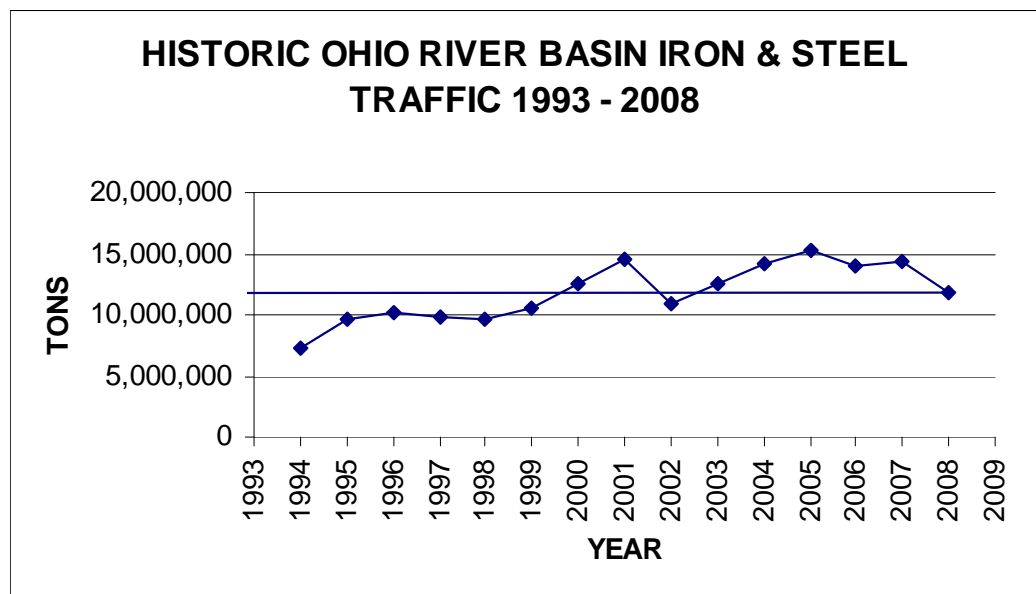


Iron and Steel

Iron & Steel (I&S) is the Ohio River basin's fifth largest commodity group. There were 88 waterside plants and terminals in the basin, which shipped or received I&S by barge in 2008. Ohio River System waterways serve I&S shippers primarily by affording access to the export/domestic and industrial markets for I&S. Large movements of I&S are made by water out of the basin to the export market through lower Mississippi River ports. Other major movements of barged I&S are those to Ohio and Kentucky most importantly to steel plants on the Ohio River Valley.



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Iron and Steel

Iron and Steel shipments on the Ohio River basin's waterways totaled almost 10.4 million tons in 2008, or 4.0% of all barge cargo. Of this amount, approximately 5.4 million tons were shipped into the basin from outside. Almost 2.4 million tons were shipped out of the basin, and about 2.6 million tons moved within the Ohio River System. The 10.4 million tons moving by barge in 2008 had a combined value of \$6.7 billion, which is almost 22 per cent of the value of the basin's commodities moving by water.

The largest iron and steel (I&S) commodity that moves by barge in the basin is pig iron. Iron & steel scrap is the second ranking waterborne Iron & Steel product.

Ohio River Basin Barge Traffic – 2008		
(values in millions of \$)		
Iron & Steel	Tonnage	Value
Pub Name	2,495,946	\$349
PIG IRON	2,272,293	\$2,091
IRON & STEEL SCRAP	2,149,571	\$2,932
IRON & STEEL PLATES & SHEETS	1,562,892	\$47
IRON ORE	870,706	\$533
FERRO ALLOYS	484,766	\$478
PRIMARY IRON & STEEL NEC	265,399	\$195
IRON & STEEL PIPE & TUBE	254,113	\$94
IRON & STEEL BARS & SHAPES	53,857	\$19
IRON & STEEL PRIMARY FORMS	10,409,543	\$6,738
<i>Source: U.S. Army Corps of Engineers Waterborne Commerce Statistics</i>		

Most of the I&S that is moved by barge in the Ohio River basin originated in Louisiana. Iron ore shipped out of Louisiana to the state of Ohio amounted to 24% of the total tonnage of I&S shipped from Louisiana.

Ohio River Basin Barge Traffic			
Iron & Steel Shipped by State – 2008			
(values in millions of \$)			
State	Tonnage	Value	Leading Iron and Steel
Louisiana	5,065,996	\$1,489	Iron Ore
Alabama	1,379,441	\$1,245	Iron & Steel Plates & Sheets
Kentucky	1,237,628	\$1,295	Iron & Steel Scrap
Tennessee	781,607	\$667	Iron & Steel Scrap
Ohio	558,078	\$635	Iron & Steel Plates & Sheets
<i>Source: U.S. Army Corps of Engineers Waterborne Commerce Statistics</i>			

Iron and Steel

The main destinations for I&S barges originating in the basin integrated steel plants located in Ohio and Alabama.

Ohio River Basin Barge Traffic Iron & Steel Received by State – 2008 (values in millions of \$)			
State	Tonnage	Value	Leading Iron and Steel
Ohio	1,950,913	\$330	Iron Ore
Alabama	1,681,117	\$859	Pig Iron
Kentucky	1,662,863	\$1,115	Iron & Steel Scrap
Pennsylvania	1,125,038	\$700	Ferro Alloys
Texas	720,147	\$854	Iron & Steel Plates & Sheets
<i>Source: U.S. Army Corps of Engineers Waterborne Commerce Statistics</i>			

