Final
Waterborne Commerce Statistics

For Calendar Year 2004

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 2004. The foreign inbound and outbound totals are compiled from data provided by the U.S. Customs and Border Protection and by the Bureau of the Census. The domestic national totals are based on calendar year 2004 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.

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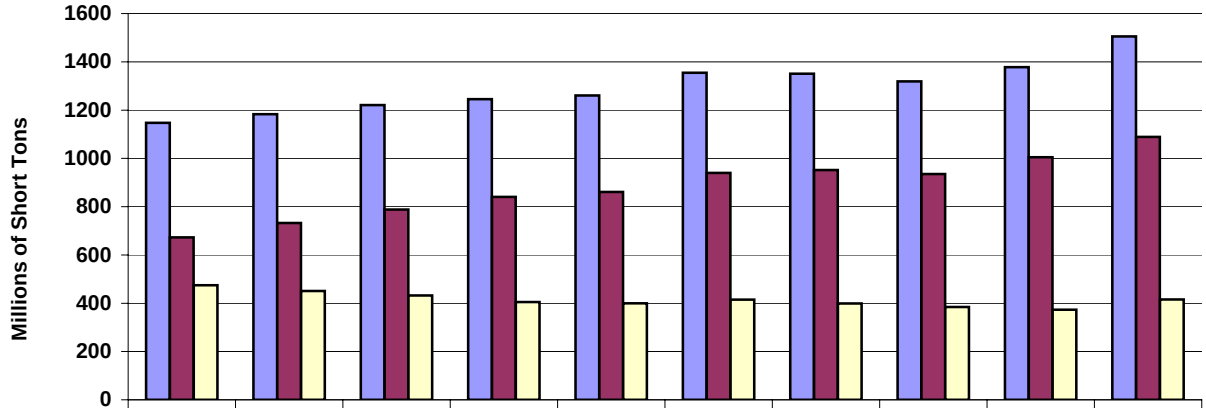
Explanation of Commodity Groups

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

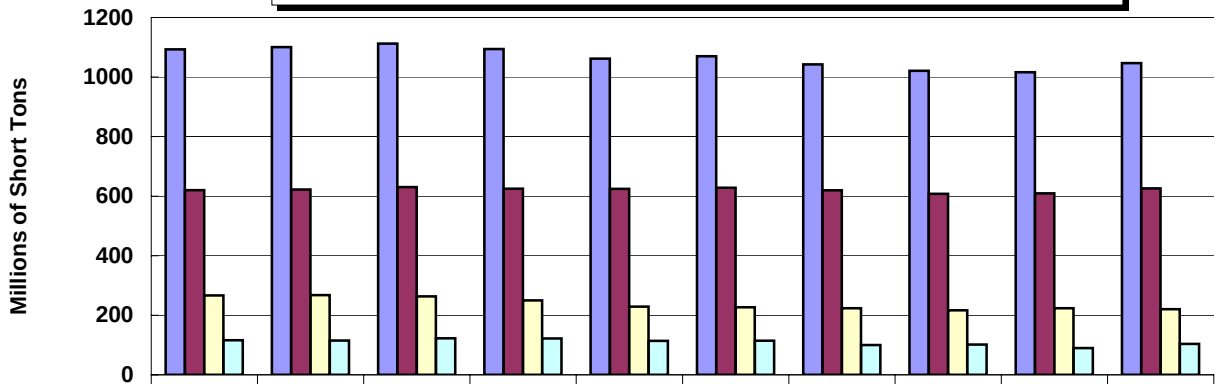
1995-2004, Millions of Short Tons



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	1147.4	1183.4	1220.6	1245.4	1260.8	1354.8	1350.8	1319.3	1378.1	1504.9
Inbound	672.7	732.6	788.3	840.7	860.8	939.7	951.8	934.9	1004.8	1089.1
Outbound	474.7	450.8	432.3	404.7	400.0	415.0	399.0	384.3	373.3	415.8

Domestic Waterborne Commerce of the U.S.

1995-2004, Millions of Short Tons, by Type of Traffic



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total**	1093.1	1100.8	1112.6	1094.1	1061.8	1069.8	1042.5	1021.0	1016.1	1047.1
Internal***	620.3	622.1	630.6	625.0	624.6	628.4	619.8	608.0	609.6	626.2
Coastwise	266.6	267.4	263.2	249.6	228.8	226.9	223.6	216.4	223.5	220.6
Lakewise	116.1	114.9	122.7	122.2	113.9	114.4	100.0	101.5	89.8	103.5

**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: 2004 VS 2003

Millions of Short Tons

National Totals**	CY03	CY04	Percent Change
Domestic	1016.1	1047.1	3.05%
Lakewise	89.8	103.5	15.32%
Coastwise	223.5	220.6	-1.30%
Intraport	86.9	91.3	5.01%
Intra-territory	6.4	5.5	-14.25%
Internal	609.6	626.2	2.73%

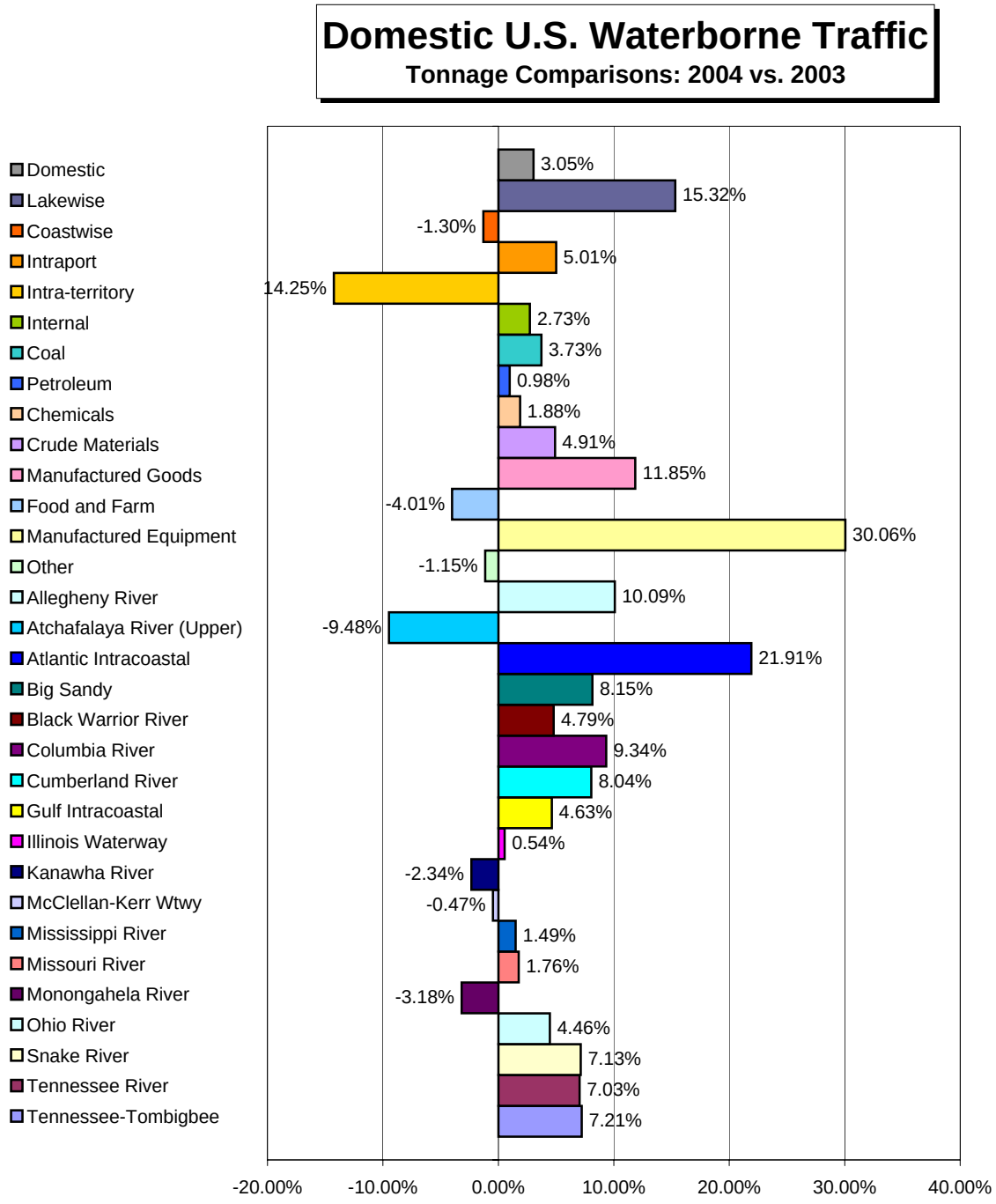
National Internal Commodities			
Coal	170.7	177.1	3.73%
Petroleum	149.5	150.9	0.98%
Chemicals	51.5	52.5	1.88%
Crude Materials	119.0	124.8	4.91%
Manufactured Goods	25.9	29.0	11.85%
Food and Farm	84.0	80.6	-4.01%
Manufactured Equipment	7.7	10.0	30.06%
Other	1.3	1.3	-1.15%

Waterways			
Allegheny River	3.3	3.7	10.09%
Atchafalaya River (Upper)	9.7	8.8	-9.48%
Atlantic Intracoastal	1.8	2.2	21.91%
Big Sandy	22.6	24.4	8.15%
Black Warrior River	21.0	22.0	4.79%
Columbia River***	16.0	17.4	9.34%
Cumberland River	20.6	22.3	8.04%
Gulf Intracoastal***	117.8	123.3	4.63%
Illinois Waterway	45.0	45.2	0.54%
Kanawha River	19.8	19.4	-2.34%
McClellan-Kerr Wtwy	13.0	12.9	-0.47%
Mississippi River***	308.2	312.8	1.49%
Missouri River	8.1	8.2	1.76%
Monongahela River	27.6	26.7	-3.18%
Ohio River	228.8	239.0	4.46%
Snake River	5.3	5.7	7.13%
Tennessee River	49.8	53.3	7.03%
Tennessee Tombigbee	6.2	6.7	7.21%

