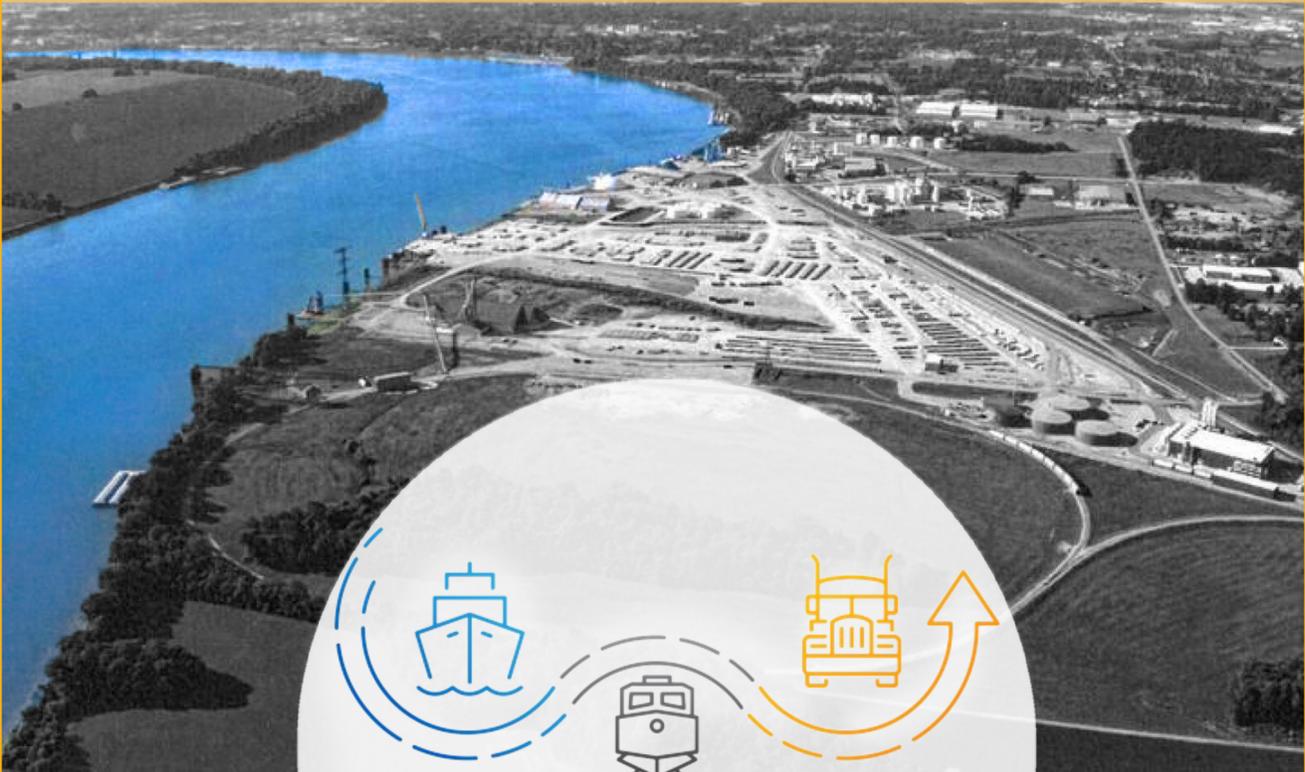


PORT PROFILES



KENTUCKY RIVERPORTS, HIGHWAY
& RAIL FREIGHT STUDY

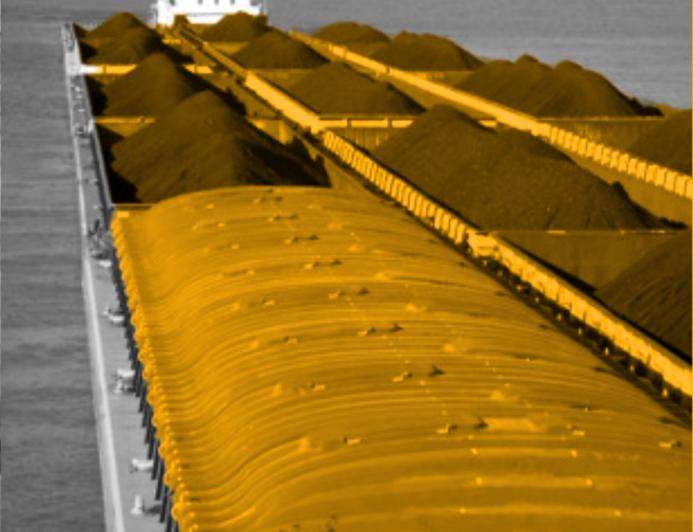


TABLE OF CONTENTS

PORT PROFILES

Eddyville Riverport & Industrial Development Authority	3
Greenup-Boyd County Riverport Authority	5
Henderson County Riverport Authority	7
Hickman-Fulton County Riverport Authority	9
Louisville Riverport Authority	11
Maysville-Mason County Riverport Authority	13
Meade County Riverport Authority	15
Northern Kentucky Port Authority	17
Owensboro Riverport Authority	19
Paducah-McCracken County Riverport Authority	21
Western Kentucky Regional Riverport Authority	23

EDDYVILLE RIVERPORT & INDUSTRIAL DEVELOPMENT AUTHORITY

978 Old Railroad Road
Eddyville, KY 42038
270-388-9671
www.eddyvilleriverport.com

KEY FEATURES:

- Placid water environment with proximity to the Ohio River and Tennessee – Tombigbee Waterway
- Located within an established agricultural footprint supporting inbound grains and outbound fertilizers
- Only operating public riverport on the Cumberland River/Lake Barkley
- Terminal operations area offers 2,700 ft of linear water frontage
- 5 port operations acres; 20 tenant acres; 202 acres available
- 122 additional acres in the Eddyville Industrial Park served by the P&L short line railroad, ~ 5 miles from the port
- Annual cargo movement by water: \$7 billion, 56 million tons (region total)



WATERWAY:

Cumberland River mile 43
in Lyon County on the
Cumberland River/Lake Barkley



RAILROAD:

20-acre industrial park served
by P&L short-line railroad with
direct interchange with four
Class I railroads



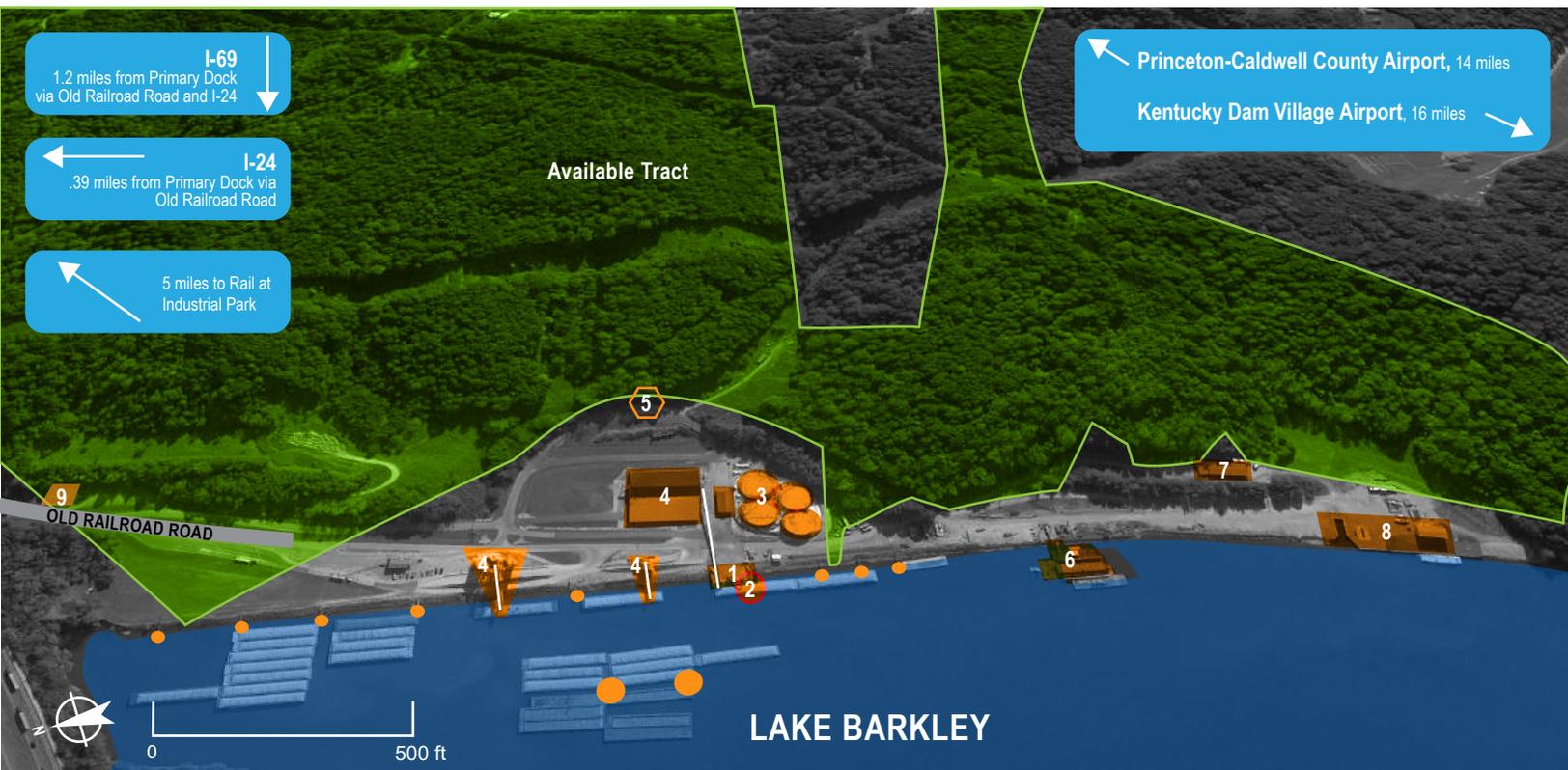
ROADWAY:

Located two miles from
US 62, adjacent to I-24,
within one mile of I-69



AVIATION:

Princeton-Caldwell County
Airport, 14 miles; Kentucky
Dam Village Airport, 16 miles



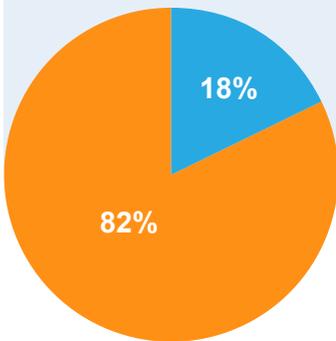
KEY FEATURES:

