



NEXA Capital Partners, LLC
NEXA Capital powers the industry



UAM Geomatics, Inc.
A NEXA Capital Company

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**FUTURE OF
AVIATION**

Advancing Aerial Mobility
through Technology, Sustainability,
and On-Demand Flight



About NEXA and Advanced Air Mobility

NEXA Capital Partners is a **boutique investment banking firm** focused on the aerospace sector - applying innovative finance, public private partnerships, corporate finance, M&A, private placements, and financial advisory.

- Our extensive work in **Advanced Air Mobility** has resulted on development of world-class geospatial mapping tools and business case investment analytics and lay groundwork for AAM urban airspace design and capital investment.



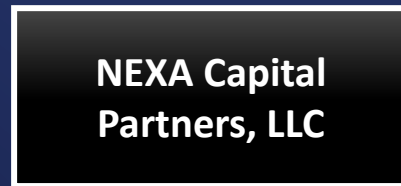
MICHAEL DYMENT

- 40 years investment banking aerospace sector
- Partner, PwC, Arthur Andersen, AT Kearney
- MSc. Aero Astro, MIT
- Chairman VFS H2 Council



HANK KRAKOWSKI

- Former FAA COO, ATO
- 20 years senior management consulting
- ATW Pilot
- Former VP Operations United Airlines



NEXA Capital Markets

Investment Banking and M&A

NEXA Advisors

Business Valuation, Market and Economic Research

NEXA UAM Geomatics

Geospatial Mapping and Big Data Analytics For the AAM Sector



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World Markets for UAM

• **UAM Geomatics Analyzed Five Services...**

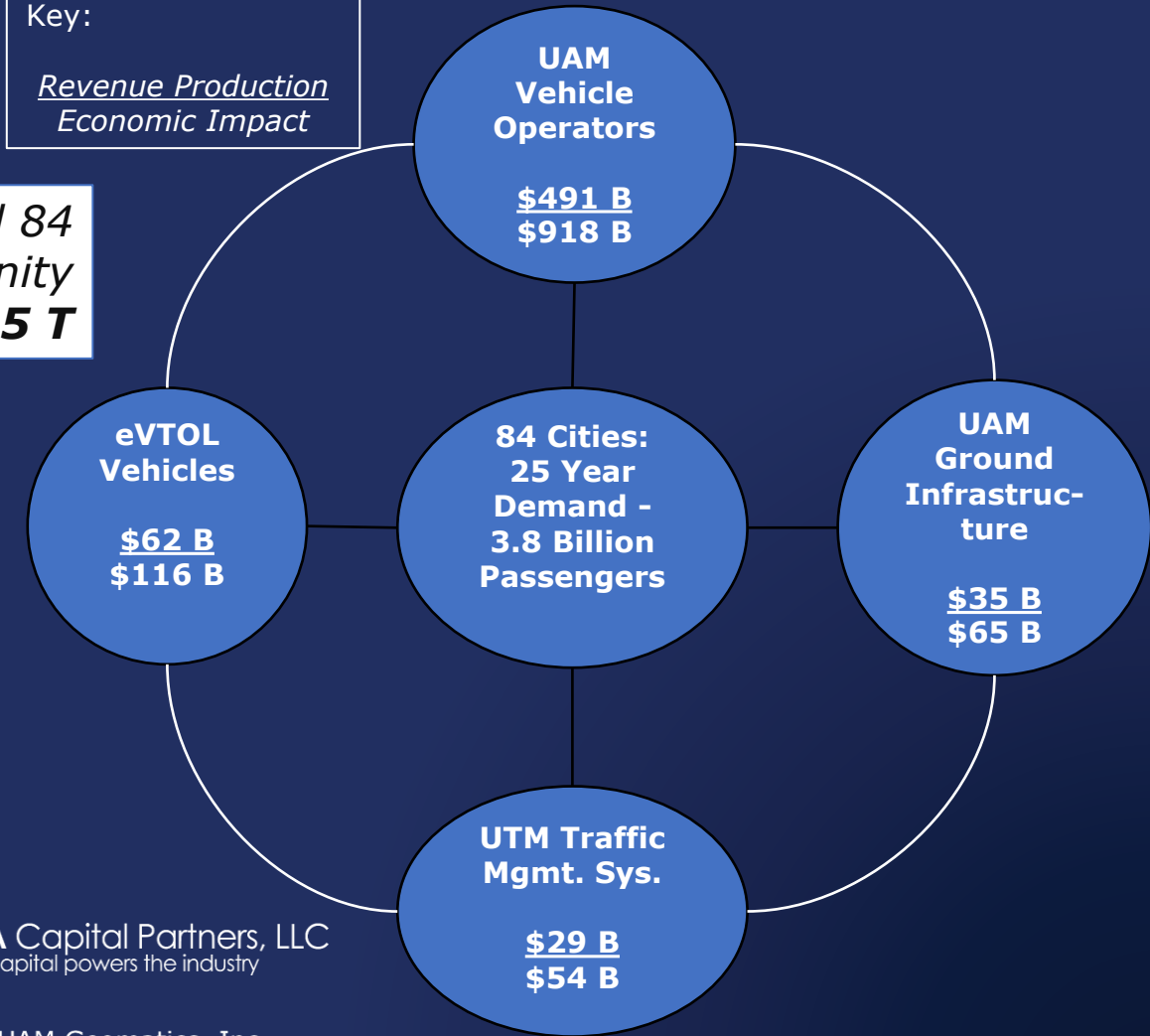
- Airport Shuttle
- On Demand Air Taxi
- Regional (>200Mi) On-Demand
- Corporate Campus/Business Aviation
- Medical/Emergency