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

***Includes domestic coastwise tonnage.

Source: USACE Waterborne Commerce Statistics Center

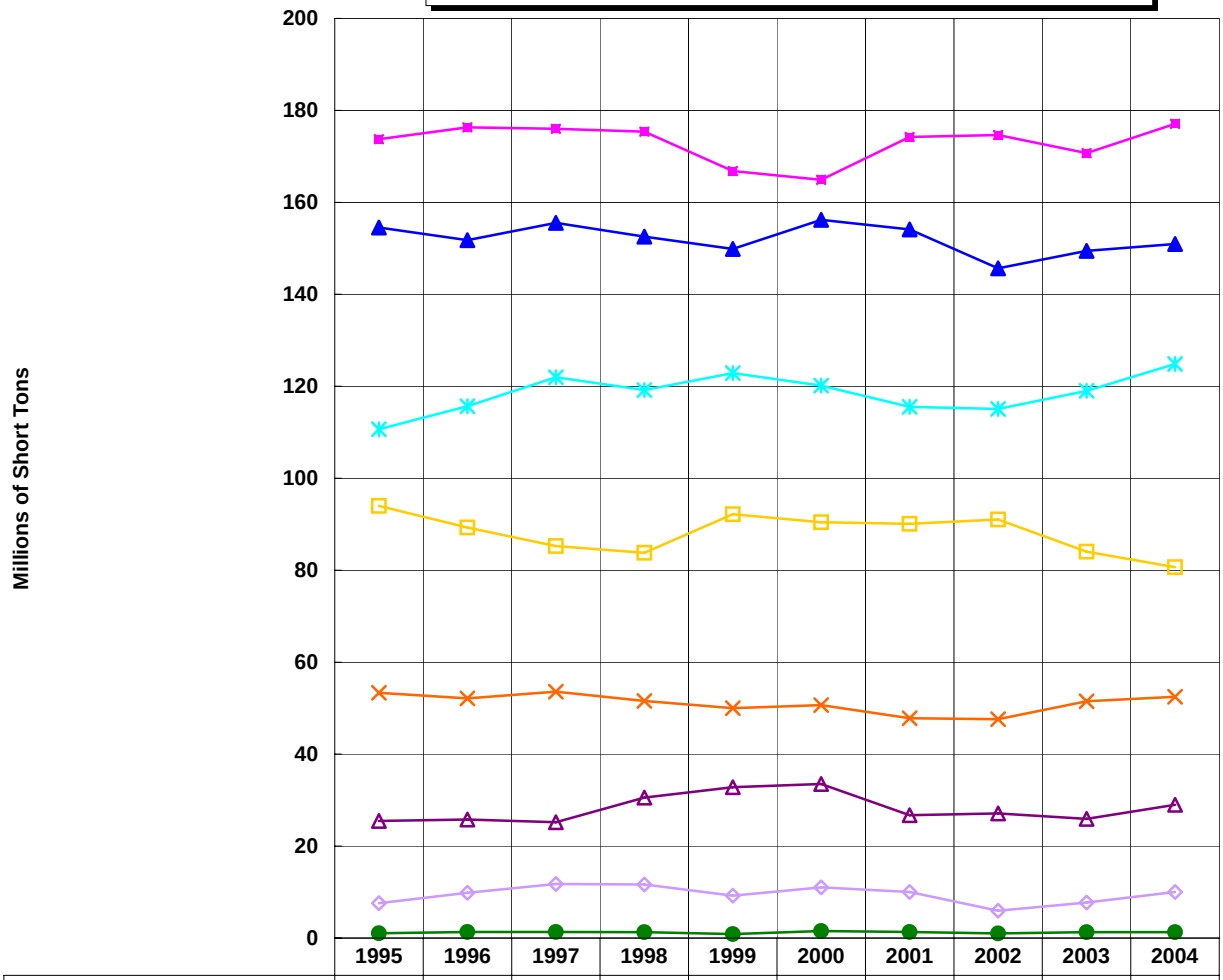


Waterway improvement materials and fish excluded from National Totals.

Source: USACE Waterborne Commerce Statistics Center

National Internal Commodities

1995-2004, Millions of Short Tons, By Commodity

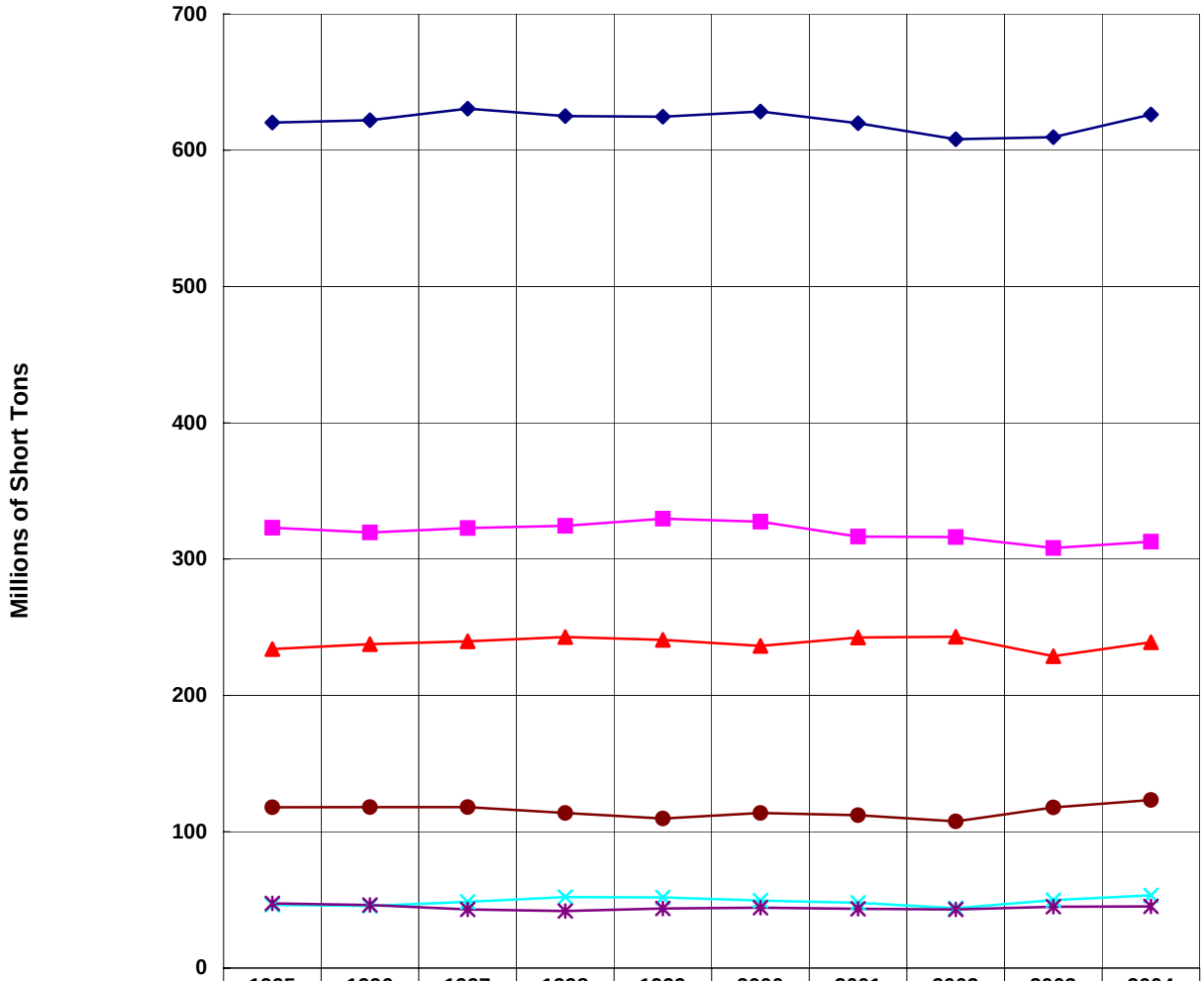


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Coal	173.75	176.30	175.99	175.36	166.79	164.90	174.21	174.64	170.70	177.06
Petroleum	154.51	151.79	155.54	152.53	149.86	156.19	154.10	145.65	149.46	150.93
Chemicals	53.34	52.13	53.58	51.58	50.01	50.67	47.80	47.61	51.49	52.46
Crude Materials	110.63	115.64	121.95	119.19	122.86	120.15	115.51	115.08	119.00	124.85
Manufactured Goods	25.46	25.80	25.17	30.56	32.81	33.51	26.73	27.09	25.91	28.98
Food and Farm	93.99	89.28	85.25	83.78	92.16	90.44	90.09	91.03	84.02	80.65
Manufactured Equipment	7.59	9.83	11.76	11.66	9.22	11.04	10.03	5.94	7.71	10.03
Other	1.06	1.31	1.31	1.29	0.86	1.54	1.32	1.00	1.30	1.29

Source: USACE Waterborne Commerce Statistics Center

Commerce on Selected Waterways

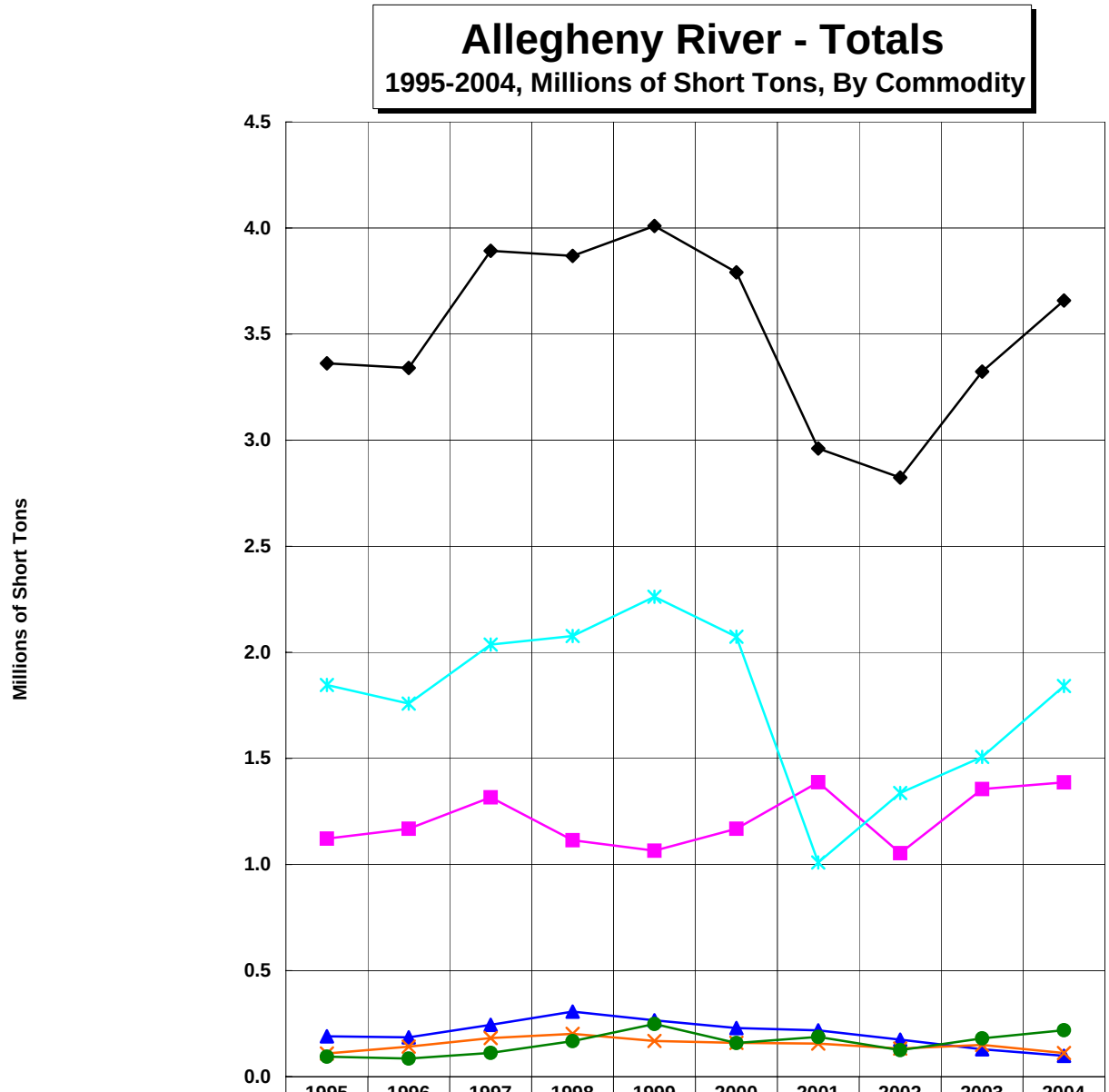
Internal Traffic, 1995-2004



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total Internal**	620.32	622.08	630.56	625.03	624.57	628.44	619.78	608.04	609.60	626.25
Mississippi***	323.02	319.57	322.77	324.48	329.64	327.40	316.55	316.21	308.21	312.81
Ohio	234.06	237.69	239.76	242.9	240.79	236.30	242.50	243.15	228.77	238.98
Tennessee	46.39	45.53	48.59	52.08	51.81	49.55	47.92	43.94	49.83	53.34
Illinois	47.43	46.24	42.99	41.79	43.72	44.22	43.49	43.03	44.99	45.23
GIWW***	117.96	118.03	118.11	113.81	109.64	113.76	112.18	107.65	117.84	123.30

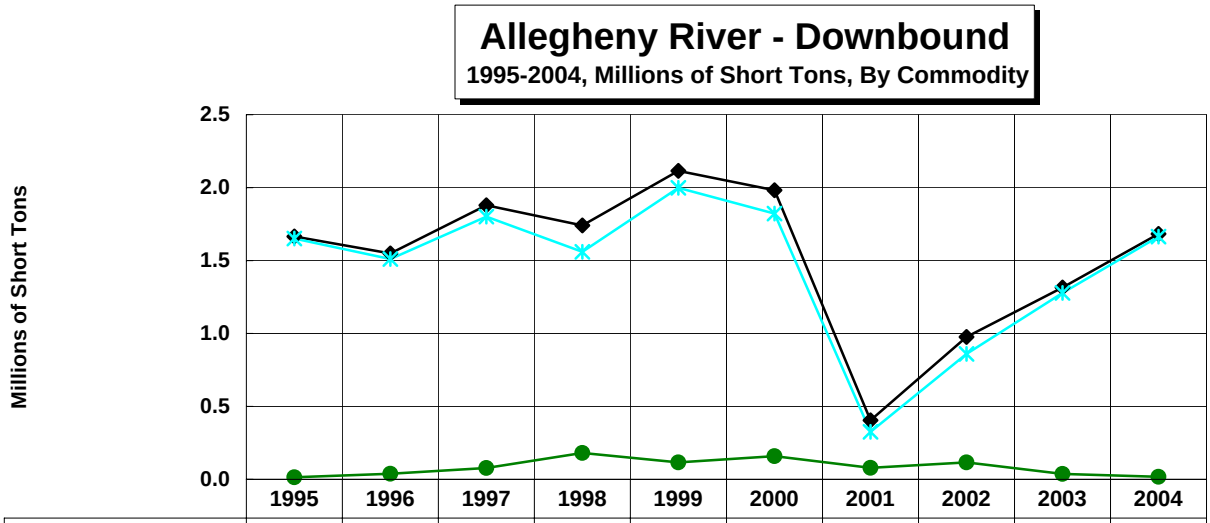
**Total Internal excludes waterway improvement materials, and beginning in 1996, excludes fish.
***Includes domestic coastwise tonnage.

