Final
Waterborne Commerce Statistics

For Calendar Year 2008

Waterborne Commerce National Totals
And
Selected Inland Waterways
For Multiple Years

Institute for Water Resources
Navigation Data Center

U.S. Army Corps of Engineers

Waterborne Commerce Statistics Center

Introduction

In order to provide waterborne commerce information in a graphical format, the Waterborne Commerce Statistics Center (WCSC) has prepared this summary document of waterborne commerce statistics for calendar year 2008. The foreign inbound and outbound data is import, export, and inbound/outbound in-transit data. The domestic national totals are based on calendar year 2008 data collected from vessel operating companies.

All graphs and tables (except page 1) show domestic tonnages (short tons). All graphs after page 1 include all internal tonnage, which is tonnage moving exclusively on waterways within the boundaries of the United States. The deep-draft sections of the Mississippi, the Columbia and the Gulf Intracoastal Waterway include domestic coastwise data as well. This coastwise tonnage travels on these internal waterways and also Coastwise (the oceans or the Gulf of Mexico). Please note that rounding may result in commodity tonnages that do not add up to the totals for a waterway.

WCSC is also using the Internet to expedite release of statistics. Please visit our World Wide Web home page at:

www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm.

There you will find the timeliest WCSC statistics including this report, quarterly estimates and our monthly internal traffic indicators.

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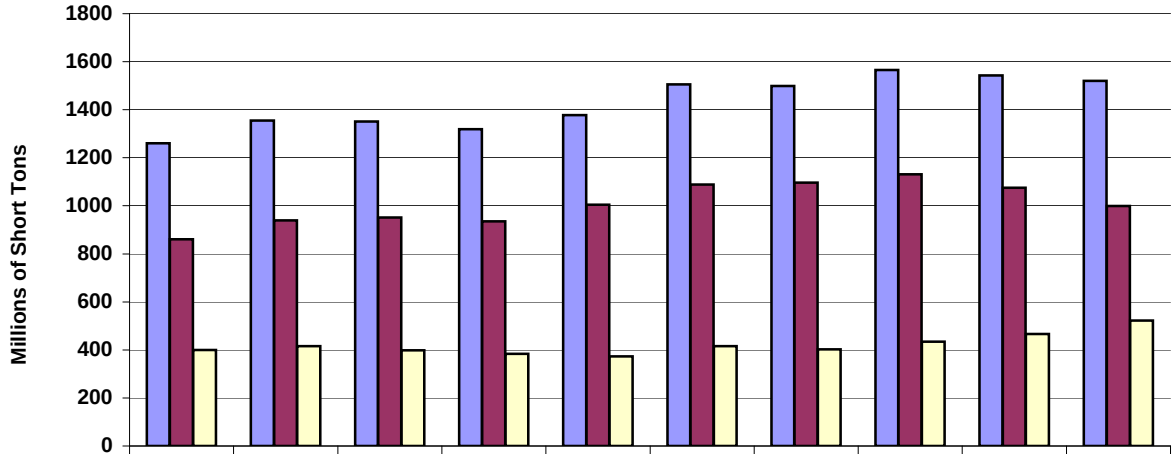
Explanation of Commodity Groups

Coal:	Coal, lignite, and coke
Petro & Petro Products:	Petroleum and Petroleum Products
Chemicals:	Chemicals and fertilizers
Crude Materials:	Crude materials, inedible, such as: forest products, pulp, sand, gravel, stone, iron ore, marine shells, non-ferrous metallic ores, and sulphur
Manufactured Goods:	Primary manufactured goods, such as: paper and allied products, concrete, iron, steel, non-ferrous metals, and wood products
Food and Farm:	Food, grain, and farm products
Manufactured Equipment:	All manufactured equipment
Waste material:	Waste material, such as: garbage, landfill, sewage sludge, and waste water.
Other:	Commodity group not specifically listed in a table. (This will differ from table to table).

Foreign Waterborne Imports and Exports

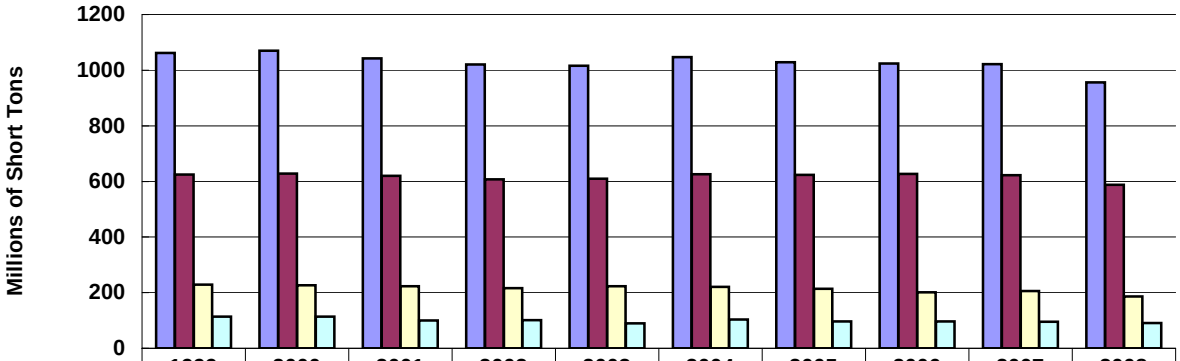
1999-2008, Millions of Short Tons



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	1260.8	1354.8	1350.8	1319.3	1378.1	1504.9	1498.7	1564.9	1542.5	1520.8
Inbound	860.8	939.7	951.8	934.9	1004.8	1089.1	1096.9	1130.9	1075.7	998.7
Outbound	400.0	415.0	399.0	384.3	373.3	415.8	401.8	434.0	466.8	522.1

Domestic Waterborne Commerce of the U.S.

1999-2008, Millions of Short Tons, by Type of Traffic



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total**	1061.8	1069.8	1042.5	1021.0	1016.1	1047.1	1028.9	1023.5	1021.5	956.3
Internal***	624.6	628.4	619.8	608.0	609.6	626.2	624.0	627.6	621.9	588.5
Coastwise	228.8	226.9	223.6	216.4	223.5	220.6	213.7	201.8	205.8	186.3
Lakewise	113.9	114.4	100.0	101.5	89.8	103.5	96.2	96.9	95.6	90.4

**Total also includes Intraport and Intra-territory traffic.
***Total Internal excludes waterway improvement materials, and beginning in 1996, excludes fish.

Source: USACE Waterborne Commerce Statistics Center

Domestic U.S. Waterborne Traffic

Annual Tonnage Comparisons: 2008 VS 2007

Millions of Short Tons

National Totals**	CY07	CY08	Percent Change
Domestic	1021.5	956.3	-6.38%
Lakewise	95.6	90.4	-5.48%
Coastwise	205.8	186.3	-9.46%
Intraport	93.1	86.9	-6.58%
Intra-territory	5.1	4.2	-18.08%
Internal	621.9	588.5	-5.37%

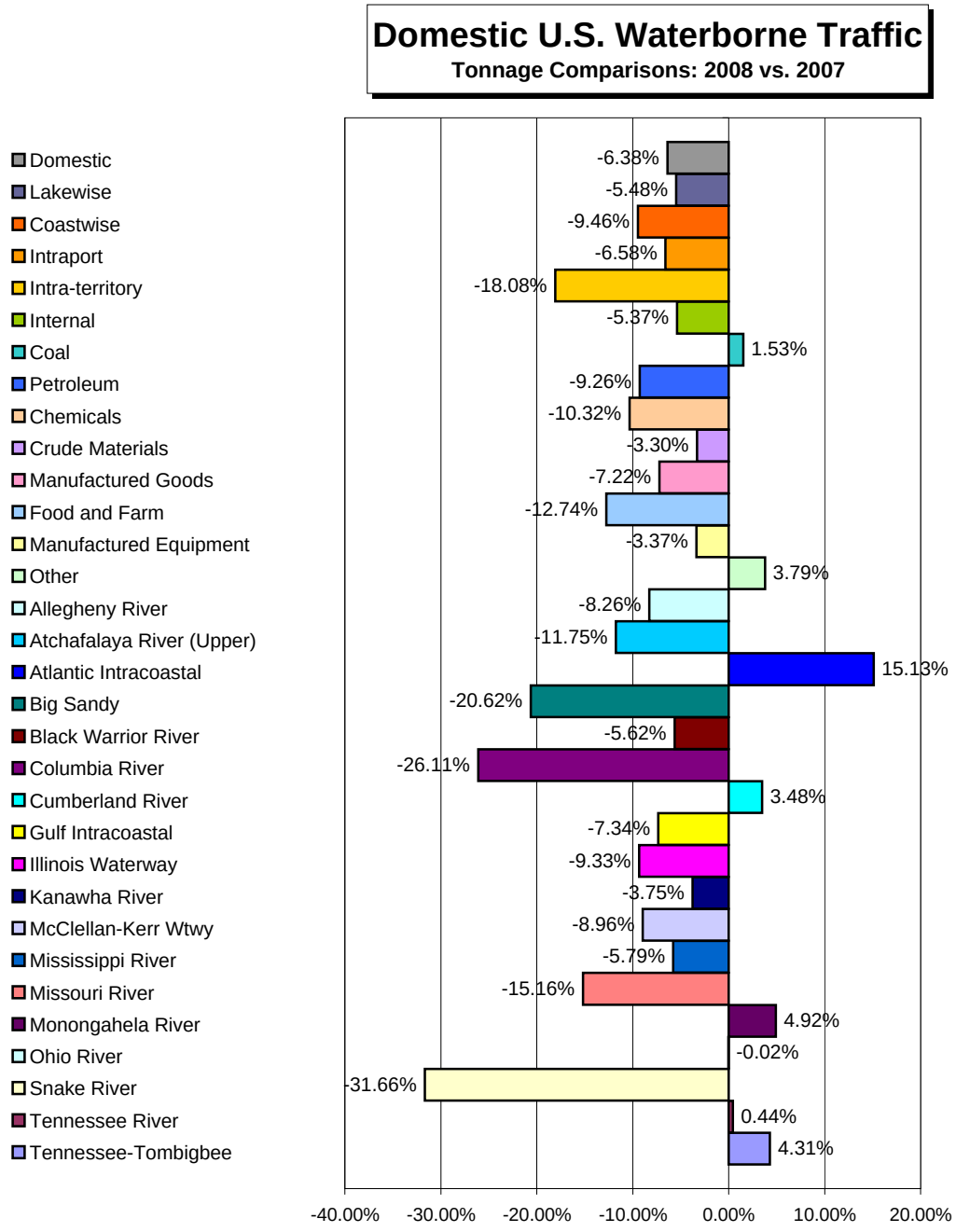
National Internal Commodities			
Coal	182.2	185.0	1.53%
Petroleum	164.8	149.5	-9.26%
Chemicals	51.0	45.7	-10.32%
Crude Materials	109.5	105.9	-3.30%
Manufactured Goods	27.0	25.1	-7.22%
Food and Farm	77.5	67.6	-12.74%
Manufactured Equipment	8.8	8.5	-3.37%
Other	1.2	1.2	3.79%

Waterways			
Allegheny River	2.7	2.5	-8.26%
Atchafalaya River (Upper)	10.9	9.6	-11.75%
Atlantic Intracoastal	2.5	2.9	15.13%
Big Sandy	21.9	17.4	-20.62%
Black Warrior River	21.1	19.9	-5.62%
Columbia River***	18.5	13.7	-26.11%
Cumberland River	22.5	23.3	3.48%
Gulf Intracoastal***	125.1	115.9	-7.34%
Illinois Waterway	41.1	37.3	-9.33%
Kanawha River	21.0	20.2	-3.75%
McClellan-Kerr Wtwy	12.1	11.0	-8.96%
Mississippi River***	313.3	295.2	-5.79%
Missouri River	6.7	5.7	-15.16%
Monongahela River	26.7	28.0	4.92%
Ohio River	230.8	230.8	-0.02%
Snake River	5.4	3.7	-31.66%
Tennessee River	49.5	49.7	0.44%
Tennessee Tombigbee	6.2	6.5	4.31%

**All National Totals exclude fish and waterway improvement materials.

***Includes domestic coastwise tonnage.

Source: USACE Waterborne Commerce Statistics Center

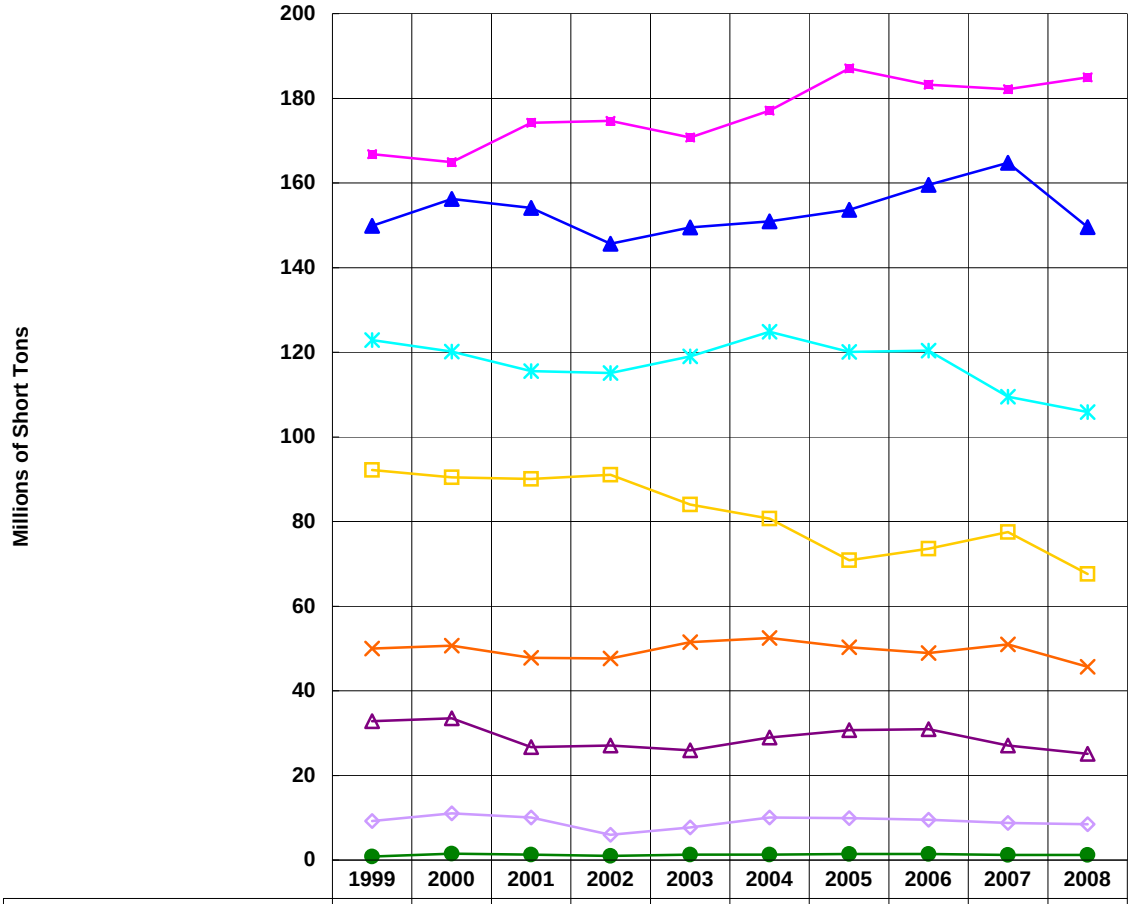


Waterway improvement materials and fish excluded from National Totals.

Source: USACE Waterborne Commerce Statistics Center

National Internal Commodities

1999-2008, Millions of Short Tons, By Commodity

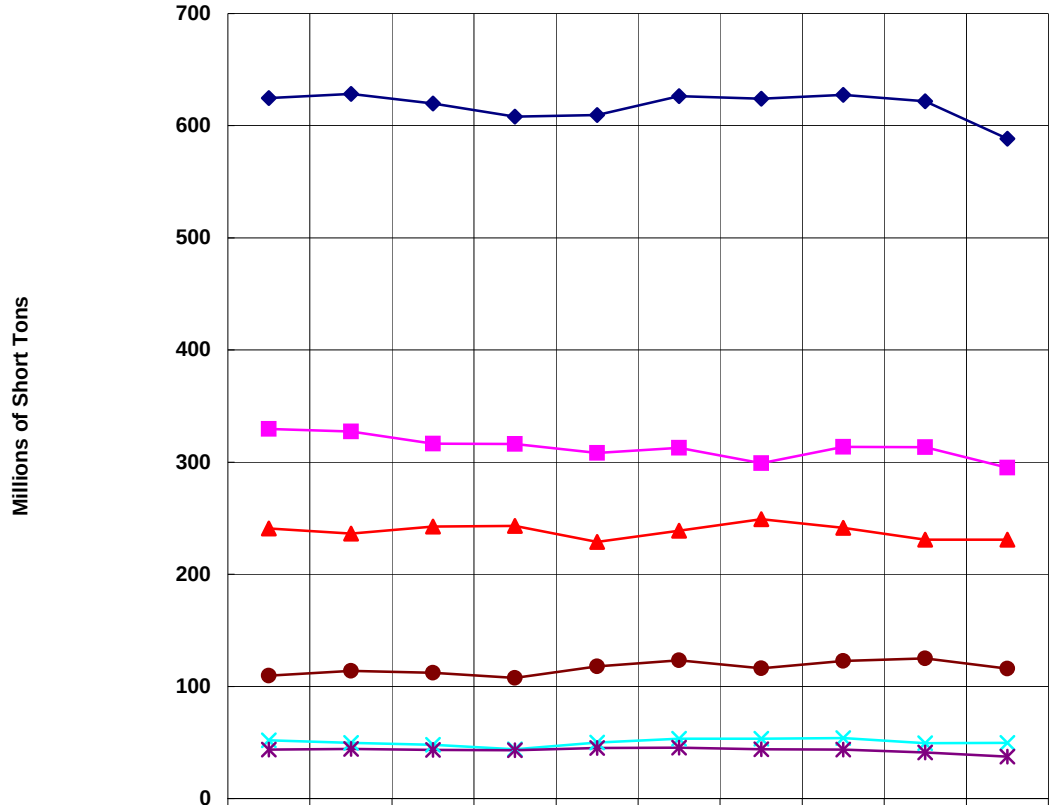


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Coal	166.79	164.90	174.21	174.64	170.70	177.06	187.03	183.24	182.16	184.96
Petroleum	149.86	156.19	154.10	145.65	149.46	150.93	153.63	159.54	164.80	149.54
Chemicals	50.01	50.67	47.80	47.61	51.49	52.46	50.27	48.94	50.96	45.70
Crude Materials	122.86	120.15	115.51	115.08	119.00	124.85	120.10	120.38	109.49	105.87
Manufactured Goods	32.81	33.51	26.73	27.09	25.91	28.98	30.73	30.92	27.04	25.09
Food and Farm	92.16	90.44	90.09	91.03	84.02	80.65	70.87	73.60	77.49	67.62
Manufactured Equipment	9.22	11.04	10.03	5.94	7.71	10.03	9.87	9.55	8.76	8.47
Other	0.86	1.54	1.32	1.00	1.30	1.29	1.47	1.44	1.19	1.24

Source: USACE Waterborne Commerce Statistics Center

Commerce on Selected Waterways

Internal Traffic, 1999-2008



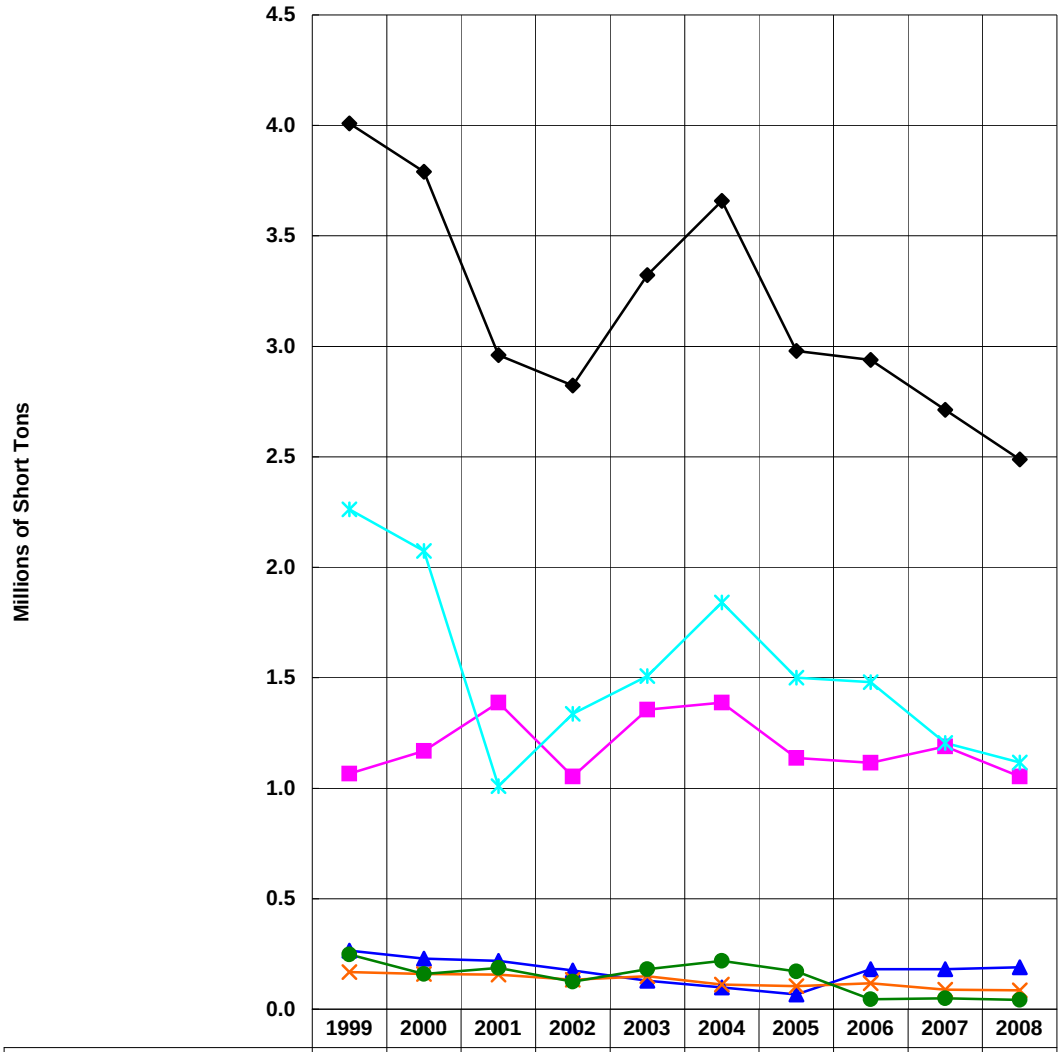
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total Internal**	624.57	628.44	619.78	608.04	609.60	626.25	623.98	627.61	621.90	588.48
Mississippi***	329.64	327.40	316.55	316.21	308.21	312.81	299.14	313.51	313.31	295.18
Ohio	240.79	236.30	242.50	243.15	228.77	238.98	249.21	241.54	230.84	230.80
Tennessee	51.81	49.55	47.92	43.94	49.83	53.34	53.23	53.97	49.45	49.67
Illinois	43.72	44.22	43.49	43.03	44.99	45.23	44.02	43.58	41.12	37.28
GIWW***	109.64	113.76	112.18	107.65	117.84	123.30	116.07	122.57	125.06	115.88

**Total Internal excludes waterway improvement materials, and beginning in 1996, excludes fish.
***Includes domestic coastwise tonnage.