• **Four global supply chains were included by necessity to ensure the business case closes ...**

	Tier 2	Tier 1	Tier 0/OEM	Downstream Customers and Stakeholders
UAM Ground Infrastructure	Airspace Designers, Structural Engineering, Transport Planners Etc.	Helipport Contractors, Infrastructure Funds, Composites, Etc.	UAM Ground Infrastructure Owners/Operators/PPPs	Passengers
UATM Traffic Management	UATM Subsystems, beacons, comms and Components, Etc.	ATC Systems Integrators, Etc.	UATM Metropolitan Traffic System Operators	Investors
eVTOL Manufacturers	Electronic Components, Software Programs, Etc.	Assembly Modules, Motors, Batteries, Avionics, Etc.	eVTOL Developers and Manufacturers	Cities and Regulators
Certified eVTOL Operators	Pilots, Facilities, Etc.	Maintenance Services and Capabilities, Etc.	Helicopter 91, 121 and P135 Operators and Others	Other Stakeholders

Total Global 84 City Opportunity
\$1.15 T

Key:
Revenue Production
Economic Impact



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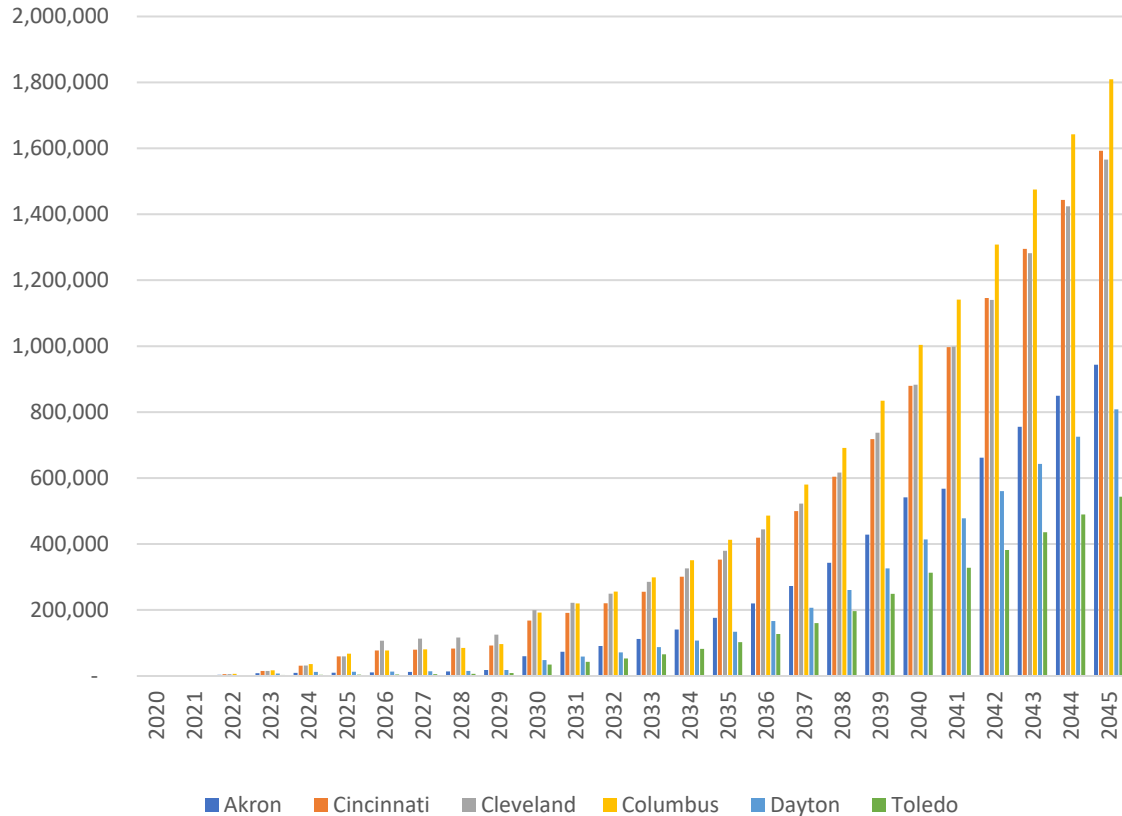
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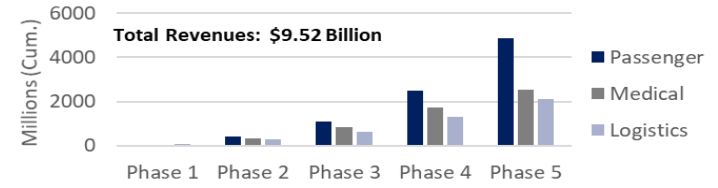
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Example: Ohio Passenger Demand and 25 Year CAPEX Investment