Source: USACE Waterborne Commerce Statistics Center

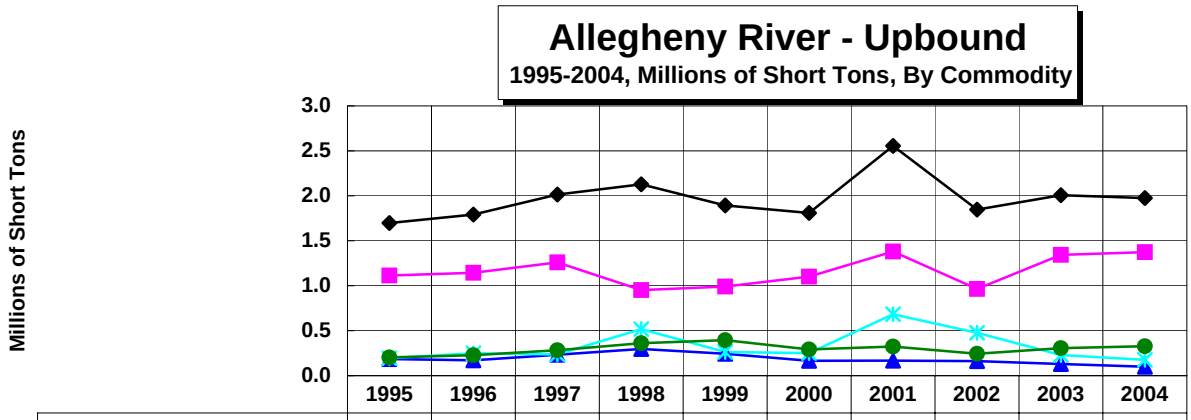


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	3.36	3.34	3.89	3.87	4.01	3.79	2.96	2.82	3.32	3.66
Coal	1.12	1.17	1.32	1.11	1.07	1.17	1.39	1.05	1.36	1.39
Petro & Petro Products	0.19	0.19	0.24	0.31	0.27	0.23	0.22	0.17	0.13	0.10
Chemicals	0.11	0.14	0.18	0.20	0.17	0.16	0.16	0.13	0.15	0.11
Crude Materials	1.85	1.76	2.04	2.08	2.26	2.07	1.01	1.34	1.51	1.84
Other	0.09	0.09	0.11	0.17	0.25	0.16	0.19	0.13	0.18	0.22

Source: USACE Waterborne Commerce Statistics Center

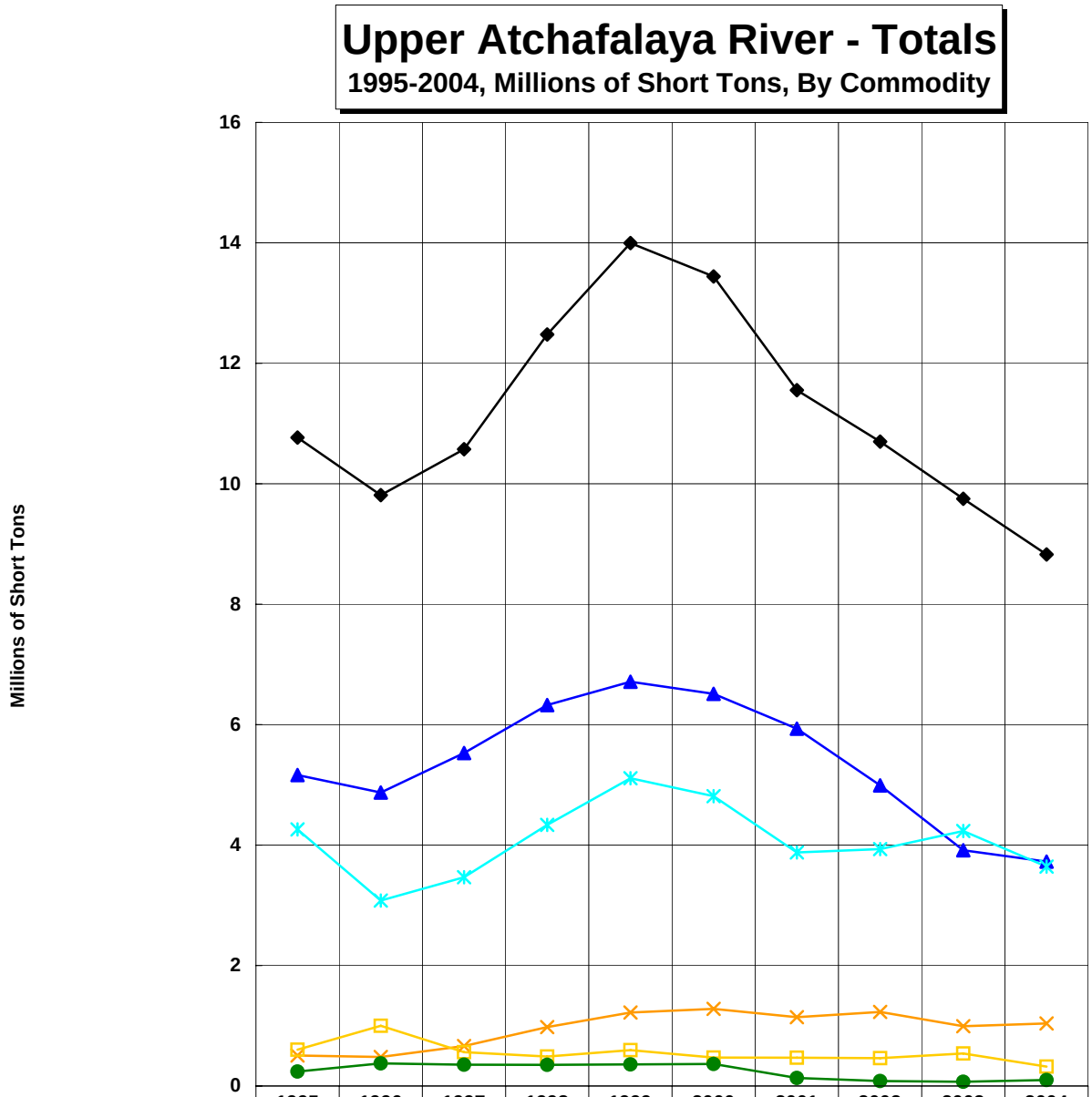


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	1.67	1.55	1.88	1.74	2.12	1.98	0.41	0.98	1.32	1.68
Crude Materials	1.65	1.51	1.80	1.56	2.00	1.82	0.33	0.86	1.28	1.66
Other	0.01	0.04	0.08	0.18	0.12	0.16	0.08	0.12	0.04	0.02



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	1.70	1.79	2.01	2.13	1.89	1.81	2.56	1.85	2.01	1.98
Coal	1.11	1.14	1.26	0.95	0.99	1.10	1.38	0.96	1.34	1.37
Petro & Petro Products	0.19	0.17	0.23	0.30	0.24	0.16	0.17	0.16	0.13	0.10
Crude Materials	0.19	0.25	0.24	0.52	0.26	0.25	0.68	0.48	0.23	0.18
Other	0.20	0.23	0.28	0.36	0.40	0.29	0.32	0.24	0.31	0.33

Source: USACE Waterborne Commerce Statistics Center

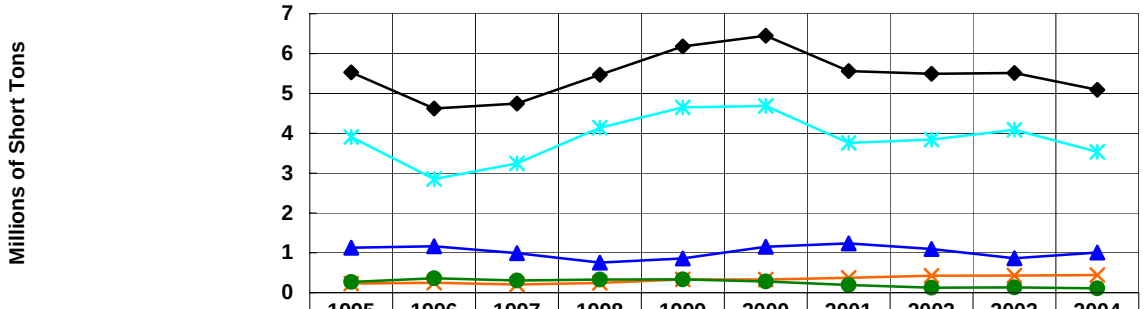


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	10.77	9.81	10.57	12.48	14.00	13.44	11.55	10.70	9.75	8.83
Petro & Petro Products	5.16	4.87	5.53	6.32	6.71	6.51	5.93	4.99	3.92	3.72
Chemicals	0.51	0.48	0.66	0.98	1.22	1.28	1.14	1.23	0.99	1.04
Crude Materials	4.26	3.08	3.47	4.34	5.11	4.81	3.88	3.93	4.23	3.64
Food & Farm	0.60	1.00	0.56	0.49	0.60	0.47	0.47	0.46	0.54	0.32
Other	0.24	0.38	0.35	0.35	0.36	0.36	0.13	0.08	0.07	0.10

Source: USACE Waterborne Commerce Statistics Center

Upper Atchafalaya River - Downbound

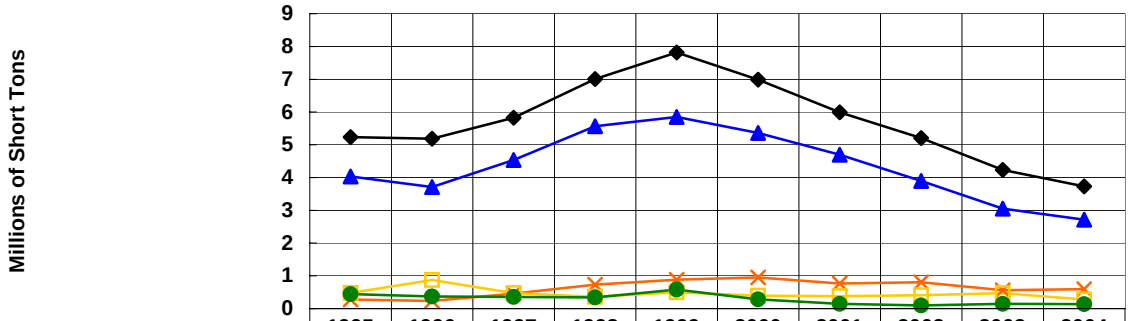
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	5.53	4.62	4.75	5.47	6.18	6.45	5.56	5.49	5.51	5.09
Petro & Petro Products	1.13	1.16	0.99	0.76	0.86	1.15	1.24	1.10	0.86	1.01
Chemicals	0.23	0.25	0.21	0.24	0.33	0.33	0.37	0.42	0.43	0.44
Crude Materials	3.91	2.85	3.24	4.14	4.65	4.69	3.76	3.84	4.09	3.54
Other	0.27	0.36	0.31	0.33	0.33	0.28	0.19	0.13	0.13	0.11

