

*2005 Statistical Annual Report of Lake Carriers' Association©*

**GREAT LAKES DRY-BULK COMMERCE  
CALENDAR YEARS 1996-2005**

YEAR	IRON ORE		COAL	LIMESTONE	SALT	CEMENT	POTASH	GRAIN	TOTAL
	GROSS TONS	NET TONS	NET TONS	NET TONS	NET TONS	NET TONS	NET TONS	NET TONS	NET TONS
1996.....	64,396,820	72,124,429	34,763,699	34,589,273	7,902,232	5,088,879	595,194	15,296,904	<b>234,759,426</b>
1997.....	64,126,328	71,821,478	39,847,848	39,245,213	7,857,648	5,355,448	767,400	16,648,744	<b>245,672,104</b>
1998.....	65,285,812	73,120,100	42,054,337	40,872,939	8,766,829	5,587,004	801,829	15,585,978	<b>252,076,826</b>
1999.....	60,089,529	67,300,263	40,957,621	38,324,563	7,016,358	5,639,981	606,014	15,866,884	<b>235,803,212</b>
2000.....	62,111,356	69,564,708	41,988,850	38,118,997	6,093,660	5,578,697	688,858	15,099,337	<b>239,246,463</b>
2001.....	49,708,498	55,673,519	44,355,316	37,904,799	7,671,321	5,470,198	563,882	14,011,286	<b>215,360,820</b>
2002.....	52,604,667	58,917,223	41,912,285	37,537,243	7,287,312	5,341,759	587,296	12,094,537	<b>216,284,324</b>
2003.....	49,411,818	55,341,240	39,754,269	34,182,857	8,506,778	5,390,169	579,352	11,624,713	<b>204,793,199</b>
2004.....	55,905,903	62,614,611	39,936,860	40,222,052	9,239,658	5,508,635	728,701	11,667,639	<b>169,918,156</b>
2005.....	51,953,164	58,187,548	42,706,688	37,725,377	9,255,371	5,048,817	584,672	11,377,508	<b>164,885,981</b>
<b>TOTAL.....</b>	<b>575,593,895</b>	<b>644,665,119</b>	<b>408,277,773</b>	<b>378,723,313</b>	<b>79,597,167</b>	<b>54,009,587</b>	<b>6,503,198</b>	<b>139,273,530</b>	<b>2,178,800,511</b>

Note: 2005 grain total revised on June 14, 2006.

**U.S.-FLAG CARGO CARRIAGE  
CALENDAR YEARS 1996-2005  
(net tons)**

YEAR	IRON ORE		COAL (By Lake of Loading)			LIMESTONE	CEMENT	SALT	SAND	GRAIN	TOTAL
	DIRECT SHIPMENTS	TRANS-SHIPMENTS	LAKE SUPERIOR	LAKE MICHIGAN	LAKE ERIE						
1996.....	54,663,331	6,741,365	12,926,516	8,129,943		26,137,520	3,734,530	1,149,700	232,010	536,683	114,253,594
1997.....	56,727,630	6,643,000	13,763,365	9,480,887		28,755,341	4,159,146	1,002,934	272,218	669,741	121,476,259
1998.....	57,545,538	5,977,686	13,584,279	8,472,940		30,358,476	4,251,903	1,312,157	234,300	352,083	122,091,360
1999.....	52,160,147	5,523,530	13,353,794	8,279,404		27,310,498	4,417,055	1,309,894	249,238	346,814	112,952,373
2000.....	54,586,514	5,746,164	12,769,682	2,068,078	5,922,714	27,288,089	4,144,774	838,017	427,070	351,857	114,144,959
2001.....	43,829,971	3,094,732	13,640,260	2,288,791	6,030,000	26,988,622	4,136,897	876,392	625,094	350,719	101,863,479
2002.....	45,861,075	2,334,252	13,874,872	2,239,657	5,629,302	26,554,243	3,817,911	587,090	230,950	329,471	101,460,825
2003.....	41,343,509	1,672,776	14,238,033	2,771,065	4,870,328	24,239,110	3,851,487	945,355	500,456	312,316	94,746,438
2004.....	48,265,018	2,936,493	15,459,399	3,734,928	5,222,022	29,861,141	3,965,401	1,032,109	489,355	367,785	111,335,655
2005.....	43,884,572	2,687,547	17,429,479	3,760,477	6,017,394	27,935,513	3,892,822	1,187,777	461,813	403,055	107,660,449
<b>TOTAL.....</b>	<b>498,867,305</b>	<b>43,357,545</b>	<b>141,039,679</b>	<b>84,917,930</b>		<b>275,428,553</b>	<b>40,371,926</b>	<b>10,241,425</b>	<b>3,722,504</b>	<b>4,020,524</b>	<b>1,101,985,391</b>

Through 1995, survey included LCA members and Great Lakes Associates, Inc. (then Kinsman). Expanded to include Andrie, Inc. (cement only), Merce Transportation (cement), Upper Lakes Barge (dry-bulk) and Upper Lakes Towing (dry-bulk) in 1996. Pere Marquette Shipping Company (dry-bulk) added to survey when it began operations in 1999. VanEnkevort Tug & Barge (dry-bulk) added to survey when it initiated service in 2000. Merce Transportation and Upper Lakes Barge ceased operations in 2000. Laken Shipping, L.L.C. (dry-bulk) added to survey upon founding in 2003. Great Lakes Associates exited the business in 2005. The iron ore transshipments were between Lorain, Ohio and Cleveland, Ohio through 2002. Starting in 2003, the transshipments are an intraport movement in Cleveland. The breakdown of coal by Lake of loading began in 2000. Before that, the trade was categorized by type of coal, i.e., eastern or western.