Ohio City AAM Annual Passenger Traffic 2020-2045

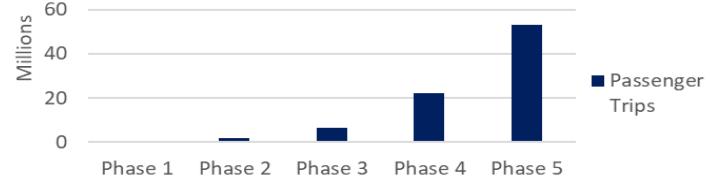


Operator Revenue



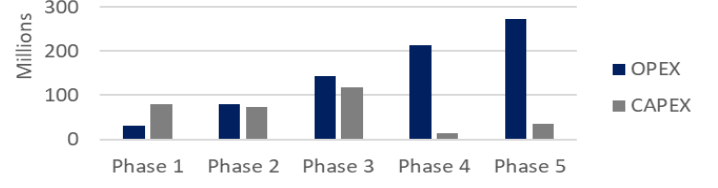
- Operator Revenues are comprised of Cargo operations, Medical services, and 4 passenger use cases: Air Taxi, Regional Air Mobility, Airport Shuttle, and Business Aviation
- 25 Year Total: **\$9.52 B**

Passenger Demand



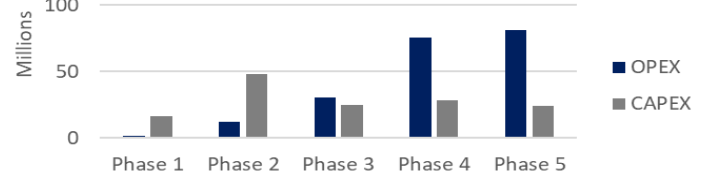
- Statewide demand is calculated using a variety of inputs such as per capita income, GDP, and traffic congestion, among others
- 25 Year Total: **84 M**

Ground Infrastructure



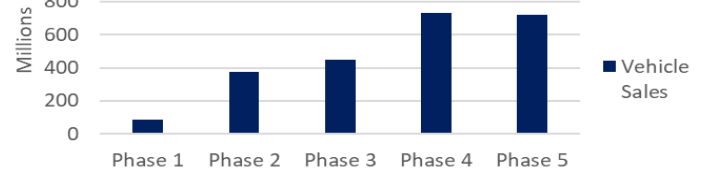
- Ground infrastructure is comprised of Capital Expenditures and Operating Expenses
- CAPEX is initially higher as physical infrastructure is developed but OPEX quickly takes over after Phase 2
- 25 Year Total: **\$1.06 B**