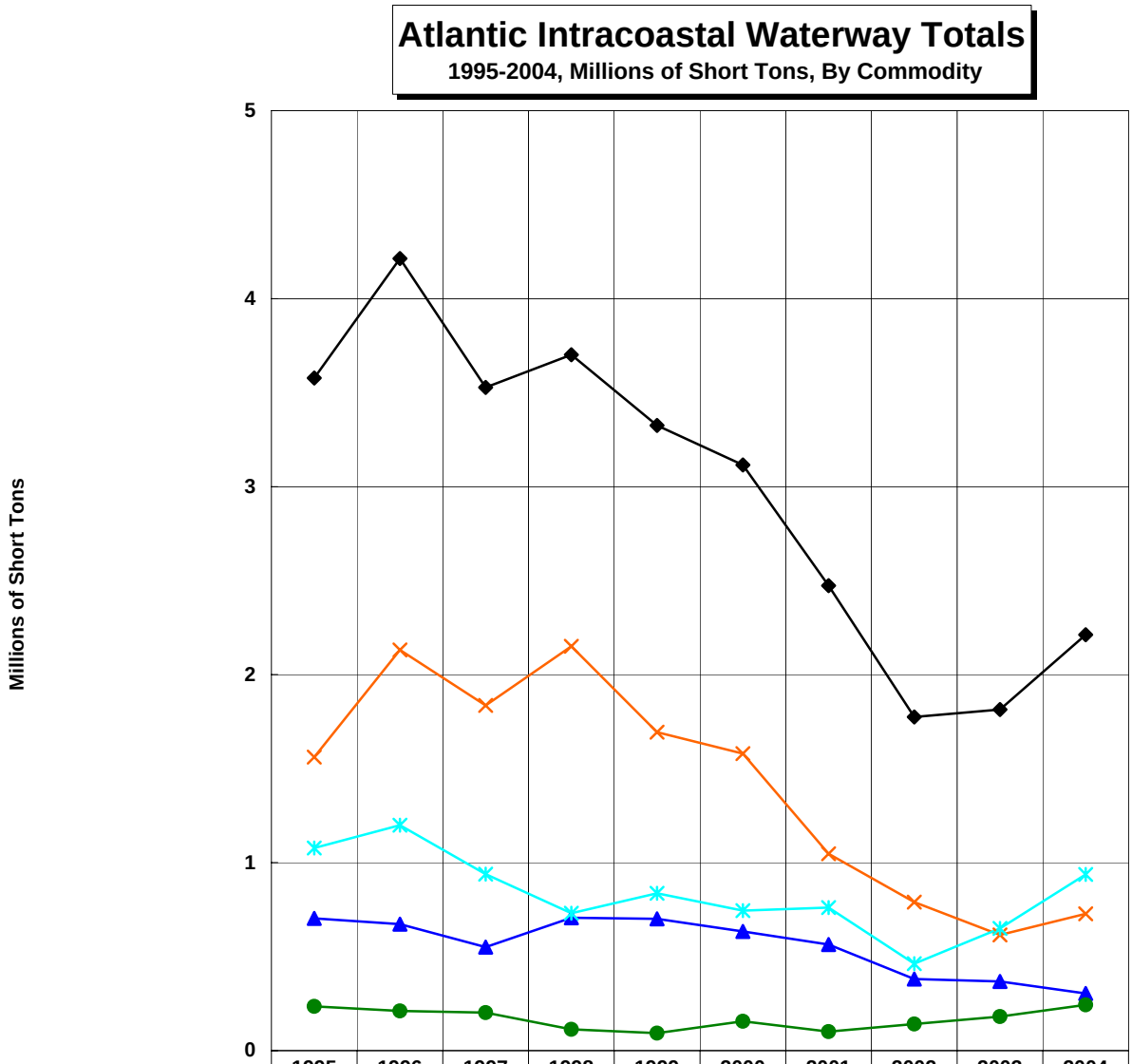
Upper Atchafalaya River - Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	5.24	5.19	5.82	7.01	7.82	6.99	5.99	5.21	4.23	3.73
Petro & Petro Products	4.04	3.71	4.54	5.57	5.85	5.36	4.70	3.89	3.05	2.72
Chemicals	0.28	0.23	0.46	0.73	0.89	0.95	0.77	0.80	0.56	0.60
Food & Farm	0.48	0.87	0.47	0.36	0.50	0.40	0.38	0.41	0.47	0.28
Other	0.45	0.37	0.36	0.34	0.58	0.28	0.15	0.10	0.15	0.14

Source: USACE Waterborne Commerce Statistics Center

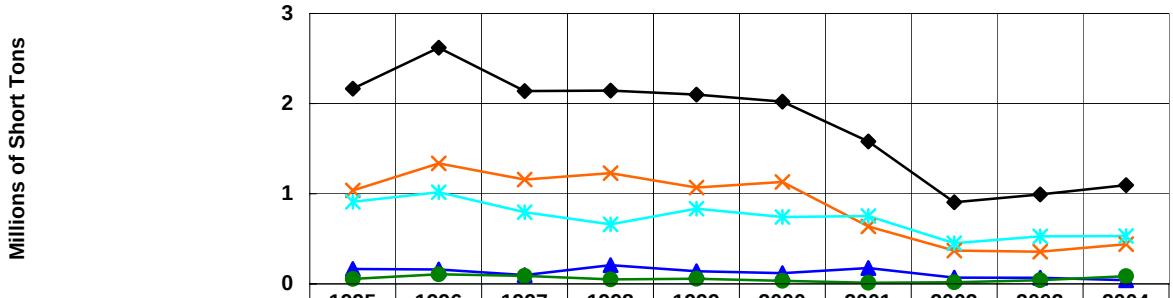


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	3.58	4.21	3.53	3.70	3.33	3.12	2.47	1.78	1.81	2.21
Petro & Petro Products	0.70	0.67	0.55	0.71	0.70	0.63	0.56	0.38	0.37	0.30
Chemicals	1.56	2.13	1.84	2.15	1.69	1.58	1.05	0.79	0.62	0.73
Crude Materials	1.08	1.20	0.94	0.73	0.84	0.74	0.76	0.46	0.65	0.94
Other	0.23	0.21	0.20	0.11	0.09	0.16	0.10	0.14	0.18	0.24

Source: USACE Waterborne Commerce Statistics Center

Atlantic Intracoastal Waterway

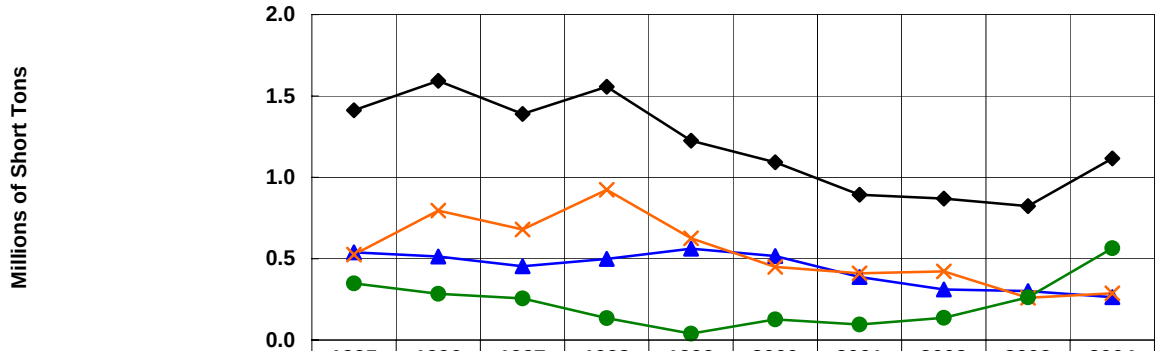
Southbound 1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	2.17	2.62	2.14	2.14	2.10	2.02	1.58	0.91	0.99	1.10
Petro & Petro Products	0.16	0.16	0.10	0.21	0.14	0.12	0.18	0.07	0.07	0.04
Chemicals	1.04	1.34	1.16	1.23	1.07	1.13	0.64	0.37	0.36	0.44
Crude Materials	0.91	1.02	0.80	0.66	0.83	0.74	0.75	0.45	0.53	0.53
Other	0.05	0.11	0.09	0.05	0.06	0.03	0.01	0.02	0.04	0.08

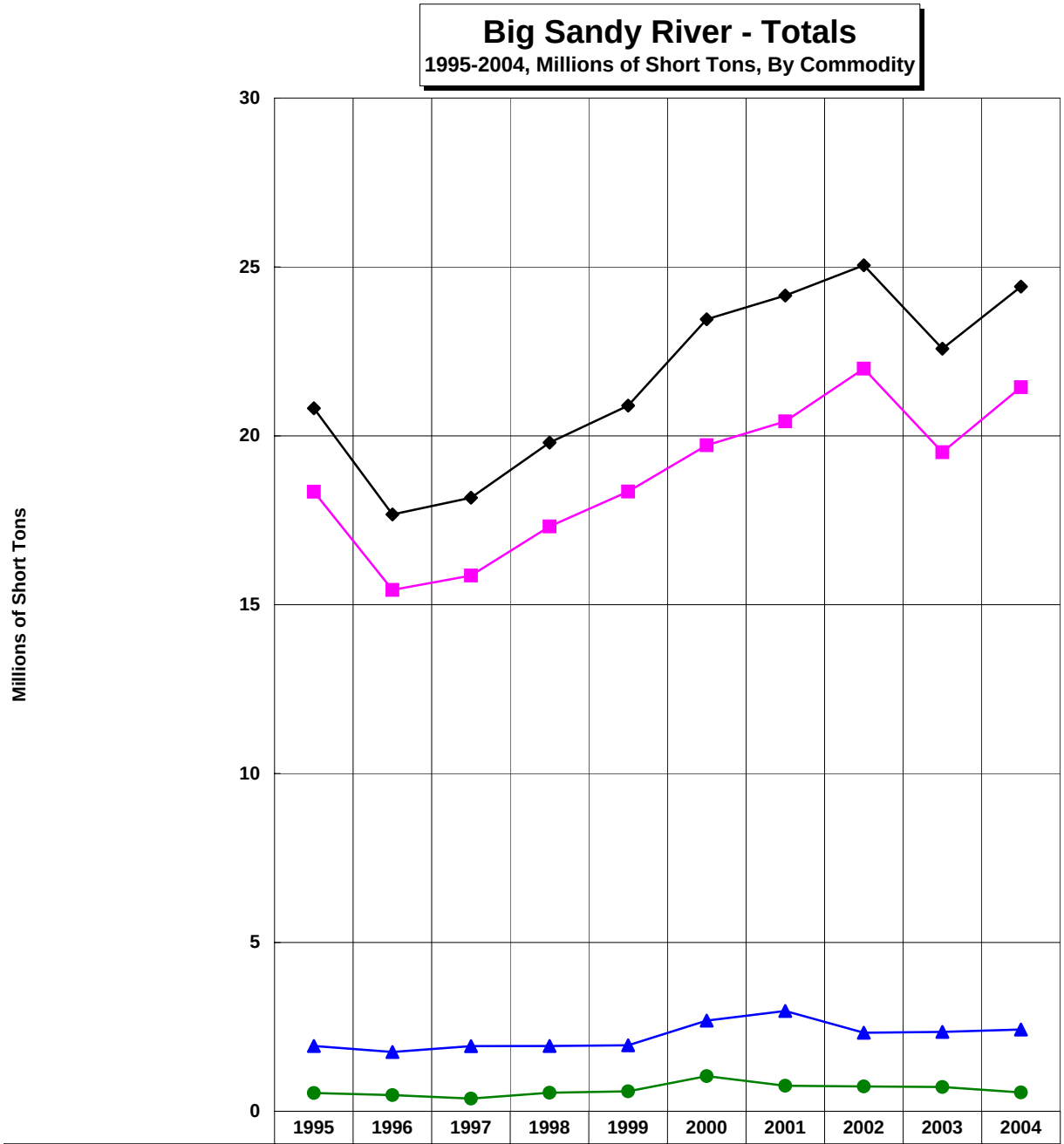
Atlantic Intracoastal Waterway

Northbound 1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	1.41	1.59	1.39	1.56	1.23	1.09	0.89	0.87	0.82	1.12
Petro & Petro Products	0.54	0.51	0.45	0.50	0.56	0.52	0.39	0.31	0.30	0.26
Chemicals	0.53	0.80	0.68	0.92	0.63	0.45	0.41	0.42	0.26	0.29
Other	0.35	0.28	0.26	0.13	0.04	0.13	0.10	0.14	0.26	0.56