- | | | | | |
|-----------------|-----------------------------------|--------------------------|-------------------------------------|-----------------------|
| 1) Primary Dock | 3) Fertilizer Operations Facility | 5) Truck Scale | 7) Fish Processing Facility | 9) Riverport Office |
| 2) Crane | 4) Grain Handling Facilities | 6) Barge Repair Facility | 8) Boat Storage and Repair Facility | ●) Additional Mooring |
| | | | | ↘) Conveyor Belt |



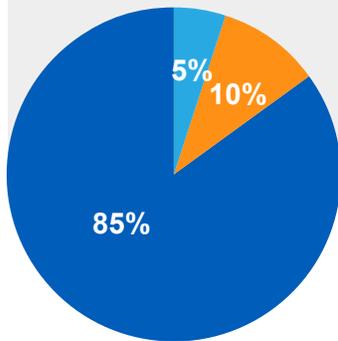
BARGE CARGO:

Coal, petroleum products, fertilizers, construction materials, agricultural commodities, metal scrap, and chemicals



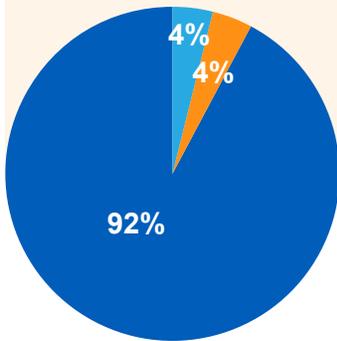
RAIL CARGO:

Consumer goods, grain, agricultural commodities, construction materials, coal, and petroleum products



TRUCK CARGO:

Agricultural commodities, construction materials, consumer products, coal, petroleum products, and beverages



FUTURE INFRASTRUCTURE INVESTMENT

FY 22
Dock Tieback Repairs
\$253,000



CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = **INBOUND** | **OUTBOUND** | **THROUGH**

PORT FACILITY INFRASTRUCTURE

Port Tenants: Agri Chem, Hu-B, Ky Fish Center, Gavilon, Paducah Barge, and Rottering Marine

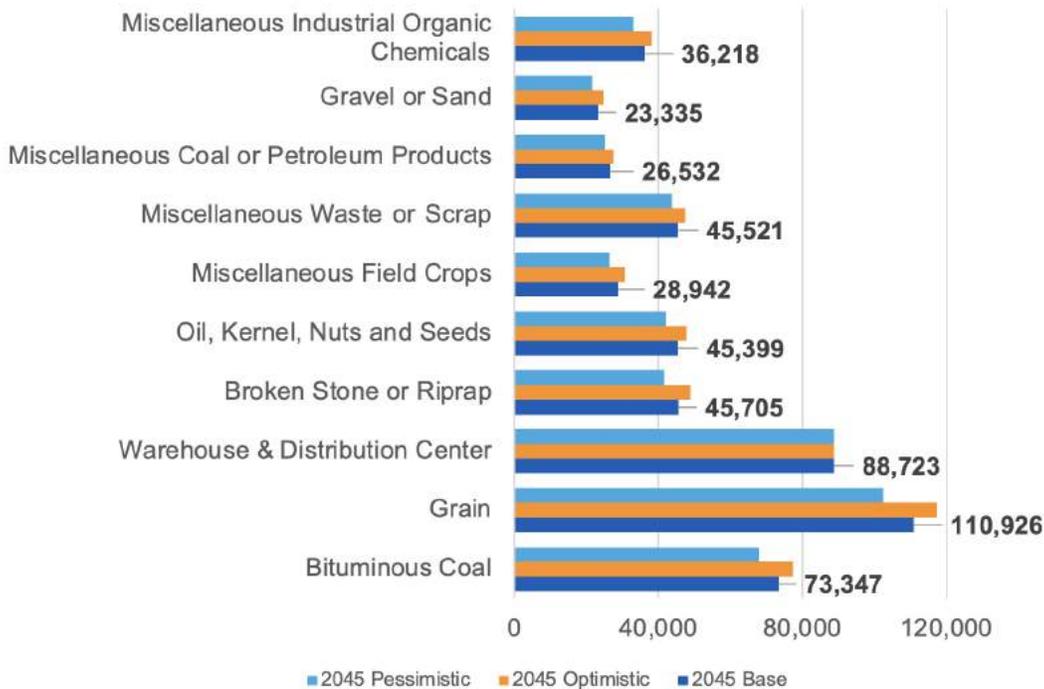
Industrial Park Tenants: DHL, BGB Trucking, Inc.

Storage and Warehouse:

The grain facility can store about 70,000 bushels and contains a truck scale, two truck dump pits, and two conveyor systems. An adjacent hardstand area is used for seasonal corn storage, averaging 630,000 bushels.

Regional Workforce: The largest industries are public administration (146 people), accommodation and food services (143 people), and retail trade (135 people) for a total of 885 employees. The highest paying industries are construction (\$71,458), manufacturing (\$54,750), and transportation, warehousing, and utilities (\$43,375). *Source: datausa.io*

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

GREENUP-BOYD COUNTY RIVERPORT AUTHORITY

2800 Louisa Street, PO Box 423
 Catlettsburg, KY 41144
 606-473-6440
www.kentuckyriverports.com/
kentucky_riverports/greenup-boyd_county/

KEY FEATURES:

- 29 acres; 14 developed; 15 available
- 1,120 ft of linear river frontage
- Intermodal connectivity to Columbus, Ohio via CSX and US23

- East Park, an existing developed industrial park, is located 14 miles away at KY-67 and I-64 allowing for multi-modal options to support future industrial needs and development



WATERWAY:
Ohio River mile 332



RAILROAD:
CSX Class I railroad;
near the Norfolk Southern
Railroad Class I railroad



ROADWAY:
One mile from US-23 and
connecting to KY-67 with
access to I-64



AVIATION:
Two miles east of
Ashland Regional Airport



OHIO RIVER

MILE 332



KEY FEATURES:

- | | | | | |
|-----------------|-----------------------------------|-------------------------------------|------------------------------------|-----------------|
| 1) Primary Dock | 3) Warehouses | 6) Concrete Supplier | 9) Industrial Cleaning Service | 12) Truck Scale |
| 2) Crane | 4) Industrial Minerals Processing | 7) Shipping Container Manufacturing | 10) Foam and Textile Manufacturing | 13) Salt Dome |
| | 5) Molten Metal Manufacturing | 8) Modular Security System | 11) Wastewater Treatment Plant | ••••• Rail |



FUTURE INFRASTRUCTURE INVESTMENT

FY 22/23

Warehousing (20,000 plus square feet) - Qty 2
\$800,000

FY 22/23

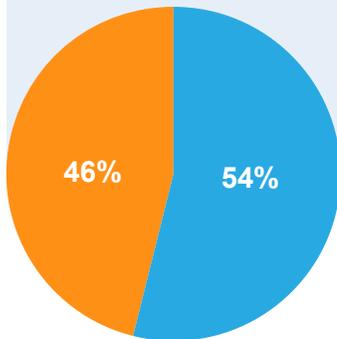
4 Mooring Dolphins
\$400,000



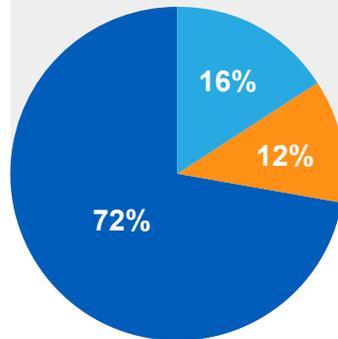
FY 22/23

2-4 mooring piers
\$200,000

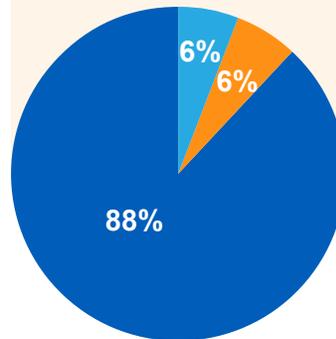
BARGE CARGO:
Coal, construction materials, petroleum products and crude, chemicals, metal scrap, and iron ore



RAIL CARGO:
Coal, construction materials, petroleum products, chemicals, agricultural commodities, and consumer goods



TRUCK CARGO:
Construction materials, petroleum products, chemicals, agricultural commodities, consumer goods, and forest materials



CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = **INBOUND** | **OUTBOUND** | **THROUGH**

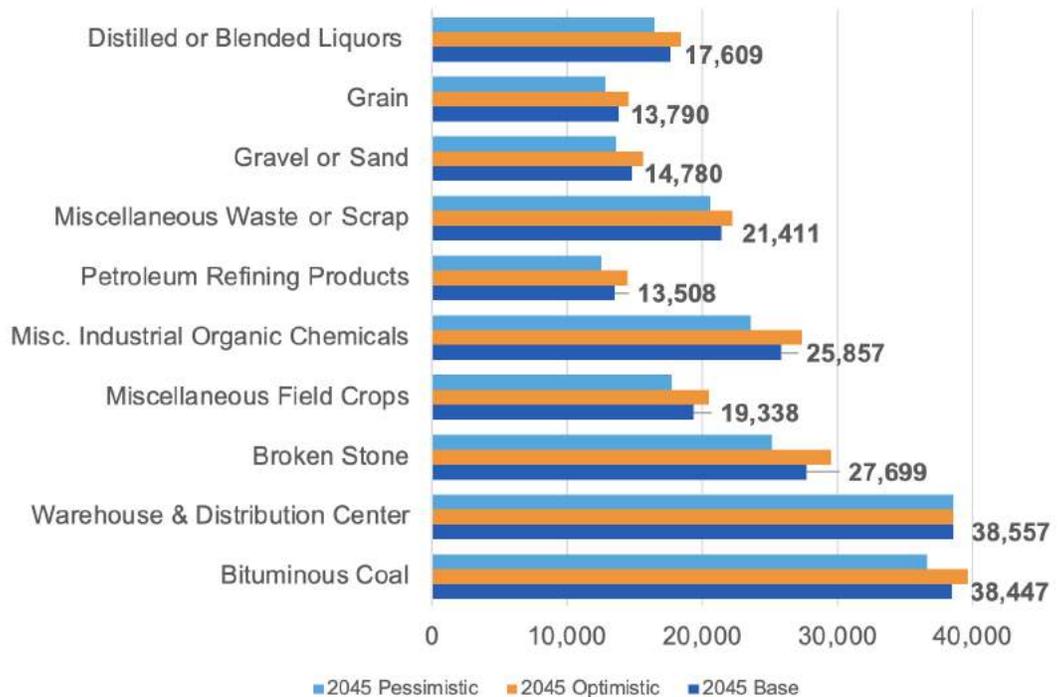
PORT FACILITY INFRASTRUCTURE

Existing Buildings and Equipment: One terminal; one berth; one stationary steel ramp; one general cargo/commodity handling dock with two steel dolphins for barge tie-off; one work barge with an excavator type crane that ties to the dolphins; one 25,000 sq ft storage warehouse

