



# Federal Maritime Commission





# About the FMC

- Established by Congress in 1961
- Independent Regulatory Agency
- Regulates Liner Ocean Transportation in U.S. Foreign Trades

# FMC Statutes and Regs.



- Shipping Act of 1984, as Amended
  - (Ocean Shipping Reform Act, 1998 (OSRA))
  
- Merchant Marine Act, 1920
  
- Foreign Shipping Practices Act of 1988
  
- Financial Responsibility for Death or Injury to Passengers and for Nonperformance of Voyages
  - (Public Law 89-777, 1996)
  
- Code of Federal Regulations - CFR Part 500

# Maritime Environmental Issues



- Clearinghouse for information on maritime environmental issues, news, resources, laws and regulations, and best practices.
- International ocean transportation industry will only be able to remain efficient, competitive, and reliable if it takes steps to become more sustainable.
- Chairman's Earth Day Award for innovation and environmental leadership in vessel operation, vessel design, and efforts to increase carbon emissions transparency.

# Maritime Environmental Issues

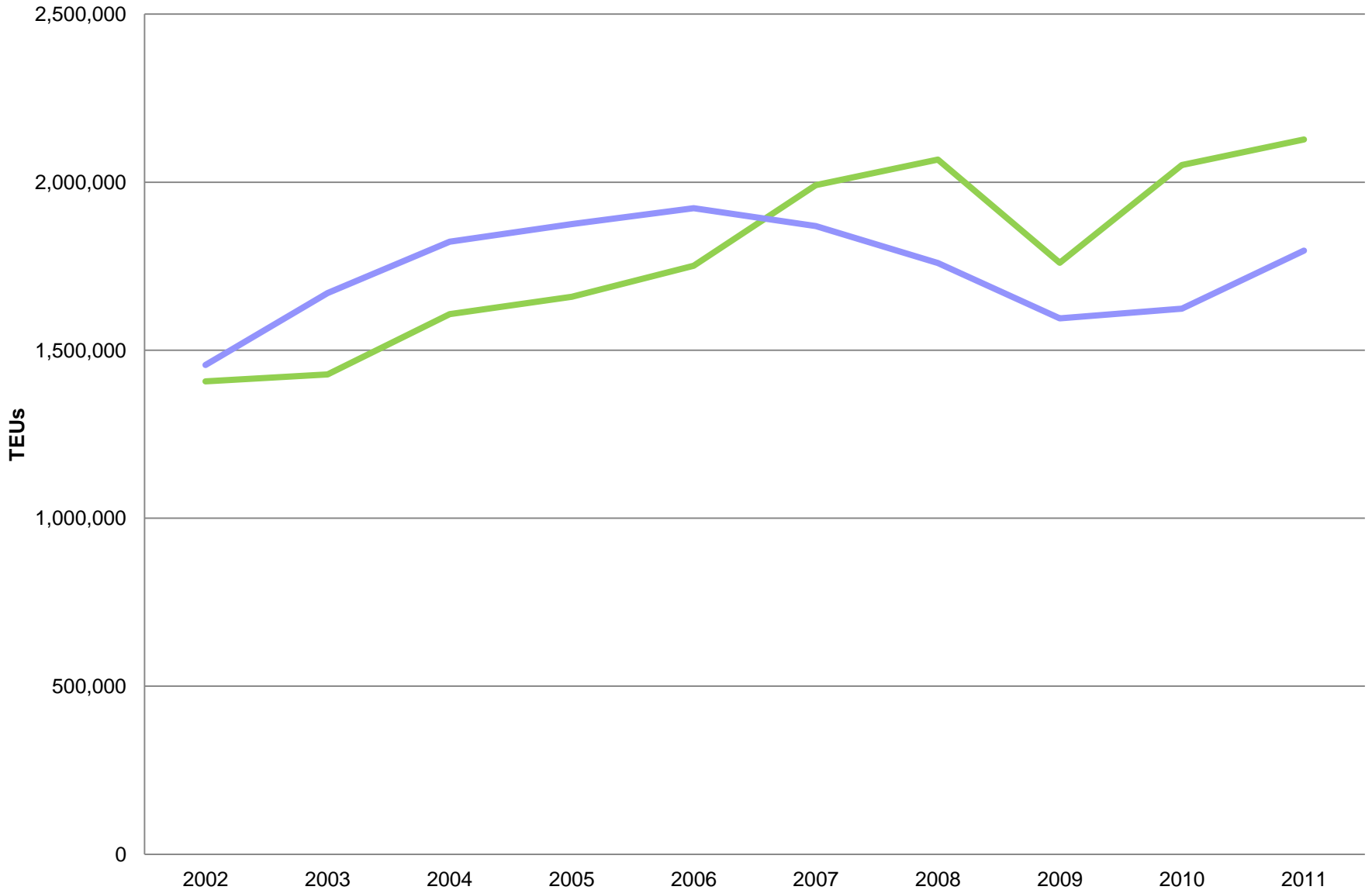


On April 21, 2011, Chairman Lidinsky announced that Maersk Line received the Chairman's Earth Day Award for innovation and environmental leadership in vessel operation, vessel design, and efforts to increase carbon emissions transparency. This is the second annual award given by the FMC Chairman for the ocean shipping industry's top leaders on environmental issues. Last year's recipient was the Port of Los Angeles for the air quality improvements from its Clean Truck program.