Source: USACE Waterborne Commerce Statistics Center

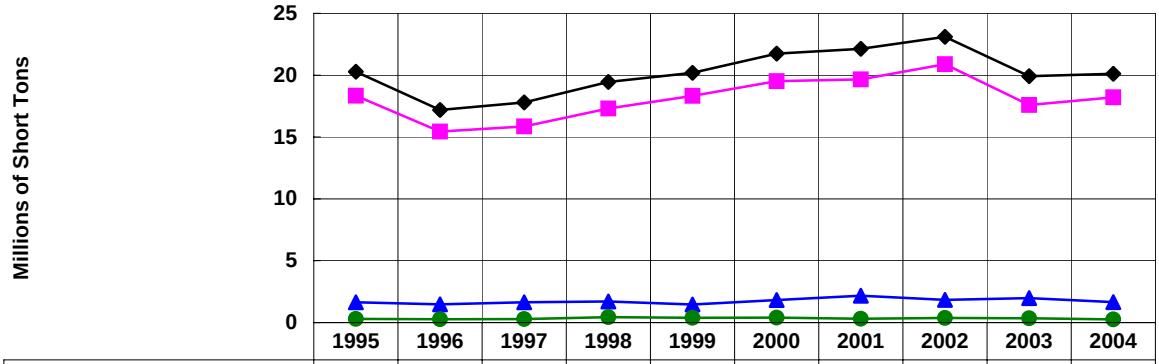


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	20.82	17.67	18.17	19.80	20.89	23.45	24.16	25.05	22.58	24.42
Coal	18.35	15.44	15.86	17.32	18.35	19.72	20.43	21.99	19.51	21.44
Petro & Petro Products	1.93	1.76	1.93	1.93	1.95	2.69	2.97	2.33	2.35	2.42
Other	0.54	0.48	0.38	0.55	0.59	1.04	0.76	0.74	0.72	0.56

Source: USACE Waterborne Commerce Statistics Center

Big Sandy River - Downbound

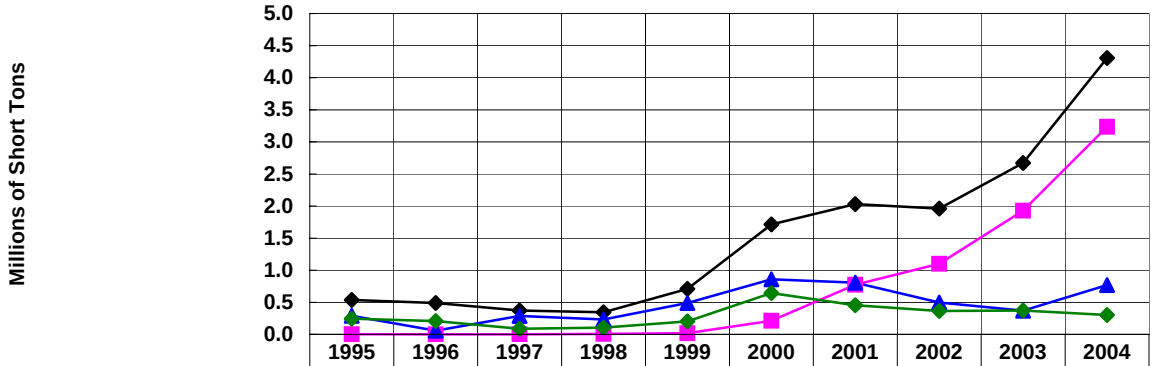
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	20.28	17.19	17.80	19.46	20.19	21.74	22.13	23.09	19.91	20.12
Coal	18.34	15.44	15.86	17.31	18.33	19.51	19.65	20.89	17.59	18.21
Petro & Petro Products	1.64	1.47	1.65	1.70	1.46	1.83	2.17	1.83	1.98	1.65
Other	0.30	0.27	0.29	0.45	0.39	0.40	0.30	0.37	0.35	0.25

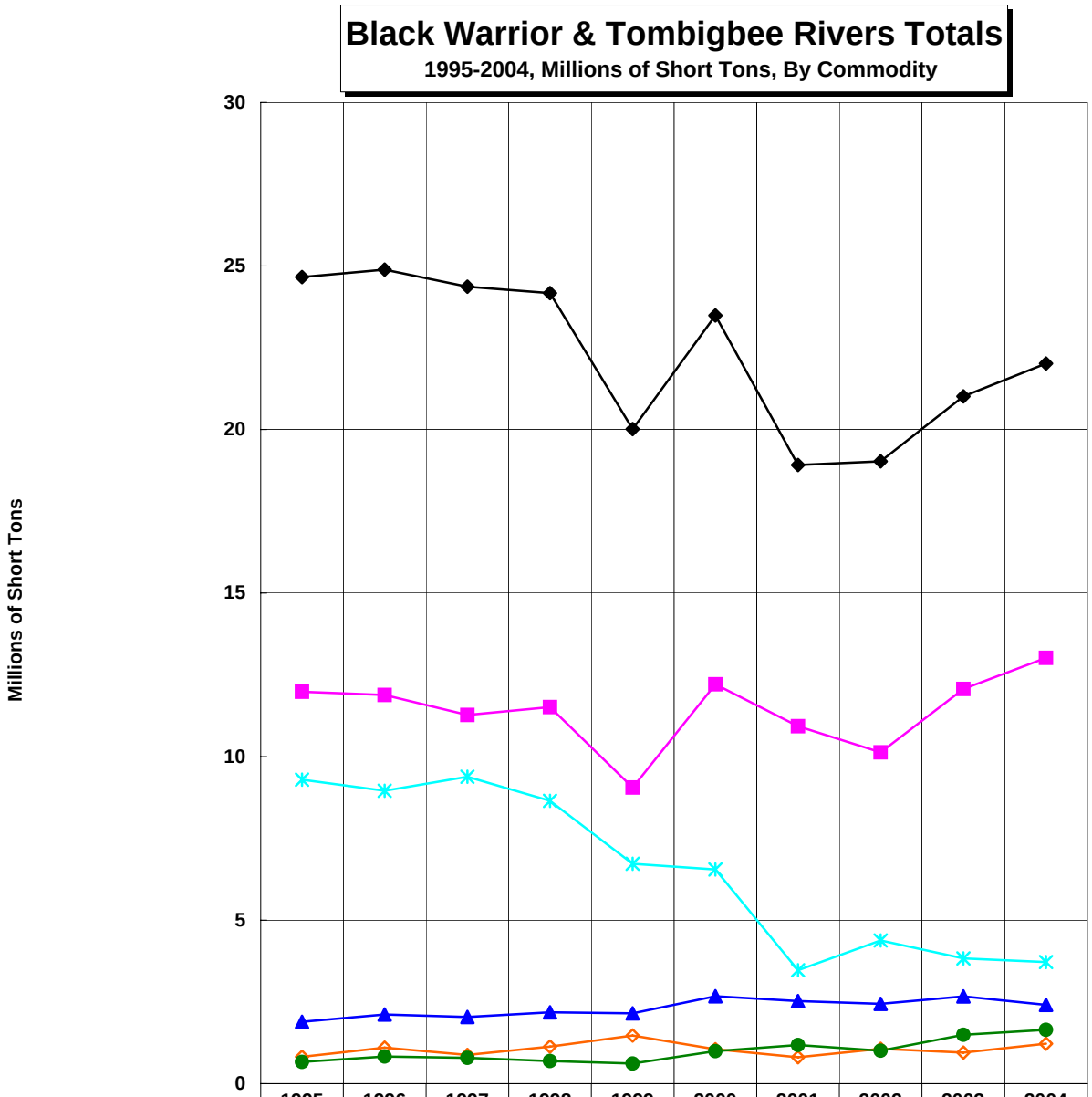
Big Sandy River - Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	0.54	0.49	0.37	0.34	0.71	1.71	2.03	1.96	2.67	4.31
Coal	0.00	0.00	0.00	0.01	0.02	0.21	0.77	1.10	1.93	3.23
Petro & Petro Products	0.29	0.06	0.29	0.23	0.49	0.86	0.80	0.50	0.37	0.77
Other	0.25	0.21	0.09	0.10	0.20	0.64	0.45	0.36	0.37	0.30

Source: USACE Waterborne Commerce Statistics Center

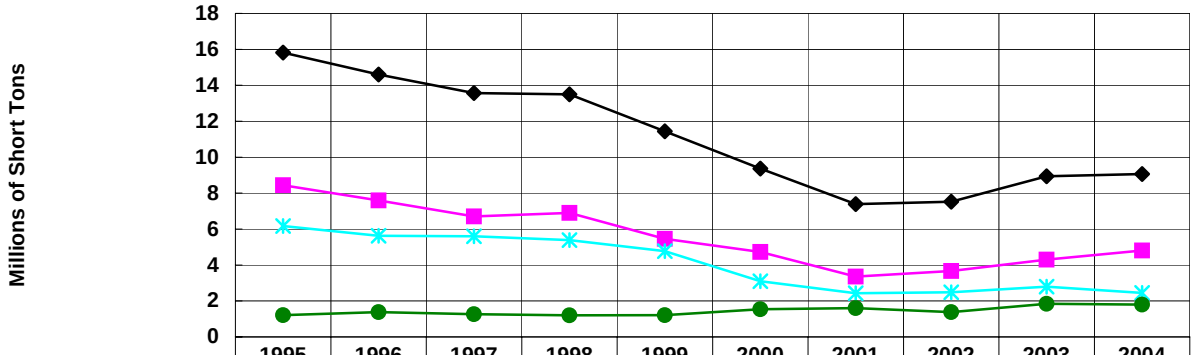


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	24.66	24.89	24.37	24.17	20.01	23.48	18.91	19.03	21.01	22.02
Coal	11.98	11.88	11.27	11.51	9.05	12.21	10.93	10.13	12.07	13.02
Petro & Petro Products	1.89	2.12	2.04	2.18	2.15	2.68	2.53	2.44	2.67	2.41
Crude Materials	9.30	8.96	9.38	8.65	6.72	6.55	3.47	4.38	3.83	3.72
Manufactured Goods	0.82	1.10	0.88	1.13	1.47	1.05	0.81	1.07	0.95	1.22
Other	0.67	0.83	0.79	0.69	0.62	1.00	1.18	1.01	1.49	1.65