Source: USACE Waterborne Commerce Statistics Center

Allegheny River - Totals

1999-2008, Millions of Short Tons, By Commodity

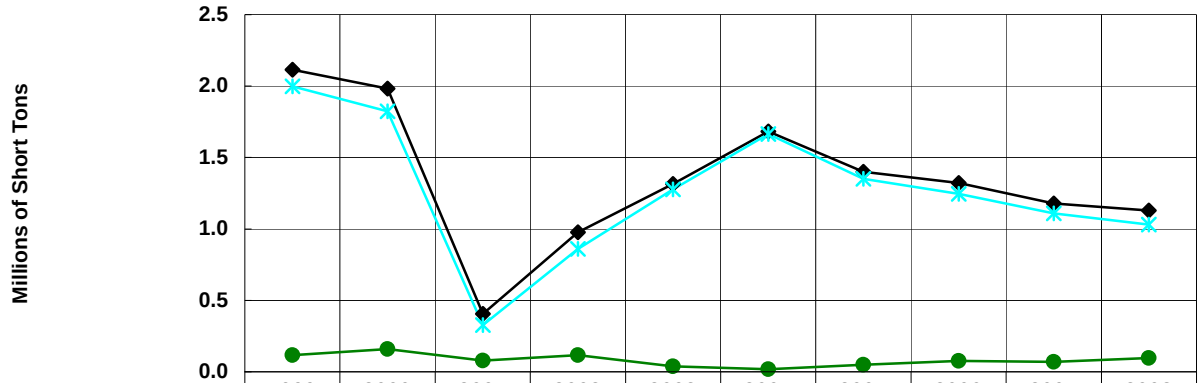


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	4.01	3.79	2.96	2.82	3.32	3.66	2.98	2.94	2.71	2.49
Coal	1.07	1.17	1.39	1.05	1.36	1.39	1.14	1.11	1.19	1.05
Petro & Petro Products	0.27	0.23	0.22	0.17	0.13	0.10	0.07	0.18	0.18	0.19
Chemicals	0.17	0.16	0.16	0.13	0.15	0.11	0.10	0.12	0.09	0.09
Crude Materials	2.26	2.07	1.01	1.34	1.51	1.84	1.50	1.48	1.21	1.12
Other	0.25	0.16	0.19	0.13	0.18	0.22	0.17	0.05	0.05	0.04

Source: USACE Waterborne Commerce Statistics Center

Allegheny River - Downbound

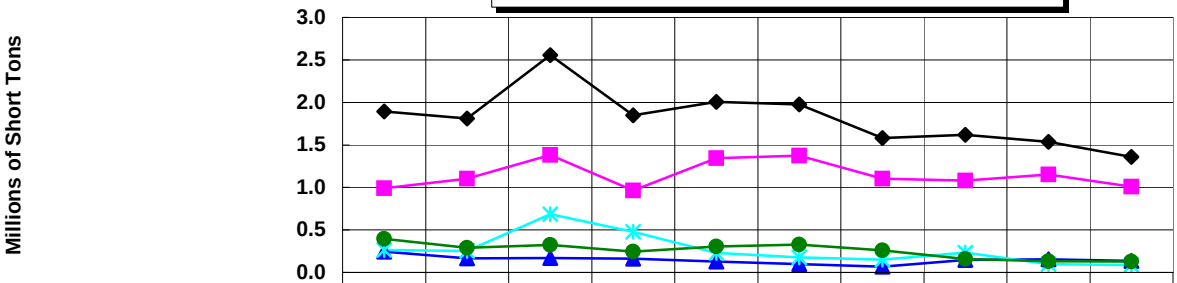
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	2.12	1.98	0.41	0.98	1.32	1.68	1.40	1.32	1.18	1.13
Crude Materials	2.00	1.82	0.33	0.86	1.28	1.66	1.35	1.25	1.11	1.03
Other	0.12	0.16	0.08	0.12	0.04	0.02	0.05	0.08	0.07	0.10

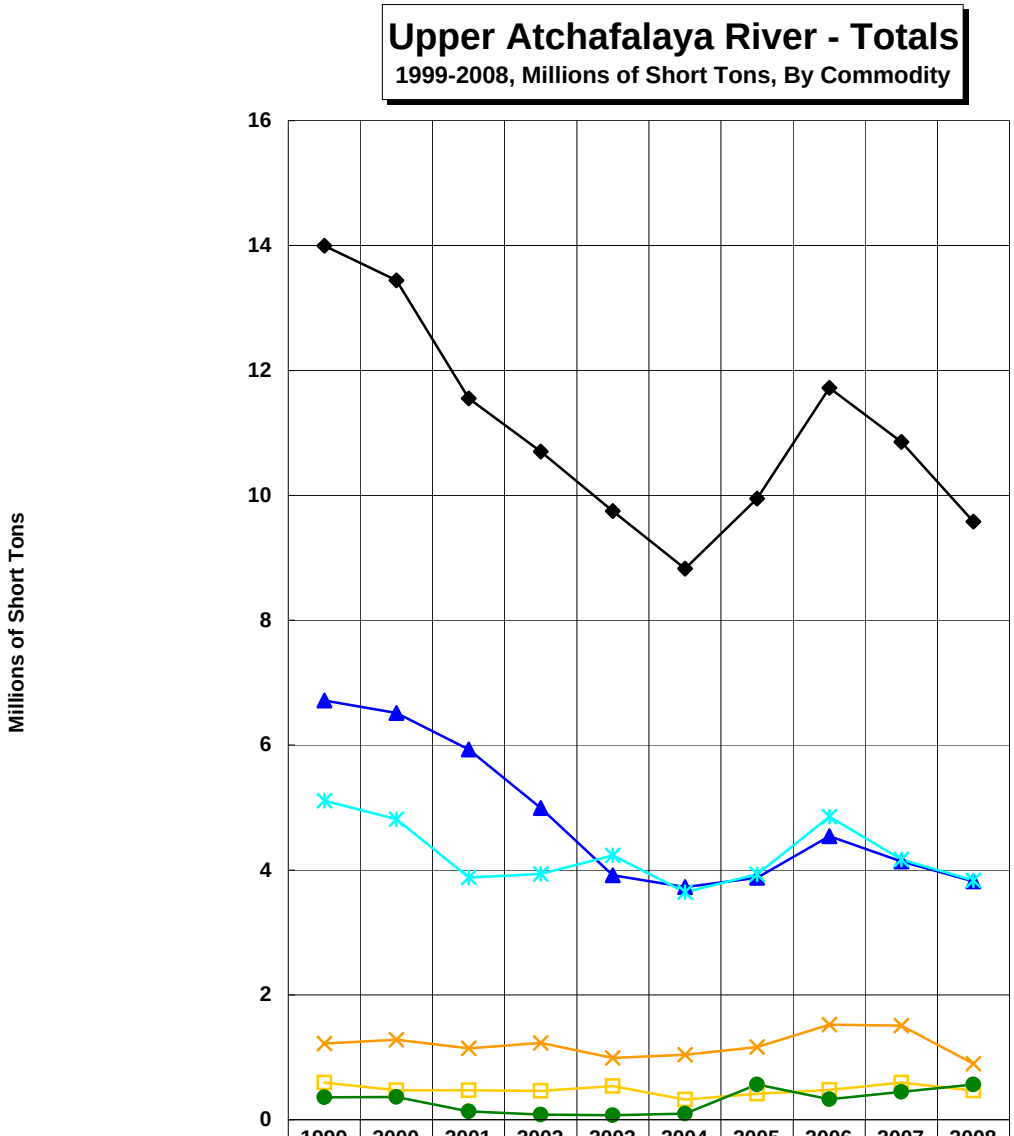
Allegheny River - Upbound

1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	1.89	1.81	2.56	1.85	2.01	1.98	1.58	1.62	1.53	1.36
Coal	0.99	1.10	1.38	0.96	1.34	1.37	1.10	1.08	1.15	1.01
Petro & Petro Products	0.24	0.16	0.17	0.16	0.13	0.10	0.07	0.15	0.15	0.14
Crude Materials	0.26	0.25	0.68	0.48	0.23	0.18	0.15	0.23	0.10	0.09
Other	0.40	0.29	0.32	0.24	0.31	0.33	0.26	0.16	0.13	0.13

Source: USACE Waterborne Commerce Statistics Center

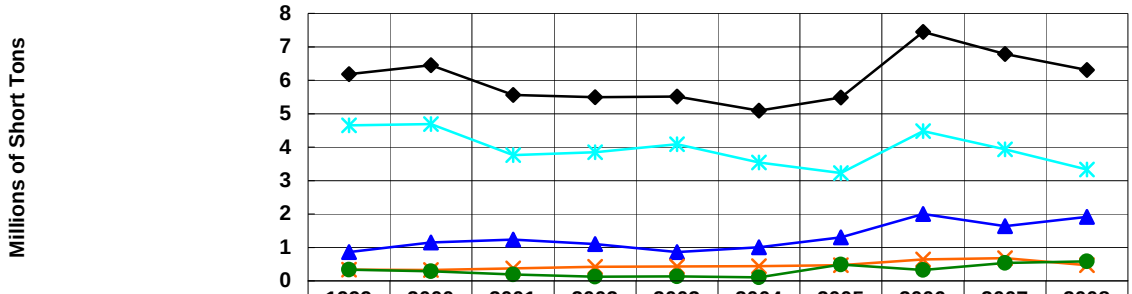


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	14.00	13.44	11.55	10.70	9.75	8.83	9.95	11.72	10.85	9.58
Petro & Petro Products	6.71	6.51	5.93	4.99	3.92	3.72	3.87	4.54	4.13	3.82
Chemicals	1.22	1.28	1.14	1.23	0.99	1.04	1.16	1.52	1.51	0.90
Crude Materials	5.11	4.81	3.88	3.93	4.23	3.64	3.93	4.85	4.17	3.83
Food & Farm	0.60	0.47	0.47	0.46	0.54	0.32	0.42	0.48	0.60	0.47
Other	0.36	0.36	0.13	0.08	0.07	0.10	0.57	0.33	0.45	0.56

Source: USACE Waterborne Commerce Statistics Center

Upper Atchafalaya River - Downbound

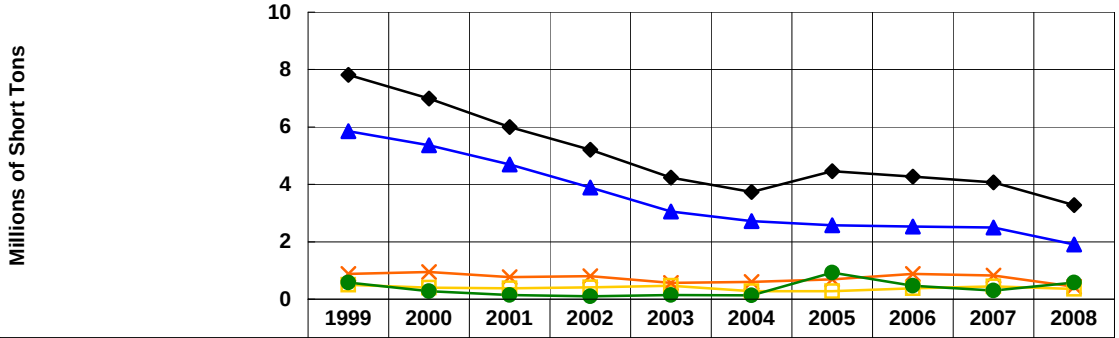
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	6.18	6.45	5.56	5.49	5.51	5.09	5.48	7.44	6.78	6.30
Petro & Petro Products	0.86	1.15	1.24	1.10	0.86	1.01	1.30	2.00	1.64	1.92
Chemicals	0.33	0.33	0.37	0.42	0.43	0.44	0.47	0.64	0.68	0.47
Crude Materials	4.65	4.69	3.76	3.84	4.09	3.54	3.23	4.48	3.93	3.33
Other	0.33	0.28	0.19	0.13	0.13	0.11	0.49	0.32	0.53	0.59

Upper Atchafalaya River - Upbound

1999-2008, Millions of Short Tons, By Commodity

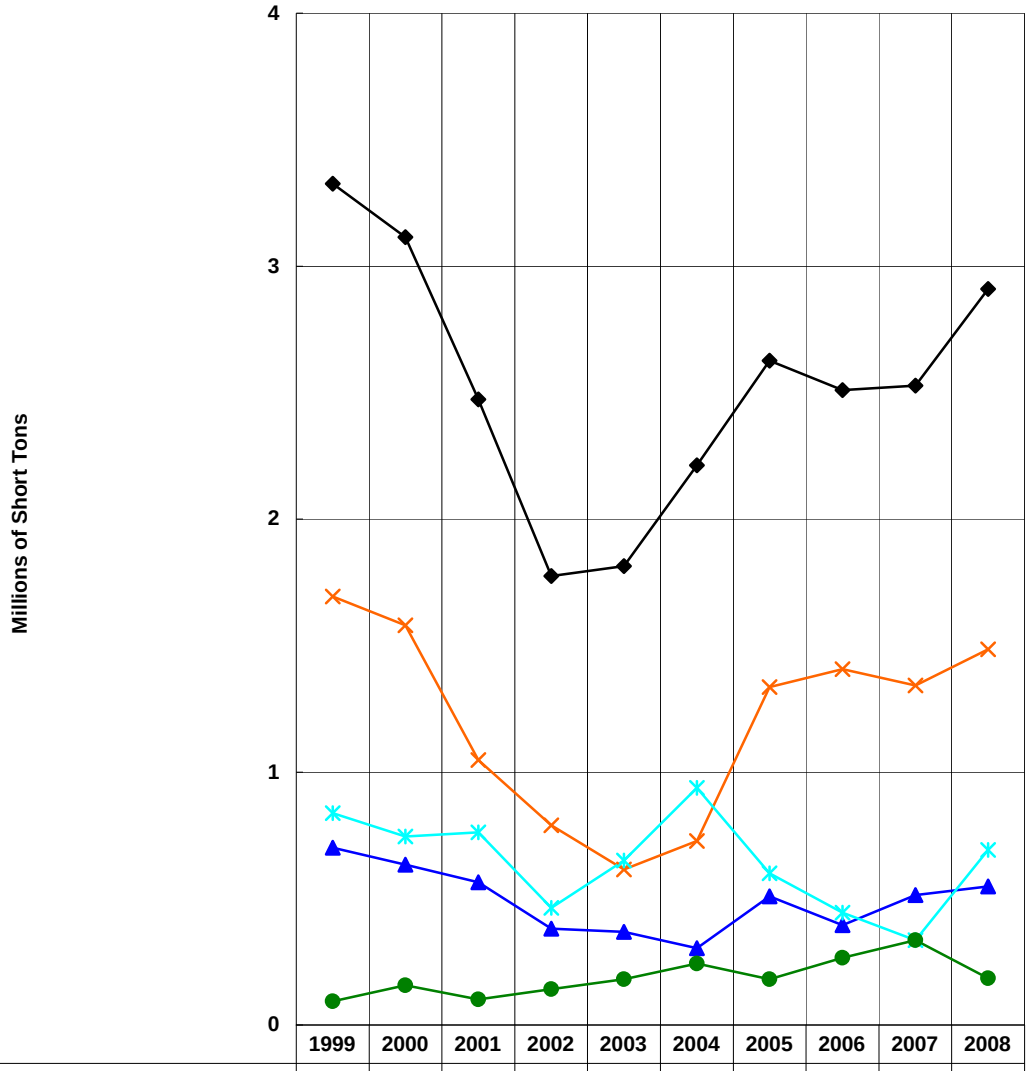


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	7.82	6.99	5.99	5.21	4.23	3.73	4.46	4.27	4.07	3.27
Petro & Petro Products	5.85	5.36	4.70	3.89	3.05	2.72	2.57	2.53	2.49	1.90
Chemicals	0.89	0.95	0.77	0.80	0.56	0.60	0.69	0.89	0.83	0.43
Food & Farm	0.50	0.40	0.38	0.41	0.47	0.28	0.27	0.38	0.44	0.36
Other	0.58	0.28	0.15	0.10	0.15	0.14	0.92	0.47	0.30	0.58

Source: USACE Waterborne Commerce Statistics Center

Atlantic Intracoastal Waterway Totals

1999-2008, Millions of Short Tons, By Commodity

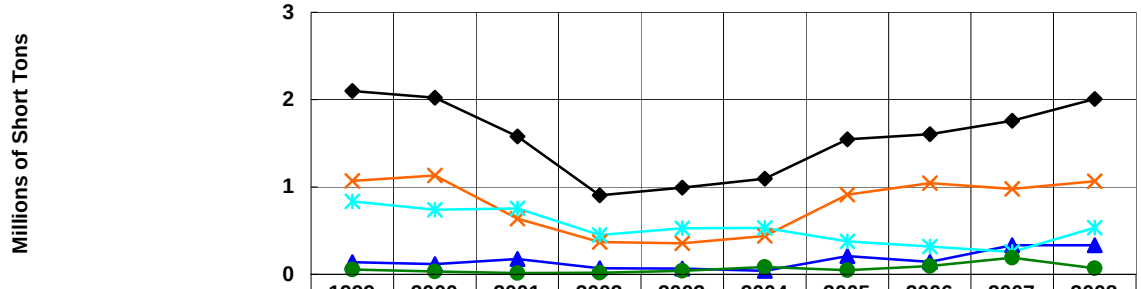


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	3.33	3.12	2.47	1.78	1.81	2.21	2.63	2.51	2.53	2.91
Petro & Petro Products	0.70	0.63	0.56	0.38	0.37	0.30	0.51	0.39	0.51	0.55
Chemicals	1.69	1.58	1.05	0.79	0.62	0.73	1.34	1.41	1.34	1.49
Crude Materials	0.84	0.74	0.76	0.46	0.65	0.94	0.60	0.44	0.34	0.69
Other	0.09	0.16	0.10	0.14	0.18	0.24	0.18	0.27	0.34	0.18

