

WELCOME!

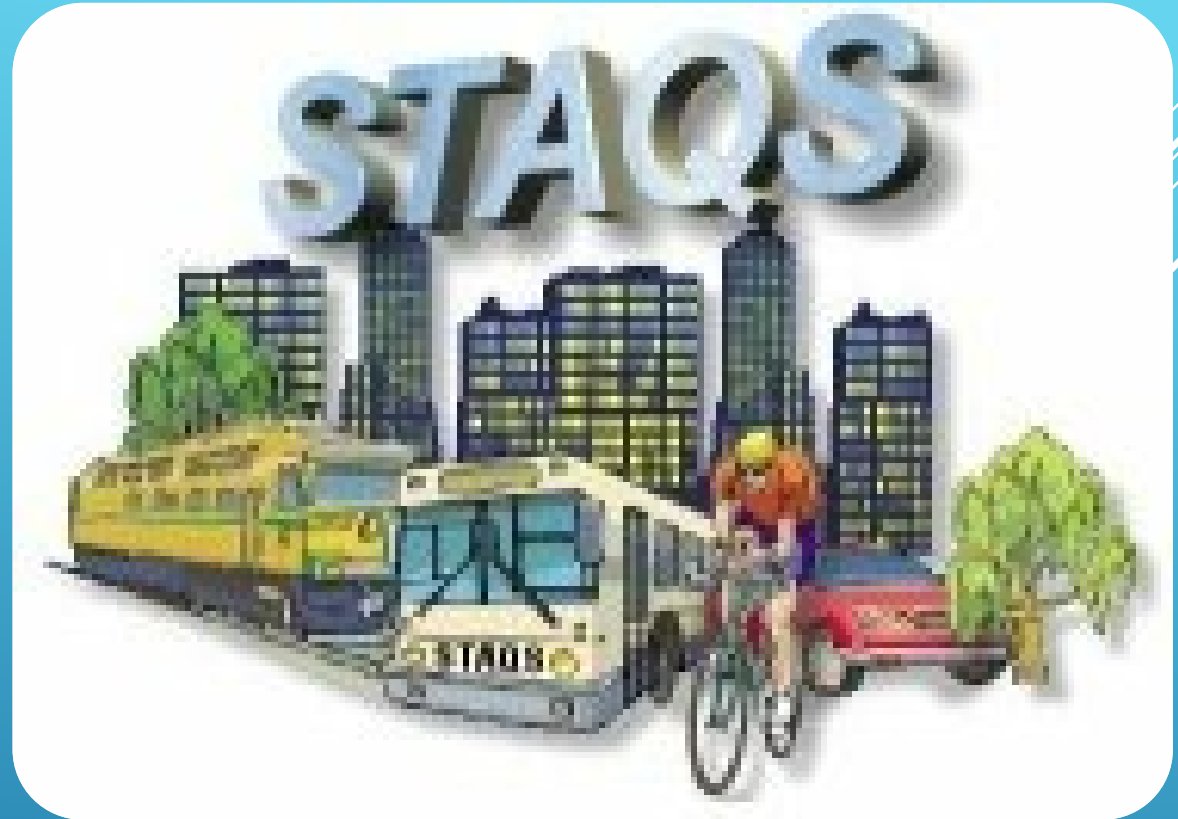
SOUTHERN TRANSPORTATION AIR QUALITY SUMMIT

August 20-21, 2019



Mayela Sosa, FHWA-IN

U.S. Department of Transportation
Federal Highway Administration



STAQS has been around for a while...

2001 - Atlanta, GA

2003 – Mobile, AL

2005 – Charleston, NC

2007 – Savannah, GA

2009 – Jacksonville, FL

2011 – Raleigh, NC

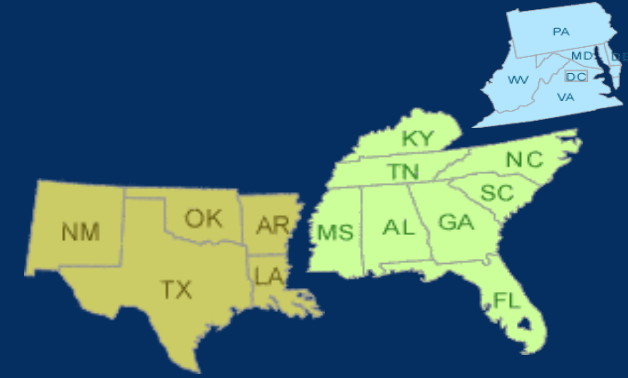
2013 – Webinar

2015 – Atlanta, GA

2017 – Dallas, TX

2019 – Louisville, KY

SOUTHERN
TRANSPORTATION
AIR
QUALITY
SUMMIT



STAQS Offers You:

- A chance to meet and interact with other practitioners
- A chance to learn new things, best practices
- A chance to share ideas



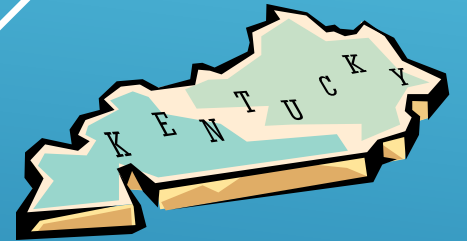
- Air Quality and Policy Updates
- Transportation Conformity Implementation
- Transportation, Health, and Air Toxics
- Freight, Fuel, and Energy
- Travel Demand Forecasting Data Assessment
- CMAQ Programs and Policy
- Sustainability and Resilience
- New Technologies

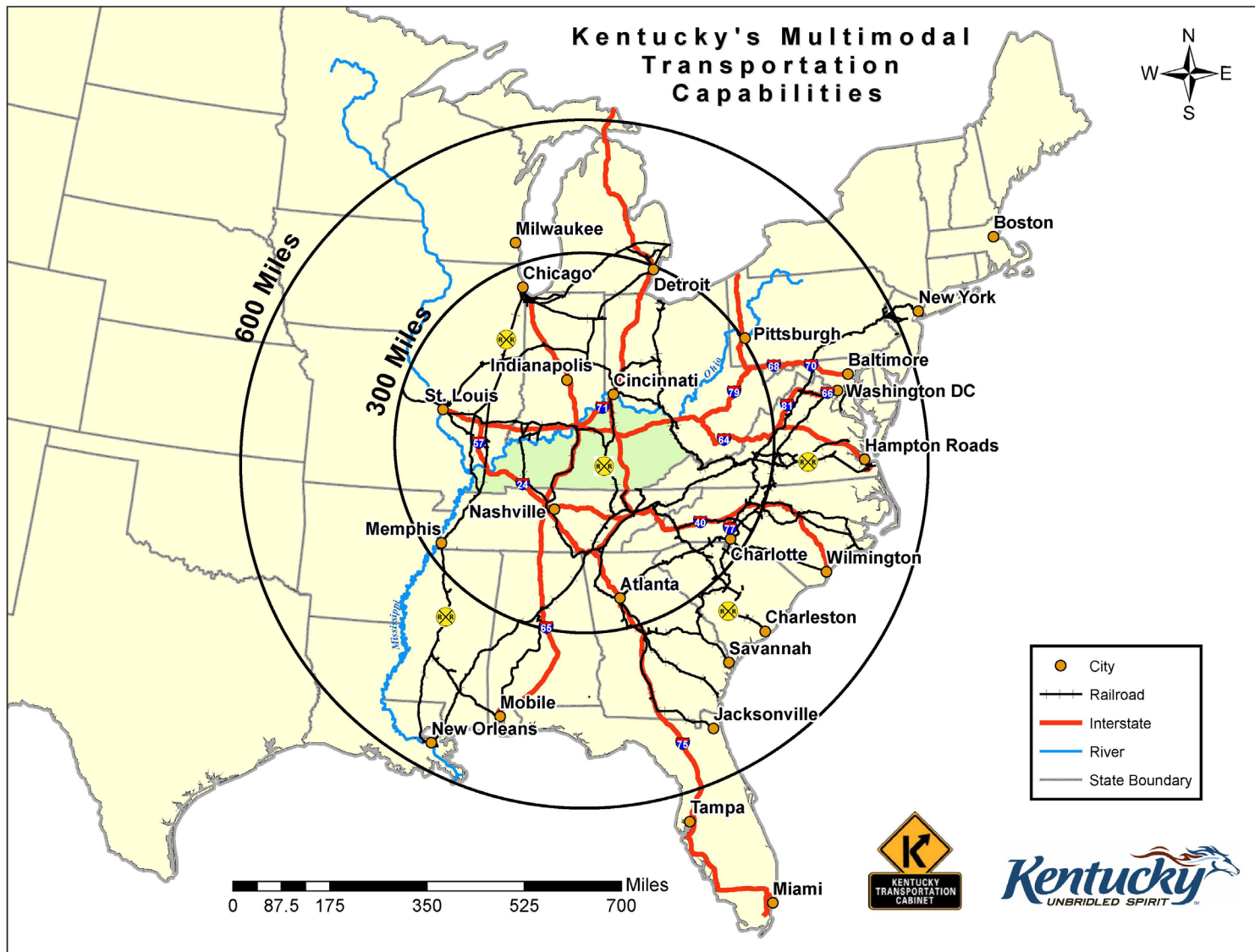


WELCOME TO KENTUCKY

State Transportation Air Quality Summit
(STAQS) August 20-21, 2019

John Ballantyne,
Federal Highway Administration - Kentucky
Planning, Environment, System Performance