Source: USACE Waterborne Commerce Statistics Center

Black Warrior & Tombigbee Rivers

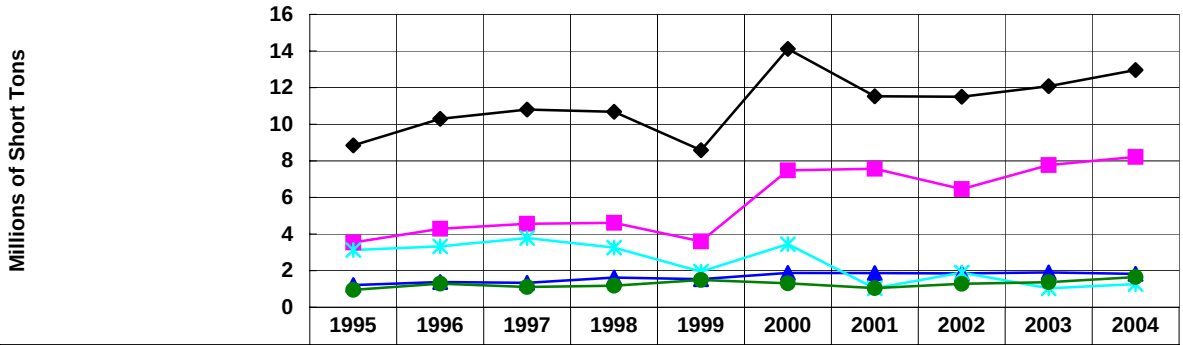
Downbound, 1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	15.82	14.60	13.57	13.49	11.44	9.37	7.39	7.53	8.94	9.06
Coal	8.44	7.59	6.71	6.90	5.45	4.73	3.36	3.67	4.30	4.81
Crude Materials	6.16	5.62	5.60	5.39	4.77	3.10	2.43	2.48	2.79	2.45
Other	1.21	1.38	1.26	1.20	1.21	1.54	1.60	1.38	1.84	1.80

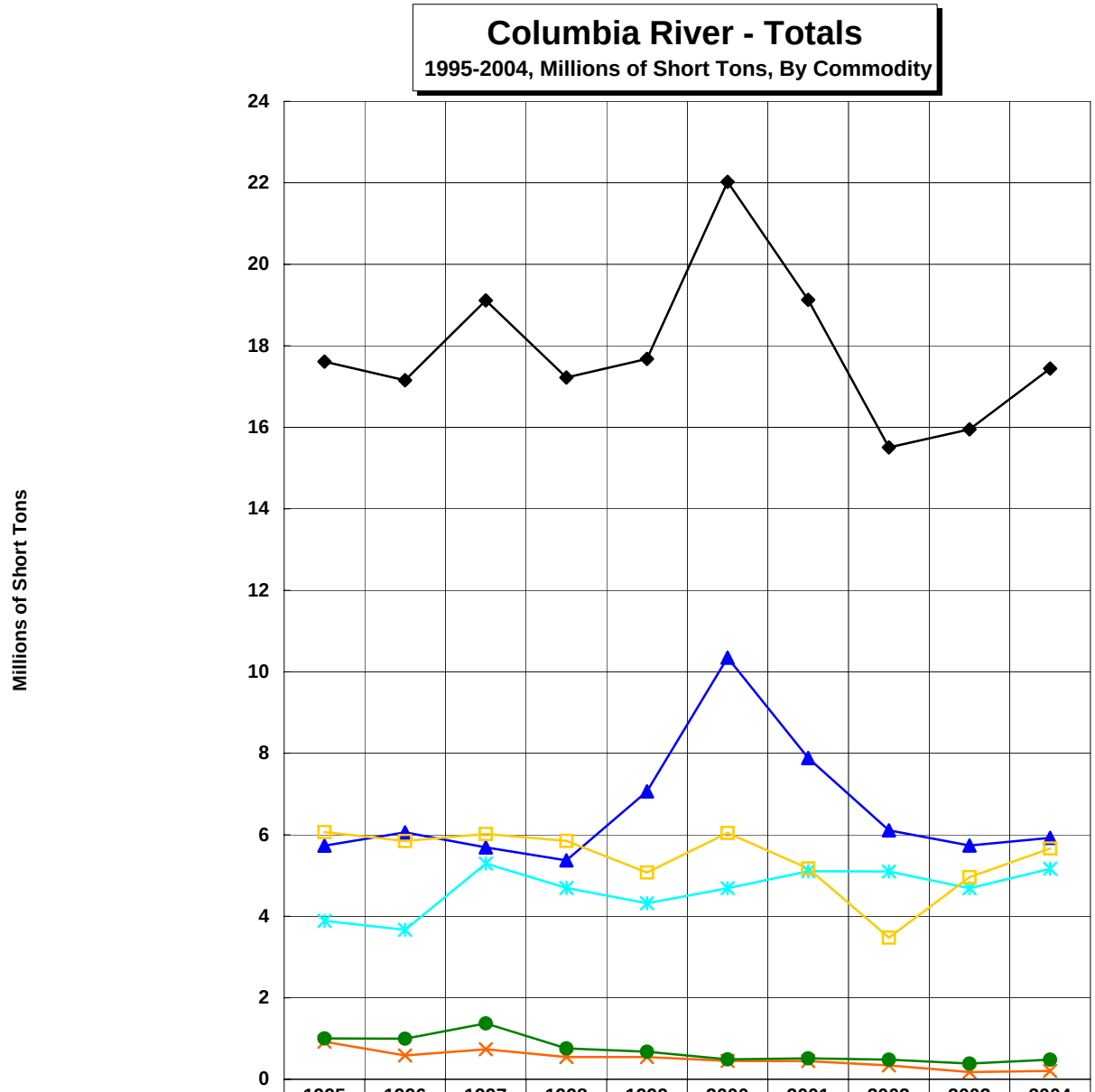
Black Warrior & Tombigbee Rivers

Upbound, Millions of Short Tons, 1995-2004, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	8.84	10.29	10.80	10.68	8.58	14.12	11.52	11.50	12.08	12.96
Coal	3.54	4.29	4.56	4.61	3.60	7.48	7.57	6.46	7.76	8.21
Petro & Petro Products	1.22	1.38	1.34	1.62	1.54	1.87	1.87	1.86	1.90	1.83
Crude Materials	3.13	3.33	3.78	3.26	1.95	3.45	1.04	1.90	1.04	1.27
Other	0.96	1.29	1.11	1.18	1.49	1.31	1.05	1.29	1.37	1.65

Source: USACE Waterborne Commerce Statistics Center



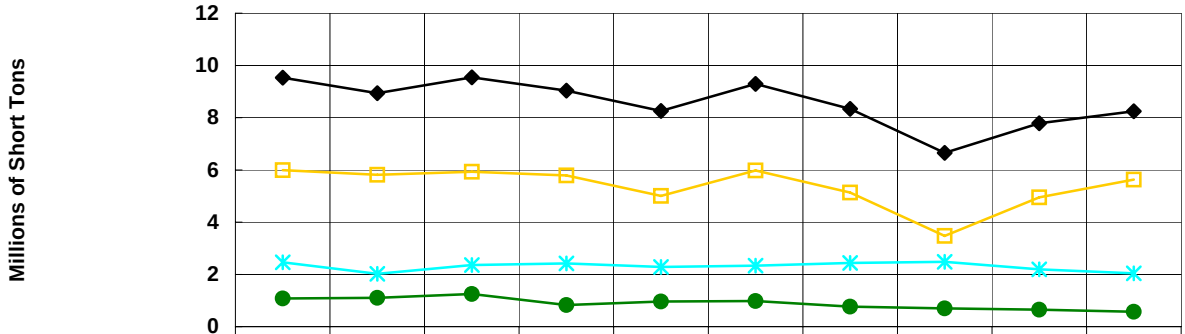
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	17.61	17.15	19.11	17.22	17.68	22.02	19.13	15.51	15.95	17.44
Petro & Petro Products	5.73	6.06	5.69	5.37	7.07	10.35	7.88	6.11	5.74	5.92
Chemicals	0.92	0.58	0.74	0.54	0.54	0.45	0.45	0.34	0.18	0.20
Crude Materials	3.89	3.67	5.30	4.70	4.32	4.69	5.11	5.10	4.69	5.17
Food & Farm	6.07	5.85	6.02	5.85	5.07	6.05	5.17	3.48	4.96	5.66
Other	1.00	1.00	1.37	0.76	0.68	0.49	0.51	0.48	0.39	0.48

Domestic tonnage only (including coastwise).

Source: USACE Waterborne Commerce Statistics Center

Columbia River - Downbound

1995-2004, Millions of Short Tons, By Commodity

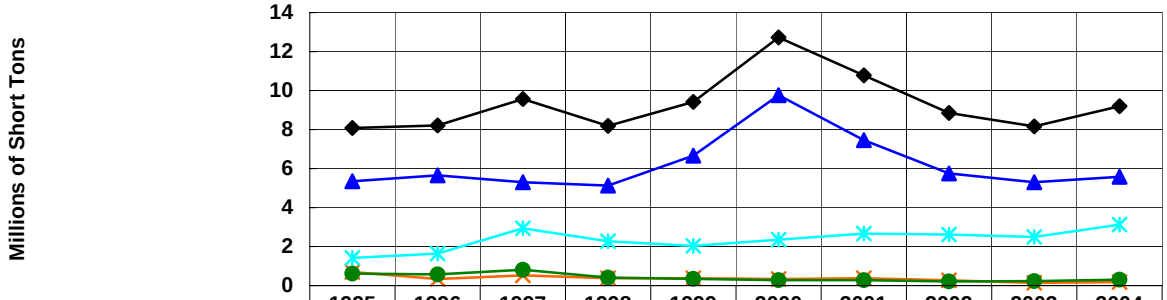


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	9.53	8.94	9.54	9.03	8.26	9.29	8.34	6.65	7.79	8.24
Crude Materials	2.46	2.02	2.36	2.42	2.29	2.33	2.44	2.48	2.19	2.04
Food & Farm	5.99	5.81	5.93	5.79	5.01	5.98	5.13	3.47	4.95	5.63
Other	1.08	1.10	1.25	0.83	0.96	0.98	0.77	0.70	0.65	0.57

Domestic tonnage only (including coastwise).

Columbia River - Upbound

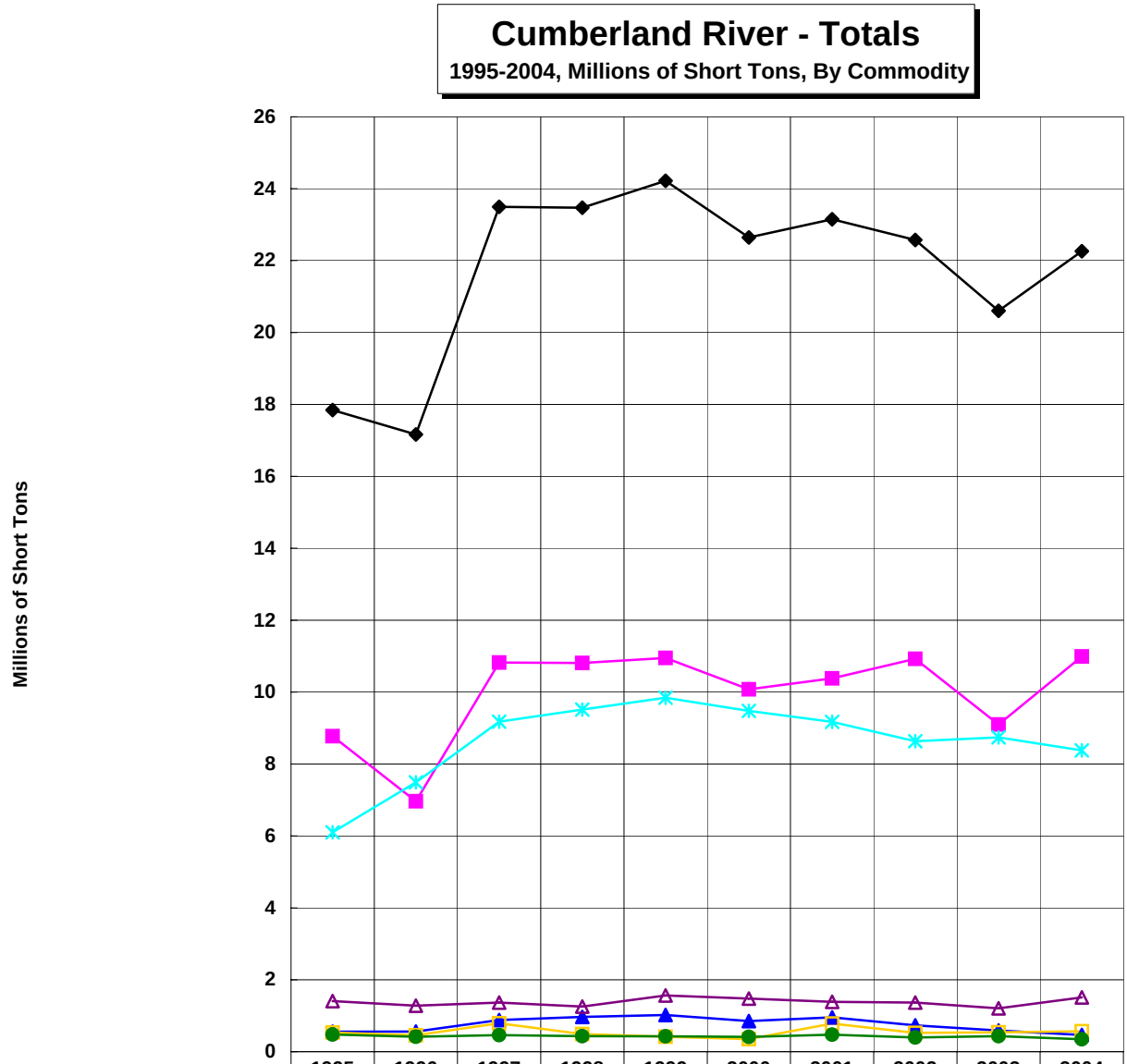
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	8.08	8.21	9.57	8.19	9.42	12.73	10.79	8.85	8.17	9.20
Petro & Petro Products	5.35	5.65	5.30	5.13	6.66	9.76	7.46	5.75	5.30	5.58
Chemicals	0.69	0.34	0.53	0.38	0.38	0.33	0.38	0.27	0.14	0.18
Crude Materials	1.42	1.64	2.94	2.28	2.03	2.36	2.67	2.62	2.50	3.13
Other	0.61	0.58	0.81	0.41	0.35	0.28	0.28	0.22	0.23	0.31