Source: USACE Waterborne Commerce Statistics Center

Atlantic Intracoastal Waterway

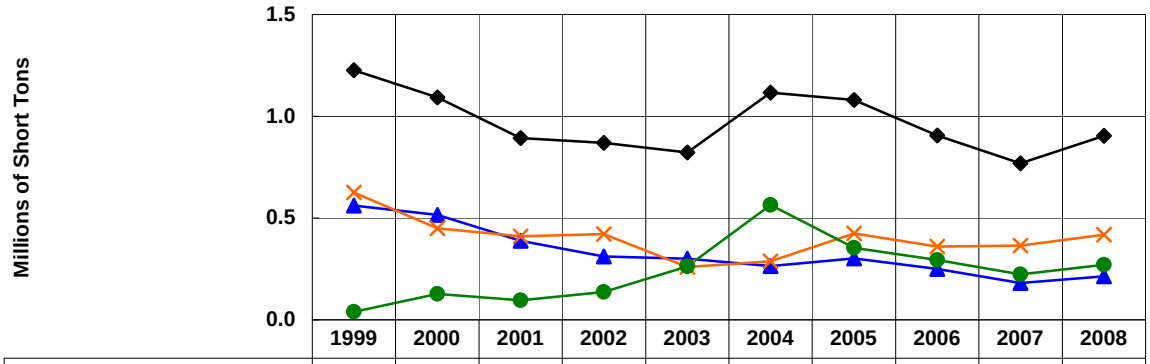
Southbound 1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	2.10	2.02	1.58	0.91	0.99	1.10	1.55	1.60	1.76	2.01
Petro & Petro Products	0.14	0.12	0.18	0.07	0.07	0.04	0.21	0.14	0.33	0.33
Chemicals	1.07	1.13	0.64	0.37	0.36	0.44	0.91	1.05	0.98	1.07
Crude Materials	0.83	0.74	0.75	0.45	0.53	0.53	0.38	0.32	0.26	0.53
Other	0.06	0.03	0.01	0.02	0.04	0.08	0.05	0.10	0.19	0.07

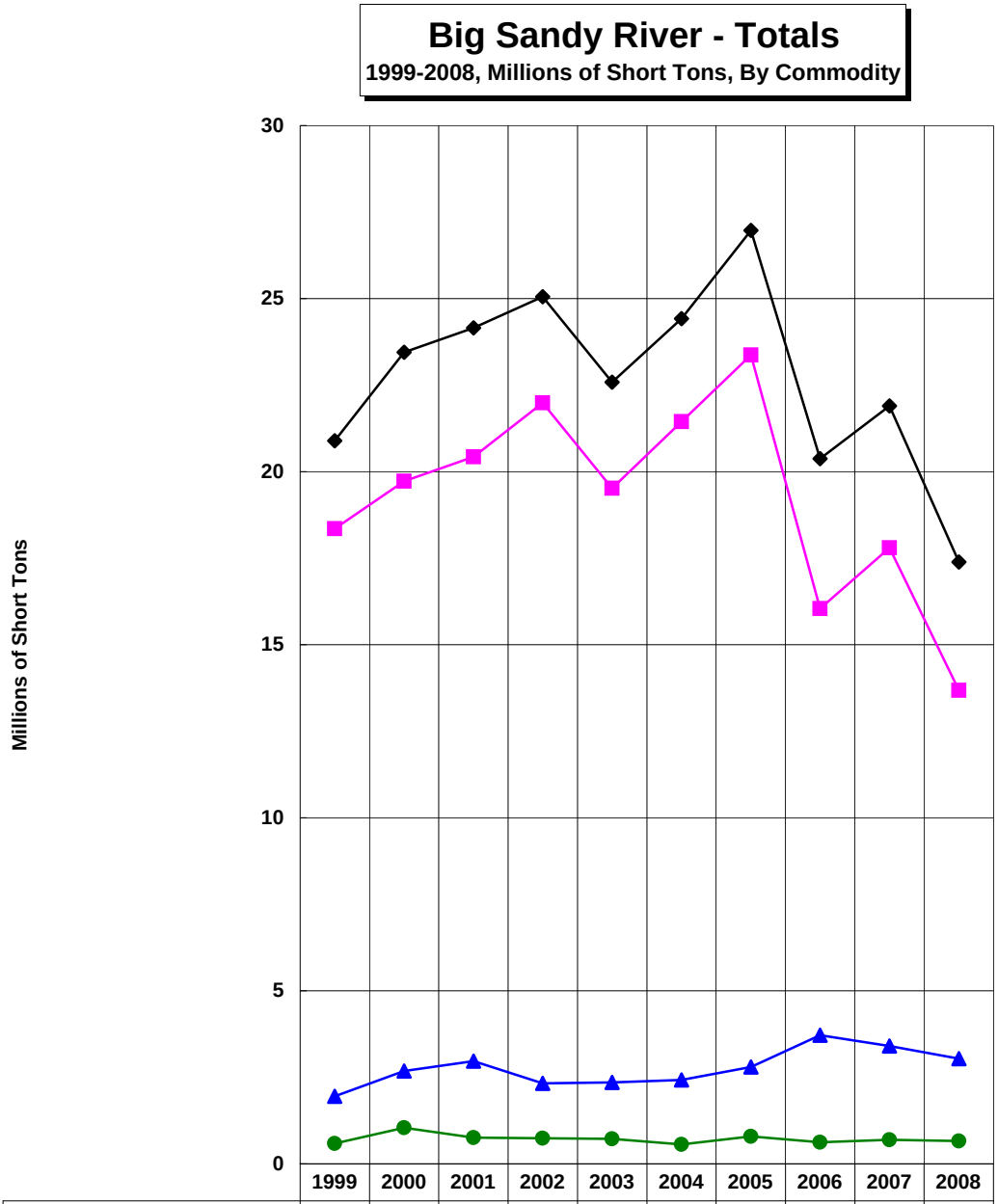
Atlantic Intracoastal Waterway

Northbound 1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	1.23	1.09	0.89	0.87	0.82	1.12	1.08	0.91	0.77	0.90
Petro & Petro Products	0.56	0.52	0.39	0.31	0.30	0.26	0.30	0.25	0.18	0.21
Chemicals	0.63	0.45	0.41	0.42	0.26	0.29	0.43	0.36	0.36	0.42
Other	0.04	0.13	0.10	0.14	0.26	0.56	0.35	0.29	0.22	0.27

Source: USACE Waterborne Commerce Statistics Center

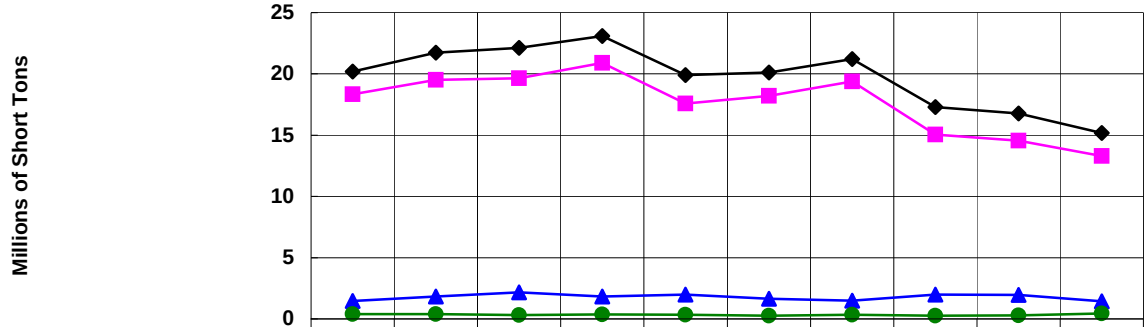


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	20.89	23.45	24.16	25.05	22.58	24.42	26.97	20.38	21.90	17.38
Coal	18.35	19.72	20.43	21.99	19.51	21.44	23.37	16.04	17.80	13.68
Petro & Petro Products	1.95	2.69	2.97	2.33	2.35	2.42	2.80	3.71	3.41	3.04
Other	0.59	1.04	0.76	0.74	0.72	0.56	0.79	0.62	0.69	0.66

Source: USACE Waterborne Commerce Statistics Center

Big Sandy River - Downbound

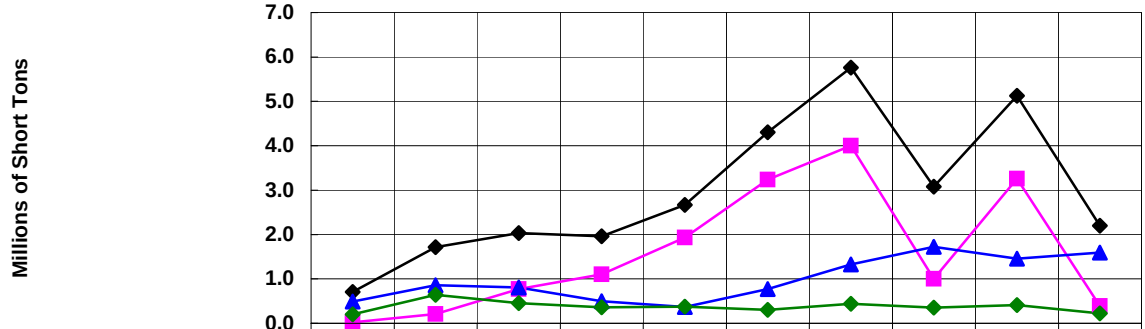
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	20.19	21.74	22.13	23.09	19.91	20.12	21.21	17.30	16.77	15.18
Coal	18.33	19.51	19.65	20.89	17.59	18.21	19.38	15.04	14.54	13.30
Petro & Petro Products	1.46	1.83	2.17	1.83	1.98	1.65	1.48	1.99	1.95	1.44
Other	0.39	0.40	0.30	0.37	0.35	0.25	0.35	0.27	0.28	0.44

Big Sandy River - Upbound

1999-2008, Millions of Short Tons, By Commodity

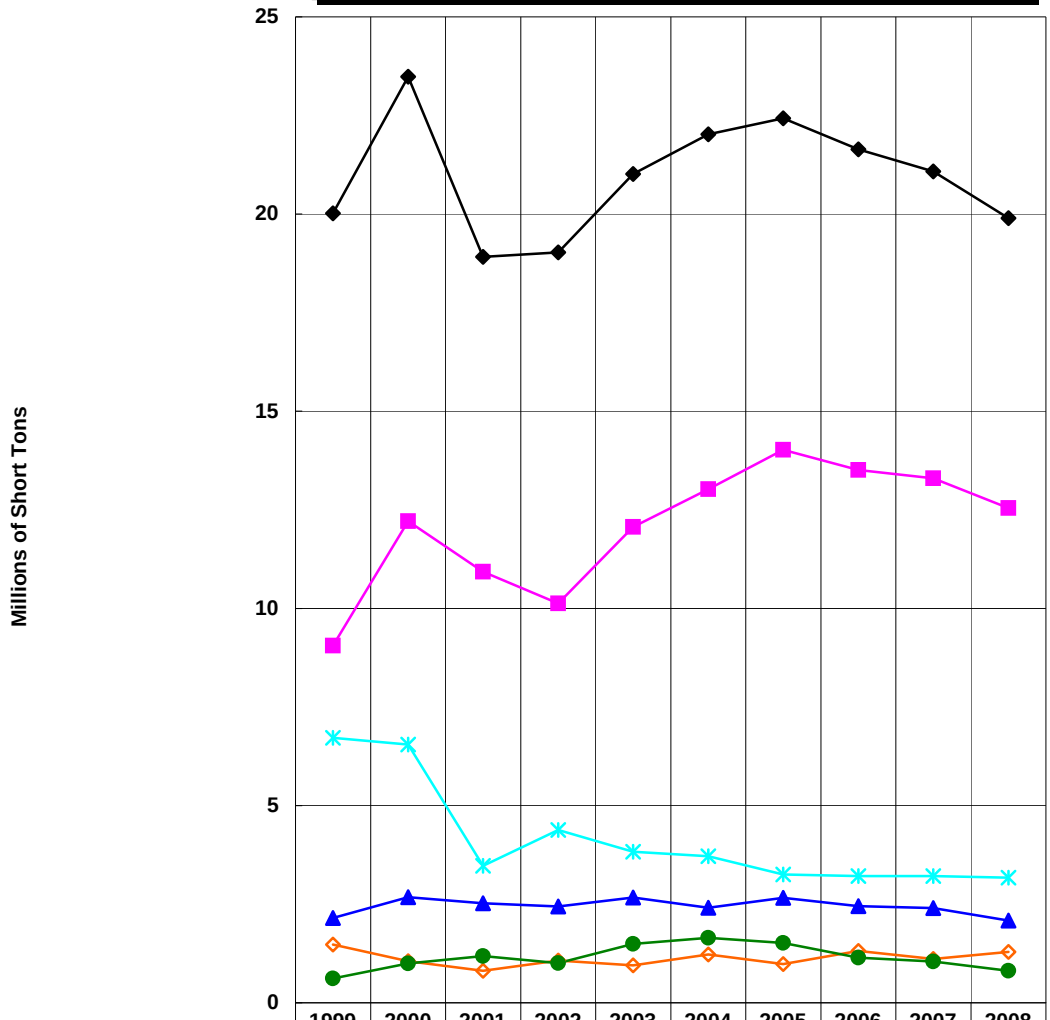


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	0.71	1.71	2.03	1.96	2.67	4.31	5.76	3.08	5.13	2.20
Coal	0.02	0.21	0.77	1.10	1.93	3.23	4.00	1.00	3.26	0.39
Petro & Petro Products	0.49	0.86	0.80	0.50	0.37	0.77	1.32	1.73	1.46	1.59
Other	0.20	0.64	0.45	0.36	0.37	0.30	0.44	0.35	0.41	0.22

Source: USACE Waterborne Commerce Statistics Center

Black Warrior & Tombigbee Rivers Totals

1999-2008, Millions of Short Tons, By Commodity

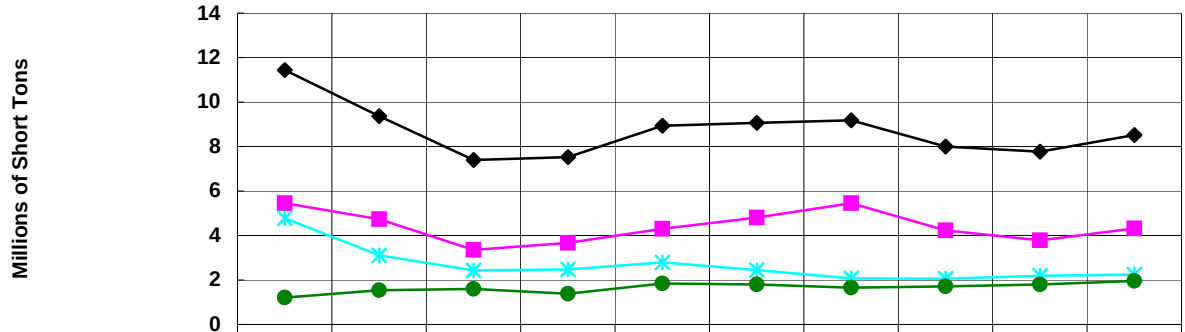


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	20.01	23.48	18.91	19.03	21.01	22.02	22.43	21.64	21.08	19.90
Coal	9.05	12.21	10.93	10.13	12.07	13.02	14.02	13.51	13.30	12.54
Petro & Petro Products	2.15	2.68	2.53	2.44	2.67	2.41	2.66	2.45	2.41	2.08
Crude Materials	6.72	6.55	3.47	4.38	3.83	3.72	3.25	3.21	3.21	3.17
Manufactured Goods	1.47	1.05	0.81	1.07	0.95	1.22	0.98	1.32	1.11	1.29
Other	0.62	1.00	1.18	1.01	1.49	1.65	1.52	1.15	1.05	0.81

Source: USACE Waterborne Commerce Statistics Center

Black Warrior & Tombigbee Rivers

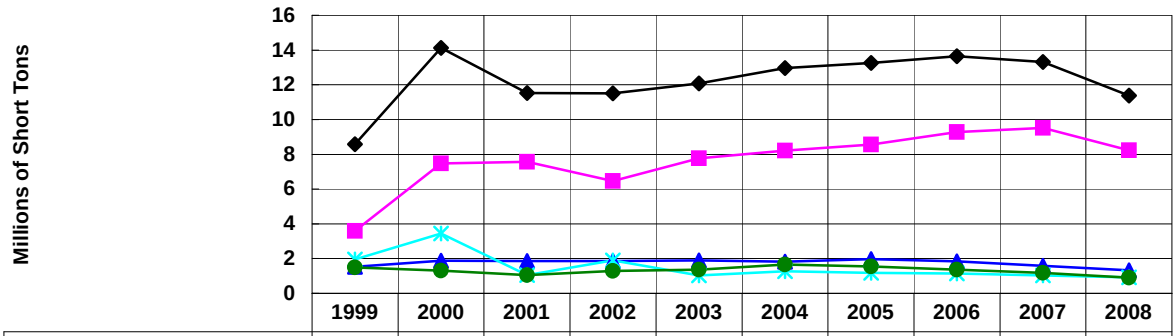
Downbound, 1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	11.44	9.37	7.39	7.53	8.94	9.06	9.18	8.00	7.77	8.52
Coal	5.45	4.73	3.36	3.67	4.30	4.81	5.46	4.23	3.78	4.32
Crude Materials	4.77	3.10	2.43	2.48	2.79	2.45	2.07	2.06	2.19	2.25
Other	1.21	1.54	1.60	1.38	1.84	1.80	1.65	1.71	1.80	1.95

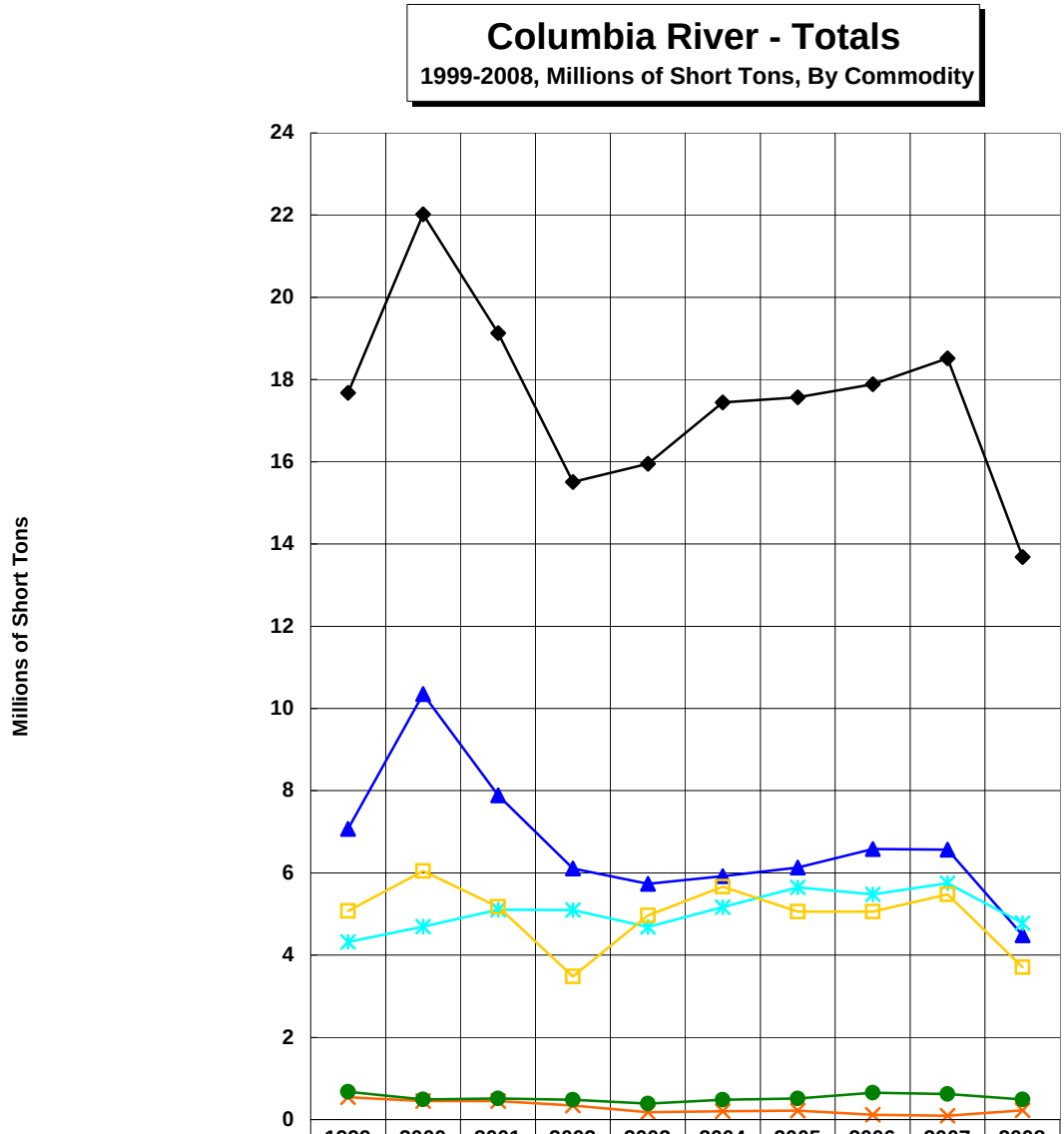
Black Warrior & Tombigbee Rivers

Upbound, Millions of Short Tons, 1999-2008, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	8.58	14.12	11.52	11.50	12.08	12.96	13.25	13.64	13.31	11.38
Coal	3.60	7.48	7.57	6.46	7.76	8.21	8.56	9.28	9.52	8.22
Petro & Petro Products	1.54	1.87	1.87	1.86	1.90	1.83	1.97	1.84	1.59	1.33
Crude Materials	1.95	3.45	1.04	1.90	1.04	1.27	1.18	1.15	1.02	0.92
Other	1.49	1.31	1.05	1.29	1.37	1.65	1.54	1.37	1.18	0.90

Source: USACE Waterborne Commerce Statistics Center



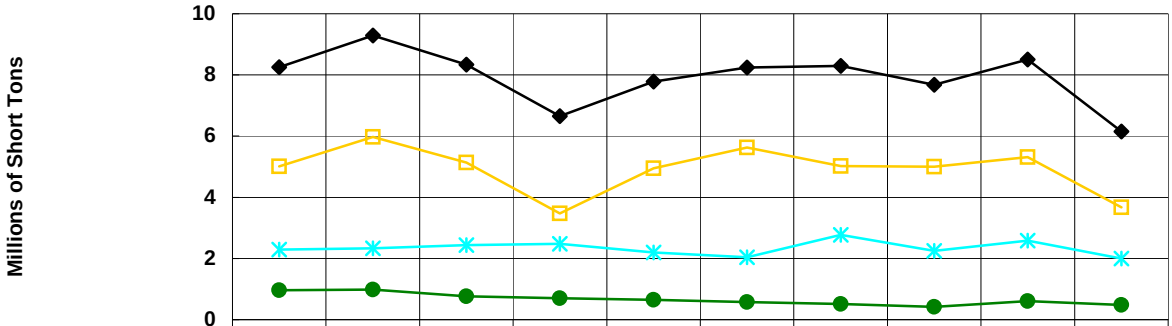
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	17.68	22.02	19.13	15.51	15.95	17.44	17.56	17.89	18.51	13.68
Petro & Petro Products	7.07	10.35	7.88	6.11	5.74	5.92	6.13	6.58	6.56	4.48
Chemicals	0.54	0.45	0.45	0.34	0.18	0.20	0.22	0.12	0.09	0.23
Crude Materials	4.32	4.69	5.11	5.10	4.69	5.17	5.65	5.48	5.75	4.78
Food & Farm	5.07	6.05	5.17	3.48	4.96	5.66	5.06	5.06	5.48	3.71
Other	0.68	0.49	0.51	0.48	0.39	0.48	0.51	0.65	0.62	0.49

Domestic tonnage only (including coastwise).