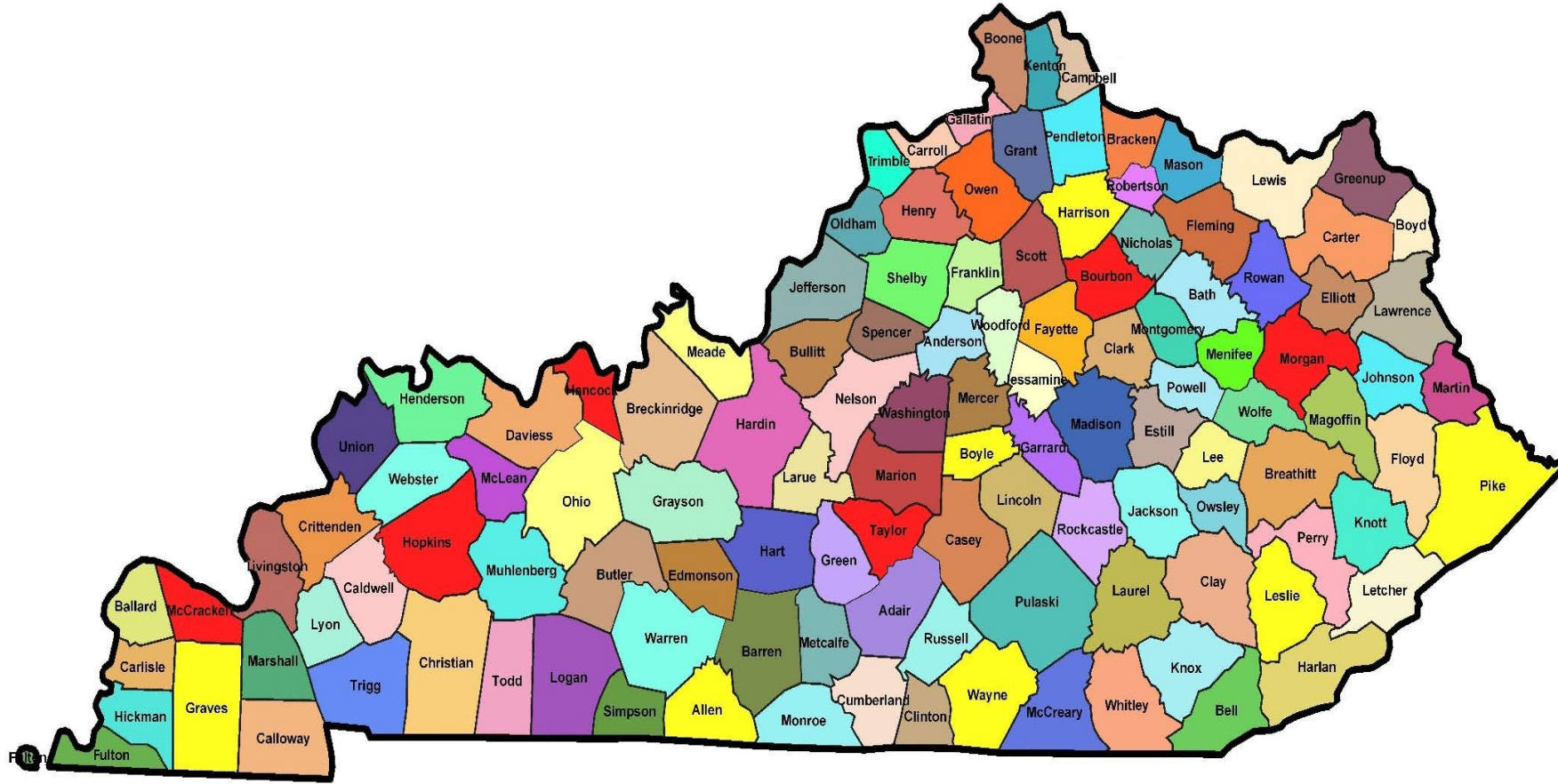


Over 65% of the nation's population within 600 miles of Kentucky's borders.

Kentucky has all 5 freight modes:

- **Air** – 3 major cargo hubs
- **Highway**- 275 M Tons
- **Water** – 2,000 miles
- **Rail** – 2,700 miles track
- **Pipeline**