UATM Infrastructure



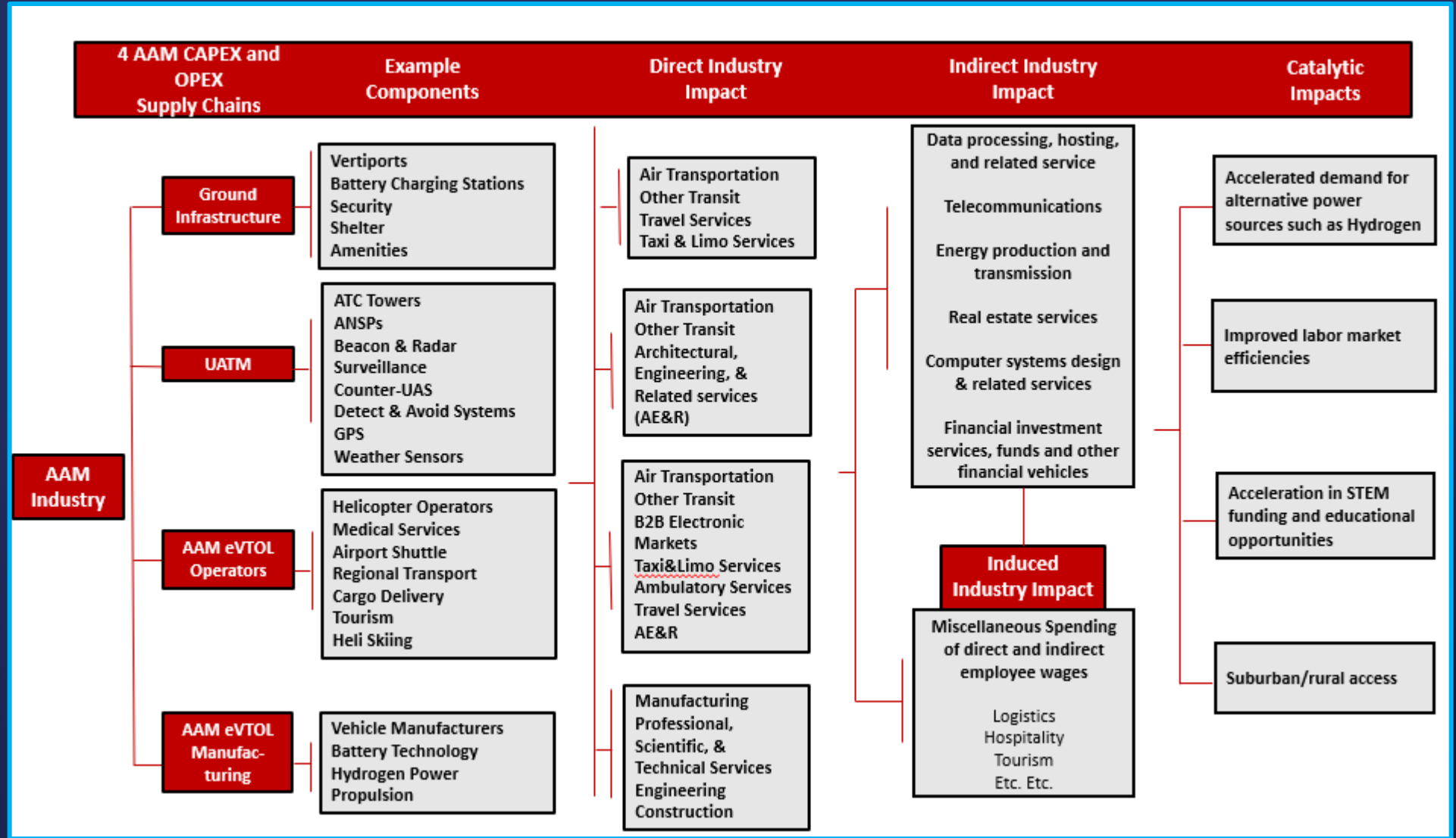
- UATM infrastructure consists of radars, navigation, comms equipment, network managers, and more
- 25 Year Total: **\$342 M**

Electric Vehicles



- Vehicle production is initially low as OEMs integrate supply chains and solve manufacturing inefficiencies but then reaches a maximum supply in Phase 4 meeting demand
- 25 Year Total: **\$2.3 B**

The Advanced Air Mobility Industry Impact Flow Chart



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Case Study Examples

Total Impact	State of Ohio – 2045	State of Arkansas – 2045	Greater Vancouver – 2040
Population (2019)	11.7 Million	3 million	2.6 Million
New AAM-Related Permanent Jobs	15,000 FTE over 25 years	4,000 FTE over 25 years	2,007 FTE over 20 years
GDP Increase	US\$11.4 Billion	US\$3.6 Billion	C\$2.2 Billion
Tax Revenue	US\$2.5 Billion	US\$629 Million	C\$167 Million

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Jobs of the future (AAM)