Source: USACE Waterborne Commerce Statistics Center

Columbia River - Downbound

1999-2008, Millions of Short Tons, By Commodity

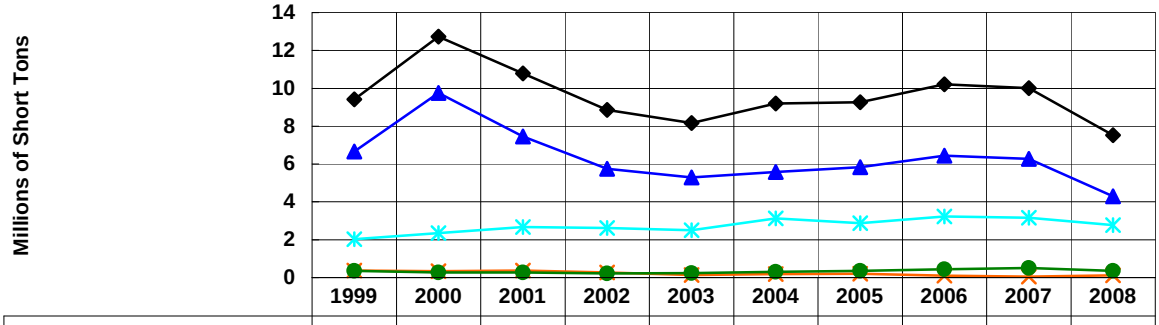


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	8.26	9.29	8.34	6.65	7.79	8.24	8.30	7.68	8.50	6.15
Crude Materials	2.29	2.33	2.44	2.48	2.19	2.04	2.77	2.25	2.58	2.00
Food & Farm	5.01	5.98	5.13	3.47	4.95	5.63	5.02	5.00	5.31	3.67
Other	0.96	0.98	0.77	0.70	0.65	0.57	0.51	0.42	0.61	0.48

Domestic tonnage only (including coastwise).

Columbia River - Upbound

1999-2008, Millions of Short Tons, By Commodity

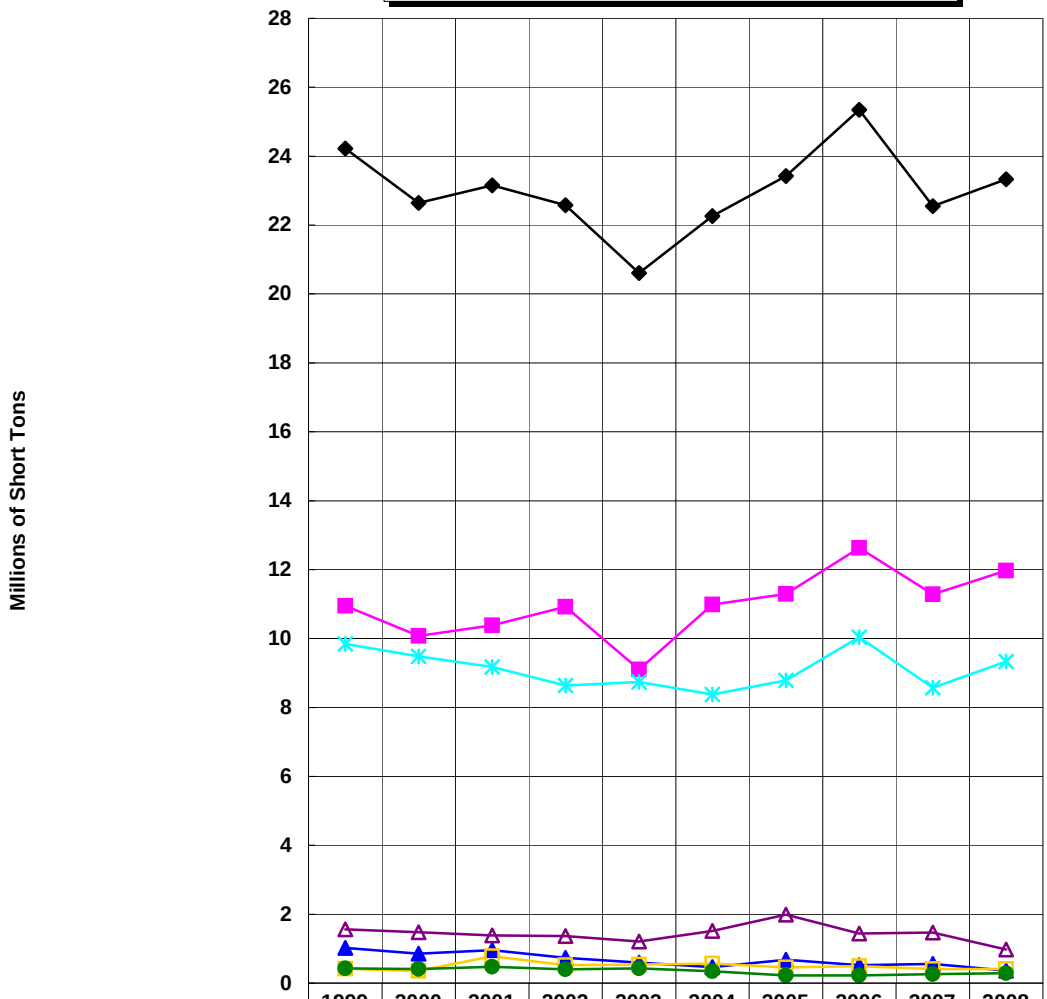


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	9.42	12.73	10.79	8.85	8.17	9.20	9.27	10.21	10.01	7.53
Petro & Petro Products	6.66	9.76	7.46	5.75	5.30	5.58	5.82	6.45	6.28	4.29
Chemicals	0.38	0.33	0.38	0.27	0.14	0.18	0.21	0.10	0.05	0.11
Crude Materials	2.03	2.36	2.67	2.62	2.50	3.13	2.88	3.23	3.17	2.78
Other	0.35	0.28	0.28	0.22	0.23	0.31	0.36	0.44	0.51	0.36

Domestic tonnage only (including coastwise).

Cumberland River - Totals

1999-2008, Millions of Short Tons, By Commodity

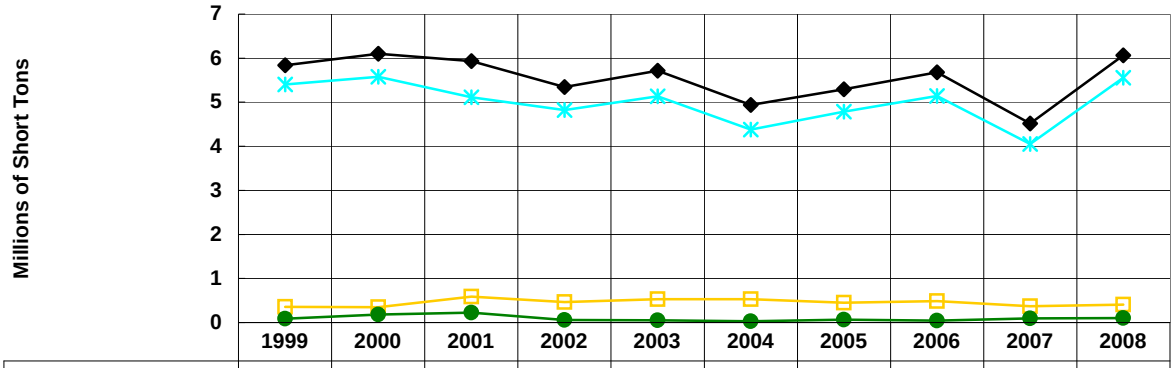


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	24.22	22.65	23.15	22.57	20.60	22.26	23.42	25.35	22.55	23.33
Coal	10.95	10.08	10.38	10.92	9.10	10.99	11.29	12.63	11.28	11.97
Petro & Petro Products	1.02	0.85	0.95	0.73	0.59	0.47	0.68	0.52	0.56	0.37
Crude Materials	9.84	9.48	9.17	8.64	8.74	8.38	8.79	10.04	8.57	9.33
Manufactured Goods	1.56	1.48	1.39	1.37	1.20	1.51	1.98	1.44	1.47	0.97
Food & Farm	0.42	0.35	0.78	0.52	0.54	0.57	0.46	0.49	0.41	0.41
Other	0.43	0.41	0.47	0.40	0.43	0.35	0.22	0.22	0.26	0.29

Source: USACE Waterborne Commerce Statistics Center

Cumberland River - Downbound

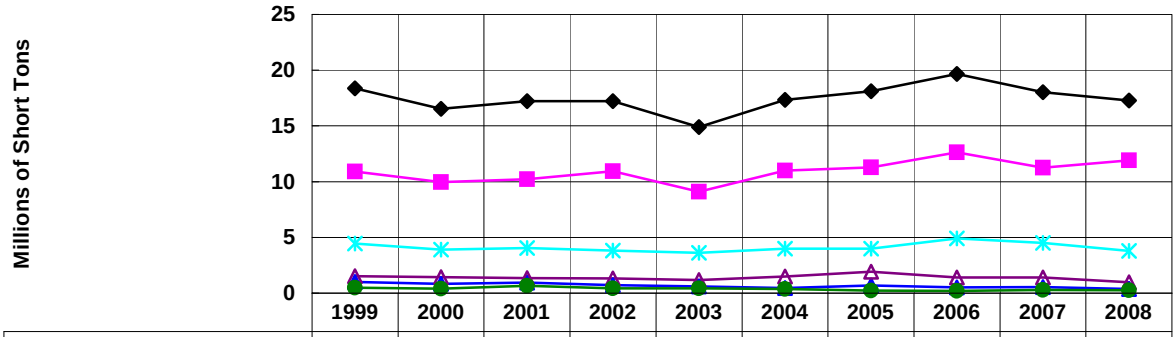
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	5.84	6.10	5.93	5.35	5.71	4.94	5.29	5.68	4.52	6.06
Crude Materials	5.40	5.58	5.11	4.82	5.13	4.38	4.78	5.14	4.05	5.55
Food & Farm	0.35	0.35	0.59	0.47	0.53	0.53	0.45	0.49	0.37	0.41
Other	0.09	0.18	0.23	0.06	0.05	0.03	0.06	0.05	0.10	0.10

Cumberland River - Upbound

1999-2008, Millions of Short Tons, By Commodity

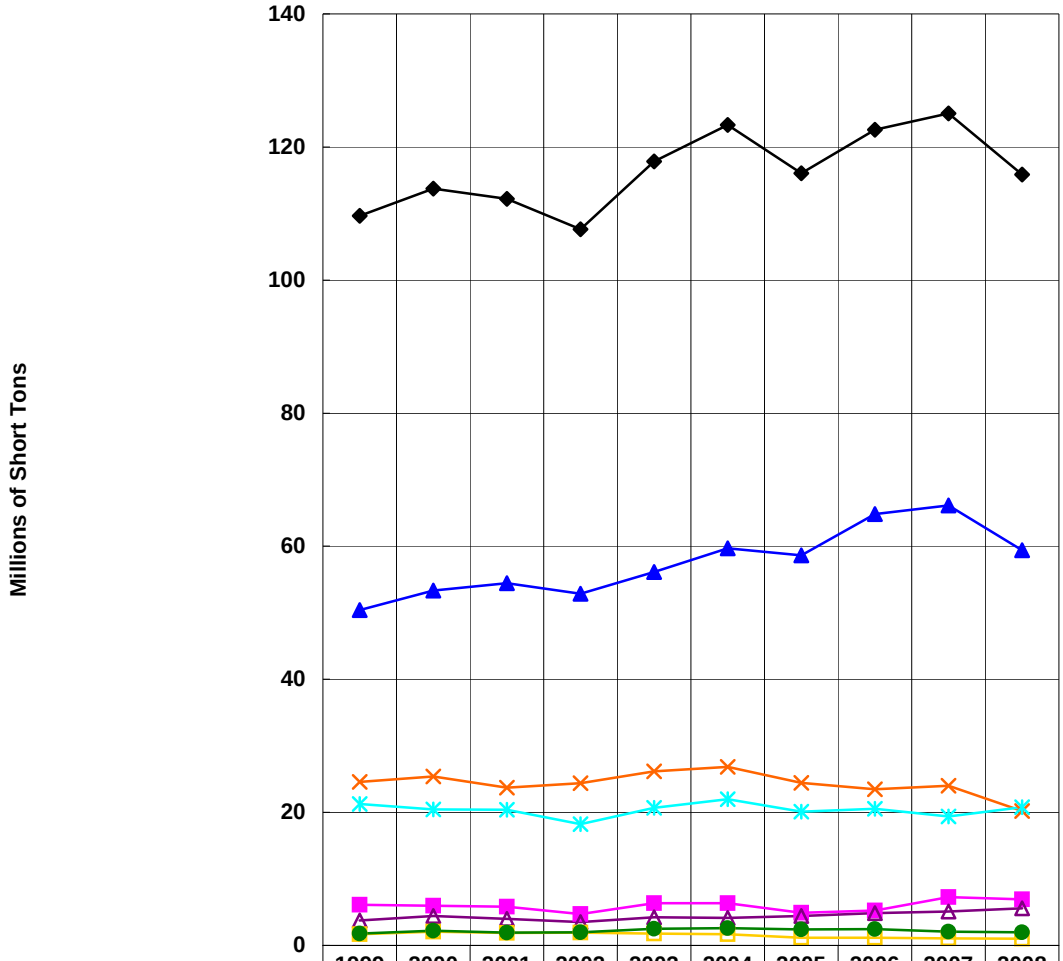


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	18.38	16.54	17.22	17.23	14.89	17.33	18.12	19.67	18.03	17.27
Coal	10.92	9.96	10.23	10.92	9.10	10.99	11.29	12.62	11.25	11.90
Petro & Petro Products	1.02	0.84	0.94	0.72	0.59	0.47	0.68	0.52	0.55	0.37
Crude Materials	4.44	3.90	4.06	3.82	3.61	4.00	4.00	4.89	4.51	3.78
Manufactured Goods	1.52	1.43	1.34	1.32	1.16	1.49	1.94	1.42	1.42	0.96
Other	0.48	0.41	0.65	0.44	0.43	0.38	0.22	0.21	0.29	0.26

Source: USACE Waterborne Commerce Statistics Center

Gulf Intracoastal Waterway Totals

1999-2008, Millions of Short Tons, By Commodity



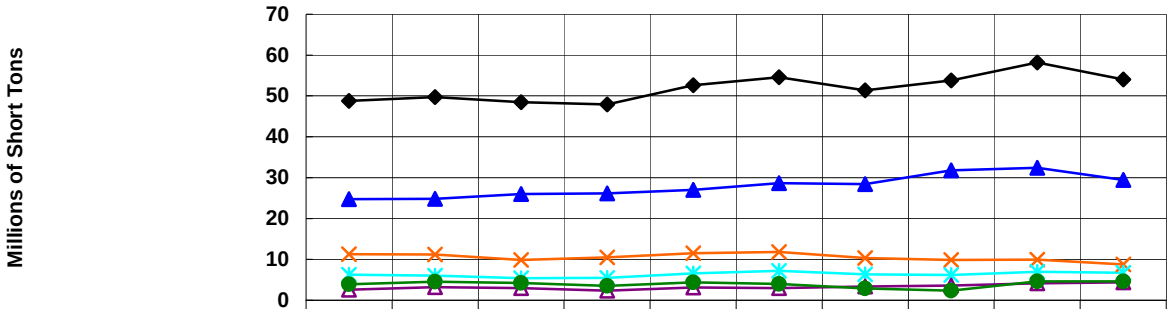
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	109.64	113.76	112.18	107.65	117.84	123.30	116.07	122.57	125.06	115.88
Coal	6.13	5.94	5.80	4.71	6.36	6.36	4.92	5.25	7.26	6.92
Petro & Petro Products	50.41	53.32	54.45	52.88	56.14	59.70	58.63	64.81	66.12	59.40
Chemicals	24.57	25.37	23.71	24.37	26.16	26.83	24.44	23.49	24.02	20.19
Crude Materials	21.26	20.43	20.38	18.24	20.66	21.97	20.09	20.52	19.40	20.76
Manufactured Goods	3.77	4.43	4.01	3.53	4.25	4.16	4.43	4.88	5.12	5.60
Food & Farm	1.70	2.06	1.88	1.94	1.78	1.66	1.14	1.16	1.07	1.03
Other	1.80	2.21	1.94	1.99	2.50	2.62	2.41	2.47	2.07	1.98

Includes coastwise tonnage.

Source: USACE Waterborne Commerce Statistics Center

Gulf Intracoastal Waterway Westbound

1999-2008, Millions of Short Tons,By Commodity

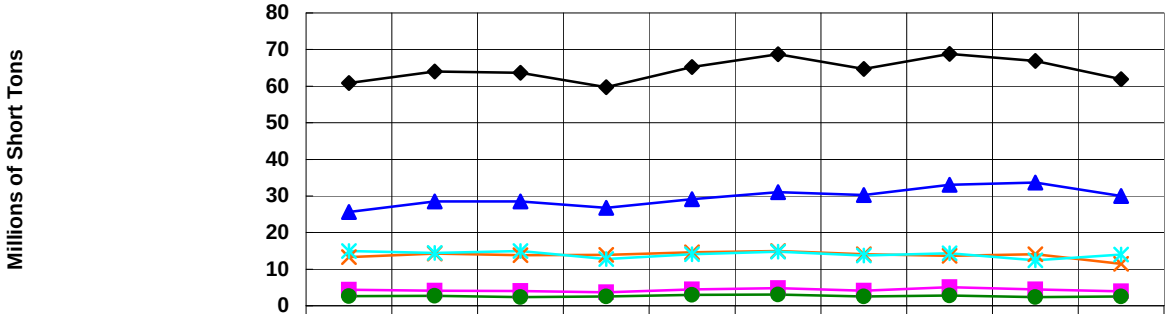


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	48.79	49.74	48.51	47.94	52.58	54.58	51.33	53.77	58.15	54.00
Petro & Petro Products	24.76	24.82	25.99	26.12	26.99	28.62	28.39	31.78	32.45	29.45
Chemicals	11.25	11.16	9.89	10.49	11.52	11.84	10.33	9.84	9.96	8.77
Crude Materials	6.30	6.00	5.43	5.44	6.58	7.19	6.36	6.21	6.97	6.75
Manufactured Goods	2.60	3.19	2.96	2.36	3.13	2.95	3.38	3.61	4.16	4.37
Other	3.89	4.58	4.24	3.52	4.36	3.98	2.88	2.33	4.60	4.66

Includes coastwise tonnage.