**Kentucky has 120 counties.
That's a lot of local government.**

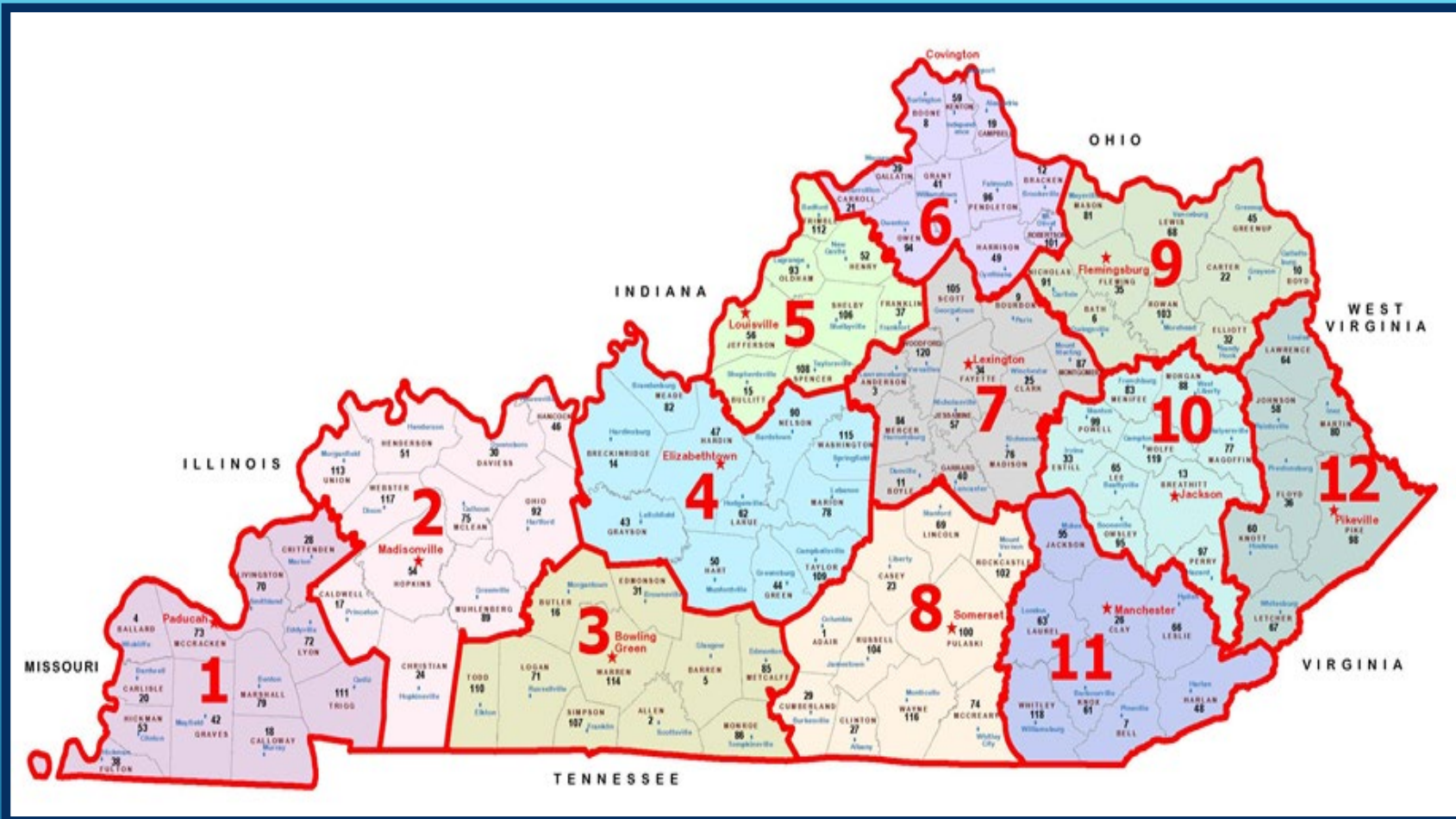


Historically, Kentucky is known for **Bourbon, Tobacco, and Horses**

97% of the world's
Bourbon is made in
Kentucky

- 68 distilleries
- Bourbon is the only native spirit for America

70% of **Burley Tobacco** in the US comes from KY



