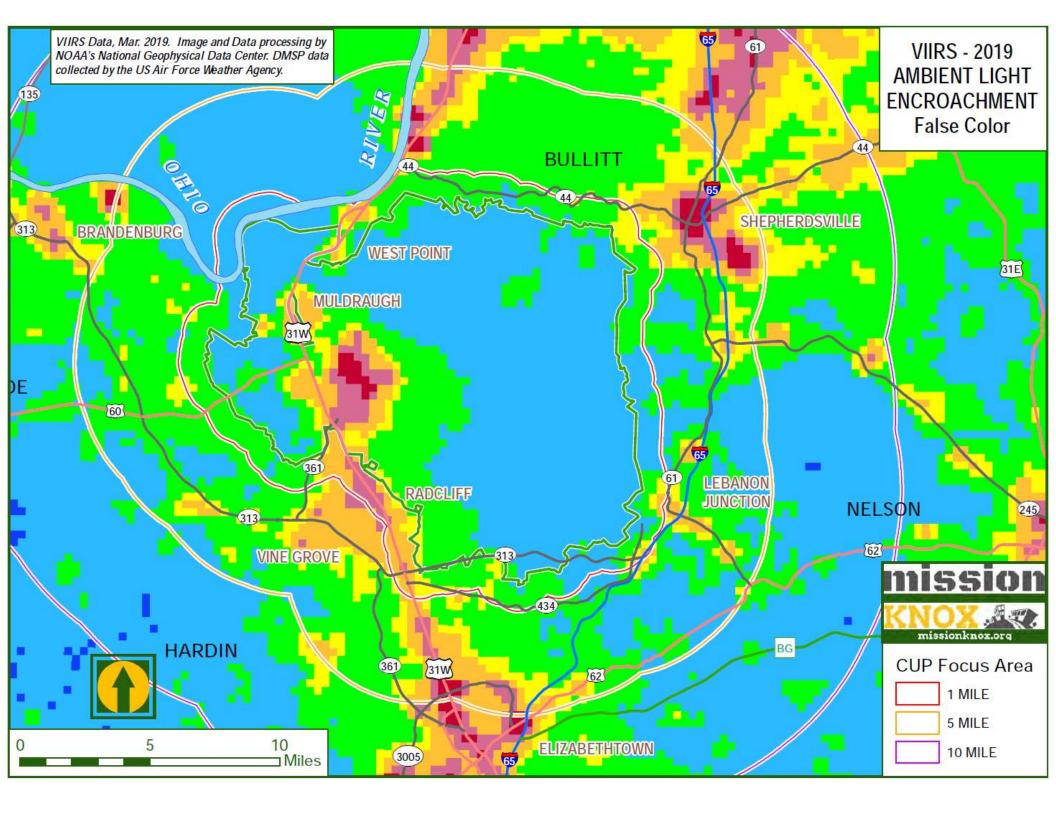


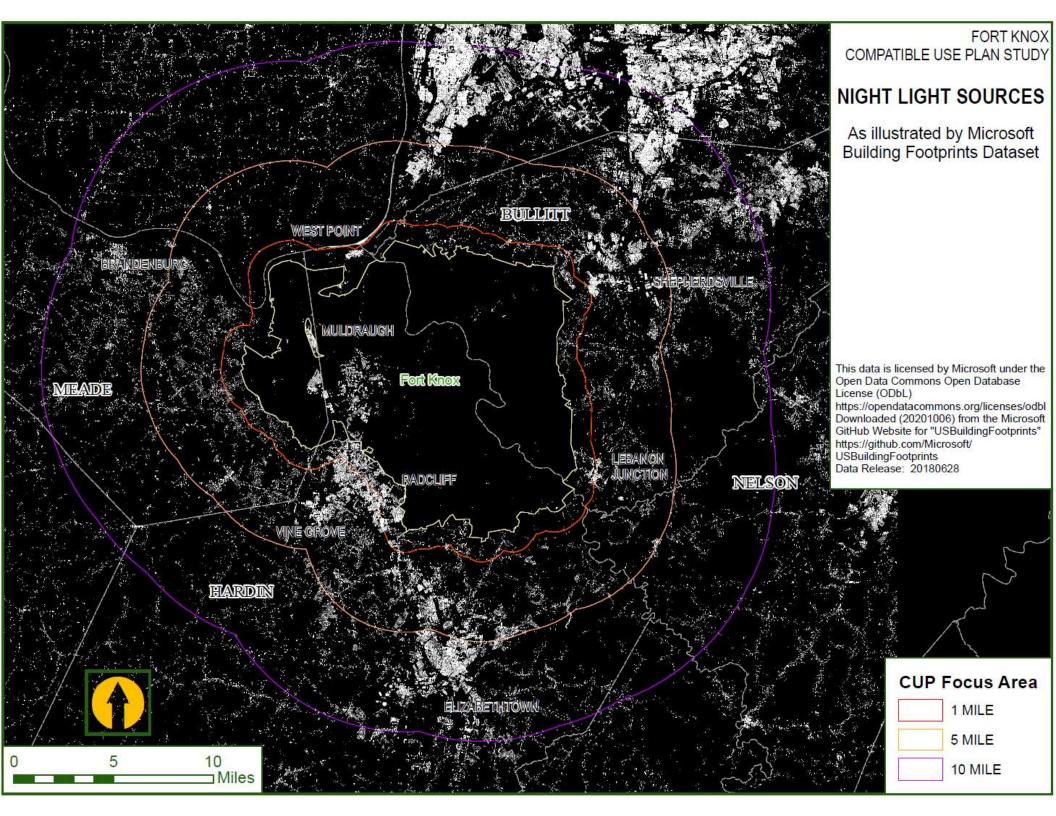


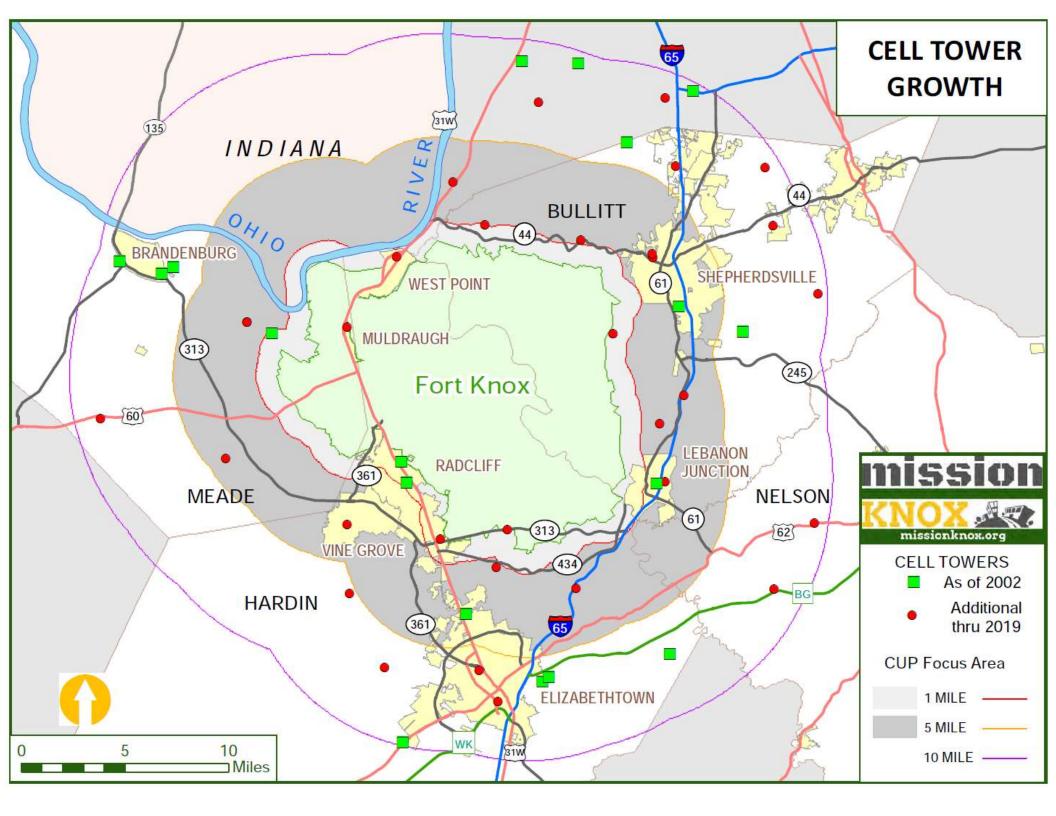
U.S. Census Bureau, New Private Housing Structures.