Gulf Intracoastal Waterway Eastbound

1999-2008, Millions of Short Tons, By Commodity

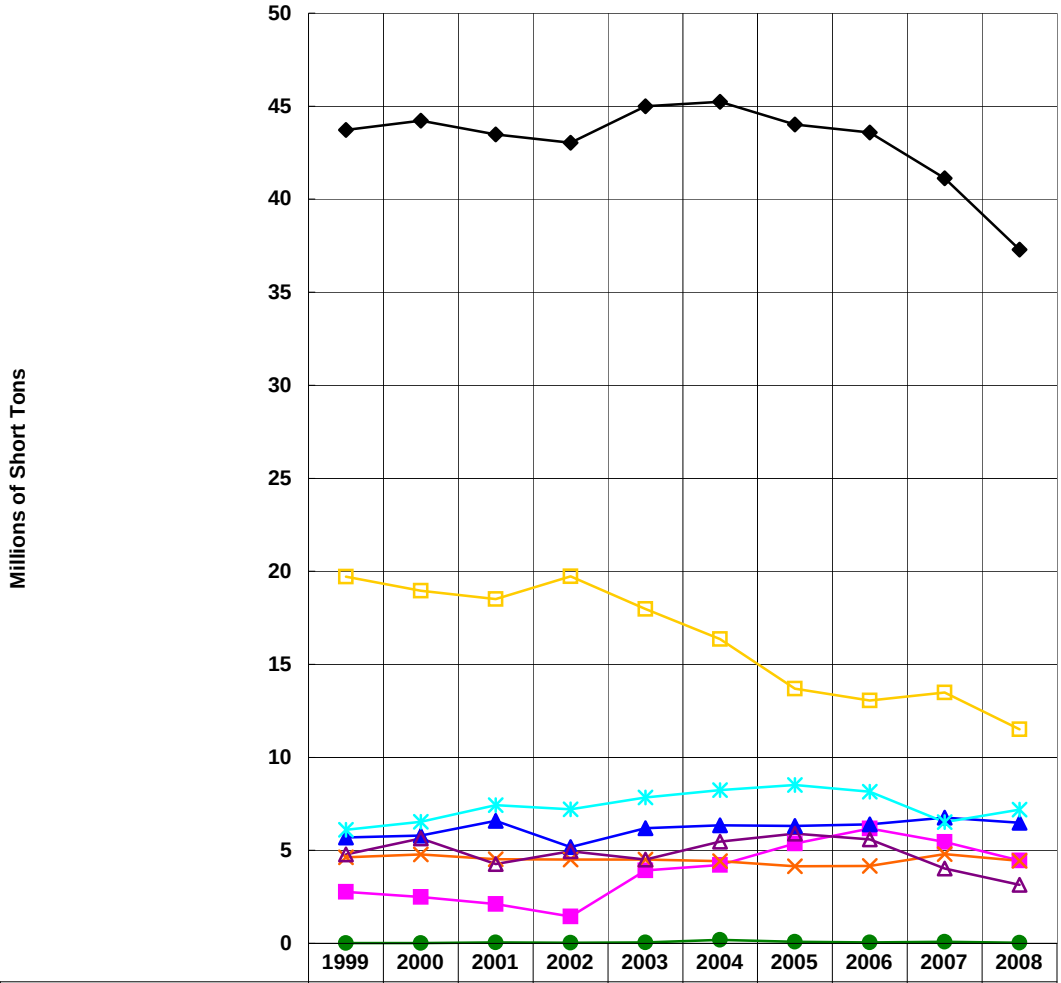


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	60.85	64.03	63.67	59.71	65.26	68.71	64.74	68.80	66.91	61.88
Coal	4.38	4.14	4.06	3.71	4.45	4.77	4.15	5.04	4.43	3.98
Petro & Petro Products	25.65	28.50	28.46	26.76	29.15	31.08	30.25	33.03	33.67	29.95
Chemicals	13.32	14.21	13.82	13.88	14.63	14.99	14.11	13.64	14.06	11.41
Crude Materials	14.96	14.43	14.95	12.80	14.08	14.78	13.73	14.31	12.43	14.02
Other	2.63	2.74	2.37	2.56	2.95	3.09	2.50	2.78	2.33	2.52

Includes coastwise tonnage.

Illinois Waterway - Totals

1999-2008, Millions of Short Tons, By Commodity

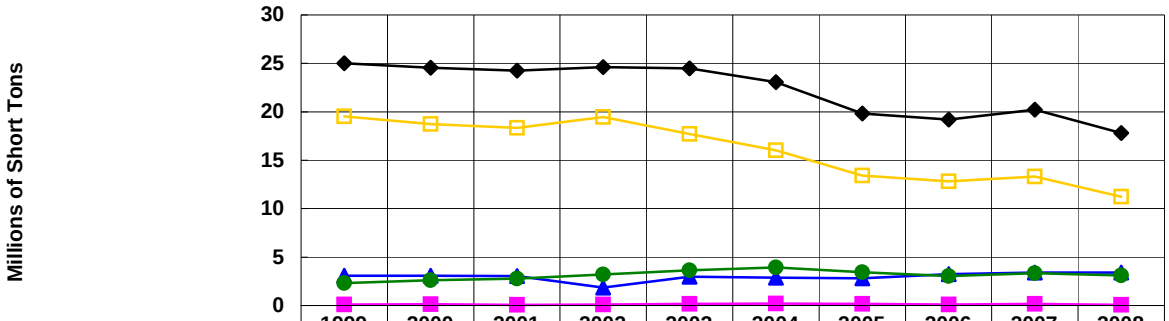


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	43.72	44.22	43.49	43.03	44.99	45.23	44.02	43.58	41.12	37.28
Coal	2.77	2.50	2.11	1.44	3.92	4.21	5.37	6.17	5.44	4.46
Petro & Petro Products	5.69	5.79	6.59	5.18	6.19	6.35	6.31	6.40	6.77	6.49
Chemicals	4.63	4.78	4.52	4.50	4.51	4.43	4.15	4.17	4.80	4.44
Crude Materials	6.11	6.54	7.44	7.21	7.85	8.24	8.51	8.15	6.53	7.19
Manufactured Goods	4.79	5.64	4.26	4.96	4.51	5.46	5.90	5.59	4.02	3.15
Food & Farm	19.71	18.95	18.51	19.72	17.97	16.35	13.69	13.05	13.49	11.51
Other	0.03	0.02	0.05	0.03	0.05	0.18	0.09	0.05	0.08	0.04

Source: USACE Waterborne Commerce Statistics Center

Illinois Waterway - Downbound

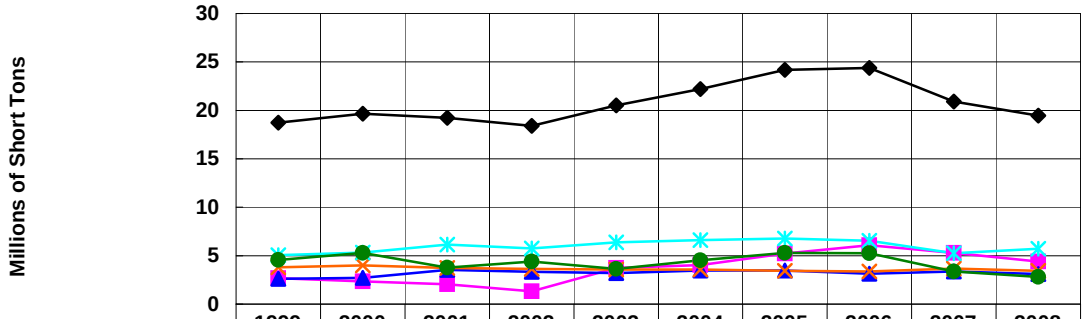
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	25.00	24.55	24.24	24.61	24.48	23.05	19.82	19.21	20.21	17.82
Coal	0.09	0.14	0.07	0.11	0.18	0.18	0.16	0.10	0.16	0.08
Petro & Petro Products	3.07	3.08	3.04	1.85	2.98	2.89	2.82	3.25	3.41	3.39
Food & Farm	19.53	18.72	18.35	19.46	17.69	16.03	13.41	12.82	13.31	11.24
Other	2.33	2.60	2.78	3.20	3.63	3.94	3.43	3.03	3.32	3.11

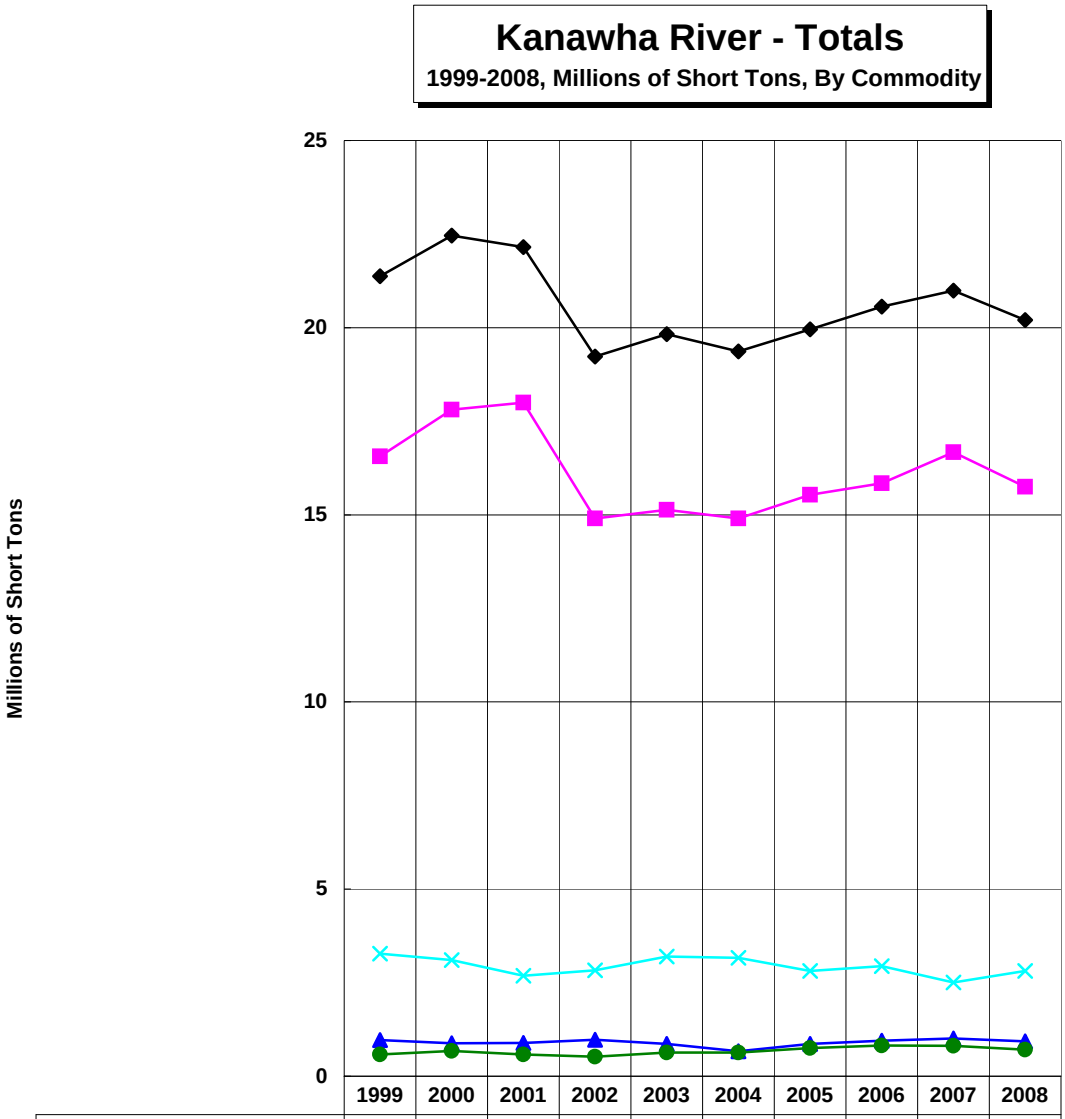
Illinois Waterway - Upbound

1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	18.72	19.67	19.24	18.42	20.51	22.19	24.20	24.38	20.90	19.46
Coal	2.68	2.35	2.04	1.33	3.74	4.03	5.22	6.06	5.28	4.38
Petro & Petro Products	2.62	2.71	3.55	3.33	3.21	3.47	3.49	3.15	3.36	3.10
Chemicals	3.80	4.01	3.74	3.63	3.58	3.57	3.43	3.38	3.66	3.44
Crude Materials	5.04	5.31	6.14	5.74	6.36	6.61	6.77	6.54	5.25	5.73
Other	4.57	5.28	3.78	4.39	3.62	4.51	5.30	5.24	3.36	2.80

Source: USACE Waterborne Commerce Statistics Center

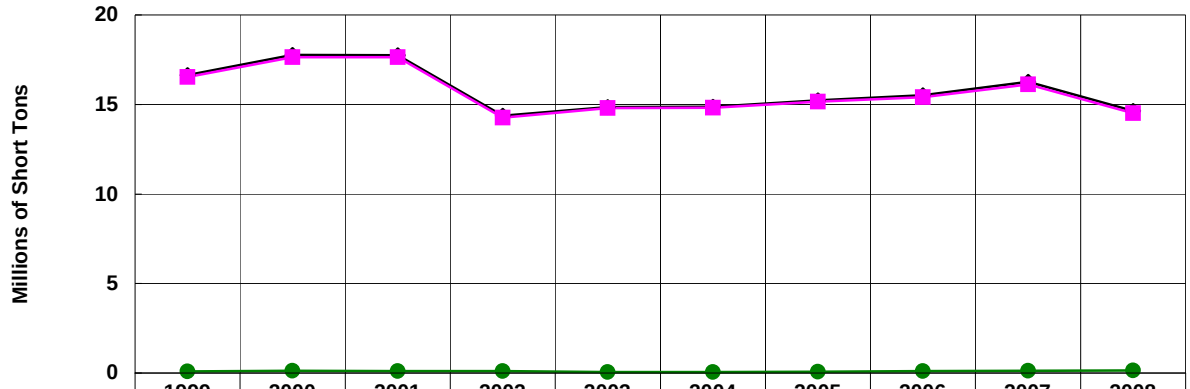


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	21.38	22.46	22.15	19.23	19.83	19.36	19.96	20.56	20.99	20.20
Coal	16.56	17.81	18.00	14.90	15.13	14.90	15.53	15.84	16.67	15.75
Petro & Petro Products	0.96	0.88	0.89	0.97	0.86	0.66	0.86	0.95	1.01	0.93
Crude Materials	3.27	3.10	2.69	2.83	3.20	3.16	2.81	2.95	2.51	2.81
Other	0.58	0.68	0.58	0.52	0.63	0.63	0.75	0.82	0.81	0.71

Source: USACE Waterborne Commerce Statistics Center

Kanawha River - Downbound

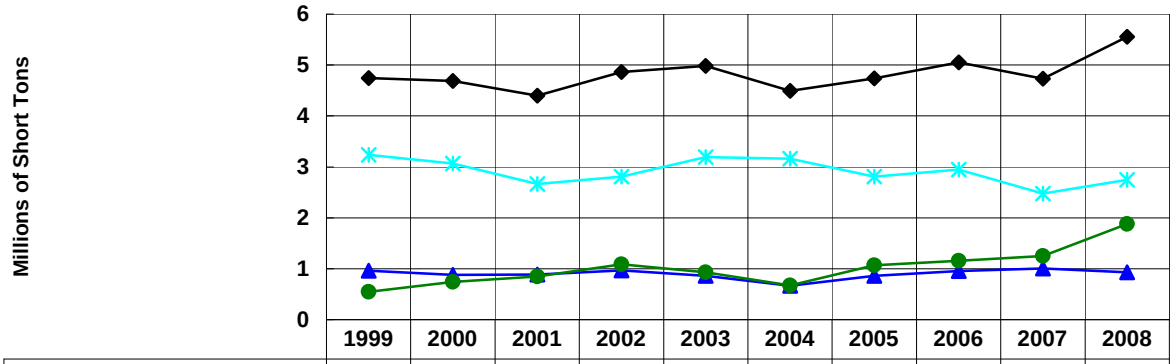
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	16.63	17.77	17.75	14.36	14.84	14.87	15.22	15.51	16.26	14.65
Coal	16.54	17.64	17.65	14.26	14.79	14.81	15.15	15.41	16.13	14.51
Other	0.10	0.13	0.10	0.10	0.05	0.06	0.07	0.10	0.13	0.13

Kanawha River - Upbound

1999-2008, Millions of Short Tons, By Commodity

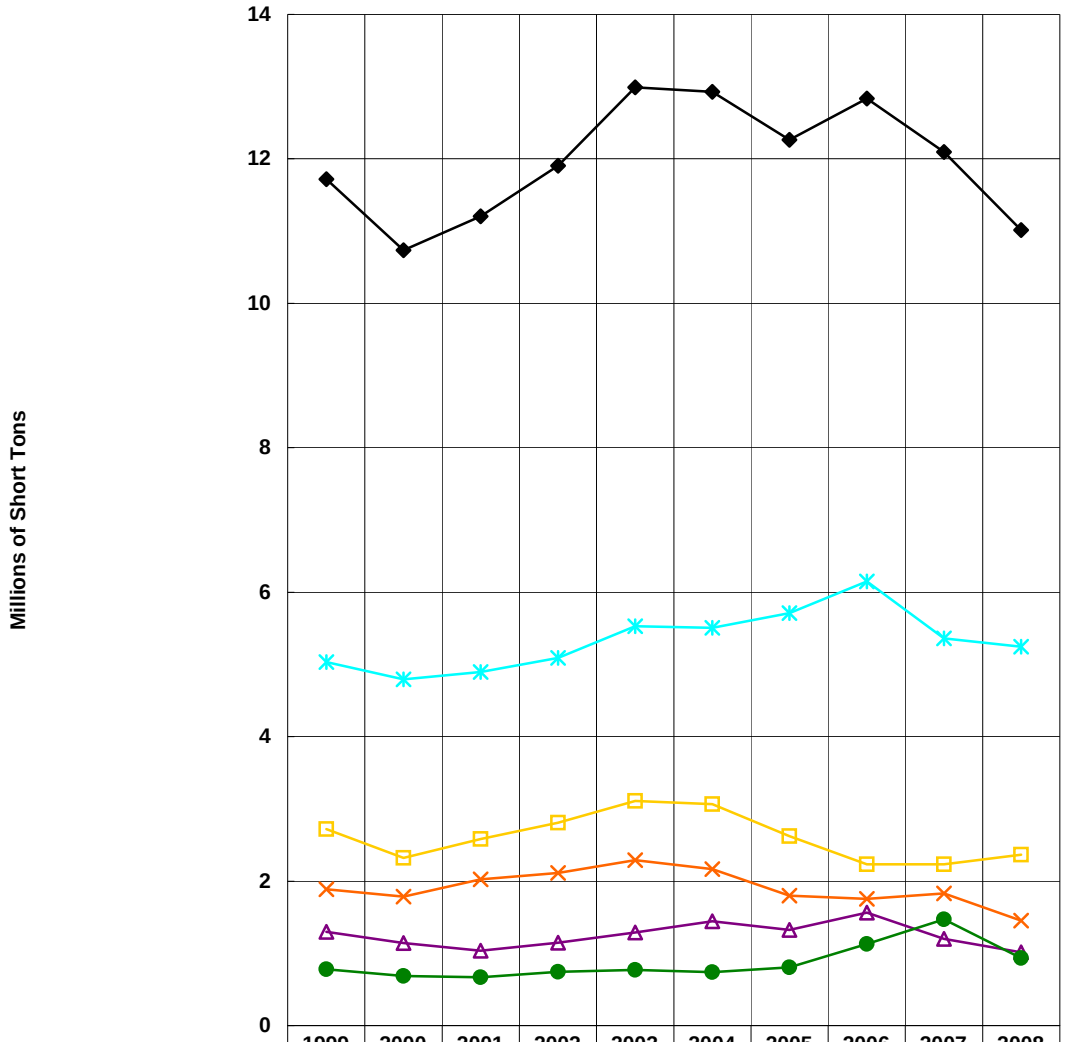


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	4.75	4.69	4.40	4.86	4.98	4.49	4.74	5.05	4.73	5.56
Petro & Petro Products	0.96	0.88	0.89	0.97	0.86	0.66	0.86	0.95	1.01	0.93
Crude Materials	3.24	3.07	2.66	2.81	3.19	3.16	2.81	2.95	2.48	2.74
Other	0.55	0.74	0.85	1.09	0.93	0.67	1.07	1.15	1.25	1.88