Kentucky 12 Transportation Cabinet District Offices

KY is #1 per capita for **Light Vehicle Production** and 3rd overall

- Toyota Camry
- Ford F-150
- Chevy Corvette

KY is a **Logistics Hub**

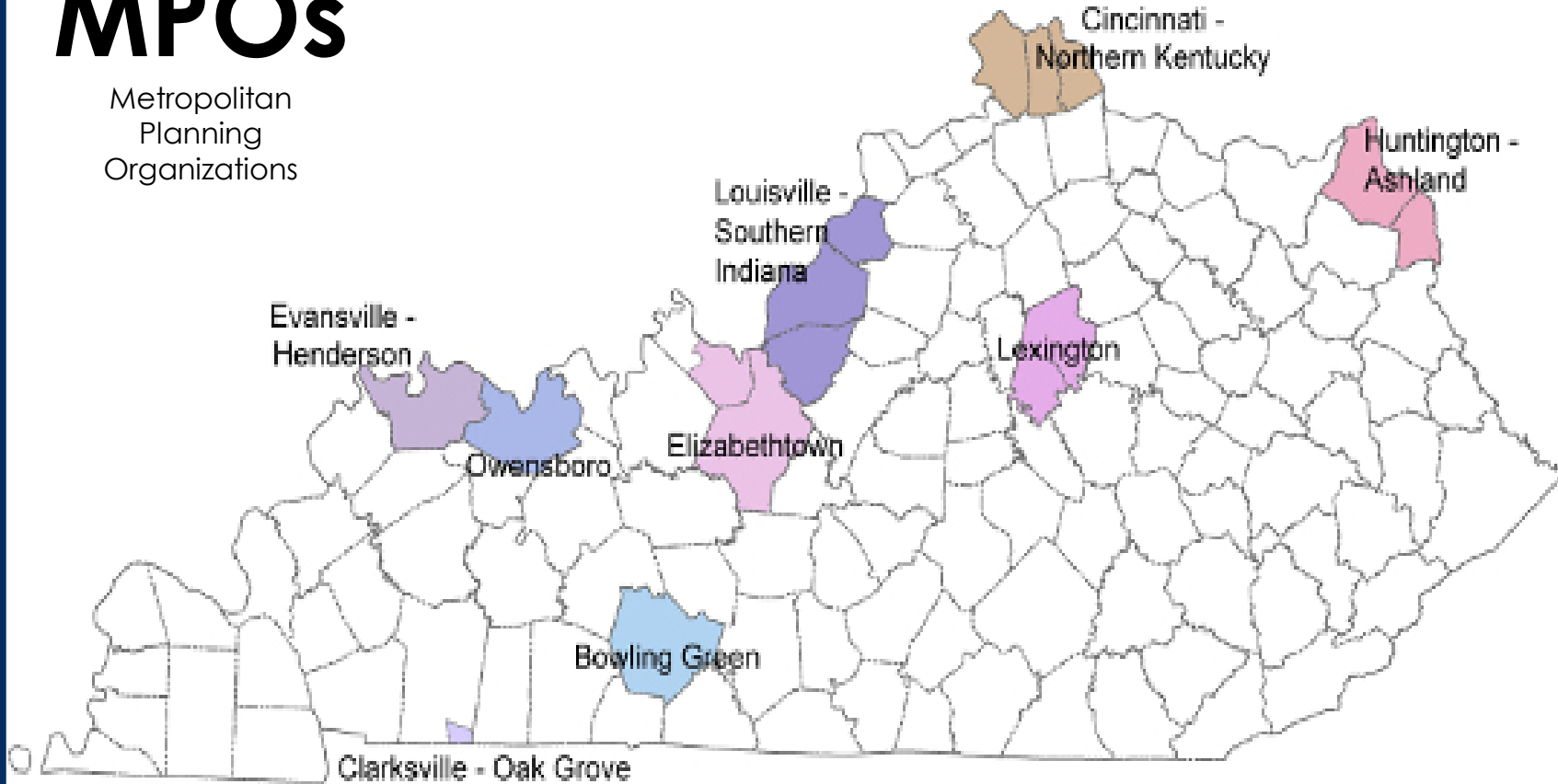
- Amazon Air Prime's Global Hub (2022)
- DHL Global Hub
- FedEx
- UPS World Port