Tenants: Vesuvias USA, Great Lakes Minerals, General Concrete, Appalachian Fuels

Regional Workforce: Wurtland employs 435 people with the largest industries being in health care and social assistance (88 people), construction (70 people), and manufacturing (45 people). The highest paying industries are transportation and warehousing (\$50,481), transportation, warehousing and utilities (\$50,288), and professional, scientific, and management, and administrative and waste management services (\$46,250). Source: *datausa.io*

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

HENDERSON COUNTY RIVERPORT AUTHORITY



6200 Riverport Road
Henderson, KY 42420
270-826-1636
www.HendersonPort.com

KEY FEATURES:

- Annual freight movement: \$8.3 billion, 47 million tons (region total)
- 236 acres; 93.5 available for development
- Additional 185 acres available for future industrial development
- 4,000 ft of linear river frontage
- 42,000 sq ft of open dock space
- 24/7 cargo handling for both bulk and packed products
- Foreign trade zone



WATERWAY:
Ohio River mile 808;
J.T. Myers Pool



RAILROAD:
12,800 ft of Class I rail,
4 spurs, CSX Railroad



ROADWAY:
KY 136 and KY 425
connect to I-69



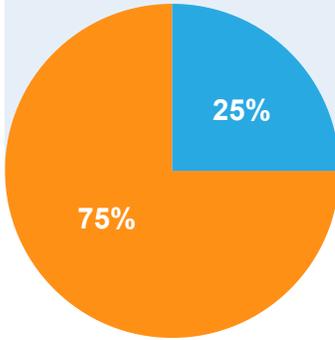
AVIATION:
Henderson City/County Airport
one mile west of the riverport;
5,500 ft paved runway





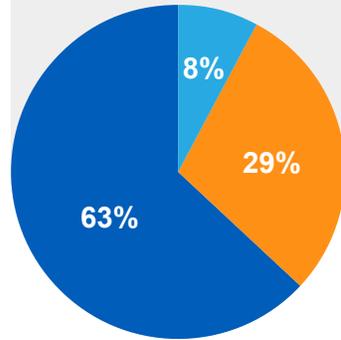
BARGE CARGO:

Coal, agricultural commodities, petroleum products, chemicals, construction materials, and fertilizers



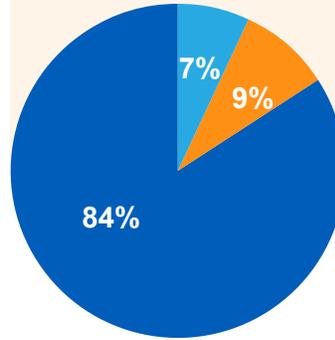
RAIL CARGO:

Coal, grain, agricultural commodities, fertilizer, consumer goods, iron and steel, construction materials, and petroleum products



TRUCK CARGO:

Agricultural commodities, construction materials, coal, food products, chemicals, and consumer goods



CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = INBOUND | OUTBOUND | THROUGH

FUTURE INFRASTRUCTURE INVESTMENT

FY 23/24
Build additional Warehouse
\$1,000,000

FY 24/25
Purchase Mobile Crane
\$3,000,000



FY 25/26
Expand Marine Dock
\$12,000,000

PORT FACILITY INFRASTRUCTURE

Waterside: One terminal; four docks (two with conveyor belts); switching and fleet services available around the clock

Equipment: 125-ton electrical pedestal crane for loading barge, truck, or rail; 10 forklifts; three loaders; loading capacity of 800 tons per hour through system with truck scales

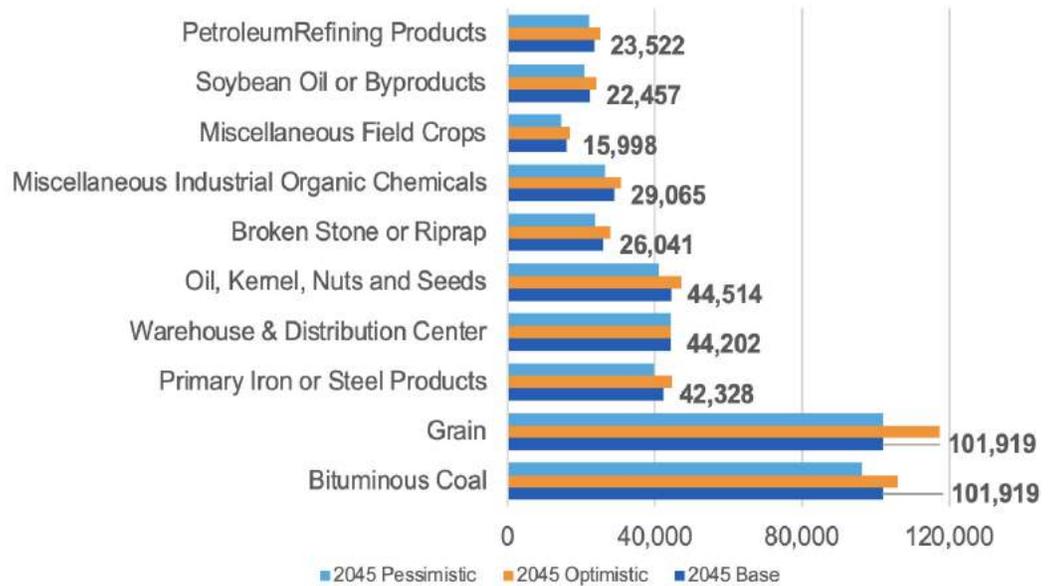
Storage and Warehouse: Three 135-foot fertilizer domes with liquid or dry storage capabilities of up to 33,000 tons; four warehouses with a total of 60,000 sq ft

Laydown Space: Five acres

Long-Term Tenants: Eastern Alloys, Hydro Aluminum, Security Seeds

Regional Workforce: The most common occupations in Henderson County are production (2,430), office and administrative support (2,270), and sales (1,828). Source: datausa.io

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

HICKMAN-FULTON COUNTY RIVERPORT AUTHORITY

625 Catlett Street, PO Box 6
 Hickman, KY 42050
 270-236-2563
www.hickmanriverport.com

KEY FEATURES:

- Only Kentucky riverport operating on the Mississippi River
- Located on 10 acres of land
- Multi-purpose general cargo dock
- American 9720 pedestal crane with 125-ton capacity (bulk)
- Fleet of forklifts, front end loaders, trucks, and trailers
- Primary business: fertilizer, pet coke, grain, steel wire rod, steel shapes, general cargo
- 1,400 ft linear river frontage



WATERWAY:

Mississippi River mile 922;
 Elvis J. Stahr Harbor



RAILROAD:

Class I and Class II rail with the
 TennKenn Railroad Company
 short line railroad connecting
 to the CN Class I railroad



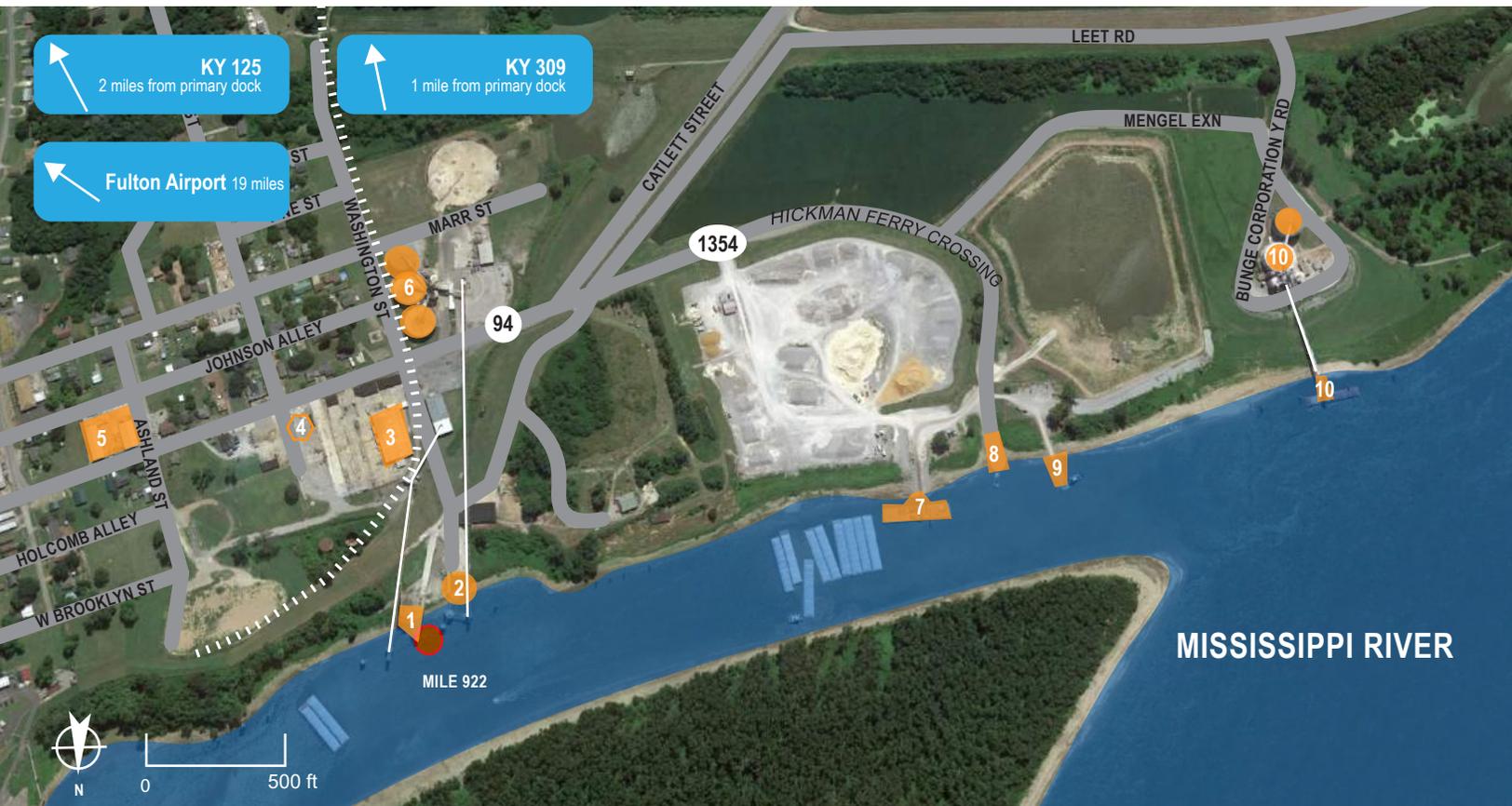
ROADWAY:

KY 94, with access routes
 via KY 125, KY 166, and
 KY 309 and ferry service



AVIATION:

Fulton Airport is located
 approximately 19 miles SE
 of the riverport



KEY FEATURES:

- 1) Primary Dock ● Crane
- 2) Grain Elevators

- 3) Food Products Supplier
- 4) Truck Scale
- 5) Port Office & Storage Building

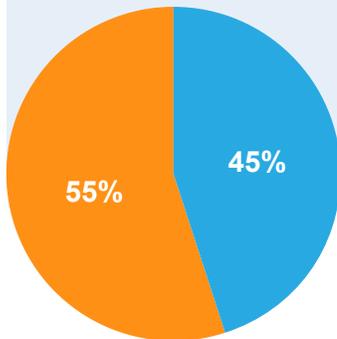
- 6) Grain Elevator
- 7) Aggregate Terminal
- 8) Ferry

- 9) Boat Repair Dock
- 10) Grain Elevator
-) Conveyor Belt
- ⋯) Rail Lines



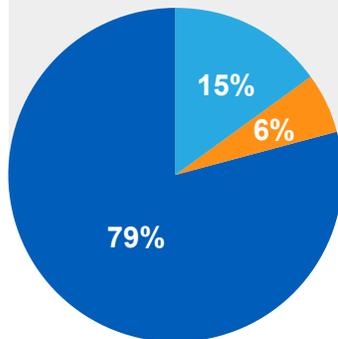
BARGE CARGO:

Agricultural commodities, petroleum products, chemicals, fertilizer, coal, construction materials, and metal scrap



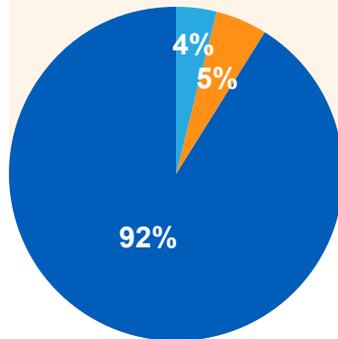
RAIL CARGO:

Coal, grain, agricultural commodities, consumer goods, construction materials, chemicals, and plastics



TRUCK CARGO:

Agricultural commodities, construction materials, chemicals, and consumer goods



CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = **INBOUND** | **OUTBOUND** | **THROUGH**

FUTURE INFRASTRUCTURE INVESTMENT

FY 22
Front end Loader
\$272,530

FY 21/22
Upgrade 1200 ft Port
Owned Conveyor (Cargill current user)
\$2,500,000



FY 25/26
New Rail Terminal in Fulton
\$10,000,000

PORT FACILITY INFRASTRUCTURE

Existing Buildings and Equipment: Cargo dock with 22-ft-wide approach bridge; 3,000 sq ft staging area; and stationary conveyor system to transport granular coke from barge to warehouse, with eventual loading to truck.

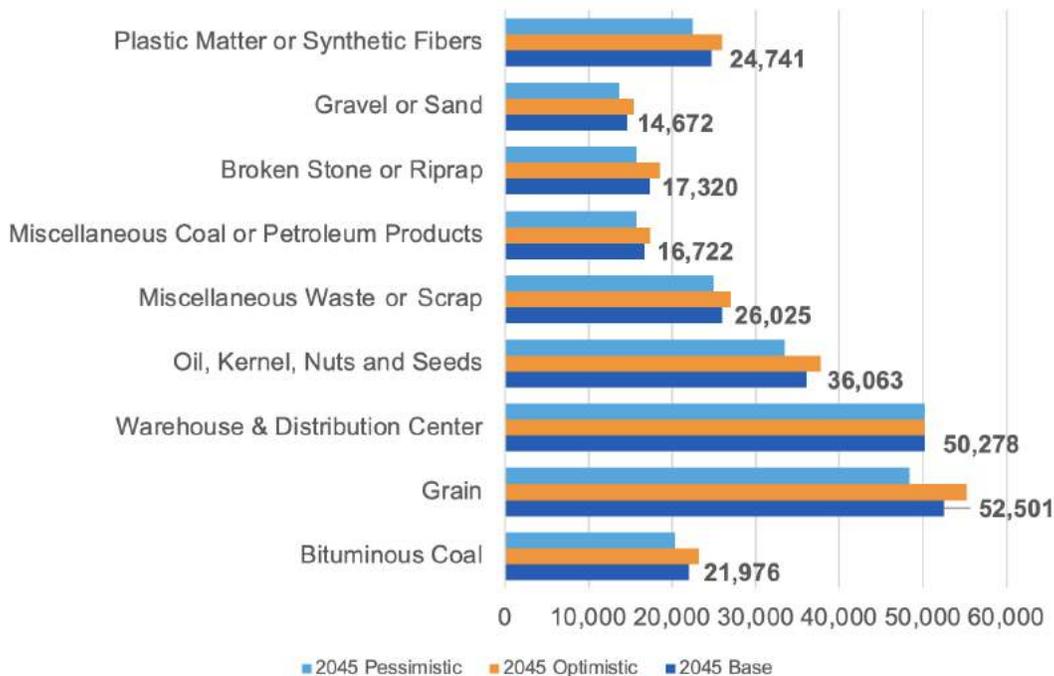
Tenants:

- Cargill Corp

Regional Workforce:

Hickman-Fulton County has a population of 2,320 with 698 employees and the median household income is \$27,772. Source: datausa.io

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

LOUISVILLE RIVERPORT AUTHORITY



6900 Riverport Drive, Suite A
Louisville, KY 40258
502-935-6024
www.LouisvilleRiverportAuthority.com

KEY FEATURES:

- Riverport Annual freight movement: 200,000 tons waterborne
- 1.5 miles of river frontage; 300 acres of general cargo dock
- Foreign Trade Zone #29 encompasses entire port and industrial park
- 2,000 acres; 1,500 sold
- Laydown space for bulk and break bulk on either side of levy
- UPS World Port operation (global hub) 13 miles via I-264 East



WATERWAY:
Ohio River mile 618;
McAlpine Pool



RAILROAD:
13 miles of rail on property,
connecting to CSX, NS, and
regional railroad PAL



ROADWAY:
The nearest interstate facility
is I-264, providing direct
access to both I-64 and I-65



AVIATION:
UPS Worldport hub carries
\$41B in packaged goods,
electronics, transportation and
medical equipment, and textiles



KEY FEATURES:

- 1) Primary Dock ● Crane
- 2) Fire Station

- 3) Public Boat Dock
-) Conveyor Belt
- ⋯) Rail

- 4) Main Office
-) Mooring Cells

Tenants include storage, warehouse, chemical, and production facilities, as well as manufacturing, logistics, services, technology, and fulfillment companies.



FUTURE INFRASTRUCTURE INVESTMENT

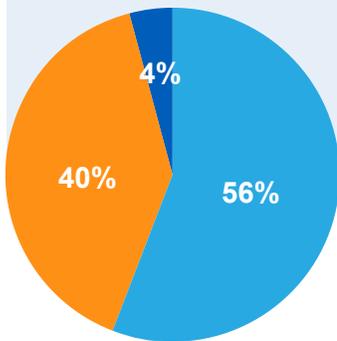
FY 21/22
Rail Improvements/added infrastructure
\$500,000

FY 22
Construction of Tangent Connection at Loop
\$357,606

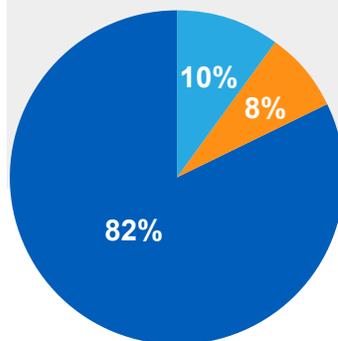


FY 23/24
Warehouse/Covered Storage/Improved Laydown Yard
\$12,000,000

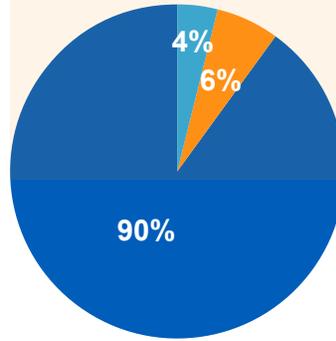
BARGE CARGO:
Coal, construction materials, petroleum and crude products, grain and fertilizer, chemicals, and metal scrap



RAIL CARGO:
Coal, construction materials, consumer goods, grain, iron and steel, motor vehicles, chemicals, and petroleum products



TRUCK CARGO:
Consumer goods, agricultural commodities, construction materials, chemicals, and plastics



CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = **INBOUND** | **OUTBOUND** | **THROUGH**

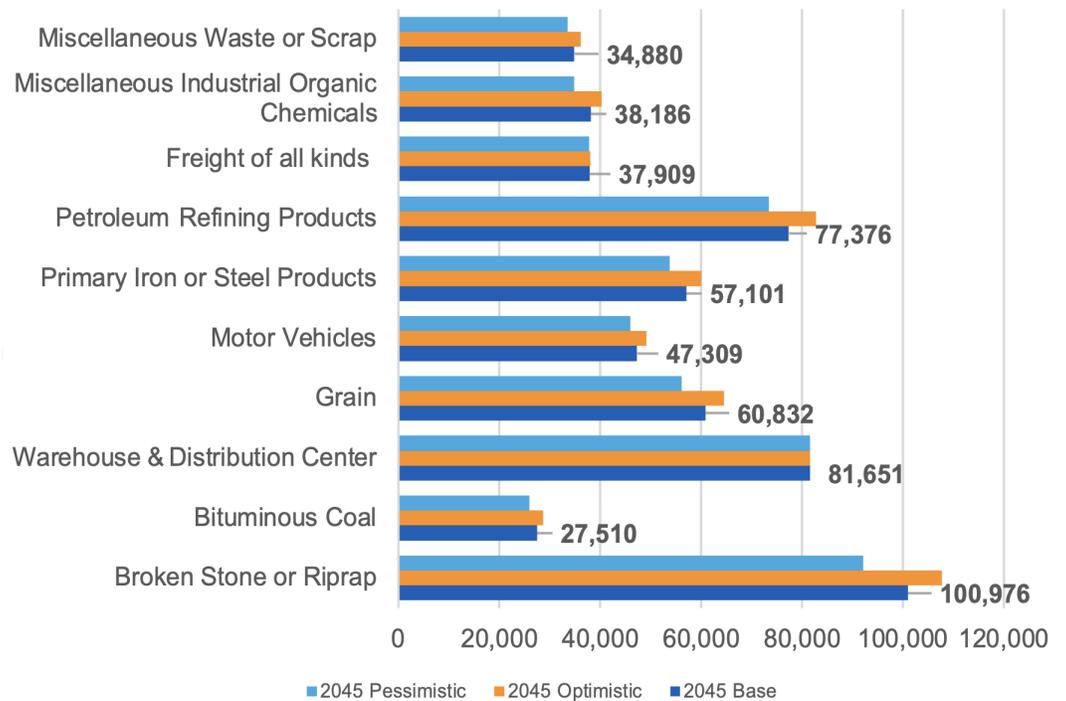
PORT FACILITY INFRASTRUCTURE

Facilities: One waterside bulk commodity transfer terminal; fleeting area for up to 60 barges; general cargo dock