Source: USACE Waterborne Commerce Statistics Center

McClellan-Kerr Waterway - Totals

1999-2008, Millions of Short Tons, By Commodity

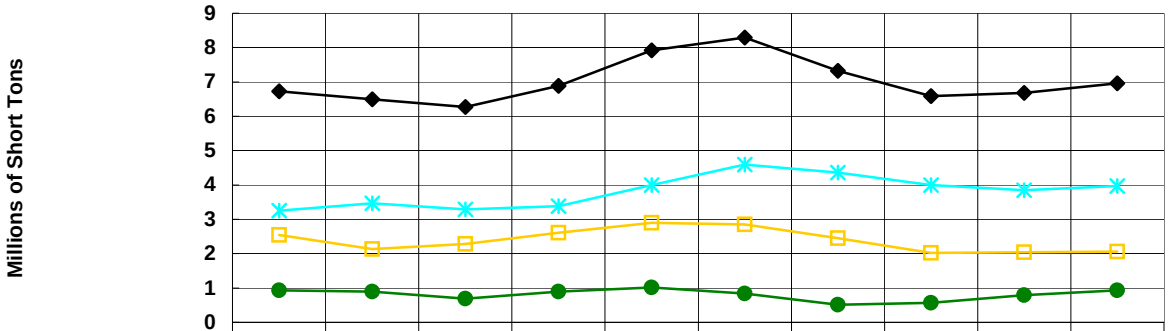


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	11.72	10.73	11.21	11.90	12.99	12.93	12.26	12.83	12.10	11.01
Chemicals	1.89	1.78	2.02	2.11	2.29	2.17	1.80	1.75	1.83	1.45
Crude Materials	5.03	4.80	4.89	5.09	5.53	5.51	5.71	6.15	5.36	5.25
Manufactured Goods	1.30	1.14	1.04	1.15	1.29	1.44	1.32	1.57	1.20	1.01
Food & Farm	2.72	2.32	2.58	2.81	3.11	3.07	2.62	2.23	2.23	2.36
Other	0.78	0.69	0.67	0.74	0.77	0.74	0.81	1.13	1.47	0.93

Source: USACE Waterborne Commerce Statistics Center

McClellan-Kerr Waterway - Downbound

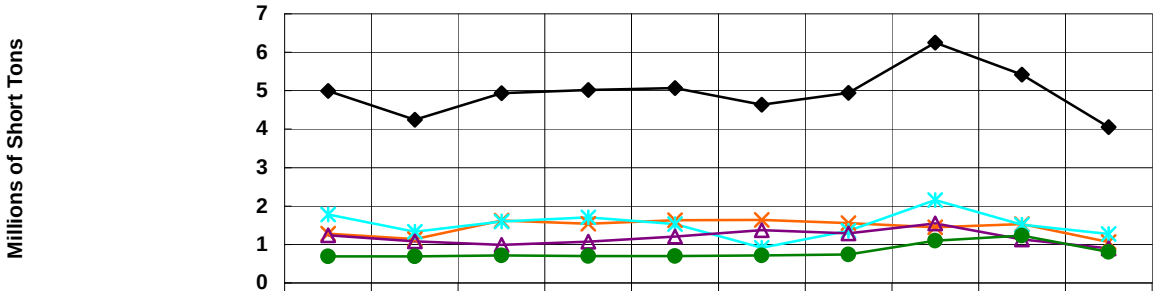
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	6.72	6.49	6.27	6.89	7.92	8.29	7.32	6.59	6.68	6.96
Crude Materials	3.25	3.47	3.29	3.38	4.00	4.60	4.36	3.99	3.84	3.97
Food & Farm	2.54	2.13	2.29	2.61	2.90	2.85	2.45	2.03	2.04	2.06
Other	0.93	0.89	0.69	0.90	1.02	0.84	0.52	0.57	0.79	0.93

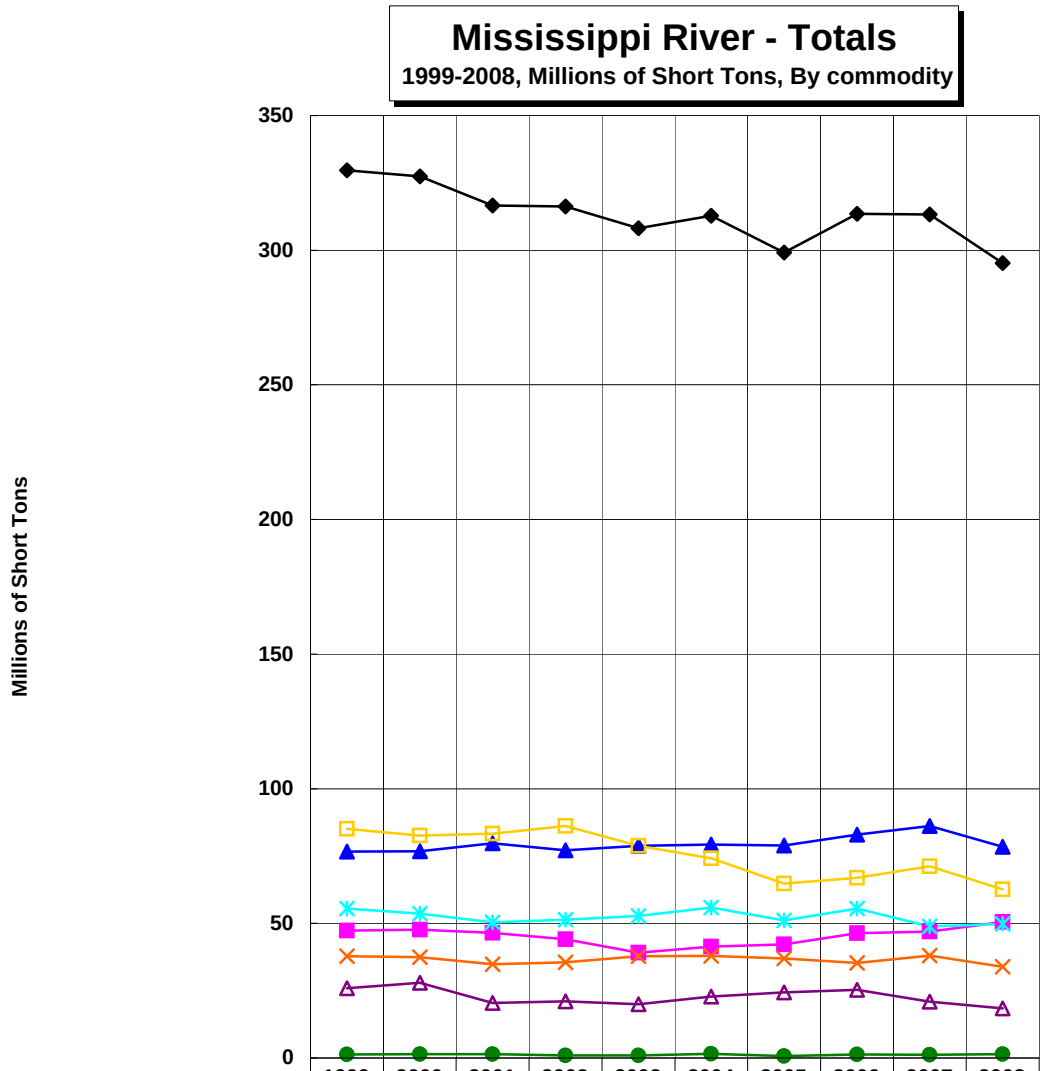
McClellan-Kerr Waterway - Upbound

1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	4.99	4.24	4.94	5.02	5.07	4.64	4.94	6.25	5.42	4.05
Chemicals	1.28	1.14	1.62	1.54	1.63	1.64	1.56	1.45	1.53	1.07
Crude Materials	1.78	1.33	1.60	1.71	1.53	0.91	1.35	2.15	1.51	1.28
Manufactured Goods	1.24	1.08	0.99	1.07	1.21	1.37	1.29	1.54	1.14	0.90
Other	0.69	0.69	0.72	0.70	0.70	0.71	0.74	1.10	1.23	0.81

Source: USACE Waterborne Commerce Statistics Center



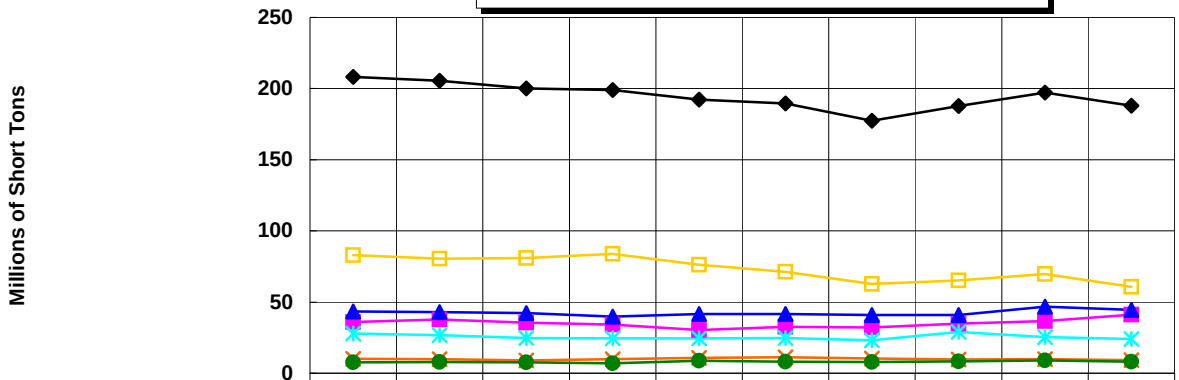
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	329.64	327.40	316.55	316.21	308.21	312.81	299.14	313.51	313.31	295.18
Coal	47.28	47.65	46.46	44.09	39.08	41.31	42.20	46.30	47.00	50.50
Petro & Petro Products	76.70	76.83	79.75	77.16	78.83	79.33	78.93	82.92	86.13	78.45
Chemicals	37.79	37.38	34.79	35.52	37.81	37.88	37.02	35.24	38.06	33.92
Crude Materials	55.47	53.59	50.36	51.38	52.81	55.85	51.12	55.49	48.79	49.84
Manufactured Goods	25.93	27.97	20.45	21.02	20.00	22.76	24.40	25.28	20.97	18.46
Food & Farm	85.12	82.59	83.28	86.15	78.76	74.15	64.76	66.92	71.17	62.62
Other	1.35	1.39	1.46	0.89	0.92	1.53	0.72	1.36	1.20	1.38

Domestic tonnage only (including coastwise).

Source: USACE Waterborne Commerce Statistics Center

Mississippi River - Downbound

1999-2008, Millions of Short Tons, By Commodity

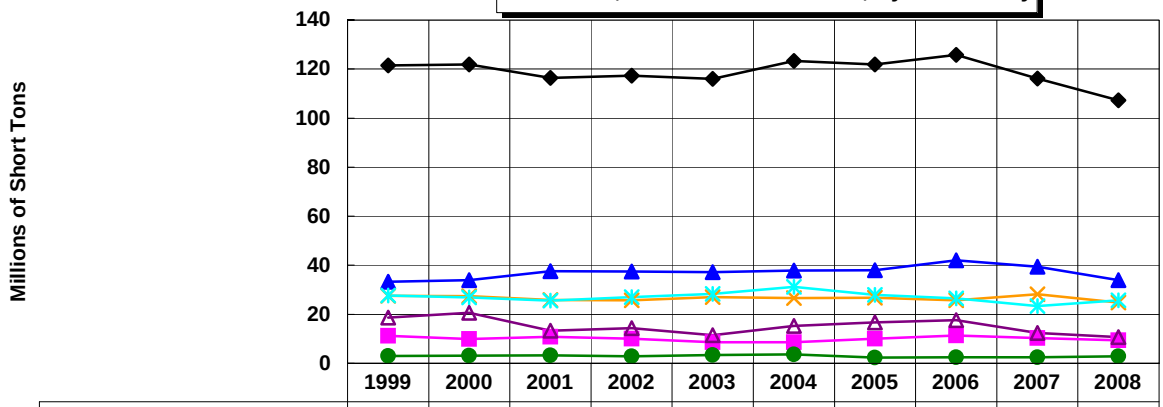


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	208.20	205.49	200.11	198.96	192.23	189.56	177.28	187.79	197.23	187.95
Coal	36.07	37.68	35.61	34.10	30.45	32.65	32.20	34.90	36.65	41.17
Petro & Petro Products	43.43	42.89	42.17	39.73	41.59	41.55	40.91	40.85	46.70	44.57
Chemicals	10.21	9.99	8.93	9.88	10.85	11.33	10.24	9.56	9.90	9.17
Crude Materials	27.82	26.70	24.73	24.41	24.48	24.63	23.19	28.97	25.43	24.15
Food & Farm	82.94	80.41	81.04	83.88	76.11	71.31	62.83	65.20	69.66	60.69
Other	7.72	7.82	7.63	6.96	8.74	8.10	7.92	8.31	8.89	8.19

Domestic tonnage only (including coastwise).

Mississippi River - Upbound

1999-2008, Millions of Short Tons, By Commodity

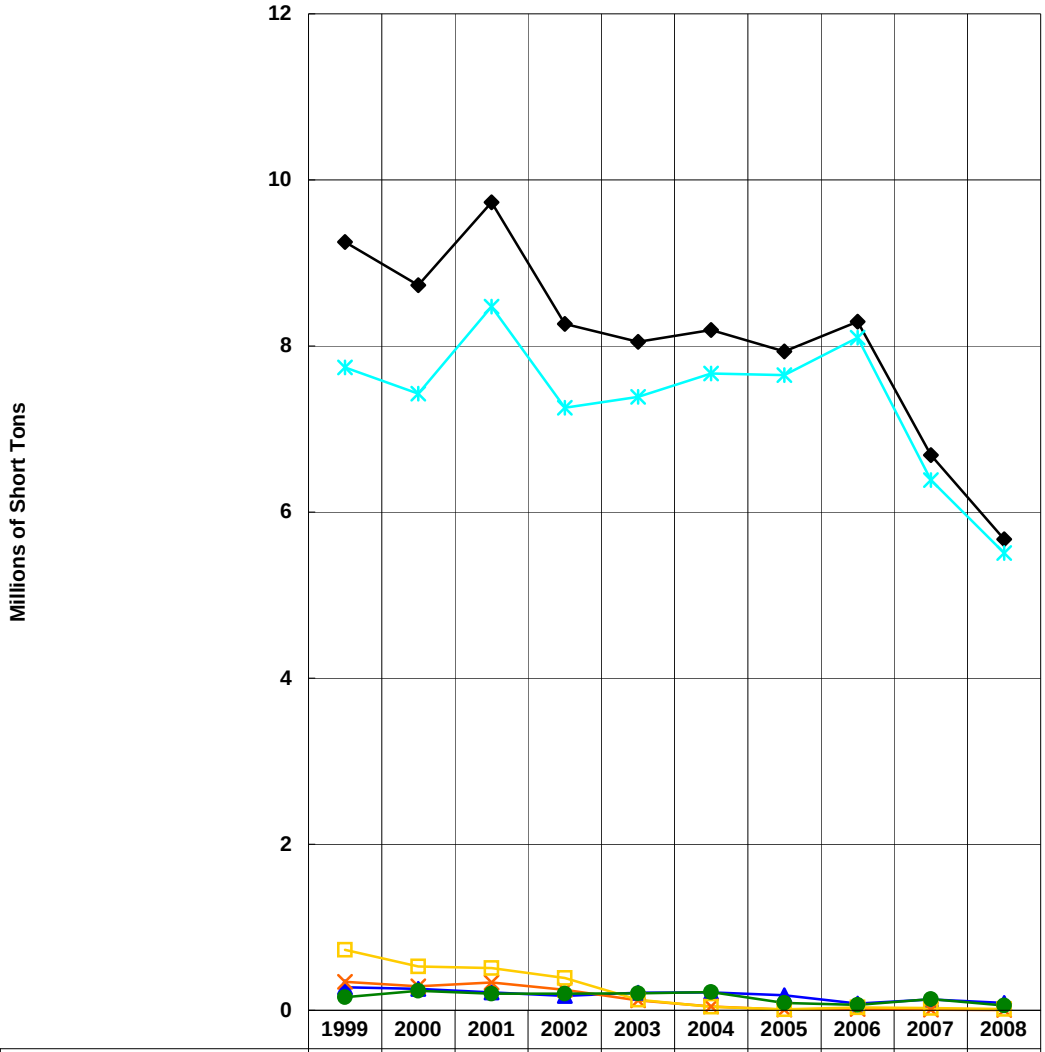


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	121.44	121.91	116.43	117.25	115.98	123.25	121.86	125.71	116.08	107.23
Coal	11.21	9.98	10.85	10.00	8.63	8.66	10.00	11.40	10.35	9.33
Petro & Petro Products	33.27	33.94	37.58	37.43	37.24	37.78	38.02	42.07	39.43	33.88
Chemicals	27.57	27.39	25.85	25.64	26.95	26.56	26.78	25.68	28.15	24.75
Crude Materials	27.65	26.89	25.63	26.97	28.33	31.22	27.93	26.51	23.36	25.69
Manufactured Goods	18.72	20.61	13.29	14.30	11.51	15.32	16.75	17.58	12.37	10.70
Other	3.02	3.10	3.23	2.91	3.33	3.71	2.38	2.47	2.41	2.88

Domestic tonnage only (including coastwise).

Missouri River Totals

1999-2008, Millions of Short Tons, By Commodity

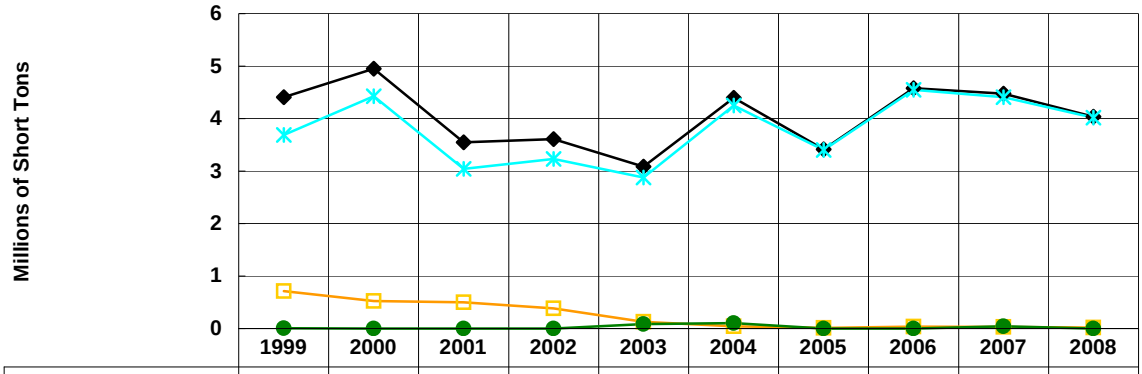


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	9.25	8.73	9.73	8.27	8.05	8.19	7.94	8.29	6.68	5.67
Petro & Petro Products	0.28	0.26	0.22	0.17	0.21	0.22	0.18	0.08	0.13	0.09
Chemicals	0.34	0.29	0.33	0.25	0.12	0.05	0.01	0.01	0.01	0.01
Crude Materials	7.74	7.42	8.47	7.26	7.39	7.67	7.65	8.10	6.38	5.51
Food & Farm	0.73	0.53	0.51	0.39	0.13	0.04	0.01	0.03	0.03	0.02
Other	0.16	0.23	0.20	0.20	0.21	0.22	0.09	0.07	0.13	0.06

Source: USACE Waterborne Commerce Statistics Center

Missouri River Downbound

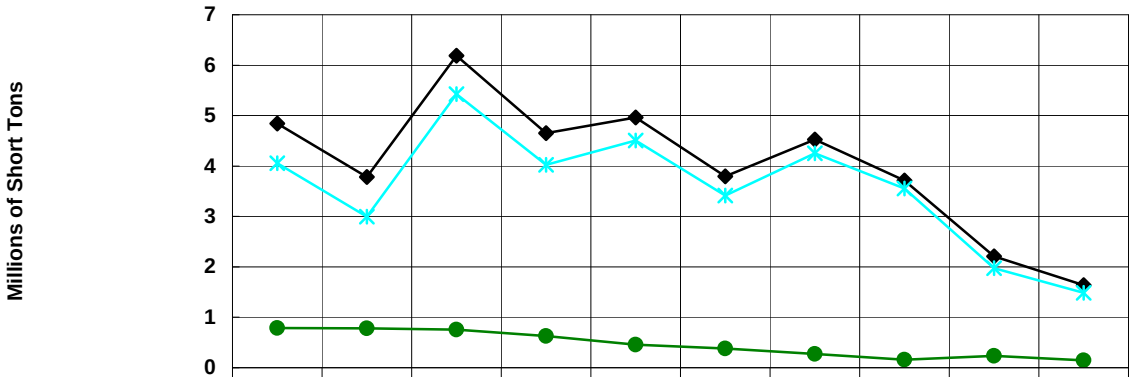
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	4.41	4.95	3.55	3.61	3.09	4.40	3.41	4.58	4.48	4.04
Crude Materials	3.69	4.43	3.04	3.23	2.88	4.25	3.40	4.55	4.41	4.02
Food & Farm	0.71	0.53	0.50	0.38	0.13	0.04	0.01	0.03	0.03	0.02
Other	0.01	0.00	0.00	0.00	0.08	0.10	0.00	0.00	0.04	0.00