# US-Latin America Containerized Trade Volume

US Exports US Imports



## US-Latin America Containerized Reefer Trade Volume (TEUs)

US Exports	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	10-Year Growth	Annual Growth Rate
MEXICO	971	1,230	3,741	1,349	1,114	2,048	1,466	2,289	1,447	2,327	140%	10%
CARIBBEAN	56,967	58,859	63,227	62,029	61,217	65,724	71,060	65,615	63,592	71,617	26%	3%
CENTRAL AMERICA	21,875	25,061	25,711	22,815	27,049	28,785	30,049	31,698	39,267	44,708	104%	8%
SOUTH AMERICA	17,654	16,847	15,061	17,119	17,262	16,821	19,315	18,732	20,784	28,719	63%	6%
LATIN AMERICA	96,496	100,767	103,999	101,963	105,527	111,330	120,424	116,045	123,643	145,043	50%	5%

US Imports	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	10-Year Growth	Annual Growth Rate
MEXICO	4,635	2,828	3,689	4,762	8,589	7,379	7,481	8,725	7,133	16,710	261%	15%
CARIBBEAN	13,651	13,830	13,474	11,833	11,680	11,406	11,255	11,048	8,051	14,737	8%	1%
CENTRAL AMERICA	257,423	321,185	313,765	313,554	339,264	360,766	373,714	390,437	247,811	433,406	68%	6%
SOUTH AMERICA	142,454	186,019	196,241	219,990	223,686	222,422	205,029	218,253	170,588	240,117	69%	6%
LATIN AMERICA	413,528	521,034	523,479	545,377	574,629	594,594	589,999	619,737	426,451	688,260	66%	6%

Total Trade	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	10-Year Growth	Annual Growth Rate
MEXICO	5,605	4,058	7,431	6,111	9,703	9,427	8,947	11,014	8,580	19,037	240%	15%
CARIBBEAN	70,618	72,690	76,700	73,862	72,896	77,130	82,315	76,663	71,643	86,353	22%	2%
CENTRAL AMERICA	279,298	346,246	339,476	336,370	366,313	389,552	403,763	422,135	287,078	478,113	71%	6%
SOUTH AMERICA	160,108	202,866	211,302	237,109	240,948	239,242	224,344	236,984	191,373	268,836	68%	6%
LATIN AMERICA	510,024	621,802	627,478	647,340	680,157	705,924	710,422	735,782	550,094	833,303	63%	6%

Source: FMC, PIERS Interactive

## US Exports to Latin America by Country

Country	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	10-Year Growth	Annual Growth Rate
BRAZIL	136,955	147,102	176,230	172,403	181,688	236,208	278,673	213,691	303,047	319,171	133%	10%
HONDURAS	103,792	122,129	128,516	130,005	142,733	158,190	153,232	126,695	145,513	148,689	43%	4%
DOMINICAN REPUBLIC	142,519	117,793	126,688	131,979	132,551	151,793	148,410	131,989	159,284	141,922	0%	0%
COLOMBIA	67,804	68,121	75,868	84,286	102,655	120,790	123,530	119,897	136,689	141,029	108%	8%
GUATEMALA	103,954	111,486	116,217	113,298	120,919	126,376	119,738	118,916	121,971	131,531	27%	3%
CHILE	53,447	55,054	70,947	75,057	78,345	102,344	118,136	95,551	118,440	130,128	143%	10%
VENEZUELA	89,503	59,119	99,499	113,595	128,163	123,614	123,696	97,455	105,377	110,124	23%	2%
COSTA RICA	78,339	78,811	81,636	86,297	90,459	94,053	91,746	80,180	93,818	95,866	22%	2%
ARGENTINA	35,790	47,510	61,459	66,335	67,494	79,887	83,183	65,862	91,070	93,971	163%	11%
PERU	33,875	36,881	40,070	43,013	45,290	67,337	77,991	70,208	89,284	93,882	177%	12%
PANAMA	52,614	51,223	52,174	62,256	57,827	78,383	79,308	73,182	76,341	83,469	59%	5%
BAHAMAS	74,865	73,264	83,920	89,812	94,261	98,759	91,457	82,613	80,186	77,717	4%	0%
EL SALVADOR	55,513	59,797	61,346	57,532	62,313	61,449	63,048	57,400	64,089	72,942	31%	3%
ECUADOR	32,389	38,597	39,235	36,056	37,707	46,755	51,766	50,570	58,696	64,020	98%	8%
TRINIDAD & TOBAGO	33,710	37,086	41,943	42,800	41,070	51,294	56,414	48,835	52,077	49,463	47%	4%
LEEWARD & WINDWARD ISLANDS	30,591	30,644	33,245	34,664	34,759	41,445	43,355	35,805	34,906	45,542	49%	5%
JAMAICA	55,934	57,010	61,045	55,844	59,117	64,025	59,746	43,409	48,221	44,140	-21%	-3%
MEXICO	51,221	47,621	51,036	53,816	67,427	67,326	55,680	41,101	35,562	43,844	-14%	-2%
NETHERLANDS ANTILLES	33,914	35,279	36,294	34,633	38,681	38,450	39,304	38,141	39,726	39,591	17%	2%
HAITI	28,392	30,036	29,088	27,377	23,639	27,796	32,228	27,910	43,222	38,106	34%	3%



