



EMSWORTH, DASHEILDS, & MONTGOMERY LOCKS AND DAM

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

The Pittsburgh District is home to the Upper Ohio River Lock and Dam system, defined as Emsworth, Dashiels and Montgomery (EDM). They were the first three navigation projects on the Ohio River, making them the oldest and smallest locks in the system. All are situated near Pittsburgh, PA.

Emsworth Locks and Dam

Emsworth Locks and Dam's main channel dam is located at river mile 6 near the towns of Emsworth, Avalon and Ben Avon, PA. The locks first opened in September 1921. The Corps rebuilt and converted the dam to a gate structure between 1935 and 1938. This action raised the pool an additional 7 feet to accommodate larger, more modern barges. From 1981-86, some \$30 million was invested in a major rehabilitation of the facility. Rehabilitation included the replacing of electrical systems, operating machinery and buildings and re-surfacing of the lock walls.



Dashiels Locks and Dam

Dashiels Locks and Dam is located on the left descending bank at river mile 13.3, a few miles upstream from Aliquippa, PA. It opened for navigation in August 1929.



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Montgomery Locks and Dam

Montgomery Locks and Dam is located on the left descending bank on a thickly forested length of the river at mile 31.7, about 5 miles downriver from Beaver, PA. It opened in June 1936.



Quick Facts

2012 Commercial Cargo Lockages:

- Emsworth: 3,600 - National Rank: 38
- Dashields: 4,297 - National Rank: 29
- Montgomery: 4,014 - National Rank: 31

2012 Tonnage (in thousands):

- Emsworth: 16,536 - National Rank: 48
- Dashields: 17,906 - National Rank: 42
- Montgomery: 18,759 - National Rank: 39

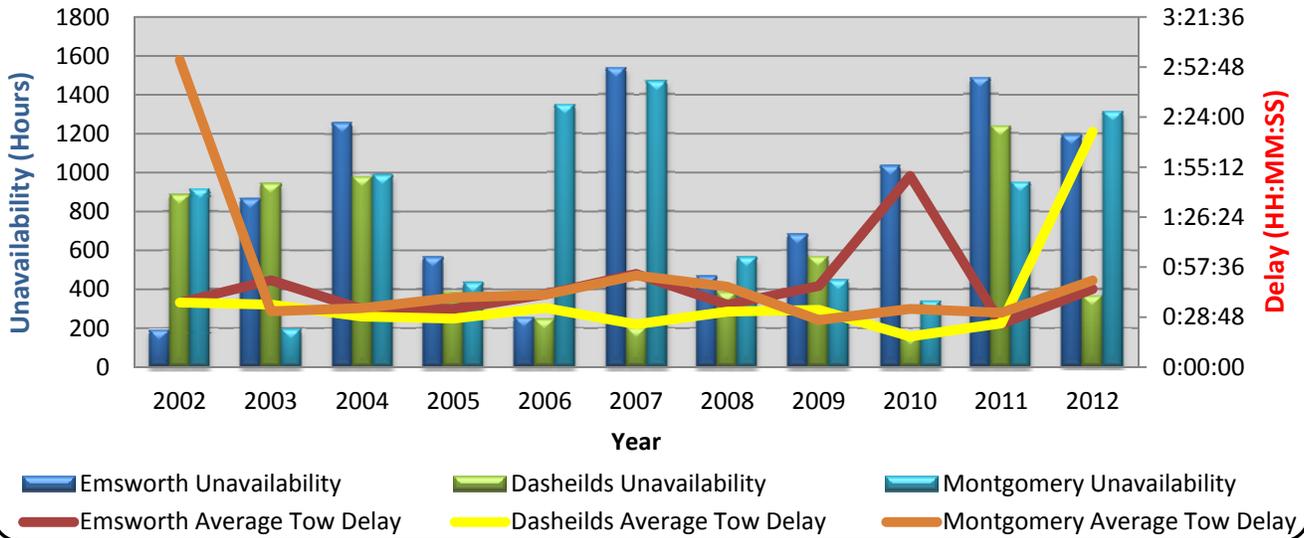
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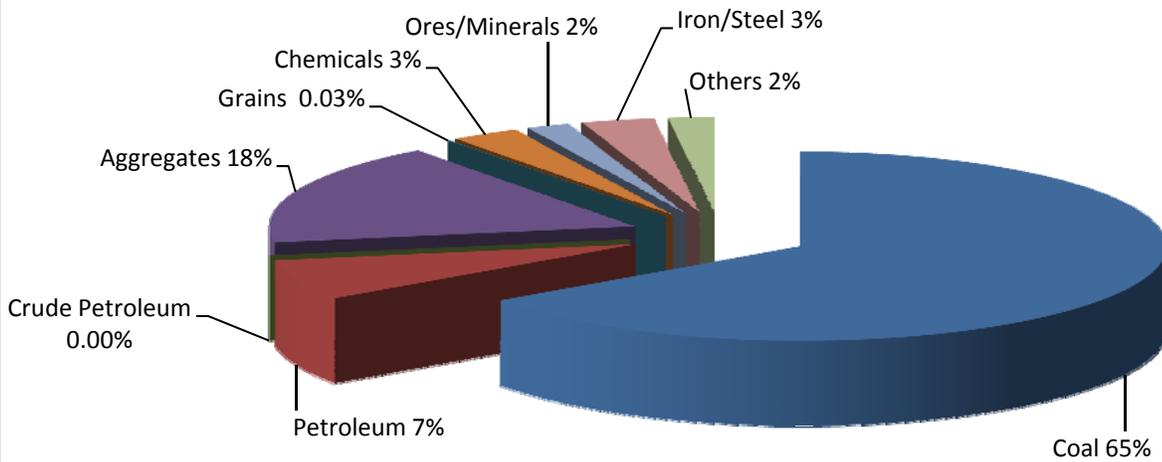
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EDM Locks Unavailability and Delay