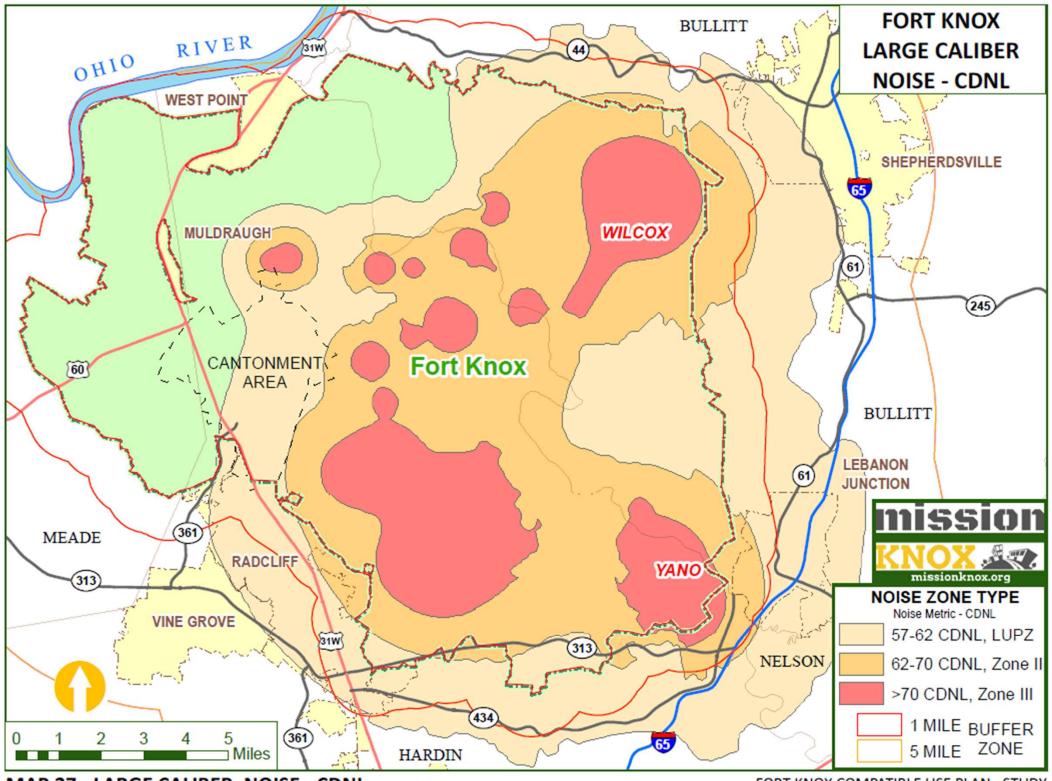


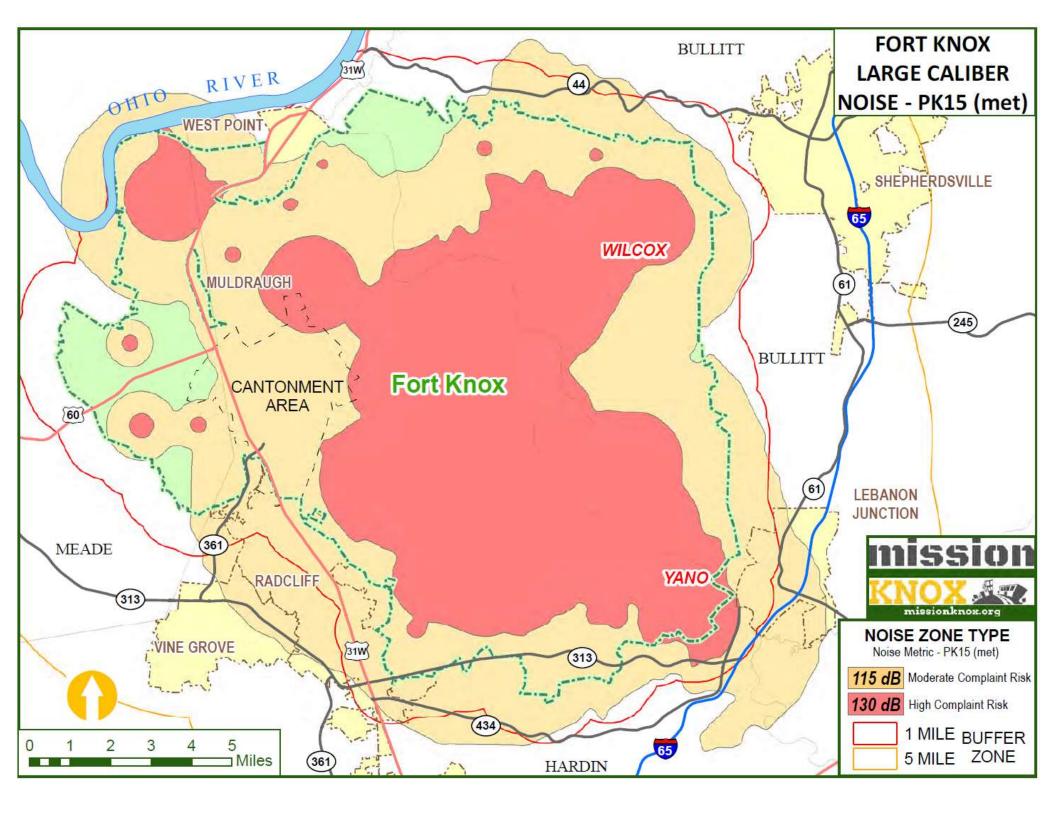












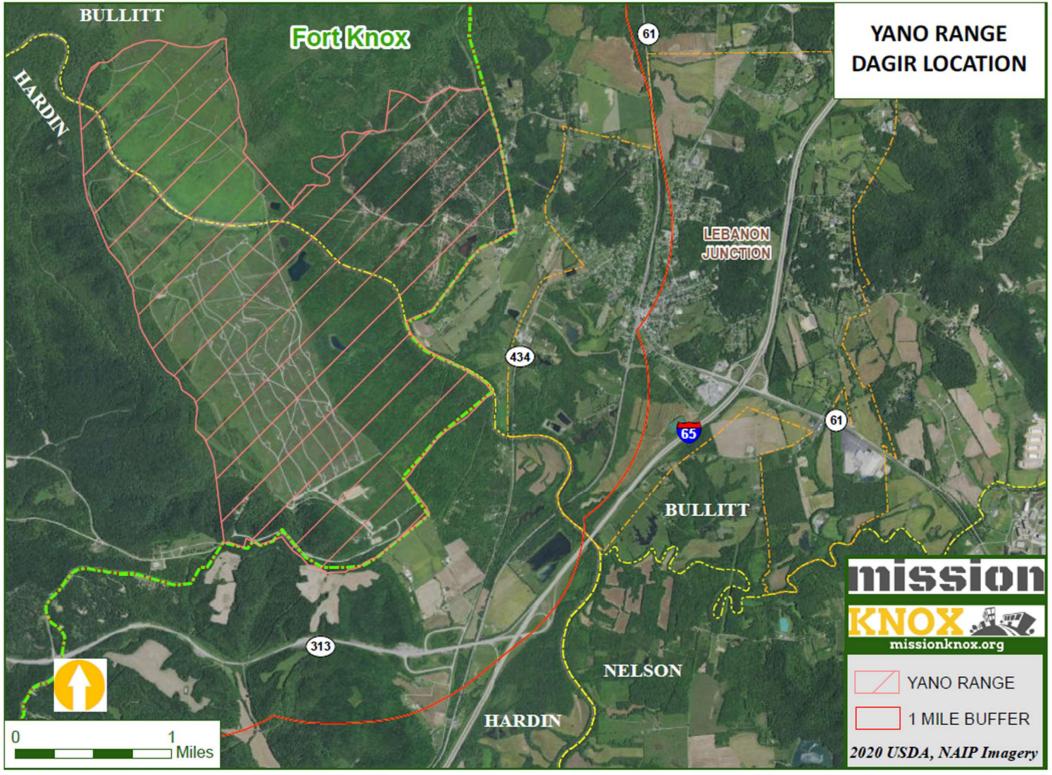
Digital Air-Ground Integration Range (DAGIR)

Online Late 2023
Schedule slippage – weather & supply chain issues

NOISE – LOCATION CHANGES & INCREASED LEVELS & FREQUENCY

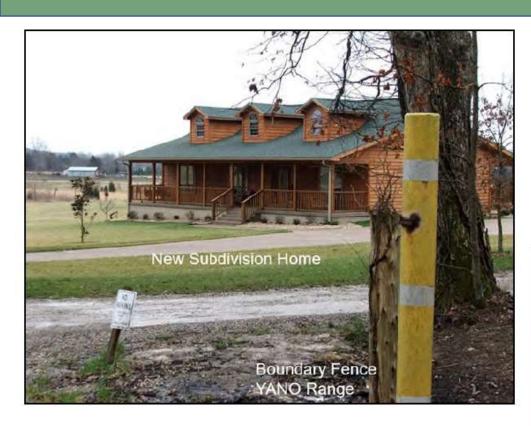


Image courtesy of Fort Knox Public Affairs Office.

