

Wisconsin

The State of Wisconsin borders 231 miles of the Upper Mississippi River. The river provides an important transportation link for the shipment of grain and the receipt of coal for this area. The state also borders the St. Croix River (Lake St. Croix), which in 2008 carried just less than 300 thousand tons of commodities worth about \$50 million on its 24.5 navigable miles.

Wisconsin Upper Miss 2008 Tonnage by Commodity Groups Shipped From, To and Within the State

(values in millions of dollars)

Commodity	Shipped	Received	Within	Total	Value
Coal	**	3,225,136	0	3,225,136	\$127
Petroleum	0	**	0	0	\$0
Aggregates	**	**	0	0	**
Grain	636,439	14,199	0	650,638	\$88
Chemicals	0	56,467	0	56,467	\$18
Ores/Minerals	0	196,890	0	196,890	\$5
Iron/Steel	28,747	121,778	**	150,525	\$43
Other	25,432	118,000	1,494	144,926	\$24
TOTAL	690,618	3,732,470	1,494	4,424,582	\$305

** Insufficient barge operators to release this tonnage – included in “Other Commodities”

Source: U.S. Army Corps of Engineers Waterborne Commerce Statistics

An analysis of the waterborne commerce data for the State of Wisconsin shows that over 690 thousand tons of commodities were shipped on the river system out of the state. Almost all of this tonnage consisted of grain. Docks in the state received 3.7 million tons, with coal being the primary commodity. In 2008, the 4.4 million tons shipped to and from Wisconsin had a value of \$305 million.



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Wisconsin Upper Miss 2008 Commodities Shipped by Barge to and from Other States <i>(tonnage in thousands of tons; values in millions of dollars)</i>							
Shipments To	Ktons	Value	Top Commodity	Shipments From	Ktons	Value	Top Commodity
Louisiana	542	\$89	Iron/Steel	Illinois	2,750	\$112	Coal
Alabama	99	\$14	Grain	Iowa	407	\$15	Coal
Tennessee	18	\$3	Grain	Louisiana	378	\$37	Ores/Minerals
Arkansas	17	\$16	Grain	Minnesota	101	\$8	Coal
Iowa	9	\$2	Others	Missouri	55	\$3	Others
<i>Source: U.S. Army Corps of Engineers Waterborne Commerce Statistics</i>							

Wisconsin docks shipped commodities by barge to 8 states and received commodities from 10 other states. Of those states, Louisiana received the most cargo (542 thousands tons worth \$89 million). Most of this was grain (corn and soybeans) destined for the world market). The leading state shipping by barge to Wisconsin was Illinois, which transported 2.7 million tons of goods, most of which was coal.