2012 EDM Locks Commodity Distribution



Source: Waterborne Commerce Statistics

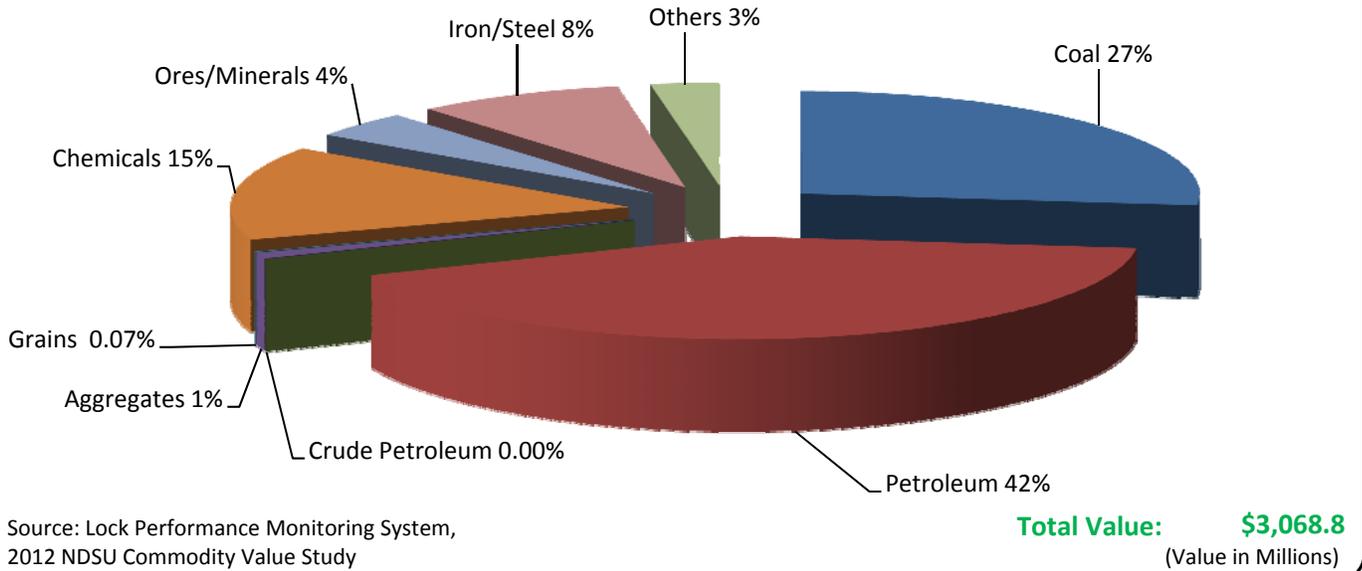
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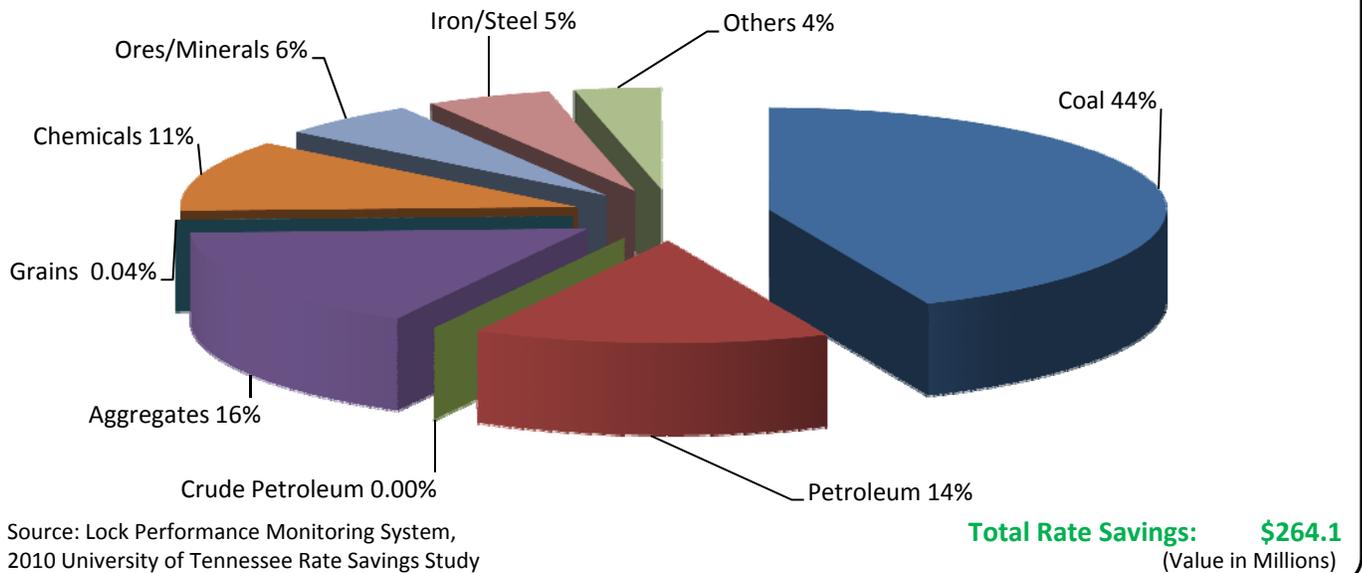
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2012 Value of Commodities Through EDM Locks