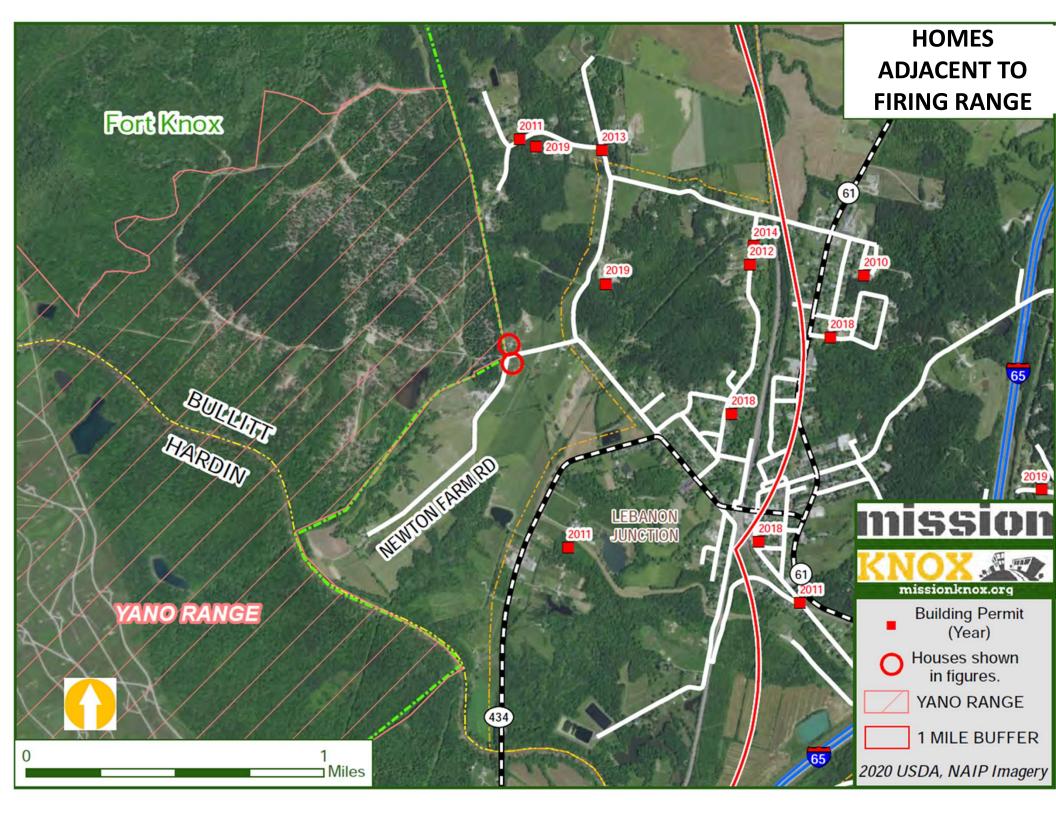


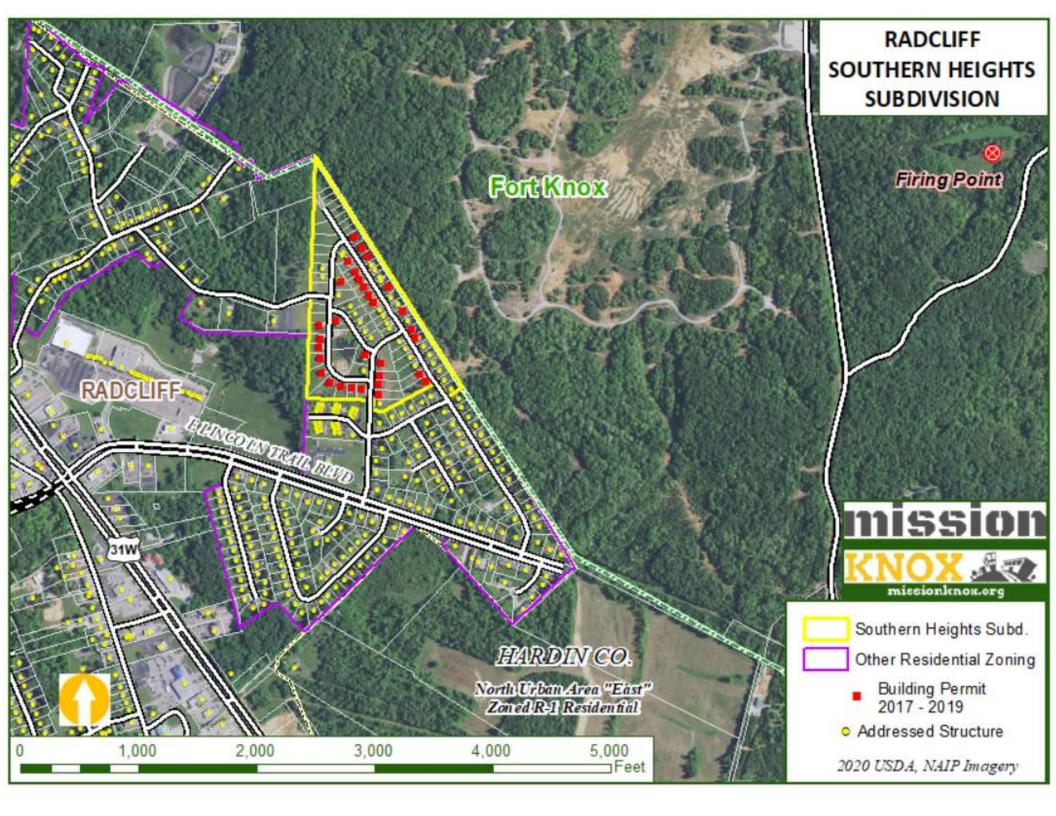
LAND USE CONCERNS — Building "against the fence"











REPORT: PUBLIC MEETINGS & SURVEYS KN



"I was at a meeting and a Colonel said they can't fly over your house, farm, property"

"Tanks are gone but still noise."

"The noise causing the value of my property to decrease"

"Walls cracking when using large weapons, hasn't been happening much recently though."

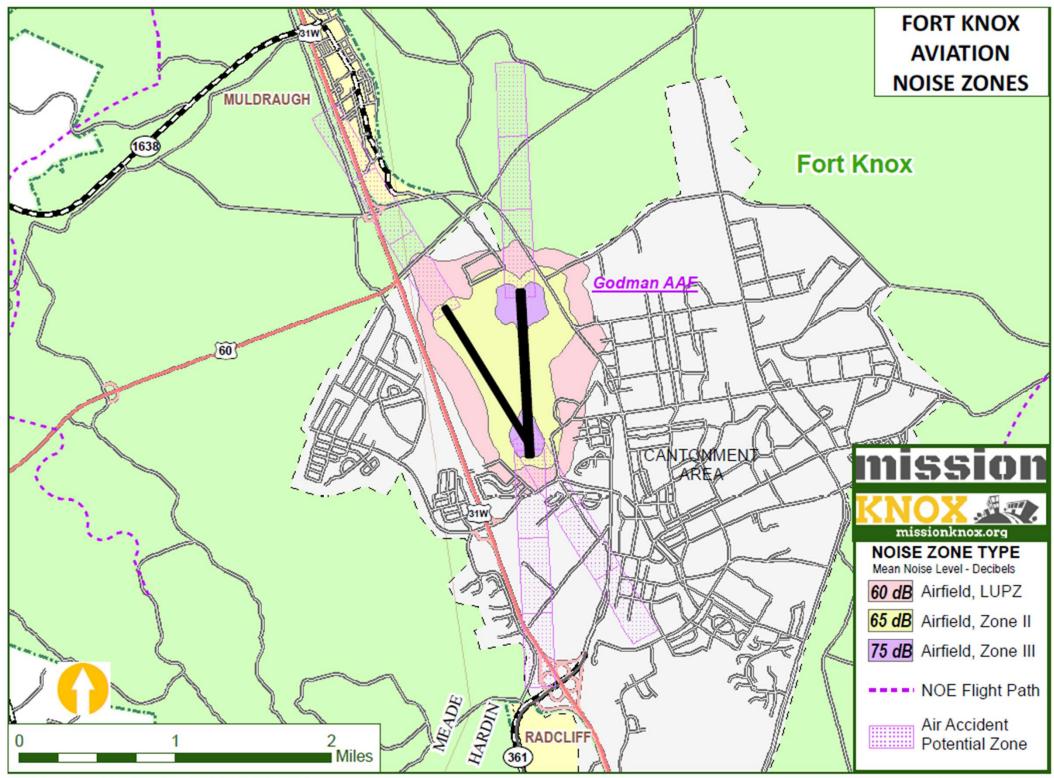
"Property value drop due to noise"