Missouri River Upbound

1999-2008, Millions of Short Tons, By Commodity

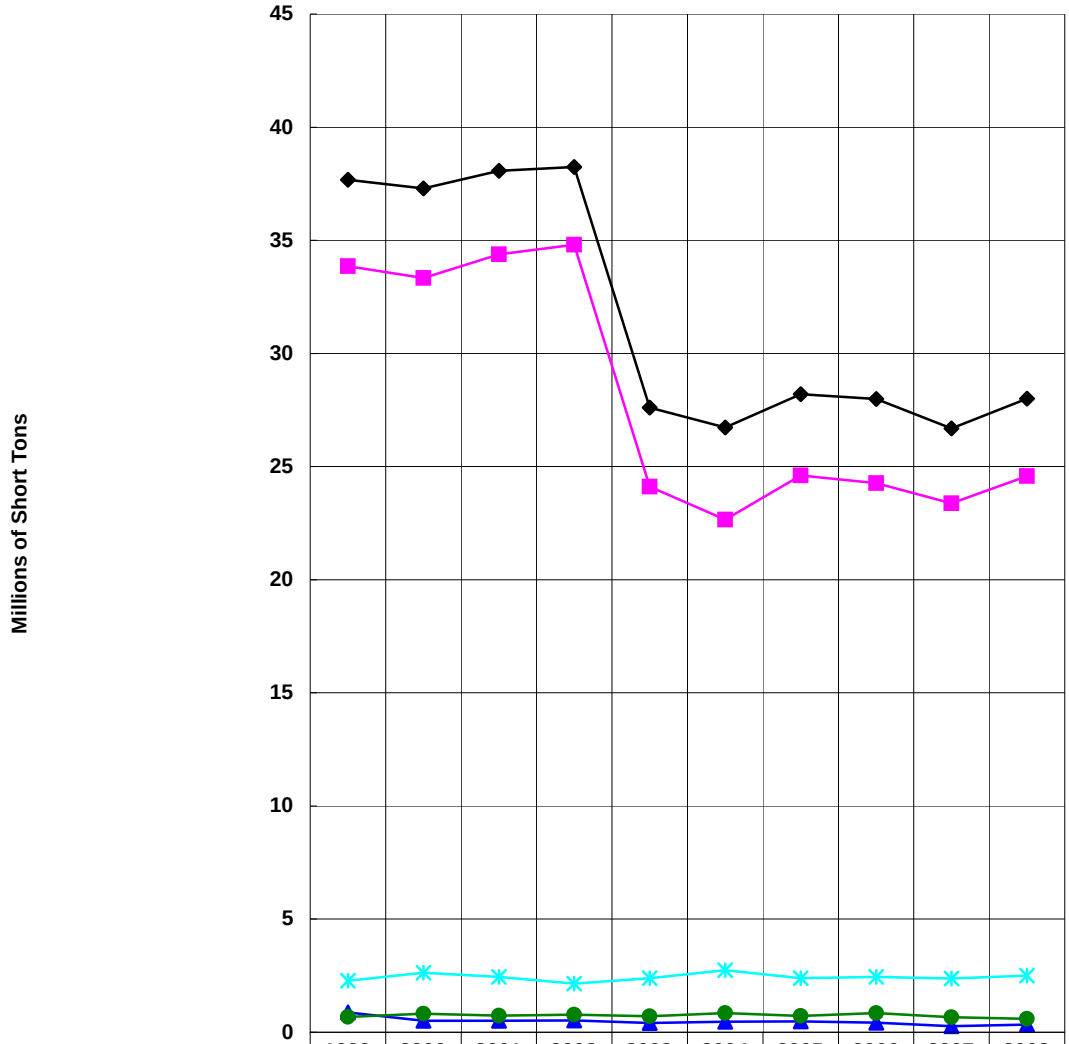


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	4.85	3.78	6.18	4.65	4.96	3.80	4.52	3.71	2.21	1.64
Crude Materials	4.06	3.00	5.43	4.03	4.51	3.42	4.25	3.55	1.97	1.49
Other	0.79	0.78	0.76	0.63	0.45	0.38	0.27	0.16	0.23	0.15

Source: USACE Waterborne Commerce Statistics Center

Monongahela River - Totals

1999-2008, Millions of Short Tons, By Commodity

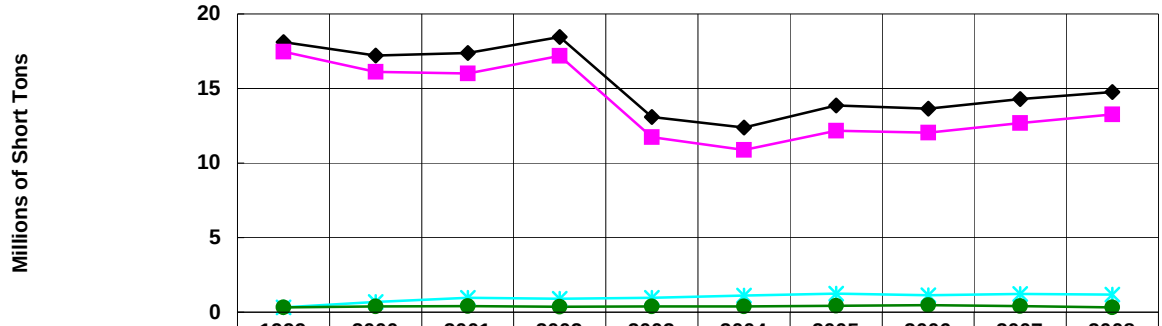


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	37.68	37.29	38.07	38.24	27.61	26.73	28.20	27.99	26.69	28.00
Coal	33.85	33.33	34.38	34.80	24.11	22.66	24.61	24.27	23.38	24.57
Petro & Petro Products	0.87	0.51	0.51	0.52	0.41	0.47	0.47	0.42	0.27	0.34
Crude Materials	2.28	2.63	2.45	2.14	2.39	2.75	2.39	2.44	2.37	2.50
Other	0.68	0.82	0.73	0.78	0.71	0.85	0.73	0.85	0.66	0.59

Source: USACE Waterborne Commerce Statistics Center

Monongahela River - Downbound

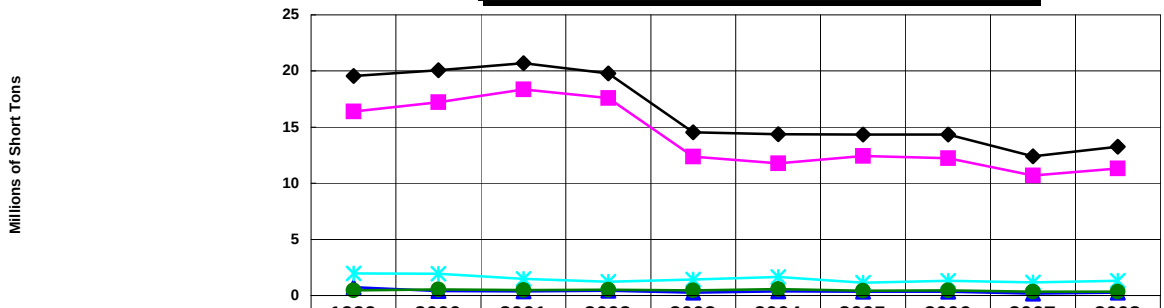
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	18.11	17.21	17.38	18.46	13.09	12.38	13.85	13.65	14.30	14.76
Coal	17.47	16.12	16.01	17.20	11.75	10.88	12.18	12.03	12.68	13.27
Crude Materials	0.31	0.70	0.96	0.91	0.96	1.11	1.25	1.14	1.22	1.18
Other	0.33	0.39	0.40	0.36	0.38	0.39	0.43	0.47	0.40	0.31

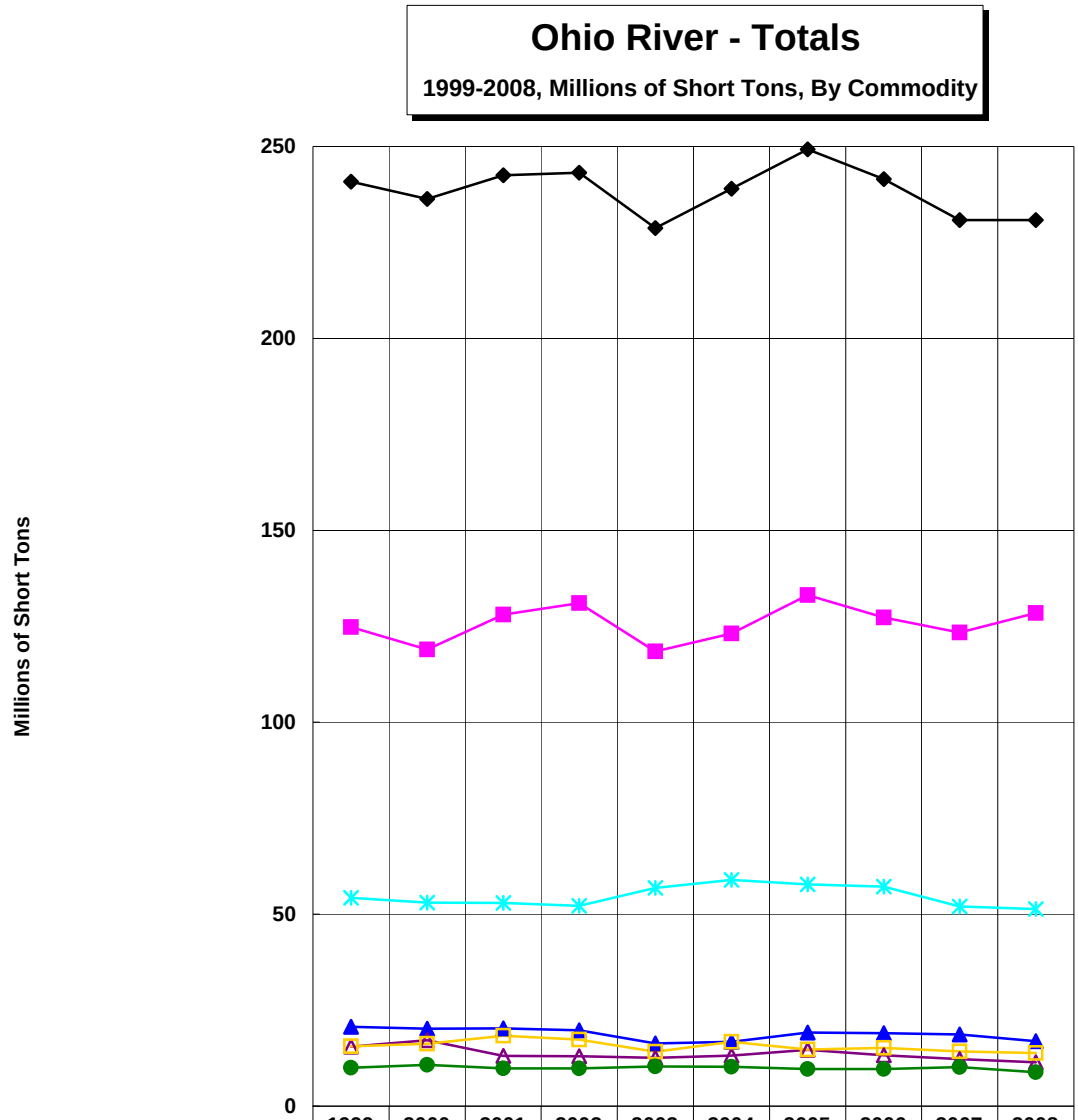
Monongahela River - Upbound

1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	19.56	20.08	20.70	19.78	14.52	14.36	14.35	14.34	12.39	13.24
Coal	16.38	17.21	18.37	17.60	12.36	11.78	12.44	12.24	10.70	11.31
Petro & Petro Products	0.75	0.39	0.36	0.42	0.27	0.36	0.36	0.33	0.18	0.27
Crude Materials	1.97	1.94	1.49	1.23	1.43	1.64	1.14	1.30	1.16	1.32
Other	0.47	0.55	0.48	0.52	0.47	0.58	0.42	0.47	0.35	0.35

Source: USACE Waterborne Commerce Statistics Center

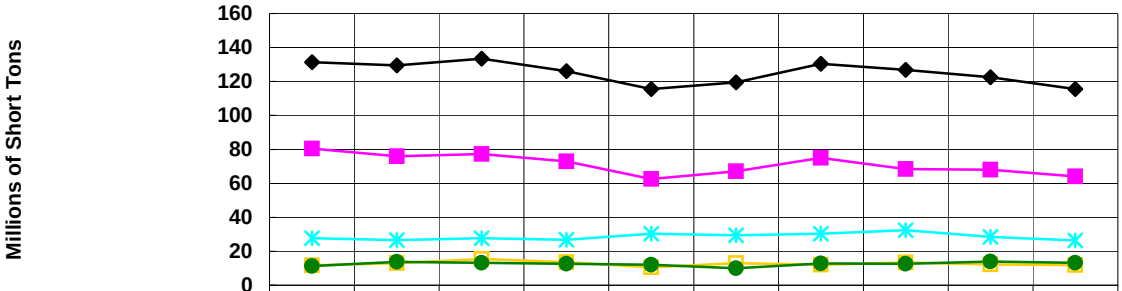


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	240.79	236.30	242.50	243.15	228.77	238.98	249.21	241.54	230.84	230.80
Coal	124.75	118.93	128.00	131.04	118.46	123.11	133.15	127.31	123.34	128.44
Petro & Petro Products	20.64	20.19	20.28	19.75	16.38	16.76	19.17	18.98	18.70	16.91
Crude Materials	54.28	53.02	52.93	52.22	56.85	58.94	57.75	57.21	52.05	51.36
Manufactured Goods	15.49	17.19	13.08	13.00	12.58	13.19	14.70	13.21	12.26	11.40
Food & Farm	15.60	16.23	18.34	17.33	14.17	16.74	14.78	15.14	14.29	13.85
Other	10.02	10.73	9.86	9.81	10.34	10.25	9.67	9.68	10.21	8.84

Source: USACE Waterborne Commerce Statistics Center

Ohio River - Downbound

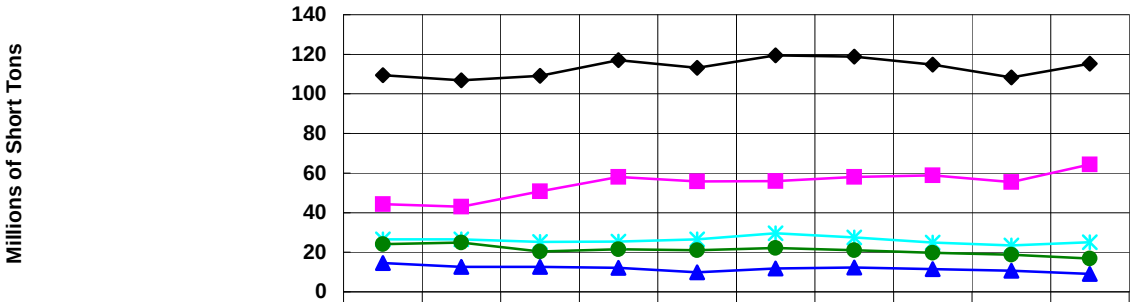
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	131.27	129.45	133.45	126.05	115.60	119.49	130.36	126.75	122.57	115.47
Coal	80.46	75.97	77.20	72.95	62.64	67.11	75.06	68.48	67.97	64.03
Crude Materials	27.70	26.57	27.70	26.85	30.35	29.36	30.34	32.34	28.54	26.29
Food & Farm	11.74	13.09	15.44	13.56	10.50	13.06	12.13	13.30	12.18	11.95
Other	11.37	13.82	13.11	12.69	12.11	9.95	12.83	12.62	13.88	13.20

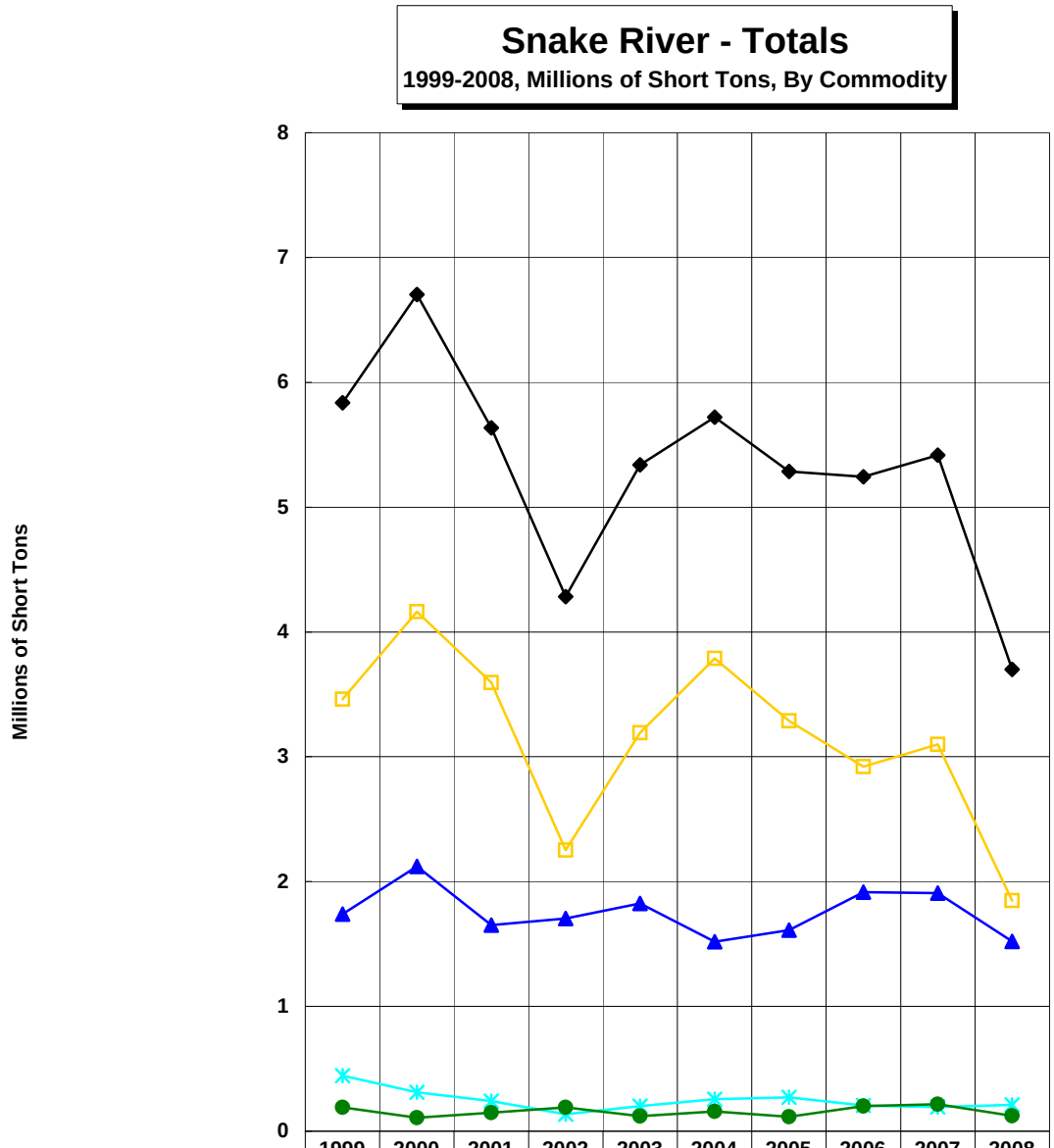
Ohio River - Upbound

1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	109.52	106.85	109.05	117.10	113.17	119.49	118.85	114.79	108.27	115.33
Coal	44.29	42.96	50.80	58.09	55.82	56.00	58.08	58.83	55.37	64.41
Petro & Petro Products	14.52	12.59	12.68	12.13	9.88	11.72	12.35	11.43	10.64	9.11
Crude Materials	26.58	26.45	25.24	25.36	26.49	29.57	27.41	24.87	23.52	25.06
Other	24.13	24.85	20.33	21.51	20.97	22.19	21.01	19.65	18.75	16.74