Equipment: One 30-ton overhead crane for barge-to-truck and off-loading capabilities that is capable of handling 2,000 tons an hour; one locomotive; one loader

Regional Workforce: A large portion of the workforce is in trade, and transportation and utilities (152.7K) and manufacturing (81.8K). The 2020 unemployment rate was 5 percent. *Source: Bureau of Labor Statistics, Feb. 2021*

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

MAYSVILLE- MASON COUNTY RIVERPORT AUTHORITY



Riverport in Development
219 Stanley Reed Court Street
Maysville, KY 41056
606-654-2510
[www.cityofmaysville.com/
industrial-development](http://www.cityofmaysville.com/industrial-development)

KEY FEATURES:

- Recommended site: Charleston Bottom area, just north of the US 68 William Harsha Ohio River bridge
- Easy rail and highway access with two bridges
- 140 acres to accommodate a 150-car rail track turnaround
- Facilities would be located on a high flood plain with low flood water impacts
- Deep waterway bank access for mooring opportunities

REGIONAL COMMODITY GROWTH FORECAST:

- 1) Broken stone/riprap
- 2) Mixed consumer products
- 3) Grain
- 4) Iron or steel products
- 5) Industrial chemicals
- 6) Waste and scrap



WATERWAY:
Ohio River mile 406-413
Meldahl Pool



RAILROAD:
Class I – CSX and Class III
– Transkentucky
Transportation coal line



ROADWAY:
North of US 68 and near
US 62 with connections
to I-75 and I-64



AVIATION:
Fleming-Mason Airport
is 10 miles south



Fleming-Mason
Airport
10 miles

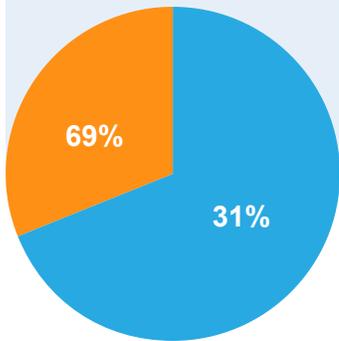
I-64 48 miles
I-75 33 miles

Proposed Site



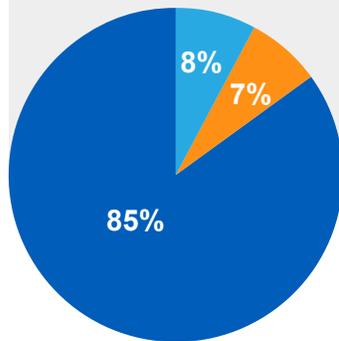
BARGE CARGO:

Coal, agricultural commodities, petroleum products, chemicals, construction materials, and fertilizers



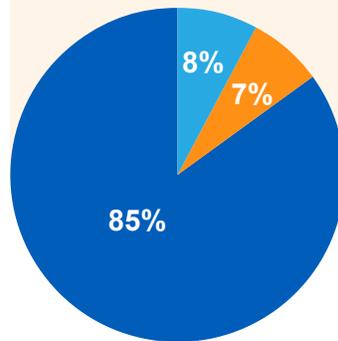
RAIL CARGO:

Coal, grain, agricultural commodities, fertilizer, consumer goods, iron and steel, construction materials, and petroleum products



TRUCK CARGO:

Agricultural commodities, construction materials, coal, food products, chemicals, and consumer goods



FUTURE INFRASTRUCTURE INVESTMENT

FY 25/26
1000 acres near Dover
\$4,000,000

FY 25/26
350 acres for International Paper Plant
\$1,000,000

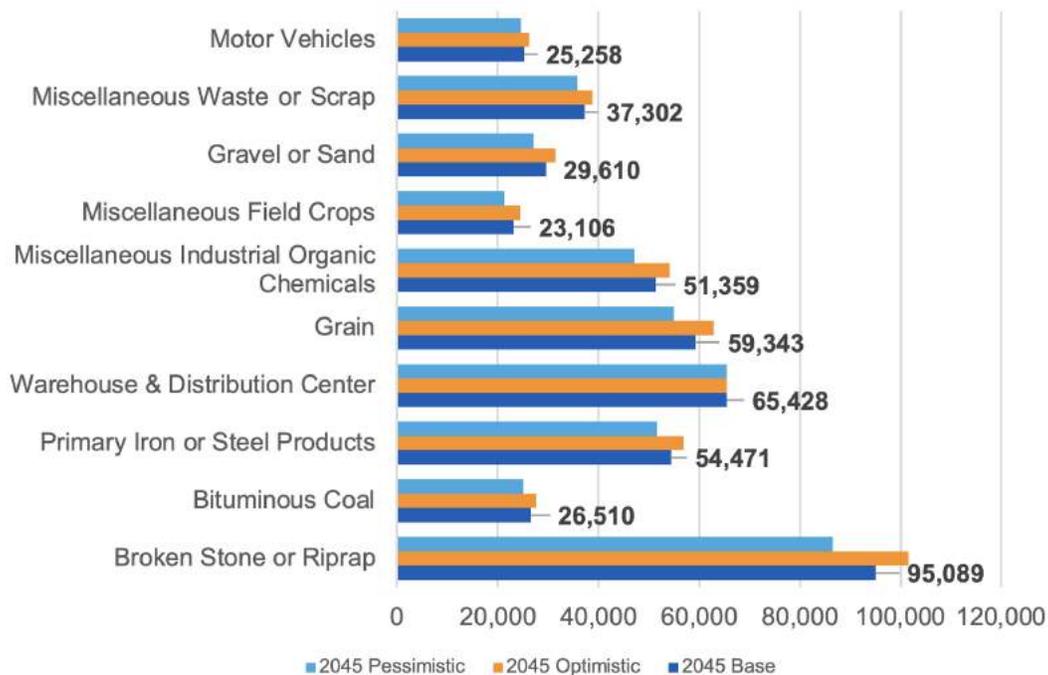


CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = **INBOUND** | **OUTBOUND** | **THROUGH**

PORT FACILITY INFRASTRUCTURE

Regional Workforce: As of 2019, the population of Maysville was 8,782 with 3,274 people employed. The median household income is \$35,102.

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

MEADE COUNTY RIVERPORT AUTHORITY



Riverport in Development
79 Broadway, PO Box 489
Brandenburg, KY 40108
270-422-5627
www.mcbedky.org

KEY FEATURES:

- Consolidated Grain and Barge's facility handled about 12 million bushels per season, generating \$60 million annual economic impact in surrounding communities
- Industries served: grain, wheat, corn, soybeans
- Supporting regional agricultural markets
- The nearest alternative ports are in Owensboro, KY, and in Clark County, IN
- Nucor bought facility from Consolidated Grain and Barge

REGIONAL COMMODITY GROWTH FORECAST:

- 1) Broken stone/riprap
- 2) Mixed consumer products
- 3) Petroleum products
- 4) Grain
- 5) Motor vehicles
- 6) Iron or steel products



WATERWAY:

Ohio River mile 646;
Cannelton pool



RAILROAD:

Potential re-connection to the nearby CSX Class I railroad



ROADWAY:

KY 313 provides a direct route to I-65 south and I-64 north



AVIATION:

Louisville International is 29 miles away





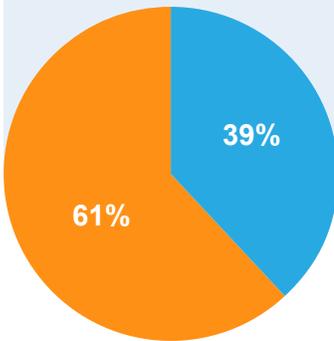
FUTURE INFRASTRUCTURE INVESTMENT

FY 22/23
Grain Elevator
\$12,000,000



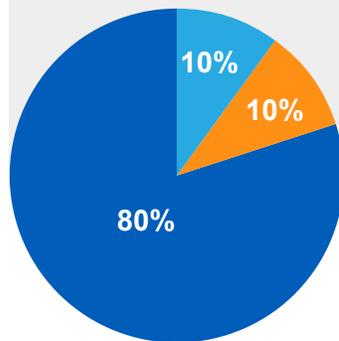
BARGE CARGO:

Petroleum products, construction materials, agricultural commodities, fertilizer, forest products, ores, and metal scrap



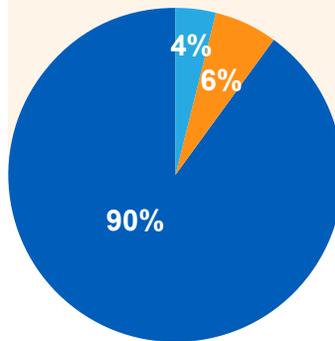
RAIL CARGO:

Construction materials, coal, consumer goods, grain, agricultural commodities, motor vehicles and parts, petroleum products, iron and steel, and chemicals



TRUCK CARGO:

Construction materials, agricultural commodities, chemicals, petroleum products, and consumer goods



