

**U.S.-FLAG CARGO CARRIAGE ON THE GREAT LAKES
CALENDAR YEARS 1993-2015**

(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						
1993	51,435,685	5,166,649	11,238,423	8,301,883		21,169,370	3,607,593	750,170	436,609	901,543	103,007,925
1994	51,333,001	5,494,246	13,022,395	10,142,373		23,481,283	3,532,783	859,819	426,529	1,098,472	109,390,901
1995	54,223,610	5,622,590	12,777,914	8,366,053		24,913,305	3,689,192	649,526	228,721	1,105,268	111,576,179
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	114,251,598
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	121,474,262
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	122,089,362
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	112,950,374
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	114,142,959
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	101,861,478
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	101,458,823
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	94,744,435
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	111,333,651
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
2006	45,850,298	3,121,814	17,180,114	3,161,804	5,018,195	29,489,410	3,997,703	1,126,862	429,411	356,143	109,731,754
2007	45,049,721	2,156,662	16,692,347	2,718,874	5,759,408	25,966,057	3,602,488	1,241,297	449,474	404,923	104,041,251
2008	45,329,607	1,893,887	17,962,580	3,253,001	3,756,042	23,632,070	3,294,071	1,224,769	359,191	247,597	100,952,815
2009	23,271,702	759,385	15,427,708	1,996,793	3,250,387	17,067,232	2,865,323	1,260,901	262,805	304,507	66,466,743
2010	39,663,547	2,364,871	15,847,574	2,017,395	3,674,897	20,410,266	2,782,259	1,391,239	225,593	306,872	88,684,513
2011	44,443,975	2,780,768	12,954,188	3,166,372	4,118,767	21,434,839	2,817,846	1,452,134	332,172	283,200	93,784,261
2012	42,700,840	2,488,187	11,947,617	2,654,506	2,977,825	21,794,394	3,183,388	1,020,157	336,316	371,406	89,474,636
2013	41,218,215	2,633,826	12,216,668	2,314,161	3,706,811	22,111,494	3,129,748	1,004,837	371,279	447,653	89,154,692
2014	41,924,590	3,699,617	11,325,509	1,870,773	4,576,207	21,459,429	3,248,033	1,400,068	376,456	259,461	90,140,143
2015	37,397,501	3,467,452	12,867,046	1,093,993	3,693,275	23,142,584	3,451,989	1,411,169	319,891	356,268	87,201,168
TOTAL	1,062,709,597	85,007,499	322,499,762	176,507,725		571,500,286	83,574,342	25,034,373	8,276,951	10,463,837	2,345,574,372

Note: Prior to 2000, LCA categorized coal as Eastern and Western. The Association began tracking shipments by Lake of Loading in 2000.