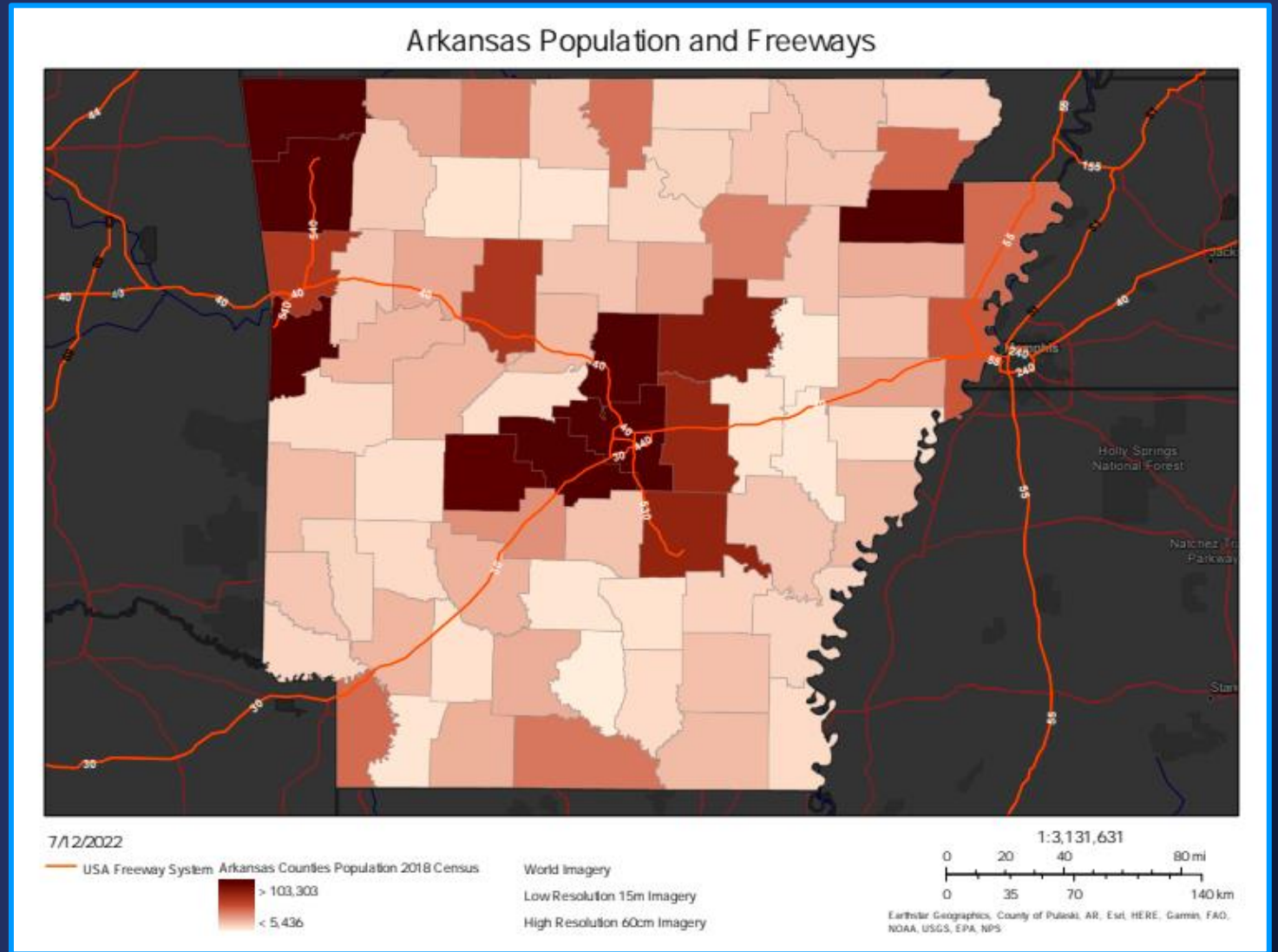
Engineering, Intelligent Transportation Systems	Quality Control and Safety Engineering
Architectural and Civil Drafters	Aircraft Mechanics and Service Technicians
Computer and Information Research Scientists	Software Developers and Software Quality Assurance Analysts and Testers
Computer Hardware Engineers	Computer Systems Analysts
AAM Operations	Medical and Supporting Services
Pilots (includes emergency)	Paramedics
Cargo Pilots	Emergency Dispatchers
Air Traffic Controllers	Registered Nurses
AAM Operational Support	Travel Support Services
Laborers and Freight, Stock, and Material Movers	Travel Agents
Security Guards	Tour and Travel Guides
First-Line Supervisors of Transportation	Reservation and Transportation Agents
Vehicle Design and Manufacturing	Hospitality
eVTOL Mechanics and Electric Engine Specialists	Waiters and Waitresses
Electrical Engineers	Cooks, Restaurant
Airline Pilots, Copilots, and Flight Engineers	Food Preparation Workers
Business and Financial Operations	All Other
Retail Salespersons	Clergy
Accountants and Auditors	Animal Caretakers
Financial Managers	Teachers

Connecting Communities and Improving the Economy For All



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