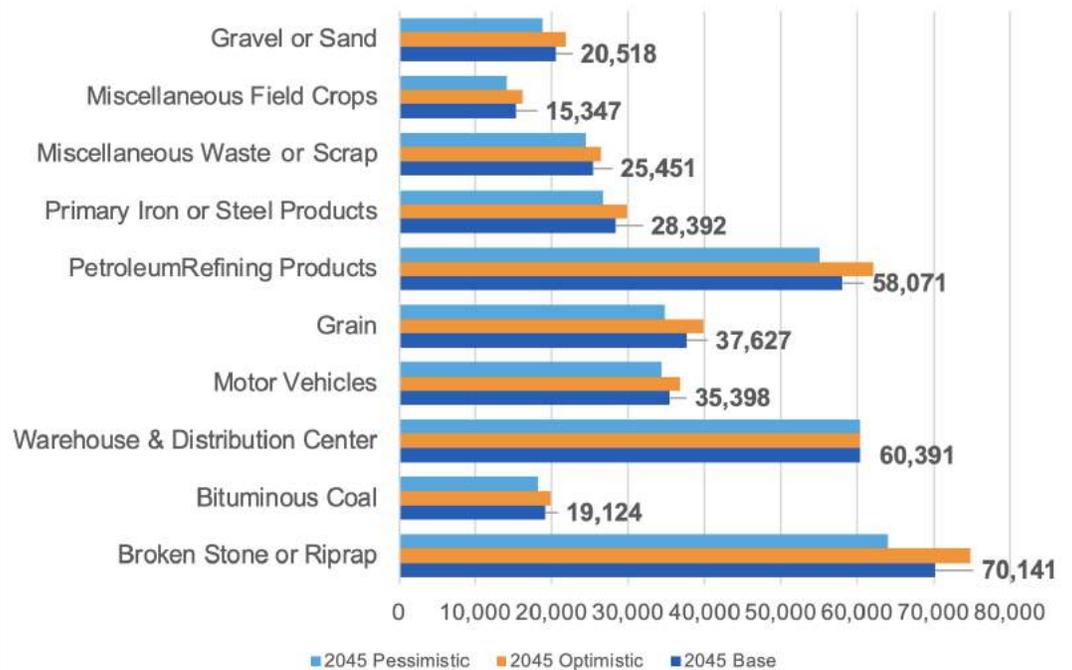
CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = **INBOUND** | **OUTBOUND** | **THROUGH**

PORT FACILITY INFRASTRUCTURE

Tenants: Nucor Steel is currently building a 1.5M sq ft facility at the former Consolidated Grain and Barge port site that is planned to open in 2022. The facility has 30 employees on site as of Sept. 30, 2020.

Regional Workforce: Meade County has 28,700 community residents and a median household income: \$58,000. *Source: datausa.io*

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

NORTHERN KENTUCKY PORT AUTHORITY


Northern Kentucky Port Authority
300 Buttermilk Pike, Suite 332
Fort Mitchell, KY 41071
859-344-0040
www.northernkentuckyusa.com

KEY FEATURES:

- Northern Kentucky Port Authority includes Boone, Campbell, and Kenton County in Northern Kentucky
- River mileage along Boone, Campbell, and Kenton County is 72 miles
- Annual regional freight movement: \$36.6 million tons

REGIONAL COMMODITY GROWTH FORECAST:

- 1) Broken stone/riprap
- 2) Mixed consumer products
- 3) Iron or steel
- 4) Grain
- 5) Waste or scrap
- 6) Industrial chemicals



WATERWAY:

Ohio River (River Mile 444 to River Mile 516), Licking River



RAILROAD:

CSX Railroad
NS (Norfolk Southern)



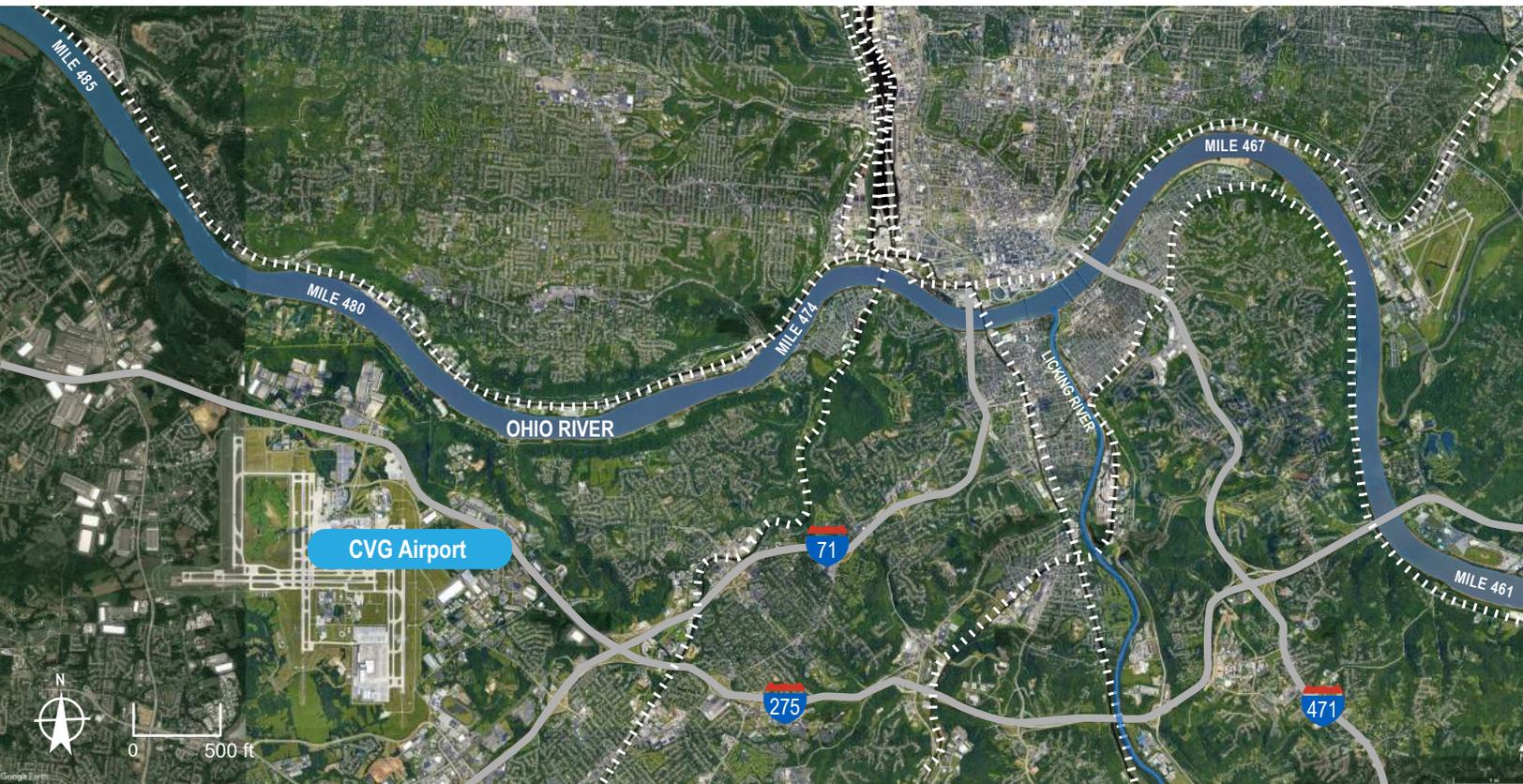
ROADWAY:

Access to I-71, I-75, I-471,
and I-275



AVIATION:

CVG is North America's
seventh largest cargo airport;
13.75 miles from the port





FUTURE INFRASTRUCTURE INVESTMENT

Regional Economic Study to Identify Port Projects

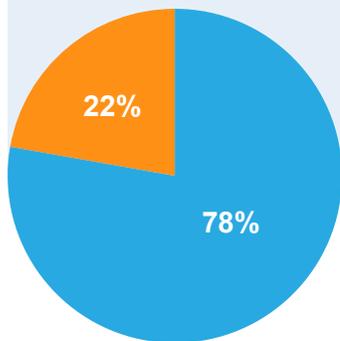
Kentucky 8 Highway Improvements



Licking River Development - Phase I

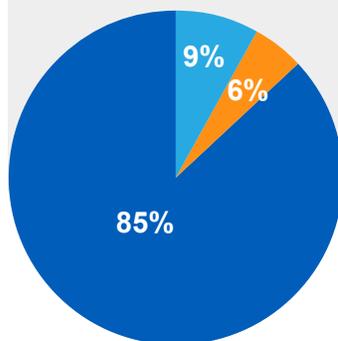
BARGE CARGO:

Petroleum products, construction materials, agricultural commodities, iron and steel, and metal scrap



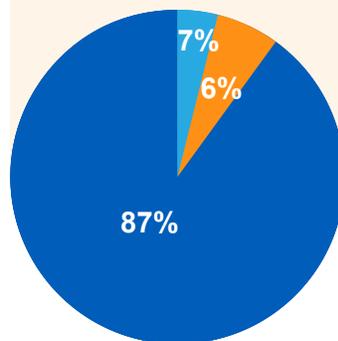
RAIL CARGO:

Construction materials, coal, consumer goods, grain, agricultural commodities, iron and steel, chemicals, and motor vehicles



TRUCK CARGO:

Construction materials, agricultural commodities, consumer products, petroleum products, and beverages



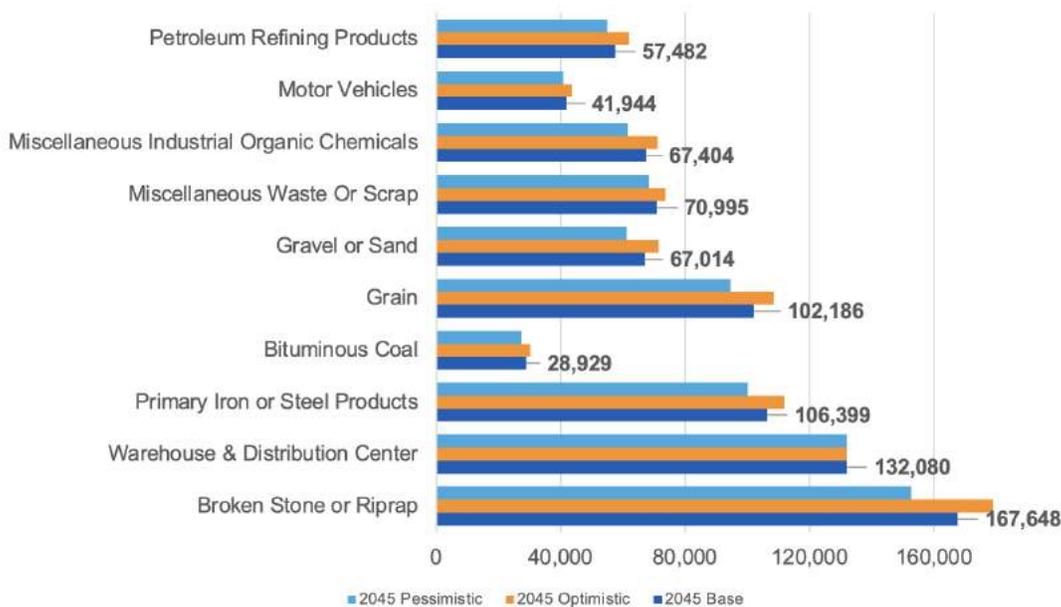
CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = INBOUND | OUTBOUND | THROUGH