Source: USACE Waterborne Commerce Statistics Center

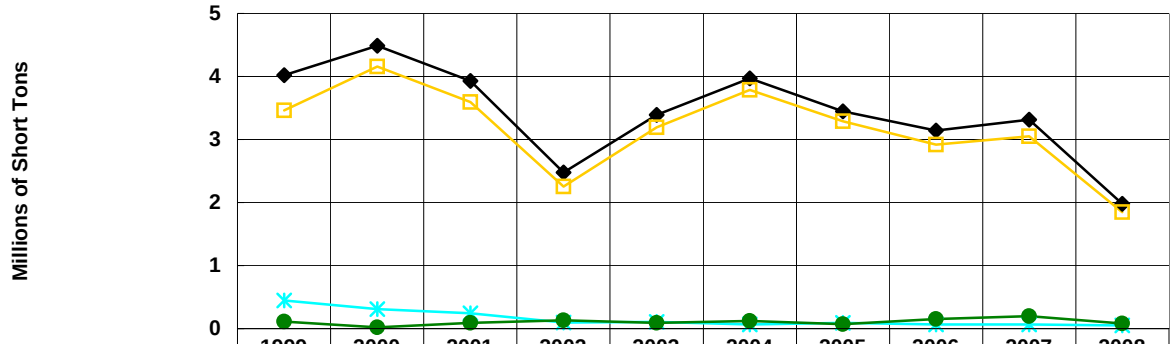


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	5.84	6.70	5.64	4.28	5.34	5.72	5.29	5.24	5.42	3.70
Petro & Petro Products	1.74	2.12	1.65	1.70	1.82	1.52	1.61	1.92	1.91	1.52
Crude Materials	0.44	0.31	0.24	0.14	0.20	0.26	0.27	0.21	0.19	0.21
Food & Farm	3.46	4.16	3.59	2.25	3.19	3.79	3.29	2.92	3.10	1.85
Other	0.19	0.11	0.15	0.19	0.12	0.16	0.12	0.20	0.22	0.12

Source: USACE Waterborne Commerce Statistics Center

Snake River - Downbound

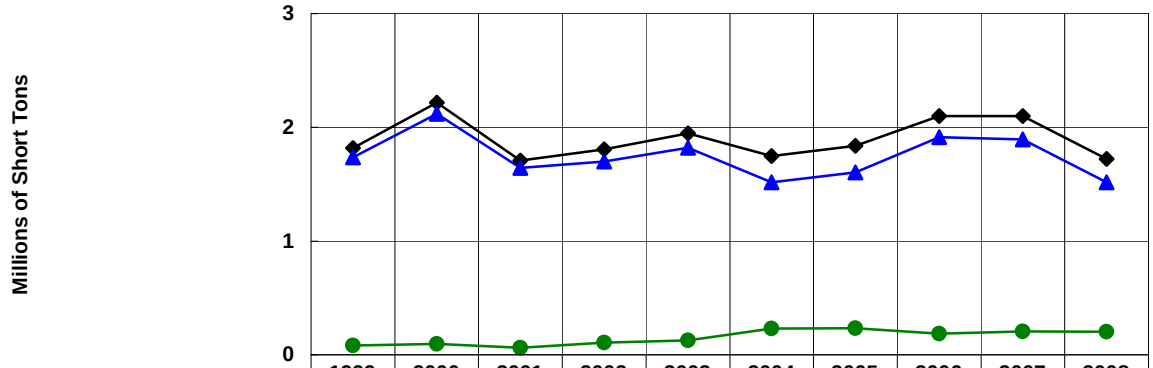
1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	4.02	4.49	3.93	2.48	3.39	3.97	3.45	3.14	3.32	1.98
Crude Materials	0.44	0.31	0.24	0.10	0.11	0.07	0.09	0.07	0.07	0.05
Food & Farm	3.46	4.16	3.59	2.25	3.19	3.79	3.29	2.92	3.05	1.85
Other	0.11	0.02	0.09	0.13	0.09	0.12	0.07	0.15	0.20	0.08

Snake River - Upbound

1999-2008, Millions of Short Tons, By Commodity

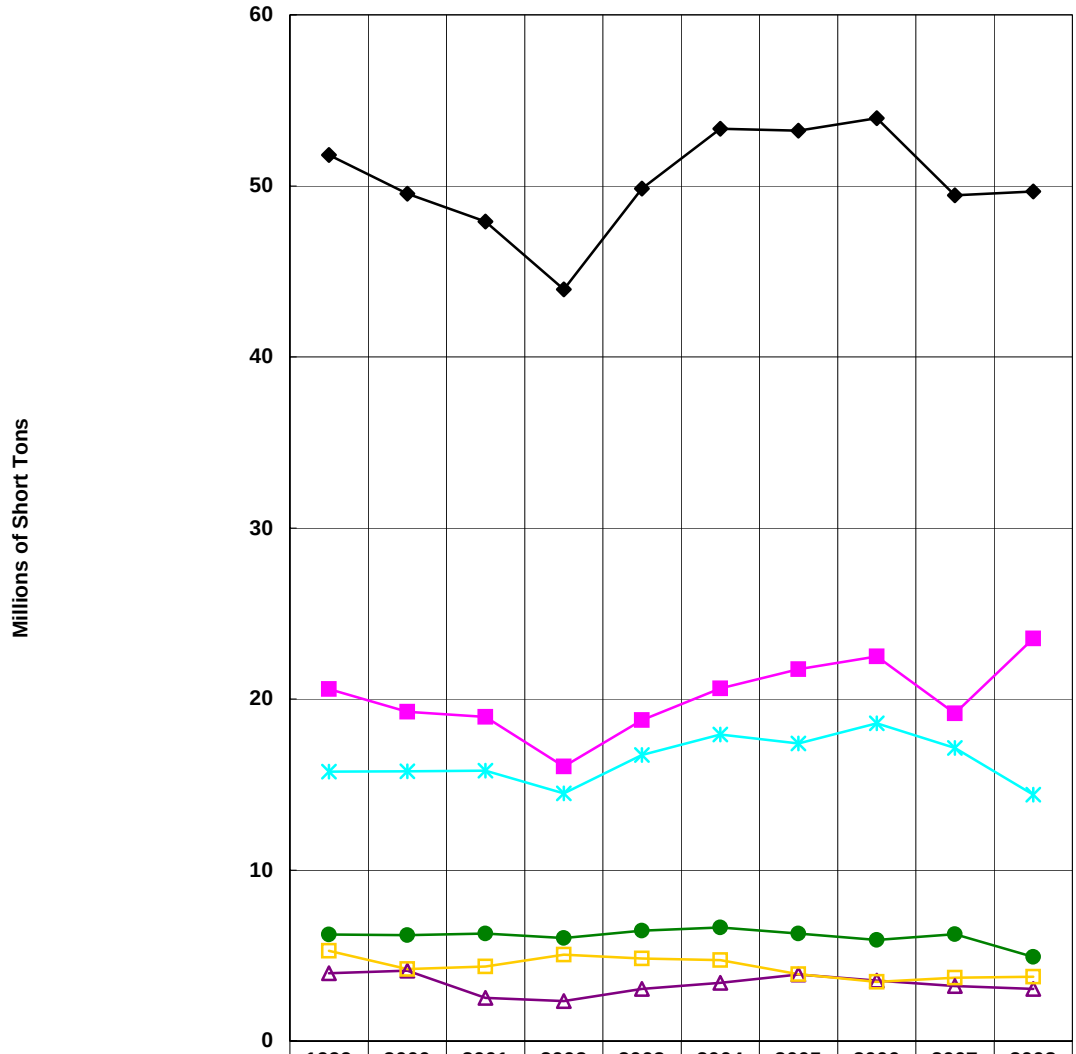


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	1.82	2.22	1.71	1.81	1.95	1.75	1.84	2.10	2.10	1.72
Petro & Petro Products	1.74	2.12	1.64	1.70	1.82	1.52	1.60	1.92	1.89	1.52
Other	0.08	0.10	0.06	0.11	0.13	0.23	0.23	0.19	0.21	0.20

Source: USACE Waterborne Commerce Statistics Center

Tennessee River - Totals

1999 -2008, Millions of Short Tons, By Commodity

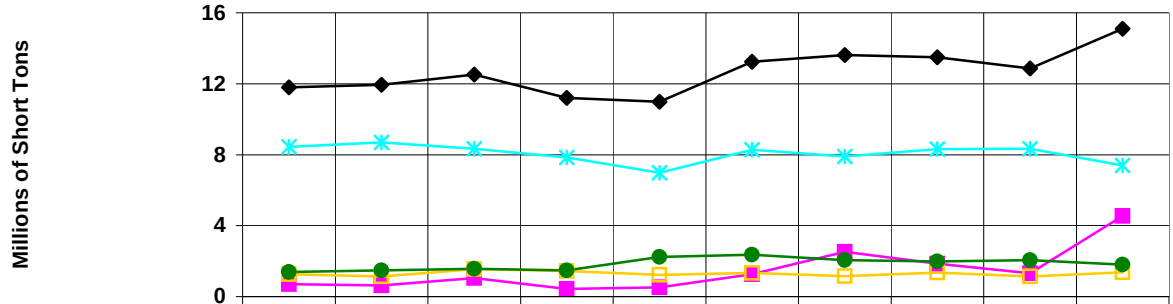


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	51.81	49.55	47.92	43.94	49.83	53.34	53.23	53.97	49.45	49.67
Coal	20.57	19.24	18.95	16.05	18.76	20.62	21.74	22.49	19.15	23.54
Crude Materials	15.76	15.77	15.81	14.48	16.73	17.93	17.40	18.58	17.14	14.40
Manufactured Goods	3.97	4.12	2.52	2.34	3.05	3.40	3.89	3.54	3.22	3.05
Food & Farm	5.27	4.21	4.35	5.05	4.83	4.74	3.90	3.46	3.70	3.76
Other	6.23	6.20	6.28	6.03	6.46	6.65	6.29	5.91	6.24	4.92

Source: USACE Waterborne Commerce Statistics Center

Tennessee River - Downbound

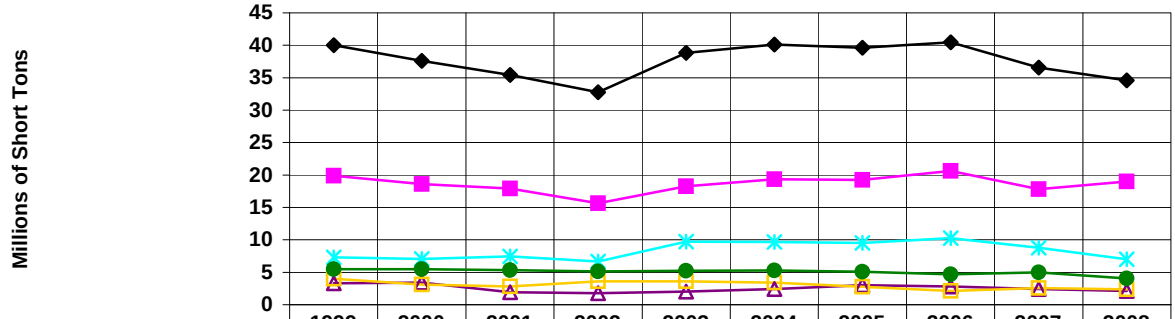
1999-2008, Millions of Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	11.80	11.94	12.51	11.19	10.98	13.23	13.62	13.49	12.87	15.10
Coal	0.70	0.63	1.05	0.42	0.53	1.26	2.52	1.86	1.32	4.54
Crude Materials	8.44	8.70	8.34	7.84	6.99	8.28	7.89	8.31	8.34	7.39
Food & Farm	1.26	1.13	1.54	1.45	1.23	1.33	1.15	1.35	1.14	1.37
Other	1.40	1.47	1.58	1.48	2.23	2.37	2.06	1.98	2.06	1.80

Tennessee River - Upbound

1999-2008, Millions of Tons, By Commodity

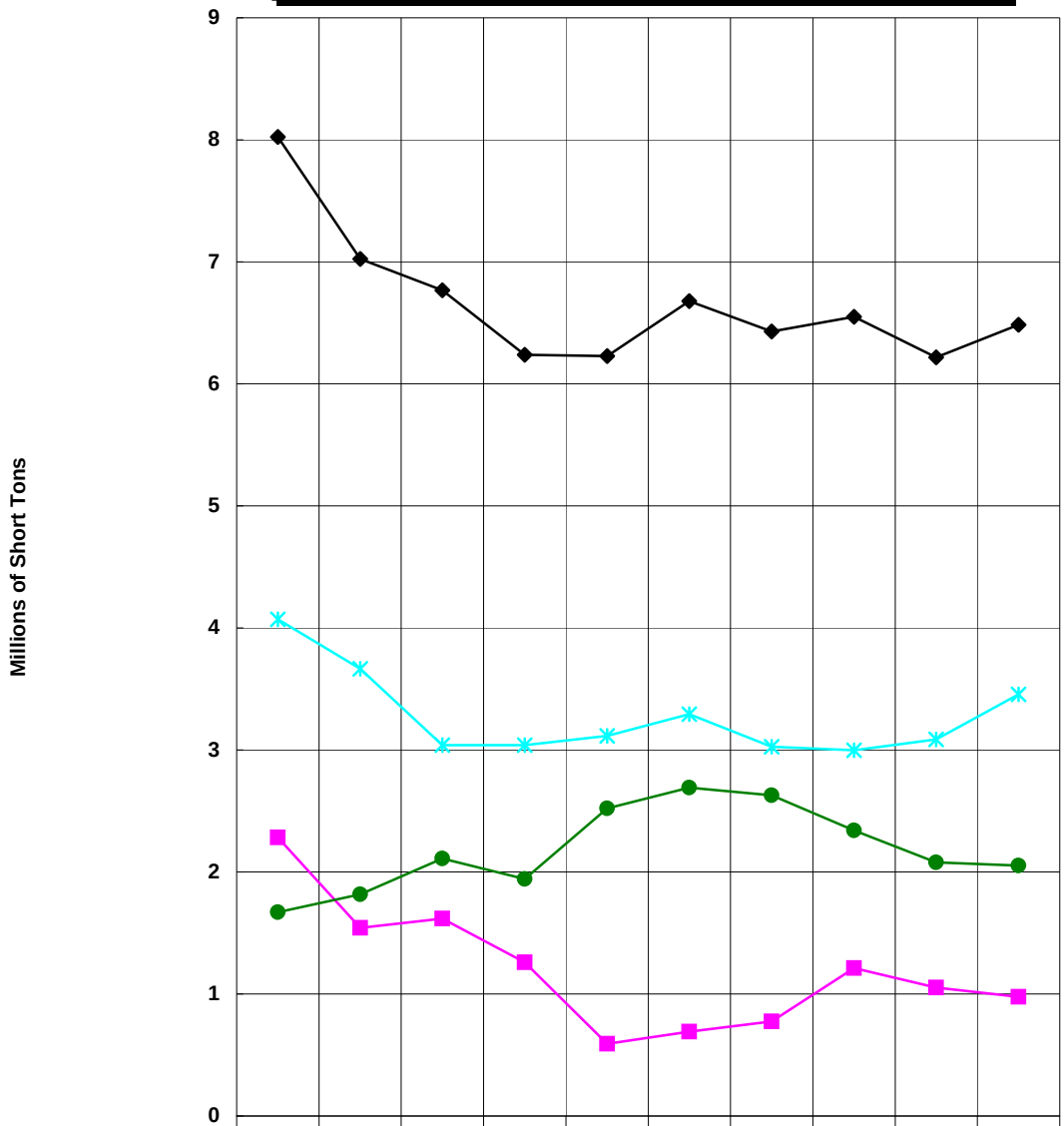


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	40.01	37.61	35.41	32.75	38.85	40.10	39.61	40.47	36.59	34.57
Coal	19.87	18.61	17.90	15.62	18.23	19.36	19.22	20.63	17.83	19.00
Crude Materials	7.31	7.07	7.47	6.64	9.74	9.65	9.51	10.27	8.80	7.01
Manufactured Goods	3.33	3.39	1.92	1.78	2.05	2.42	3.03	2.79	2.40	2.12
Food & Farm	4.01	3.08	2.81	3.60	3.60	3.41	2.76	2.11	2.56	2.38
Other	5.48	5.46	5.31	5.11	5.23	5.26	5.09	4.67	5.00	4.05

Source: USACE Waterborne Commerce Statistics Center

Tennessee-Tombigbee Waterway - Totals

1999-2008, Millions of Short Tons, By Commodity

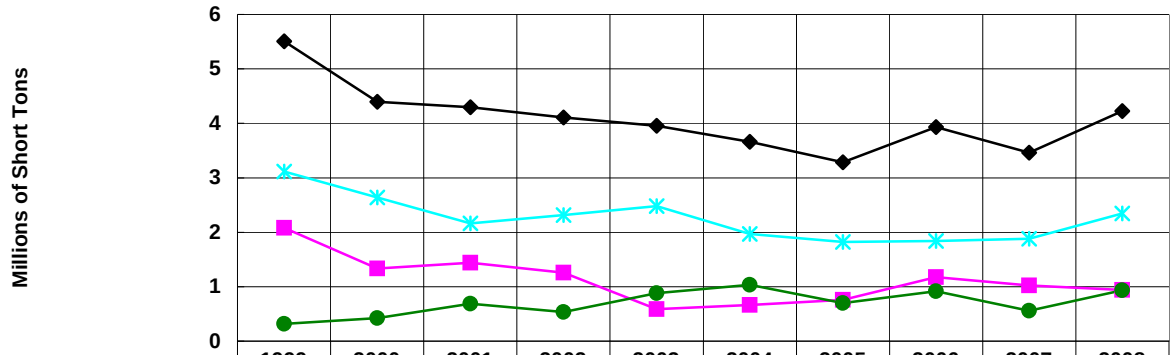


	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	8.02	7.02	6.77	6.24	6.23	6.68	6.43	6.55	6.22	6.49
Coal	2.28	1.54	1.62	1.26	0.59	0.69	0.77	1.21	1.05	0.98
Crude Materials	4.07	3.66	3.04	3.04	3.12	3.29	3.03	3.00	3.09	3.45
Other	1.67	1.82	2.11	1.94	2.52	2.69	2.63	2.34	2.08	2.05

Source: USACE Waterborne Commerce Statistics Center

Tennessee - Tombigbee Waterway

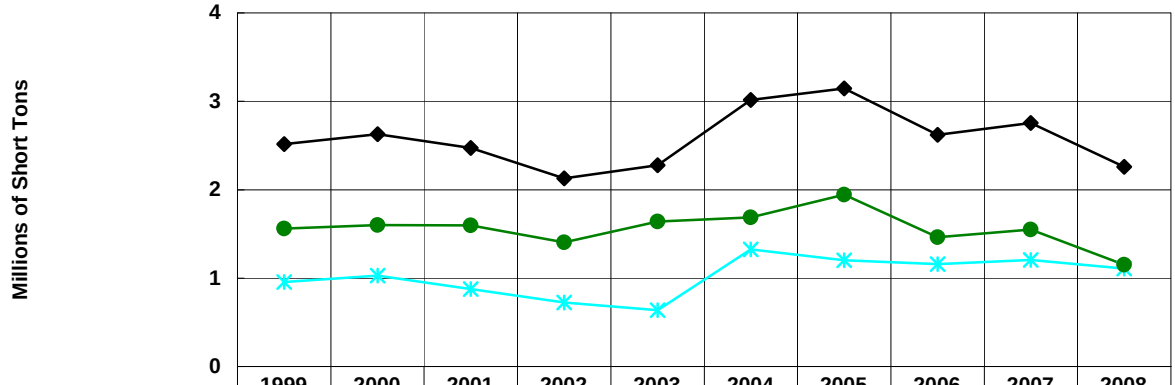
Southbound, 1999-2008, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	5.51	4.40	4.29	4.11	3.95	3.66	3.28	3.93	3.46	4.23
Coal	2.08	1.34	1.44	1.26	0.59	0.66	0.76	1.18	1.02	0.94
Crude Materials	3.11	2.64	2.16	2.31	2.48	1.97	1.82	1.84	1.88	2.35
Other	0.32	0.42	0.69	0.54	0.88	1.03	0.70	0.92	0.56	0.94

Tennessee - Tombigbee Waterway

Northbound, 1999-2008, Millions of Short Tons, By Commodity



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	2.52	2.63	2.47	2.13	2.28	3.01	3.15	2.62	2.75	2.26
Crude Materials	0.96	1.03	0.88	0.72	0.64	1.33	1.20	1.16	1.20	1.11
Other	1.56	1.60	1.60	1.40	1.64	1.69	1.94	1.46	1.55	1.15

Source: USACE Waterborne Commerce Statistics Center