## US Exports to Latin America by Country (continued)

Country	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	10-Year Growth	Annual Growth Rate
NICARAGUA	15,600	17,733	20,388	20,509	20,563	22,998	23,262	19,439	24,572	26,240	68%	6%
URUGUAY	4,734	6,280	6,789	7,069	7,922	11,475	13,034	11,143	18,946	18,917	300%	17%
CAYMAN ISLANDS	16,545	18,493	24,301	32,540	27,207	24,166	27,680	21,164	17,331	18,313	11%	1%
BARBADOS	15,970	16,743	17,551	17,944	17,205	16,819	18,589	16,397	17,441	16,751	5%	1%
BERMUDA	18,971	19,750	21,899	21,974	22,405	22,982	23,029	20,702	16,068	14,035	-26%	-3%
CUBA	6,980	8,191	11,540	10,380	9,326	11,534	13,629	9,756	9,672	12,403	78%	7%
TURKS & CAICOS ISLANDS	7,651	8,816	10,836	11,621	14,891	16,135	20,602	12,737	10,479	11,573	51%	5%
GUYANA	5,877	5,768	6,151	5,777	5,236	6,075	5,342	7,241	9,480	10,773	83%	7%
BELIZE	8,665	9,322	9,147	8,930	8,772	9,044	8,457	7,593	9,351	9,170	6%	1%
SURINAM	5,945	6,357	5,959	5,473	5,405	6,232	6,702	5,978	8,326	8,884	49%	5%
PARAGUAY	1,199	1,954	2,549	1,891	1,942	3,732	10,687	5,171	6,999	7,437	520%	22%
BOLIVIA	847	726	1,200	1,022	1,071	1,091	2,207	809	1,976	3,884	358%	18%
FRENCH WEST INDIES	2,514	2,651	2,218	2,286	2,237	2,323	2,805	2,130	2,502	2,659	6%	1%
FRENCH GUIANA	394	304	280	207	287	304	232	211	324	481	22%	2%
LATIN AMERICA	1,407,012	1,427,651	1,607,263	1,658,680	1,751,565	1,991,184	2,066,899	1,759,879	2,050,989	2,126,668	51%	5%

Source: FMC, PIERS Interactive

## US Imports from Latin America by Country

Country	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	10-Year Growth	Annual Growth Rate
BRAZIL	339,269	386,905	470,102	487,128	475,869	419,015	337,213	262,697	270,388	286,435	-16%	-2%
GUATEMALA	147,395	155,309	161,419	158,584	145,213	160,744	179,922	206,559	185,937	220,371	50%	5%
HONDURAS	130,502	150,373	174,085	174,497	165,632	177,515	188,913	163,271	161,130	190,605	46%	4%
CHILE	121,243	146,295	174,939	170,576	205,074	196,241	183,326	165,287	163,487	180,778	49%	5%
COSTA RICA	130,049	161,534	153,851	158,171	188,488	188,291	173,292	155,568	175,250	171,693	32%	3%
ECUADOR	80,903	99,656	98,043	101,605	101,969	92,758	83,371	103,825	104,381	115,428	43%	4%
COLOMBIA	74,975	95,010	92,063	104,069	103,020	92,710	95,076	89,607	93,928	98,299	31%	3%
DOMINICAN REPUBLIC	91,075	98,393	96,431	89,676	86,459	83,042	77,306	68,578	70,237	84,740	-7%	-1%
MEXICO	63,605	63,845	63,581	69,293	91,636	83,109	80,218	73,427	60,249	83,171	31%	3%
PERU	30,258	32,890	38,781	45,051	50,276	53,706	58,969	51,221	58,598	68,318	126%	9%
ARGENTINA	57,291	57,492	65,488	67,855	71,660	65,349	59,281	47,510	50,250	55,794	-3%	0%
EL SALVADOR	40,359	46,817	47,355	44,573	43,536	45,037	45,272	39,348	51,950	43,824	9%	1%
NICARAGUA	17,705	22,552	26,992	31,584	34,933	37,144	35,912	31,443	36,003	39,431	123%	9%
PANAMA	16,166	30,973	17,679	22,403	21,267	21,686	19,764	18,154	26,859	30,969	92%	7%
BAHAMAS	12,440	15,527	15,787	23,549	24,661	31,768	33,225	23,267	25,225	26,257	111%	9%
JAMAICA	23,260	17,719	12,303	12,379	14,190	14,343	17,282	20,189	12,256	15,946	-31%	-4%
HAITI	6,070	9,010	12,232	13,923	12,504	12,710	12,939	11,418	8,747	13,558	123%	9%
VENEZUELA	45,607	42,525	54,734	52,687	42,854	34,016	25,211	18,006	27,524	11,568	-75%	-14%
TRINIDAD & TOBAGO	7,325	7,986	9,270	5,005	6,215	7,593	7,008	6,384	6,821	9,559	30%	3%