KY **Products** Include:

- Charcoal Briquettes
- Cube Satellites
- Direct TV Satellite Dishes
- Disco Balls
- Duraflame Logs
- Gorilla Glass
- Laughing Cow & Babybell Cheese
- Lit'l Smokies
- Post-It Notes
- Ragu
- Reynolds Wrap
- Snuggle Fabric Softener

MPOs

Metropolitan
Planning
Organizations



Kentucky has 9 Metropolitan Planning Organizations (MPO's)

Kentucky' 9 MPOs

5 Transportation Management Areas (TMA)

- Cincinnati/ NKY (OH, IN, KY)
- Louisville (KY and IN)
- Huntington (WV and KY)
- Evansville (IN and KY)
- Lexington (KY only)

The remaining 4 are:

- Bowling Green (Corvette)
- Owensboro
- Radcliff/Elizabethtown
- Clarksville (Ft Campbell)

ADDs

Area Development
Districts



KY's Interesting Industry

J. M. Smuckers the largest producer of **Peanut Butter** in the world

KY World Headquarters:

- A&W Root Beer
- Ebonite International
 - Bowling Balls
- Fruit of the Loom
- Papa John's Pizza
- United States Playing Cards
- Valvoline
- Yum Brands
 - KFC
 - Long John Silvers

15 Economic Area Development Districts (ADDs)
Similar to Regional Planning Organizations

Kentucky Highway Projects of Interest

Bridging Kentucky

1000 bridges will be Restored, Renewed, or Replaced over 6 years.

I-Moves (Louisville, KY)

I-64 & I-265 Interchange and I-265 Widening

I-69 (Evansville, IN and Henderson, KY)

New 8.4 miles of Interstate and Ohio River Bridge

BUILD Discretionary Grant project (KY and TN)

US 641 between KY and TN

Sumerset US-461/KY-80 Interchange

US 51 (KY and IL)

Bridge replacement between Wickliffe, KY and in Cairo, IL, - Longest bridge in KY

Brent Spence Bridge at Cincinnati (I-65)





Brief Louisville's (Falls City)History



- Louisville settlements developed along the Falls of the Ohio River. The Falls (rapids) were the only barrier to navigation on the Ohio River between Pittsburgh and the Port of New Orleans.
- Flatboats would have to wait for the river levels to have enough, but not too much, water for the boats to safely traverse the rapids.
- 1830 – Louisville and Portland Canal was built to bypass the Falls of the Ohio. The 2-mile canal was the first Lock and Dam on the Ohio River. Railroads also expanded.



Louisville's Air Quality History

Louisville has been prone to air quality problems since the 1800's.

**WWII Industrial areas in West End
Rubbertown, Chickasaw, and Shawnee
Doing EJ before EJ was cool.**

**The Louisville Metro Air Pollution Control
District (APCD) established in 1945**

**In 1990, the CAA brought new ozone
standards, nonattainment and conformity
requirements. 15 Kentucky counties
affected**

We have come a long way....





Louisville's Skyline Circa 1950





Louisville's Downtown Bridges Circa 2016

Clark
Memorial

RF Kennedy

Abraham
Lincoln

Big-4 RR
(Pedestrian)





East End Skyline Circa 2017



Lewis and
Clark
Bridge



STAQS Conference

- **Meet, Learn, Share**
 - **Do what is Right**
 - **Do your Best**
 - **Show them that you care**
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