Domestic tonnage only (including coastwise).

Source: USACE Waterborne Commerce Statistics Center

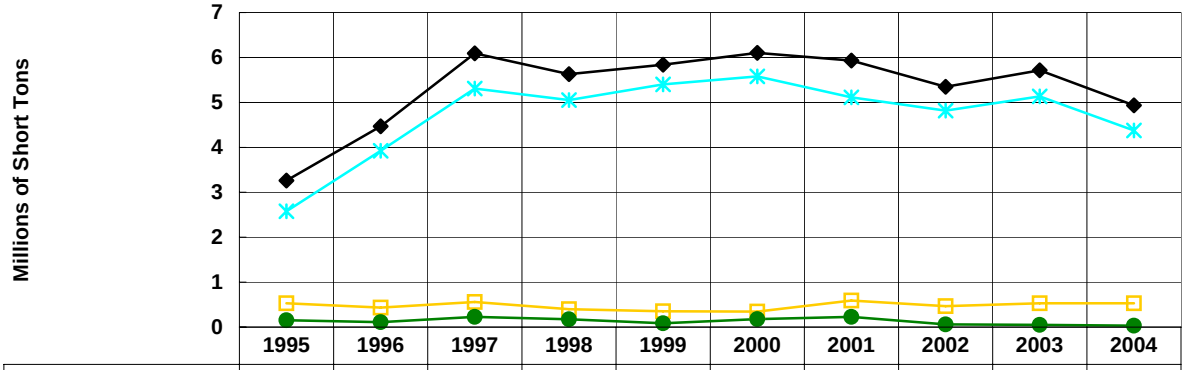


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	17.84	17.17	23.49	23.47	24.22	22.65	23.15	22.57	20.60	22.26
Coal	8.77	6.96	10.82	10.81	10.95	10.08	10.38	10.92	9.10	10.99
Petro & Petro Products	0.55	0.56	0.88	0.97	1.02	0.85	0.95	0.73	0.59	0.47
Crude Materials	6.10	7.49	9.18	9.52	9.84	9.48	9.17	8.64	8.74	8.38
Manufactured Goods	1.41	1.28	1.36	1.26	1.56	1.48	1.39	1.37	1.20	1.51
Food & Farm	0.53	0.46	0.79	0.49	0.42	0.35	0.78	0.52	0.54	0.57
Other	0.48	0.41	0.46	0.43	0.43	0.41	0.47	0.40	0.43	0.35

Source: USACE Waterborne Commerce Statistics Center

Cumberland River - Downbound

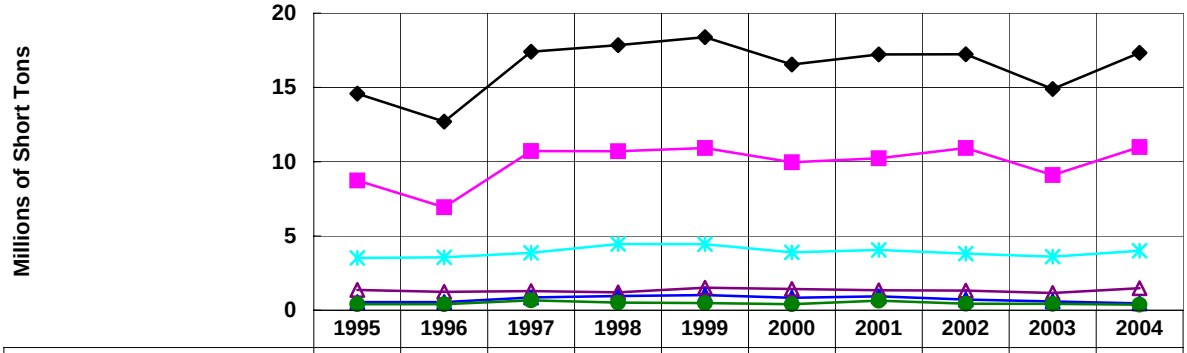
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	3.26	4.47	6.09	5.63	5.84	6.10	5.93	5.35	5.71	4.94
Crude Materials	2.58	3.92	5.31	5.05	5.40	5.58	5.11	4.82	5.13	4.38
Food & Farm	0.53	0.43	0.56	0.40	0.35	0.35	0.59	0.47	0.53	0.53
Other	0.15	0.11	0.23	0.17	0.09	0.18	0.23	0.06	0.05	0.03

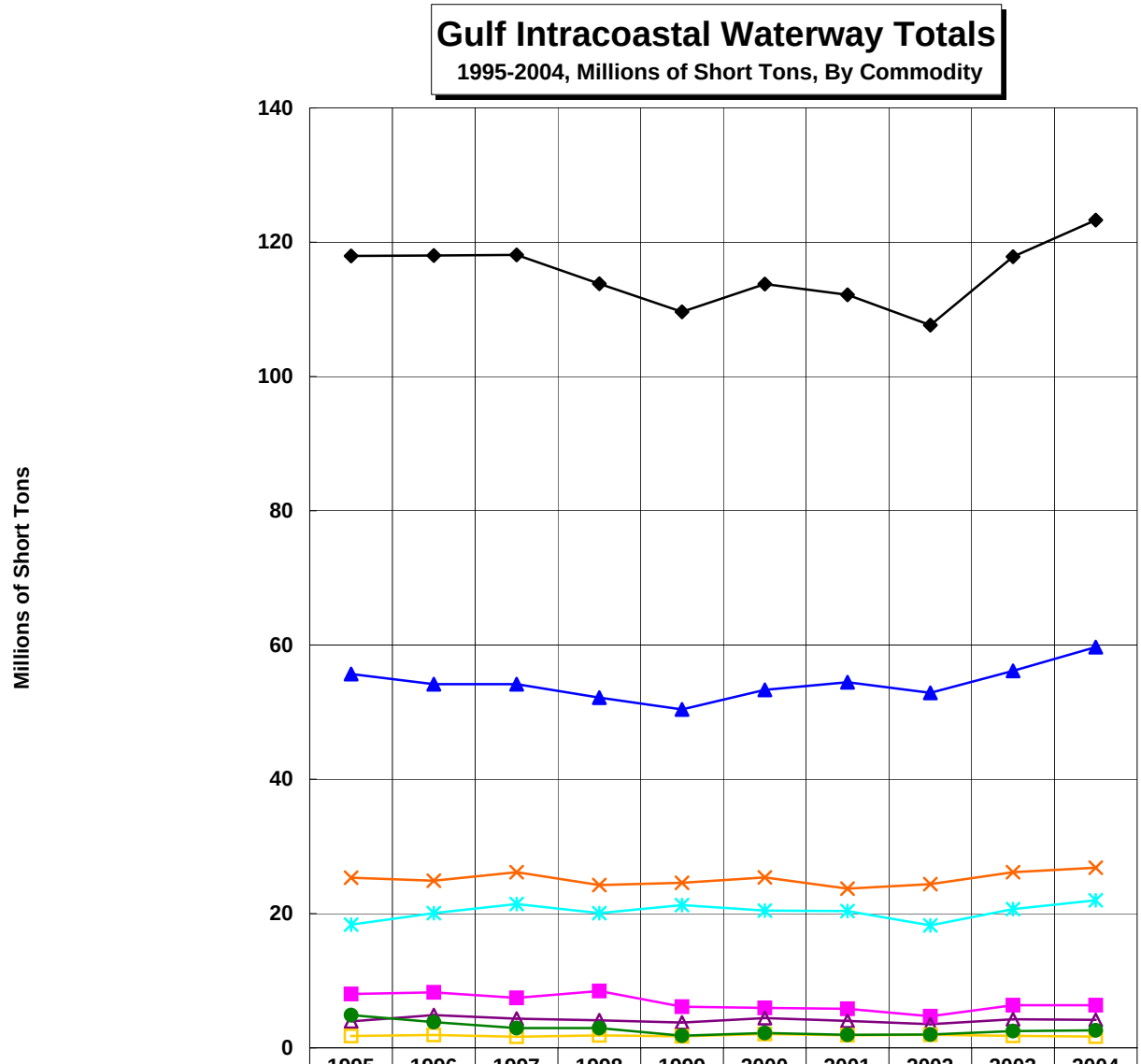
Cumberland River - Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	14.58	12.70	17.40	17.84	18.38	16.54	17.22	17.23	14.89	17.33
Coal	8.73	6.94	10.71	10.71	10.92	9.96	10.23	10.92	9.10	10.99
Petro & Petro Products	0.55	0.55	0.86	0.96	1.02	0.84	0.94	0.72	0.59	0.47
Crude Materials	3.52	3.56	3.87	4.46	4.44	3.90	4.06	3.82	3.61	4.00
Manufactured Goods	1.37	1.24	1.29	1.20	1.52	1.43	1.34	1.32	1.16	1.49
Other	0.41	0.41	0.66	0.51	0.48	0.41	0.65	0.44	0.43	0.38

Source: USACE Waterborne Commerce Statistics Center



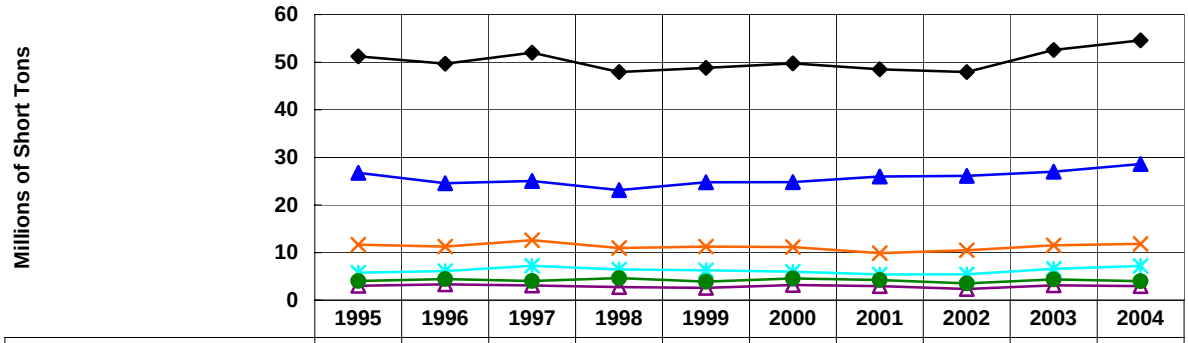
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	117.96	118.03	118.11	113.81	109.64	113.76	112.18	107.65	117.84	123.30
Coal	8.01	8.27	7.44	8.47	6.13	5.94	5.80	4.71	6.36	6.36
Petro & Petro Products	55.69	54.18	54.16	52.17	50.41	53.32	54.45	52.88	56.14	59.70
Chemicals	25.34	24.90	26.16	24.24	24.57	25.37	23.71	24.37	26.16	26.83
Crude Materials	18.35	20.06	21.42	20.05	21.26	20.43	20.38	18.24	20.66	21.97
Manufactured Goods	3.94	4.87	4.34	4.09	3.77	4.43	4.01	3.53	4.25	4.16
Food & Farm	1.76	1.92	1.65	1.84	1.70	2.06	1.88	1.94	1.78	1.66
Other	4.88	3.83	2.94	2.94	1.80	2.21	1.94	1.99	2.50	2.62

Includes coastwise tonnage.