## US Imports from Latin America by Country (continued)

Country	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	10-Year Growth	Annual Growth Rate
LEEWARD & WINDWARD ISLANDS	1,465	1,543	1,426	1,402	2,093	7,031	5,723	4,979	2,838	8,224	462%	21%
URUGUAY	3,568	7,012	16,433	21,312	13,743	16,730	7,328	7,547	8,109	7,116	99%	8%
NETHERLANDS ANTILLES	2,174	2,362	2,261	1,551	1,992	3,274	4,018	4,625	3,125	5,395	148%	11%
BELIZE	2,423	4,672	5,213	5,000	5,457	5,089	4,643	3,842	4,409	4,979	105%	8%
CAYMAN ISLANDS	1,068	2,683	1,019	1,707	2,132	4,009	3,115	1,483	2,232	4,904	359%	18%
TURKS & CAICOS ISLANDS	328	426	651	1,635	1,125	1,725	3,092	2,315	2,432	3,441	948%	30%
PARAGUAY	739	1,428	2,129	2,286	3,025	4,503	4,941	2,850	2,540	3,399	360%	18%
BARBADOS	1,138	2,028	1,266	1,202	1,232	2,064	2,007	1,935	1,610	3,290	189%	13%
BOLIVIA	1,338	2,384	2,673	2,688	2,328	2,570	2,612	2,362	1,805	2,713	103%	8%
SURINAM	1,590	562	898	863	1,100	1,495	2,056	2,394	1,408	2,082	31%	3%
GUYANA	2,658	2,063	1,824	1,470	1,308	2,037	3,704	2,433	1,213	1,359	-49%	-7%
CUBA	915	918	981	597	798	1,085	1,482	1,378	1,644	1,215	33%	3%
BERMUDA	586	718	879	638	532	448	534	617	841	847	45%	4%
FRENCH GUIANA	105	2	0	67	107	125	119	117	105	141	34%	3%
FRENCH WEST INDIES	159	318	299	214	148	98	145	124	133	78	-51%	-8%
LATIN AMERICA	1,455,751	1,669,929	1,823,085	1,875,239	1,922,577	1,869,059	1,759,020	1,594,760	1,623,664	1,795,927	23%	2%

Source: FMC, PIERS Interactive

## US Container Cargo in TEUs Handled by Latin American Ports


Year	Total US Exports to Latin American Ports	US Exports Transshipped Through Latin American Ports	Percent of US Exports Transshipped	Total US Imports from Latin American Ports	US Imports Transshipped Through Latin American Ports	Percent of US Imports Transshipped
2002	1,454,773	312,121	21.5%	1,578,290	367,643	23.3%
2003	1,511,019	352,644	23.3%	1,855,221	563,768	30.4%
2004	1,698,780	404,634	23.8%	2,061,116	638,312	31.0%
2005	1,761,338	402,016	22.8%	2,162,056	720,168	33.3%
2006	1,906,061	497,909	26.1%	2,270,507	828,833	36.5%
2007	2,179,638	519,696	23.8%	2,180,223	797,388	36.6%
2008	2,255,979	524,496	23.2%	2,049,046	774,772	37.8%
2009	1,905,493	385,768	20.2%	1,853,060	695,656	37.5%
2010	2,134,693	417,363	19.6%	1,899,397	752,784	39.6%
2011	2,195,311	385,175	17.5%	2,065,686	766,002	37.1%

Source: FMC, PIERS Interactive



# Defining Sustainability

- Establishing an understanding and definition of sustainability helps to ensure that an organization is both socially and environmentally responsible at the same time as being economically viable.



*“Sustainable development is development that meets the needs of current generations without compromising the ability of future generations to meet their own goals.”*