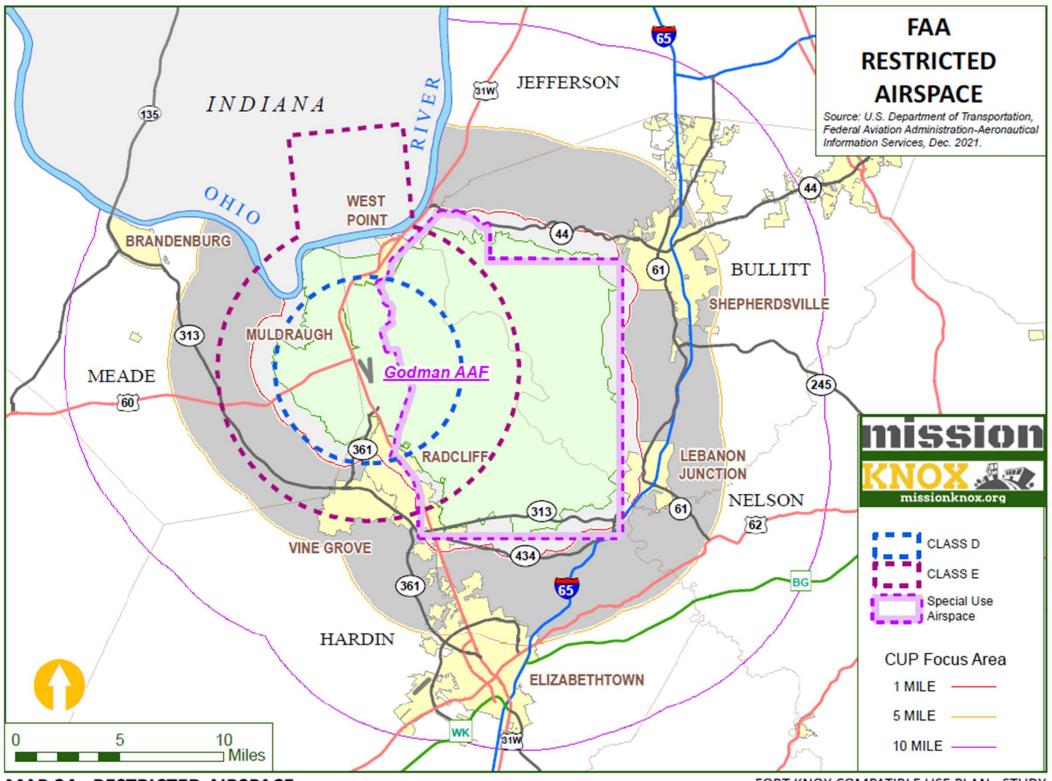
"NOISE" COMPLAINTS

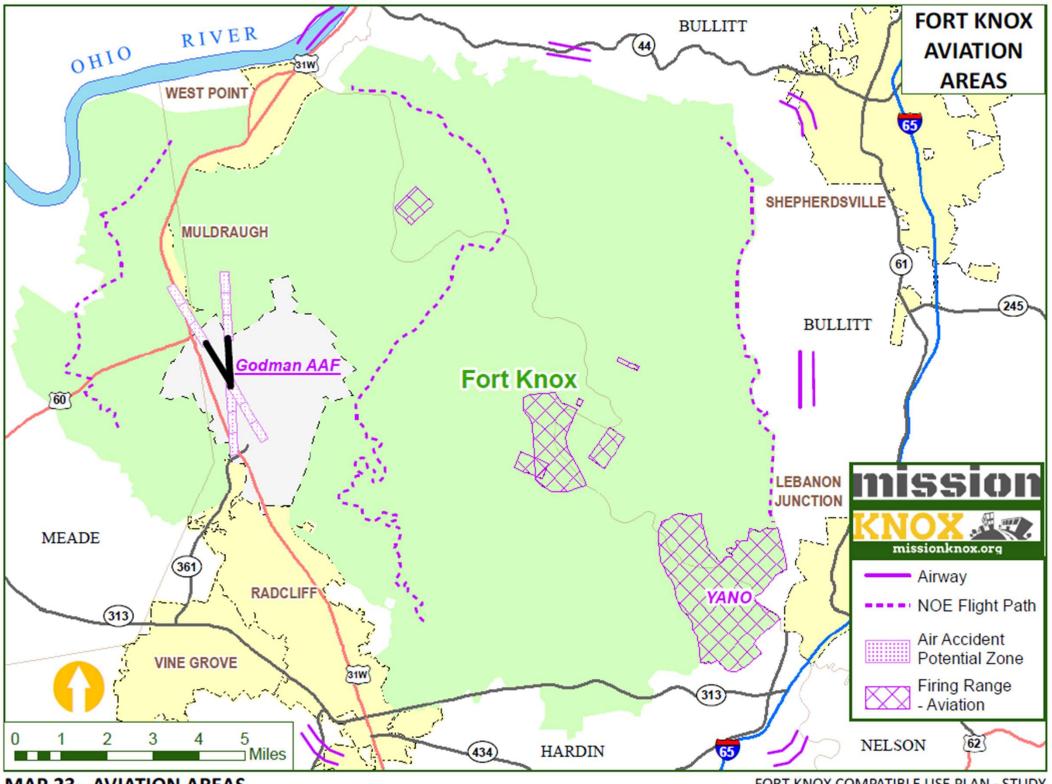


"I have called many times about you being over the BUFFER ZONE BROKEN GLASS PICTURES FALLING OFF WALL

Going to court house file complaints..."