2012 Rate Savings Through EDM Locks

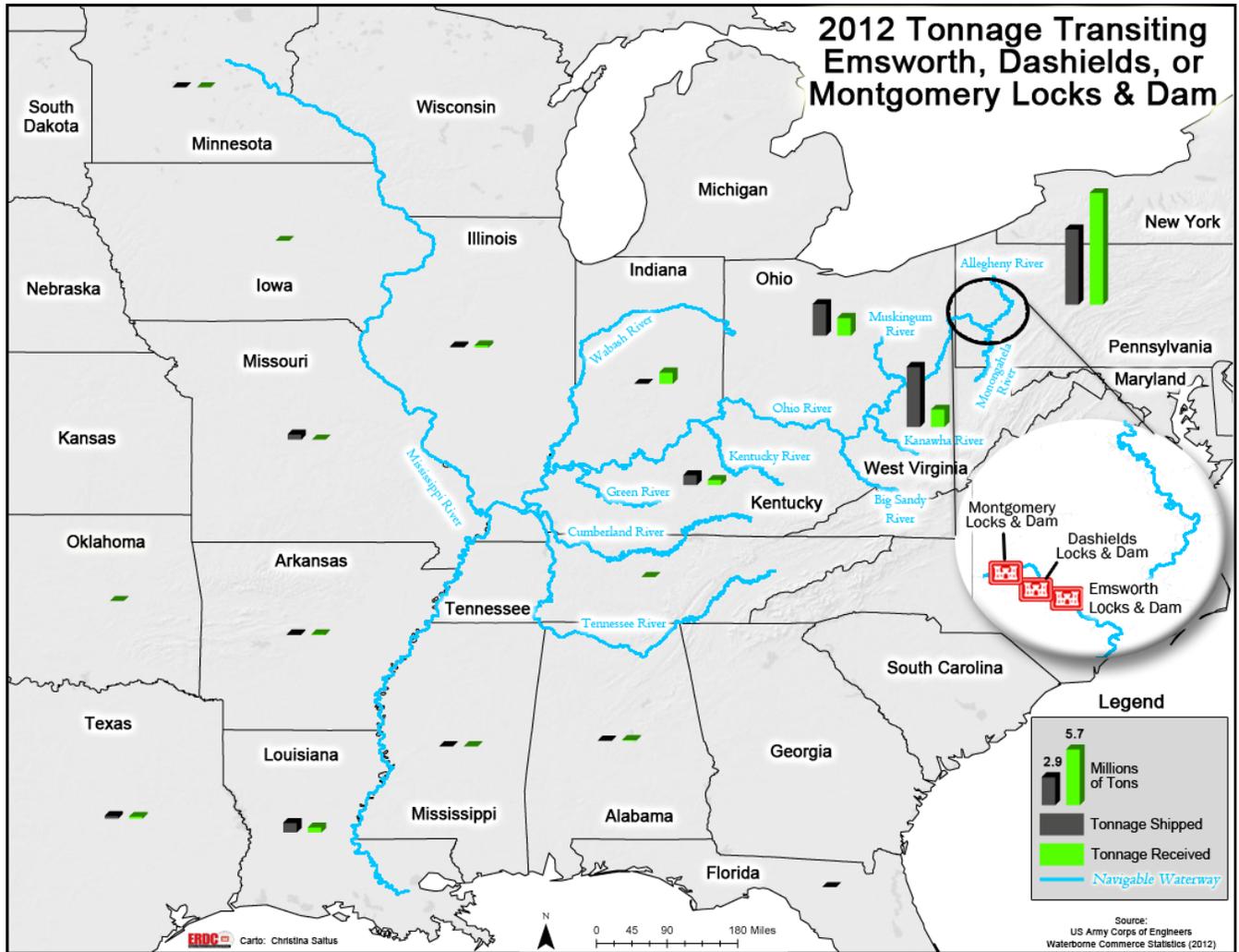


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