PORT FACILITY INFRASTRUCTURE

Existing Waterside

Conditions: 68 docks and terminals on the Ohio side, 54 docks and terminals on the Kentucky side and seven docks and terminals on the Licking River

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

OWENSBORO RIVERPORT AUTHORITY

1771 River Road
Owensboro, KY 42304
270-926-4238
www.OwensboroRiverport.com

KEY FEATURES:

- Annual freight movement: 1.2 million tons
- River frontage: 7,500 linear ft
- 340 acres; 95 available
- Approximately 181 acres of the port's 340-acre site is Foreign Trade Zone activated
- 21,500 ft of rail track with three delivery locations
- Designated as an aluminum delivery point for the London Metal Exchange and the Chicago Mercantile Exchange
- A homeland security port providing 24/7 security surveillance
- On-dock rail and transit warehouse within its gates as well as various laydown areas



WATERWAY:

Ohio River mile 759L;
Newburgh Pool



RAILROAD:

16,400 ft of Class 1 rail operated by CSX Railroad, including 5,700 ft of rail spur at Harbor Road



ROADWAY:

KY 331 connects to I-64 and I-65, and the future I-69



AVIATION:

Owensboro Airport 4.4 miles south of the riverport; 13,000 ft of paved runway



KEY FEATURES:

- | | | | | | | | | | | | | | | | |
|-----------------|---------------|-------------------|--------------|--------------------------|----------------|--------------------------|-------------------------------|----------------|-------------------------------------|----------------|------------------------|------------------|----------------------|-------------------|----------|
| 1) Primary Dock | 2) Cargo Dock | 3) Grain Elevator | 4) Warehouse | 5) Fertilizer Operations | 6) Dry Storage | 7) Polymer Manufacturing | 8) Agricultural Manufacturing | 9) Truck Scale | 10) Distribution Center/Port Office | 11) Warehouses | 12) Main Security Gate | 13) Bulk Milling | 14) Liquid Tank Farm | —) Conveyor Belt | ⋯) Rail |
|-----------------|---------------|-------------------|--------------|--------------------------|----------------|--------------------------|-------------------------------|----------------|-------------------------------------|----------------|------------------------|------------------|----------------------|-------------------|----------|

FUTURE INFRASTRUCTURE INVESTMENT

FY 22/23

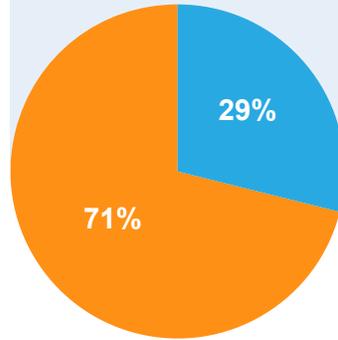
Rinaldo Road \$1,497,500

FY 25/26

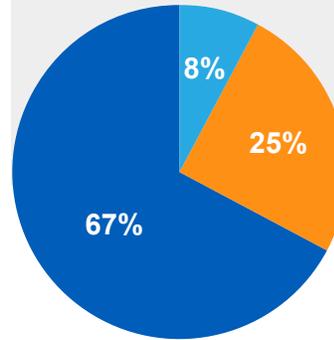
Replacement Material Handler \$1,795,000



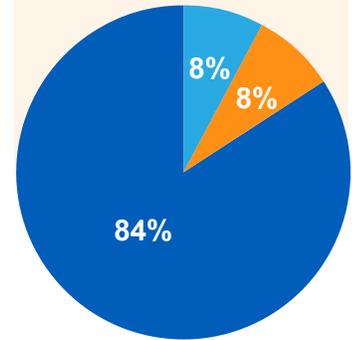
BARGE CARGO:
Coal, construction materials, agricultural commodities, fertilizers, aluminum, and petroleum products



RAIL CARGO:
Coal, grain, agricultural commodities, consumer goods, iron and steel, construction materials, and petroleum products



TRUCK CARGO:
Construction materials, agricultural commodities, consumer goods, coal, and petroleum products



PORT FACILITY INFRASTRUCTURE

Tenants: Nutrien Ag Solutions, Consolidated Grain and Barge Company, Dyno Noble, Dart Polymer, Evansville Marine Service

Equipment: Two material handlers on floating spud barges; 2016 mobile harbor crane with 84-ton capacity sitting atop a 210-ft heavy lift cargo dock; five truck scales

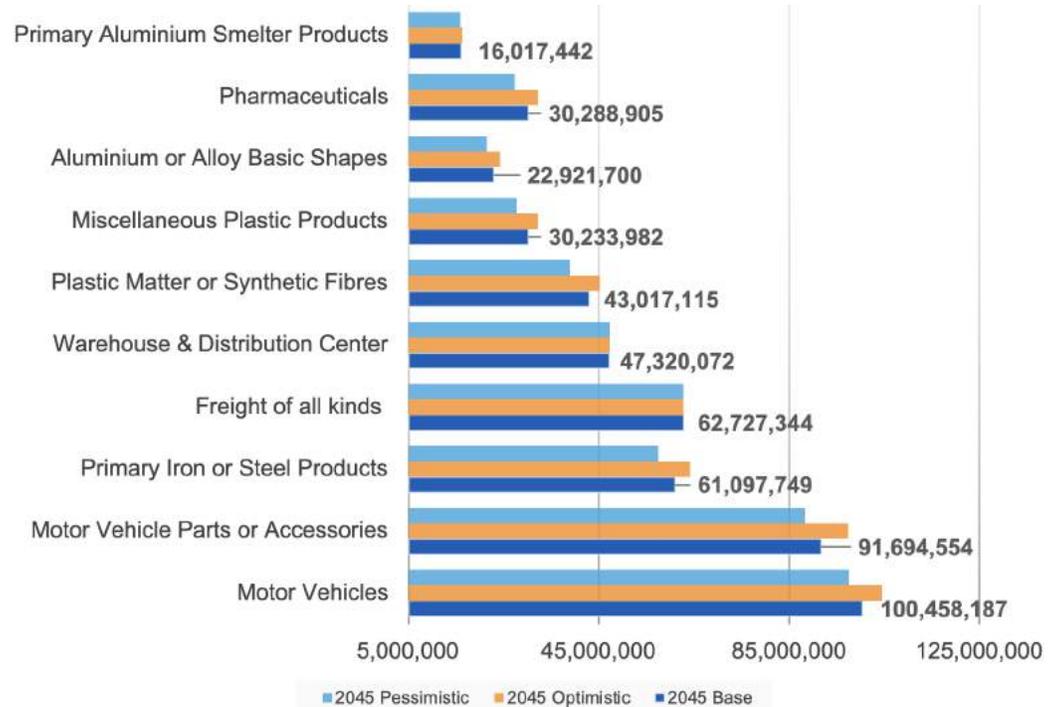
Open Storage Space:
100 acres

Storage and Warehouse:
Eight operational berths (with seven additional positions available); eight onsite warehouses with 500,000 total sq ft; 40,000 sq ft milling facility; 100 acres of paved or rock-based limestone gravel outdoor storage yards; multiple domed and building facilities totaling 24,200 tons for bulk storage; liquid chemical fertilizer tanks storing 33,100 tons; grain handling facility with a storage capacity of 800,000 bushels of grain

Regional Workforce:
The most common occupations in Owensboro include health care and social assistance (4,224 people), manufacturing (3,717 people), and retail trade (3,360 people) with 10 percent of the population in production occupations. *Source: datausa.io*

CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = INBOUND | OUTBOUND | THROUGH

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

PADUCAH-MCCRACKEN COUNTY RIVERPORT AUTHORITY

2000 Wayne Sullivan Dr., PO Box 2302
Paducah, KY 42002
270-442-9326
www.paducahriverport.org

KEY FEATURES:

- 2,300 ft in linear river frontage; 2 berths; multiple mooring facilities
- 48 acres; 38 for operations; 10 available
- 23 barge companies in the region have operating and/or corporate headquarters in the community

- Located at the crossroads of the inland river system offering options for both shipping and barge operators
- Selected as a site to build significant portions of the new \$63.6 million Cumberland Bridge at Smithland
- FY 21 PIDP Grant award (\$3.32 million for bulk yard upgrades)



WATERWAY:

Tennessee River mile 1.3-2.0 on the left descending bank of the Tennessee River, near its confluence with the Ohio River



RAILROAD:

The P&L short line railroad connects the BNSF, CN, and CSX Class I railroads in the greater Paducah region



ROADWAY:

Four-lane route connects with US-60 and US-62 only one mile from the port; I-24 only four miles from the port



AVIATION:

Barkley Regional Airport is 14 miles west of Paducah



Barkley Regional Airport
14 miles

I-24
4 miles from Port

KEY FEATURES:

- 1) Bulk Commodity Berth
- 2) Crane

- 3) General Cargo Facility
- 4) Lay Down Areas
- 5) 20-Acre Bulk Commodity Facility

- 6) Port Office
- 7) Warehouses
- 8) Truck Scale

- 9) Tenants
- Conveyor Belt
- Rail

- 10) Material Handler

FUTURE INFRASTRUCTURE INVESTMENT

FY 23/24

Riverport West Development
(Land Acquisition and Facility Dev) \$50,000,000



PORT FACILITY INFRASTRUCTURE

Equipment: One Sennebogen Crane used to unload bulk materials; multiple 4.5 yd clam bucket for off-loading bulk aggregates; 30-inch belt conveyor; Linden Comansa 30LC1450 Flat Top Crane with lifting capacity of 53 tons; and a rolling fleet of loaders, forklifts, trucks, and portable conveyors including four rubber-tire loaders and 10 forklifts

Terminals: Two berthing facilities with one servicing general cargo and the other dedicated to bulk commodities. 80,000 sq ft hardened concrete staging/storage area with 53 ton Comansa crane for general cargo. One bulk commodity berth with Sennebogen 870-D material handler with conveyor transfer to a 20-acre storage yard

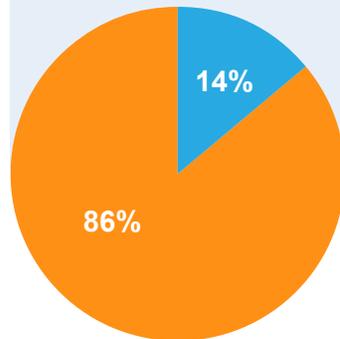
Open Storage Space: 80,000 sq ft

Storage and Warehouse: Two dock warehouses (9,600 sq ft and 2,000 sq ft) for short term storage; 20,000 sq ft storage warehouse; outside storage for sand and gravel and inside storage for fertilizer with a capacity of 14,000 net tons and two additional warehouses with a combined area of 70,000 sq ft for general cargo storage