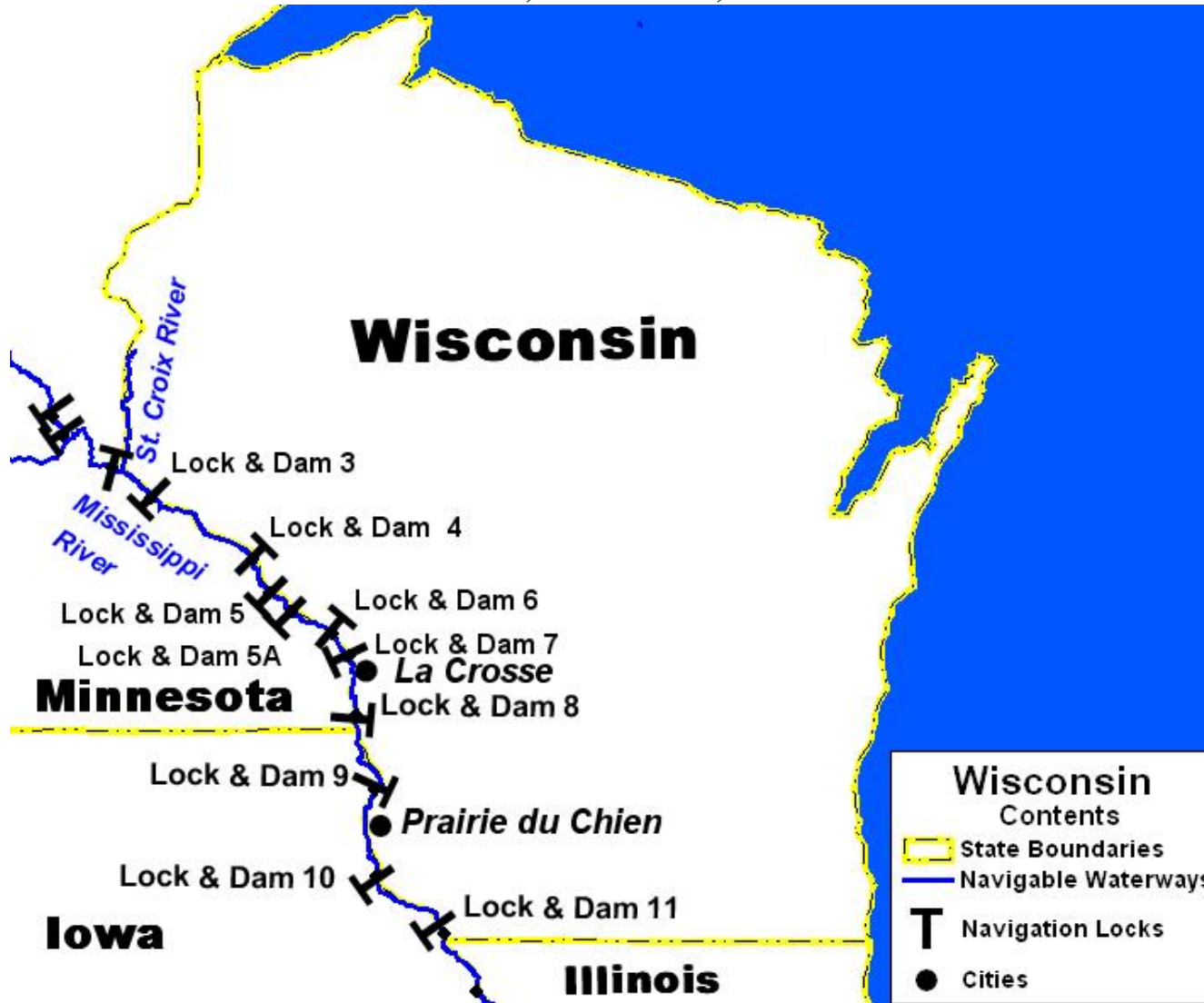
There were 24 manufacturing facilities, terminals, and docks in Wisconsin that shipped and received tonnage in 2008 (see map). Four power plants are shown on the map, these plants received almost 3.1 million tons of coal by barge.

There are ten navigation locks and dams on the Mississippi River bordering Wisconsin (see map). All of these projects feature single 110' x 600' lock chambers and were built in the 1930's.

Major rehabilitation is underway at several Upper Mississippi River projects. At Lock and Dam 3, which is 56 miles downstream of Minneapolis, the system of spot dikes that maintains the navigation pool is deteriorating at an accelerating rate. Periodic maintenance has prevented failure so far. If high water erodes the dikes, the resulting loss of the navigation pool would curtail navigation and cause severe environmental damage and economic problems. This rehabilitation effort addresses the spot dike problems on the Wisconsin side of the river only. Wave action from high water in the spring of 2001 caused widespread erosion, and the Corps of Engineers had to complete \$2.3 million of emergency repair work, consisting of rock placement on the upstream slope of selected reaches of embankments at Locks and Dams 2, 5 and 8.

Wisconsin 2008 Lock Tonnage <i>(in thousands of tons)</i>			
LOCK	UPBOUND	DOWNBOUND	TOTAL
Lock & Dam 11	7,011	6,095	13,106
Lock & Dam 10	6,604	6,188	12,792
Lock & Dam 9	6,401	3,391	9,792
Lock & Dam 8	4,078	3,391	7,469
Lock & Dam 7	3,745	3,099	6,844
Lock & Dam 6	3,745	3,099	6,844
Lock & Dam 5A	3,234	2,199	5,433
Lock & Dam 5	3,234	2,199	5,433
Lock & Dam 4	2,858	2,198	5,056
Lock & Dam 3	2,709	1,733	4,442
<i>Source: U.S. Army Corps of Engineers Lock Performance Monitoring System</i>			

Wisconsin Cities, Rivers, Locks & Dams





Manufacturing Facilities, Power Plants, Terminals and Docks Located Along Wisconsin's Navigable Waterways