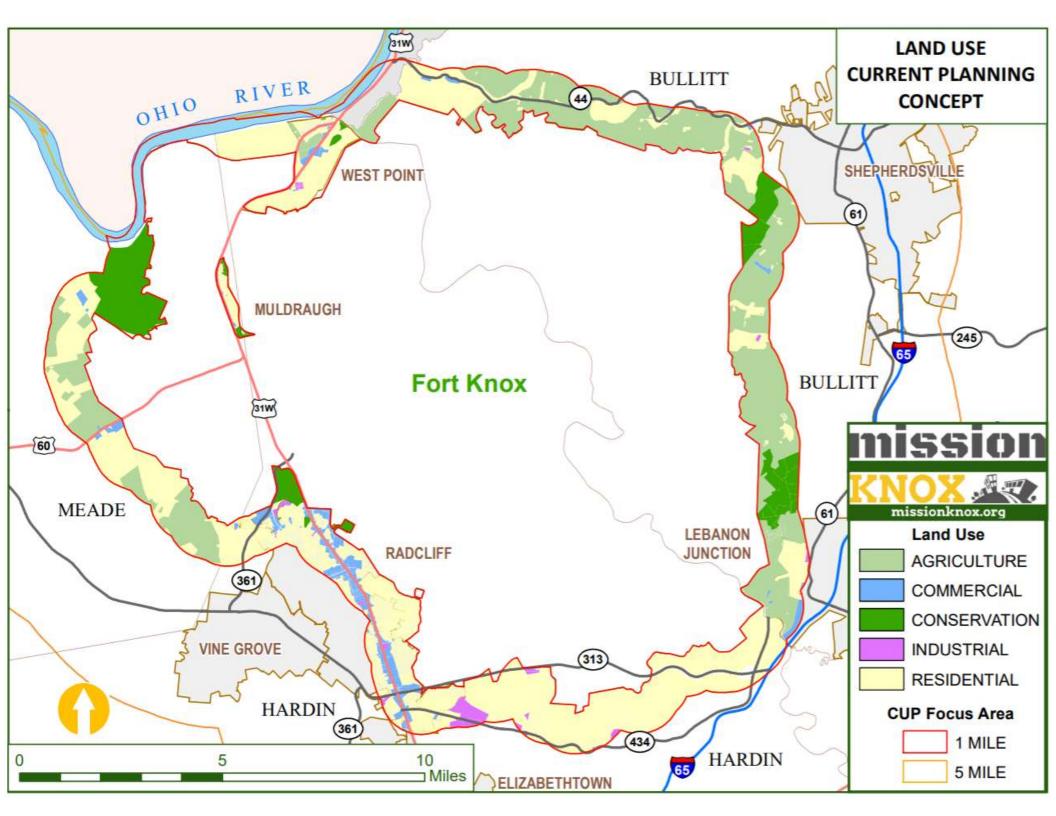


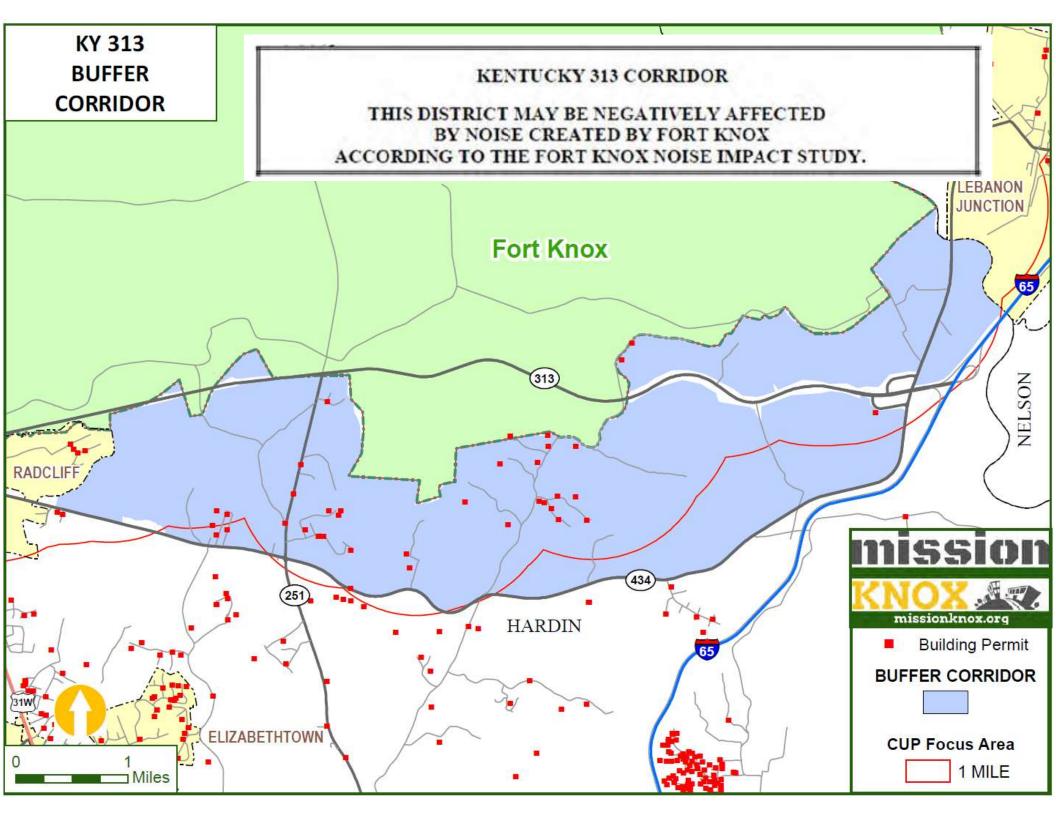
"NOISE" COMPLAINTS



"On wednesday [sic] night 23 Oct at around 1 a.m. helicopters were flying very low above our house. They were below 100 feet and they rattled my house. Fort Knox has 109,000 acres, why do they have to fly over residential areas."

"Tues. night (10/22) at around 11 p.m. helicopters were flying about 200 ft. above our house. There is no need to fly over a subdivision that low, that late at night. I understand at 3 in the afternoon, but not at night. That is what the restricted airspace on Fort Knox is for."





LAND USE





This home is being constructed in an RU-E Zone, which experienced significant growth due to annexation.

2019 RADCLIFF COMP PLAN

PUBLIC PARTICIPATION

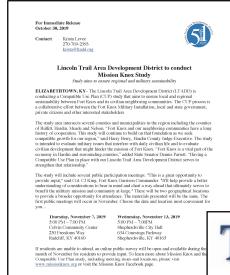




missionknox.org

PRESS RELEASES

News-Enterprise The Pioneer News Meade County Messenger The Kentucky Standard **WQXE 98.3 FM WVKB 101.5 FM WUIF 94.3 FM** Kentucky's Heartland



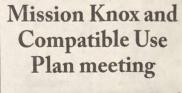
613 COLLEGE STREET ROAD | ELIZABETHTOWN, KY 42701 | LTADD.OR



NEWSPAPER ARTICLES

News-Enterprise, article & editorial The Pioneer News, article Messenger, article





CHAD HOBBS Messenger Staff

On Nov. 25, a pub-

million is obligated to mission and installation contracts. The daytime population of lic open forum meet- Fort Knox swells to ing was hosted at the over 25,000, ranking it Meade County Court- as the 13th largest city house by the Lincoln in Kentucky between



THE PIONEER NEWS

Nov 27, 2019 90

In a series of community meetings, the Lincoln Knox, its upbeat name for the federal compatib

The CUPs plan, itself a new name for the forme on how the post and its neighbors can best gro partners by reducing encroachment.