Regional Workforce: Paducah has 10.6k employees with the largest industries in health care and social assistance (2,085 people), retail (1,403 people), and accommodation and food services (1,058 people). The highest paying industries are mining, quarrying, and oil and gas extraction (\$70,625), utilities (\$58,063), and construction (\$51,234). Source: *datausa.io*

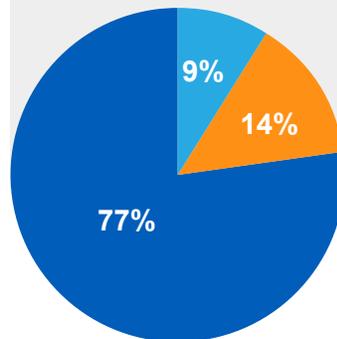
BARGE CARGO:

Coal, petroleum products, construction materials, agricultural commodities, fertilizers, and chemicals



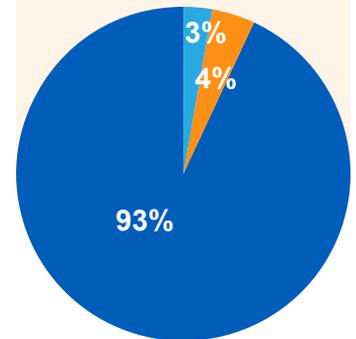
RAIL CARGO:

Coal, grain, agricultural commodities, consumer goods, construction materials, chemicals, iron, and steel



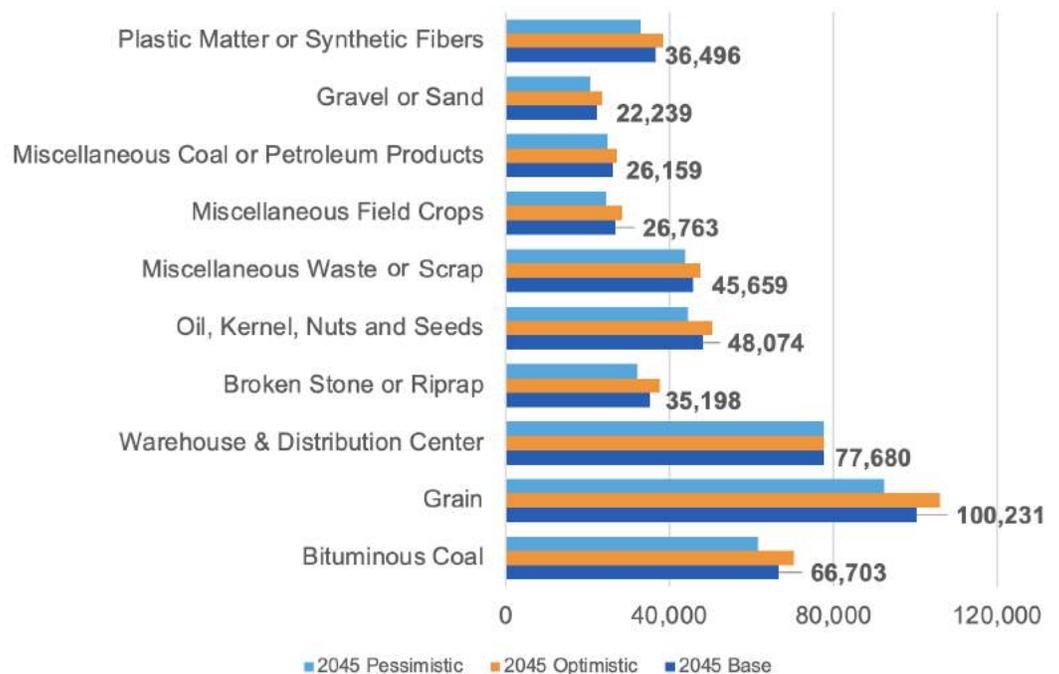
TRUCK CARGO:

Break bulk commodities, granular commodities, and grain



CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = INBOUND | OUTBOUND | THROUGH

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK

WEST KENTUCKY REGIONAL RIVERPORT AUTHORITY



Riverport in Development
 297 Kentucky Avenue
 Kevil, KY 42053
 270-217-6339

KEY FEATURES:

- Being developed as a public-private-partnership model
- Annual regional freight movement: \$1.9 billion, 1.2 billion tons
- Lock-free transit between the site and the Louisiana ports
- 69 available acres for new development at the confluence of the Mississippi and Ohio Rivers with an elevation of 340+ feet
- Regional effort via an interlocal agreement between Ballard, Carlisle, Hickman, and Fulton counties
- Over 300 acres of available land within 10 miles for manufacturing and distribution center development
- Access to high-speed internet via fiberoptic lines

REGIONAL COMMODITY GROWTH FORECAST:

- 1) Grain replaces coal
- 2) Mixed consumer products
- 3) Soybeans in oil, kernel, nuts, and seeds
- 4) Waste and scrap
- 5) Plastics and synthetics



WATERWAY:

Located on the Mississippi River (M-55) at RM 950.1



RAILROAD:

Class I – CN Railroad (BNSF, NS) for international shipments



ROADWAY:

Access to four highways (I-24, I-55, I-57, I-69) via US 60 and US 62



AVIATION:

Barkley Regional Airport (26 miles); Cape Girardeau Airport (42 miles)

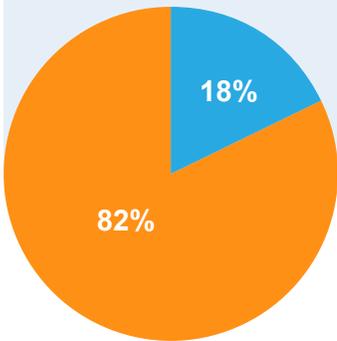


⋯ Rail ● Mooring Cells



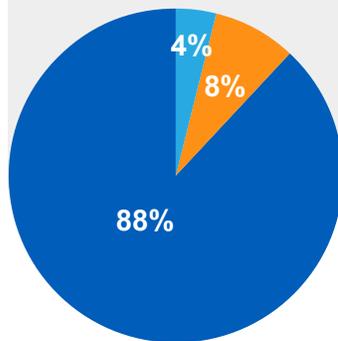
BARGE CARGO:

Grain, corn, soybean, fertilizers, raw materials, Kentucky beverages, petroleum products, chemicals, and construction materials



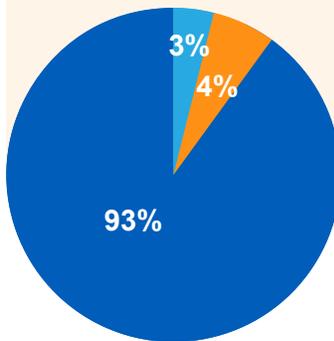
RAIL CARGO:

Coal, grain, oil kernels, nuts, seeds, agricultural commodities, and industrial gases



TRUCK CARGO:

Coal, petroleum products, fertilizers, chemicals, construction materials, and beverages



FUTURE INFRASTRUCTURE INVESTMENT

FY 22/23
Equipment
\$2,900,000

FY 22/23
Warehousing
(P3 Expansion Program)
\$9,300,000



FY 23/24
Equipment
\$1,700,000

CARGO MOVEMENTS BY MODE, 2018 HINTERLAND = INBOUND | OUTBOUND | THROUGH

PORT FACILITY INFRASTRUCTURE

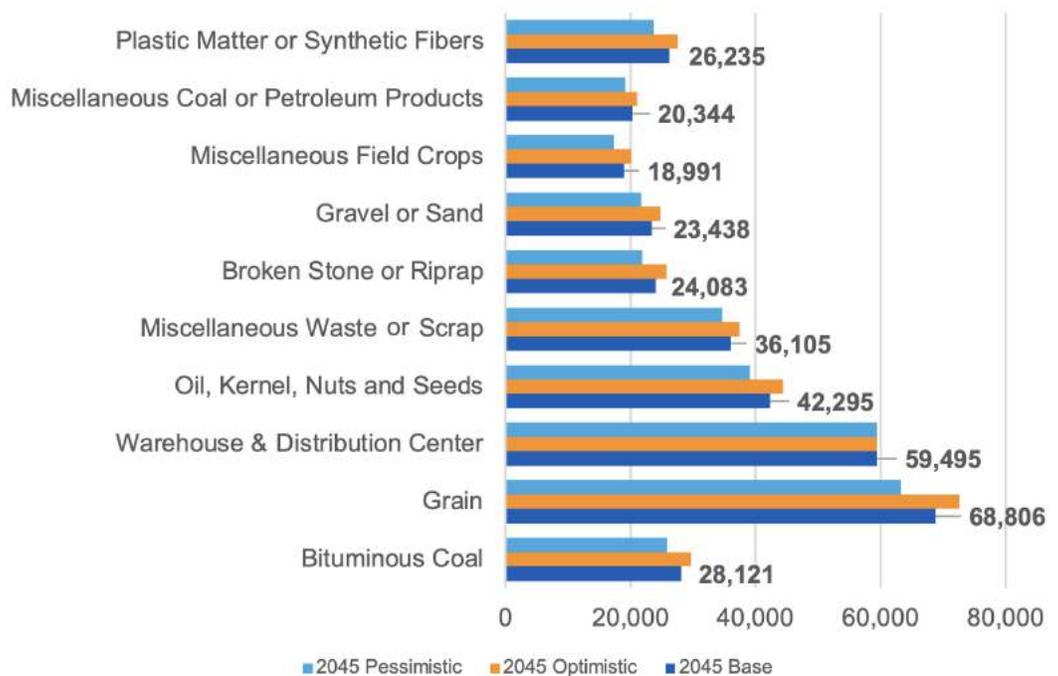
Existing Waterside

Conditions: Three in-stream Mississippi River mooring cells, located at approximately 950.1 river mile, with approximately 69 acres above historic flood levels, lock-free transit on the lower Mississippi River. Illinois is providing \$40M to establish a 450-acre riverport on the west side of the river near Cairo, upper Mississippi mile 5.7 at Eliza Point.

Regional Workforce: The Region is a Kentucky Certified Work Ready Community with our high school selected as a KDE District of Distinction. The most common jobs held by Wickliffe residents are production occupations (115 people), sales and related occupations (79 people), and food preparation and serving (29 people). The highest paid occupations include computer, engineering, science, construction, extraction, and transportation.

Source: datausa.io

Top Regional Commodities: Forecast Scenarios (Tons)



Based on 2018 Transearch Data



KENTUCKY RIVERPORTS, HIGHWAY & RAIL FREIGHT NETWORK