Through this a series of information-gathering s thoughts and insights in a search for priorities. planning and eventually more community invol-





he Lincoln Trail Area Development District is conducting a Compatible Use Plan study that aims to nsure local and regional sustainability between Fort Knox and its neighboring communities

PUBLIC PARTICIPATION

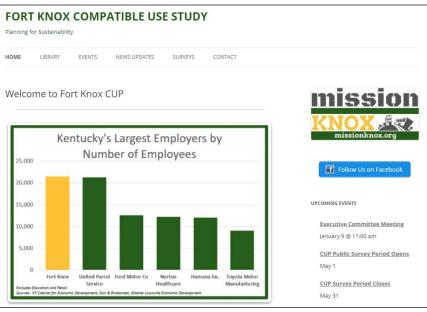


FACEBOOK



WEBSITE

missionknox.org



PUBLIC PARTICIPATION MEETINGS

mission



missionknox.org





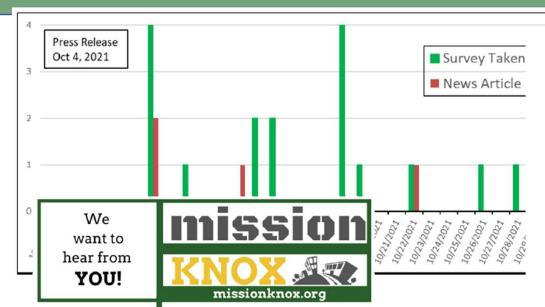


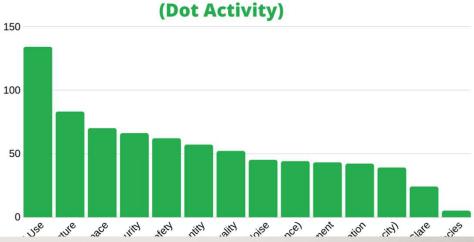


PUBLIC PARTICIPATION SURVEYS



missionknox.org





CUP Public Meeting Opinion Results

Take the Public Survey



Open Nov 1-30

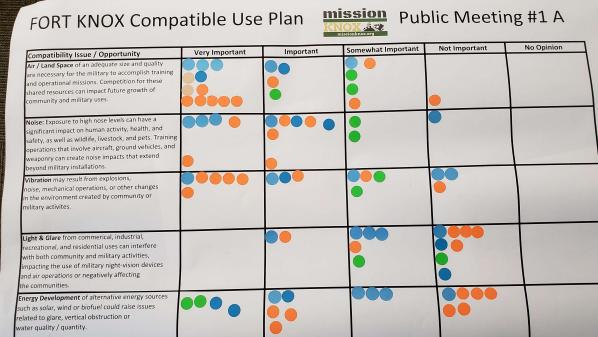


Stay connected at www.missionknox.org or follow on Facebook info@missionknox.org 270-769-2393



Use the survey link or QR code to access the public survey.





REPORT: PUBLIC MEETINGS & SURVEYS KI



missionknox.org

ISSUE: LAND BEING TAKEN

"Government (Ft Knox) is going to take all the land within one mile of boundary"

"Saw map on ky.gov that showed property to be taken"

"Loss of privately owned land and homes"

"LOSS OF MY FAMILY'S HOME AND PROPERTY"

"Taking my land because of the mile wide boundary expansion."

Bullitt Magistrate contacted US Rep office concerned about Ft Knox taking land.



FEDERAL

STATE

LOCAL



FEDERAL

SENTINEL LANDSCAPES PROGRAM

REPI - Readiness and Environmental Protection Integration

ACUB – Army Compatible Use Buffer



STATE

PACE - Purchase of Agricultural Conservation Easements

REAL ESTATE DISCLOSURES

STATE LEVEL DEVELOPMENT GUIDE FOR MILITARY INSTALLATIONS



LOCAL

ORDINANCES

NOISE

LIGHT

DENSITY

MANAGED GROWTH

COMMUNICATION / INFORMATION

IMPLEMENTATION



Goal 1: Communication Goal 2: Land Use Policy Goal 3: Conservation

IMPLEMENTATION Policy Toolbox



Land Use Planning Specific

Language and Examples

Access to Fort Knox Management Plans & Studies

Establish MOU's between Planning Organizations and Fort Knox

IMPLEMENTATION Attenuation Policies



NOISE

LIGHT

FREQUENCY (Communications)

OBSTRUCTIONS

Building Codes
Subdivision Regulations
Permitting Process
Ordinance
Zoning Regulations

IMPLEMENTATION Sample Notice Language



This property is located near an active military training installation.

This includes active firing ranges and aircraft overflights.

Common issues such as noise, dust, vibration, traffic can occur with some frequency – 24 hours a day, seven days a week.

IMPLEMENTATION Overlay Zones



Military Influence Planning District (MIPD) aka Military Influence Area Overlay(MIAO)

Airport Noise Impact Zone

Air Installation Compatible Use Zone and/or Air Safety Zone

IMPLEMENTATION Other Possibilities



Transfer Development Rights – Allowed

Future Land Use - Compatibility Review

Buffer Zones – New or Upgraded

Conflict Notification – via permitting process

Annexations – Compatible Use Considered

IMPLEMENTATION Also Being Done



Compatible Land Use Risk Analysis

Fort Knox Market Area Housing Study

Hazard & Resiliency Review

Compatible Conservation Report

MITIGATION STRATEGIES



General Assembly

KRS-324.360 Form for seller's disclosure of conditions.

- (3) The form shall provide for disclosure by the seller of the following:
 - (a) Basement condition and whether it leaks;
 - (b) Roof condition and whether it leaks;
 - (c) Source and condition of water supply;
 - (d) Source and condition of sewage service;
 - (e) Working condition of component systems; and
 - (f) Other matters the commission deems appropriate.

Kentucky Real Estate Commission

FORM 402 - Seller's Disclosure of Property Conditions

Real Estate Disclosures



Possible Version of the Proposed Language:

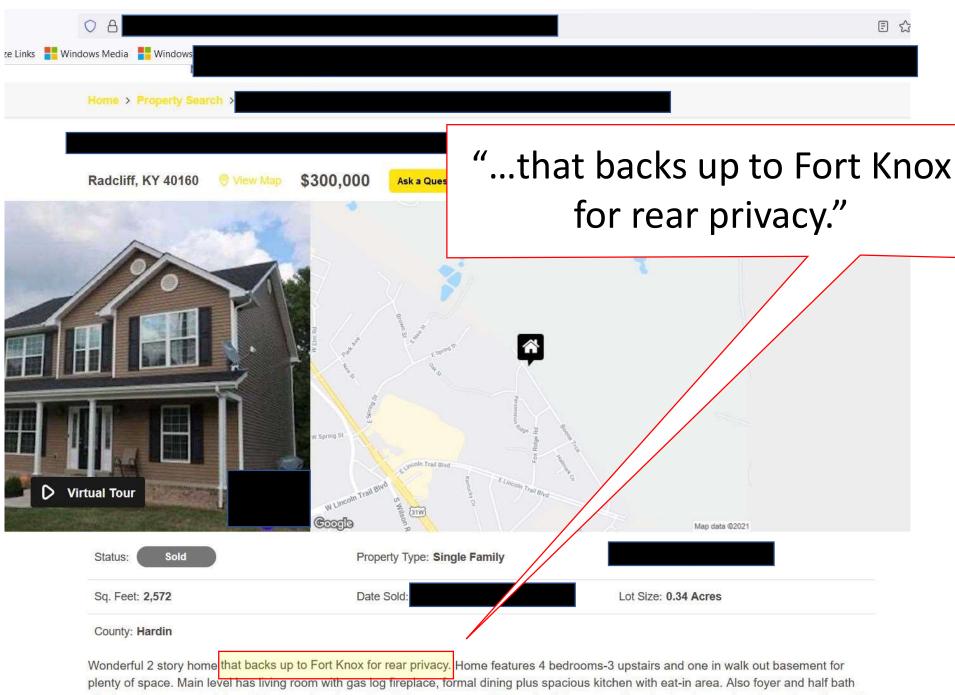
...property is contained wholly or partially within eight (8) miles of the US. Army's Fort Knox or Fort Campbell, and may be affected by noise or air installation compatible use zones or other operations; and...

Via Kentucky Real Estate Commission – Form 402

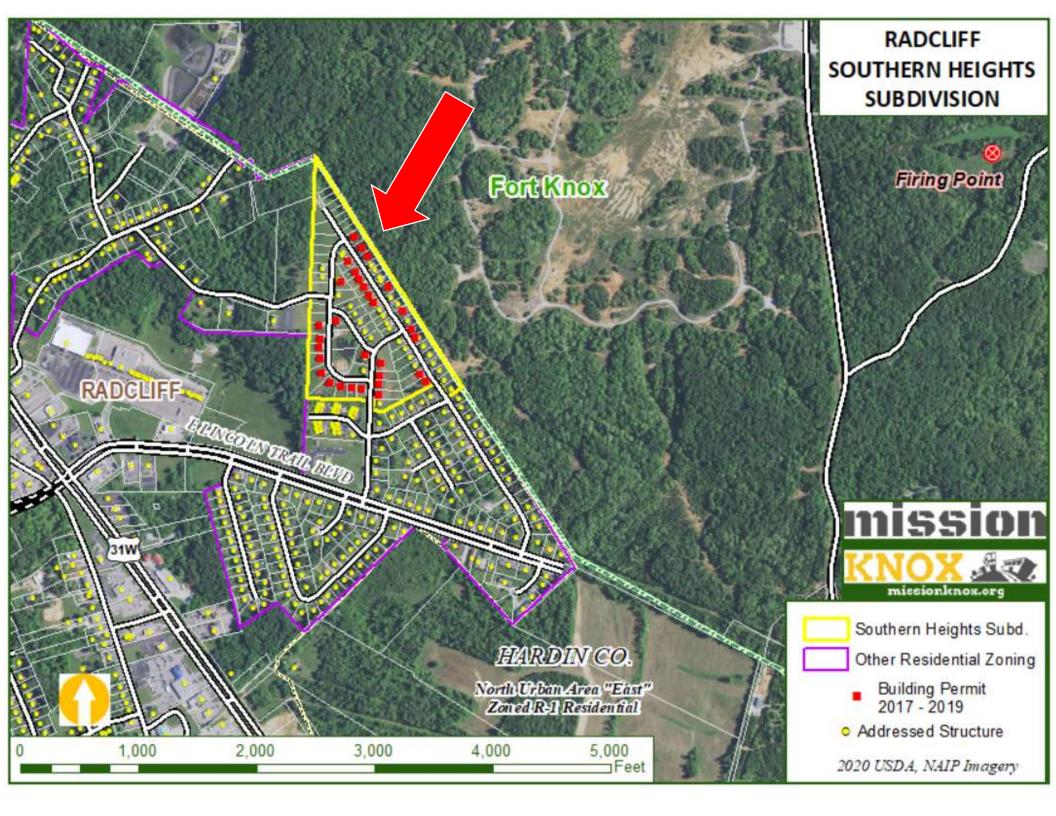
"NOISE" COMPLAINTS



"Him and his wife have lived in this location for 1 1/2 yrs. When they looked at the house they were aware of the proximity to Ft Knox but were assured by the realtor that Ft. Knox was not going to be a training base and most of the training exercises would leave but they have not seen a decrease in the activity. The house shook all weekend. He thinks the noise is getting lousder [sic] and the whole house shudders now."



Wonderful 2 story home that backs up to Fort Knox for rear privacy. Home features 4 bedrooms-3 upstairs and one in walk out basement for plenty of space. Main level has living room with gas log fireplace, formal dining plus spacious kitchen with eat-in area. Also foyer and half bath plus laundry are on main level. Entrance from large 2 vehicle garage goes into eat in kitchen area. Upstairs has its own heating and cooling unit for year round comfort. Largest bedroom has private bath with double bowl vanity and separate soaking tub and shower. The walk out bas More...



Real Estate Disclosures







Image: Google Street View 2022

AUTHORITY: Internal Security Act, 50 U.S,C. 797

PUNISHMENT: Up to one year imprisonment and \$5,000. fine.

Real Estate Disclosures PROPOSED 8 MILE IMPACT



Fort Knox			
County	Housing Units	Population	
Bullitt	17,895	45,024	
Hardin	32,784	76,145	
Jefferson	14,985	36,987	
LaRue	9	29	
Meade	7,387	18,191	
Nelson	592	1,313	
	73,652	177,689	

Fort Campbell			
County	Housing Units	Population	
Christian	5,335	13,062	
Todd	99	214	
Trigg	1,573	3,496	
	7,007	16,772	

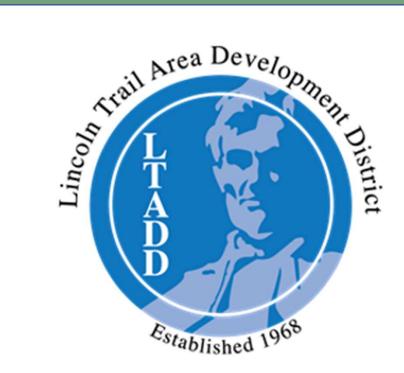
Kentucky Totals	1,994,323	4,505,836
% of State Affected		_

2020 US Census Blocks Centroid selection, 8 mile buffer

DISCUSSION

CONTACT





Mike Robinson
mrobinson@ltadd.org
270-982-5255

MISSIONKNOX.ORG
LTADD.ORG