Source: USACE Waterborne Commerce Statistics Center

Gulf Intracoastal Waterway Westbound

1995-2004, Millions of Short Tons,By Commodity

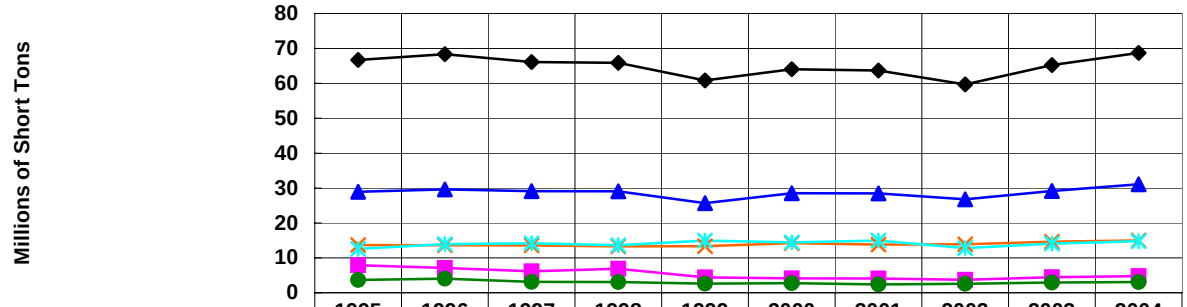


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	51.24	49.68	52.01	47.94	48.79	49.74	48.51	47.94	52.58	54.58
Petro & Petro Products	26.77	24.56	25.04	23.13	24.76	24.82	25.99	26.12	26.99	28.62
Chemicals	11.67	11.27	12.60	10.95	11.25	11.16	9.89	10.49	11.52	11.84
Crude Materials	5.76	6.10	7.24	6.46	6.30	6.00	5.43	5.44	6.58	7.19
Manufactured Goods	3.02	3.31	3.08	2.77	2.60	3.19	2.96	2.36	3.13	2.95
Other	4.03	4.44	4.05	4.63	3.89	4.58	4.24	3.52	4.36	3.98

Includes coastwise tonnage.

Gulf Intracoastal Waterway Eastbound

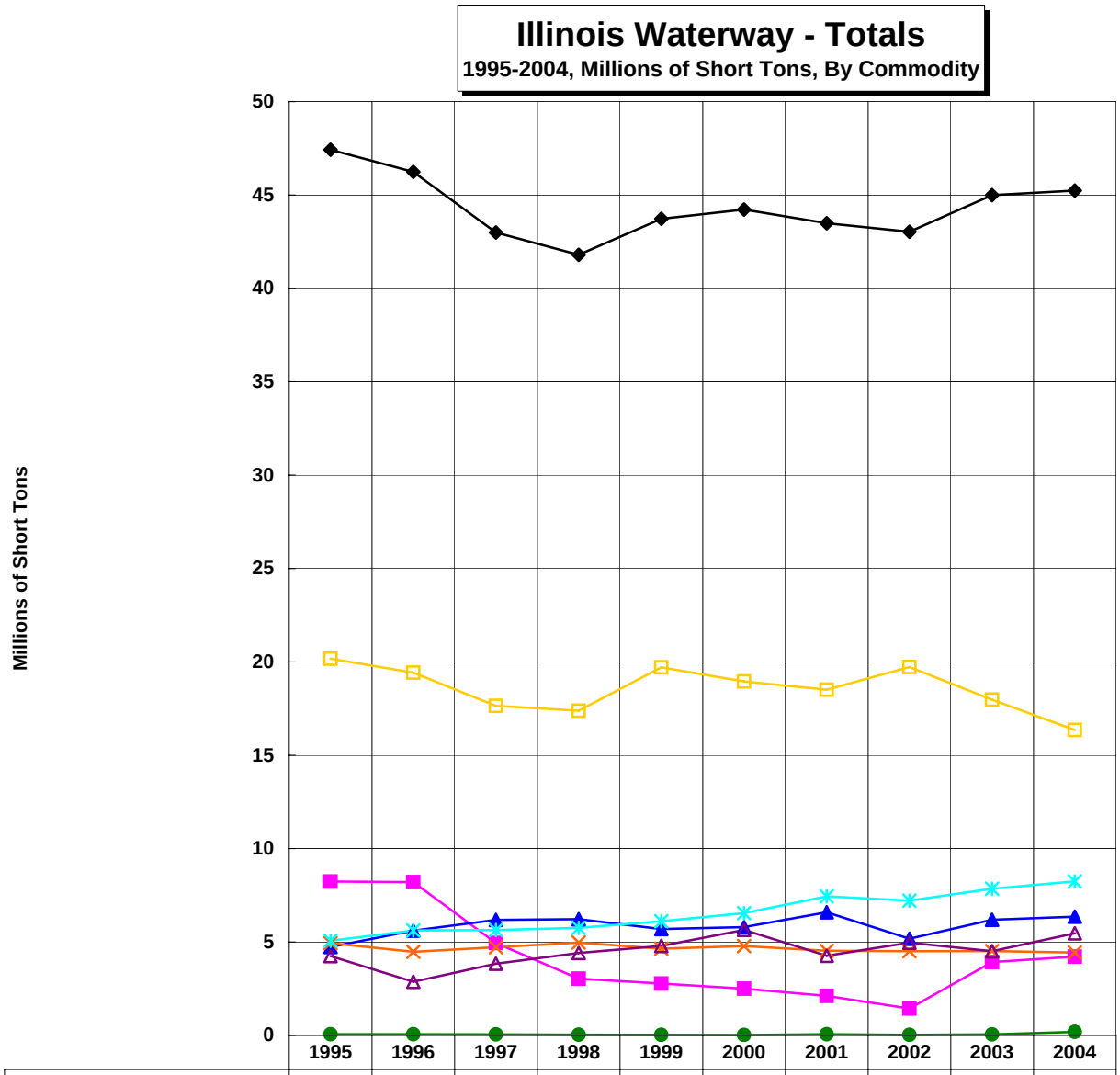
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	66.72	68.35	66.10	65.87	60.85	64.03	63.67	59.71	65.26	68.71
Coal	7.89	7.11	6.13	6.86	4.38	4.14	4.06	3.71	4.45	4.77
Petro & Petro Products	28.92	29.61	29.12	29.04	25.65	28.50	28.46	26.76	29.15	31.08
Chemicals	13.67	13.63	13.56	13.30	13.32	14.21	13.82	13.88	14.63	14.99
Crude Materials	12.58	13.95	14.18	13.59	14.96	14.43	14.95	12.80	14.08	14.78
Other	3.65	4.03	3.11	3.08	2.63	2.74	2.37	2.56	2.95	3.09

Includes coastwise tonnage.

Source: USACE Waterborne Commerce Statistics Center

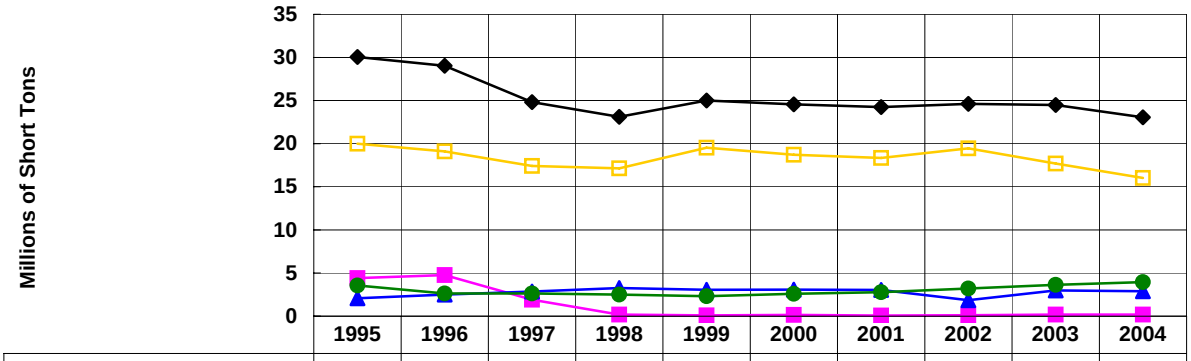


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	47.43	46.24	42.99	41.79	43.72	44.22	43.49	43.03	44.99	45.23
Coal	8.24	8.20	4.94	3.03	2.77	2.50	2.11	1.44	3.92	4.21
Petro & Petro Products	4.73	5.61	6.18	6.22	5.69	5.79	6.59	5.18	6.19	6.35
Chemicals	4.94	4.47	4.71	4.97	4.63	4.78	4.52	4.50	4.51	4.43
Crude Materials	5.06	5.61	5.64	5.76	6.11	6.54	7.44	7.21	7.85	8.24
Manufactured Goods	4.24	2.87	3.83	4.41	4.79	5.64	4.26	4.96	4.51	5.46
Food & Farm	20.17	19.42	17.64	17.38	19.71	18.95	18.51	19.72	17.97	16.35
Other	0.05	0.06	0.05	0.03	0.03	0.02	0.05	0.03	0.05	0.18

Source: USACE Waterborne Commerce Statistics Center

Illinois Waterway - Downbound

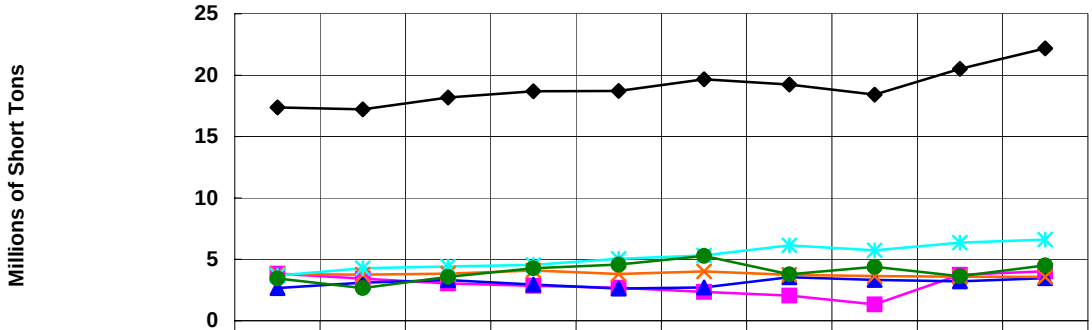
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	30.05	29.02	24.81	23.10	25.00	24.55	24.24	24.61	24.48	23.05
Coal	4.41	4.77	1.91	0.19	0.09	0.14	0.07	0.11	0.18	0.18
Petro & Petro Products	2.08	2.50	2.86	3.27	3.07	3.08	3.04	1.85	2.98	2.89
Food & Farm	20.00	19.10	17.42	17.13	19.53	18.72	18.35	19.46	17.69	16.03
Other	3.56	2.64	2.63	2.50	2.33	2.60	2.78	3.20	3.63	3.94

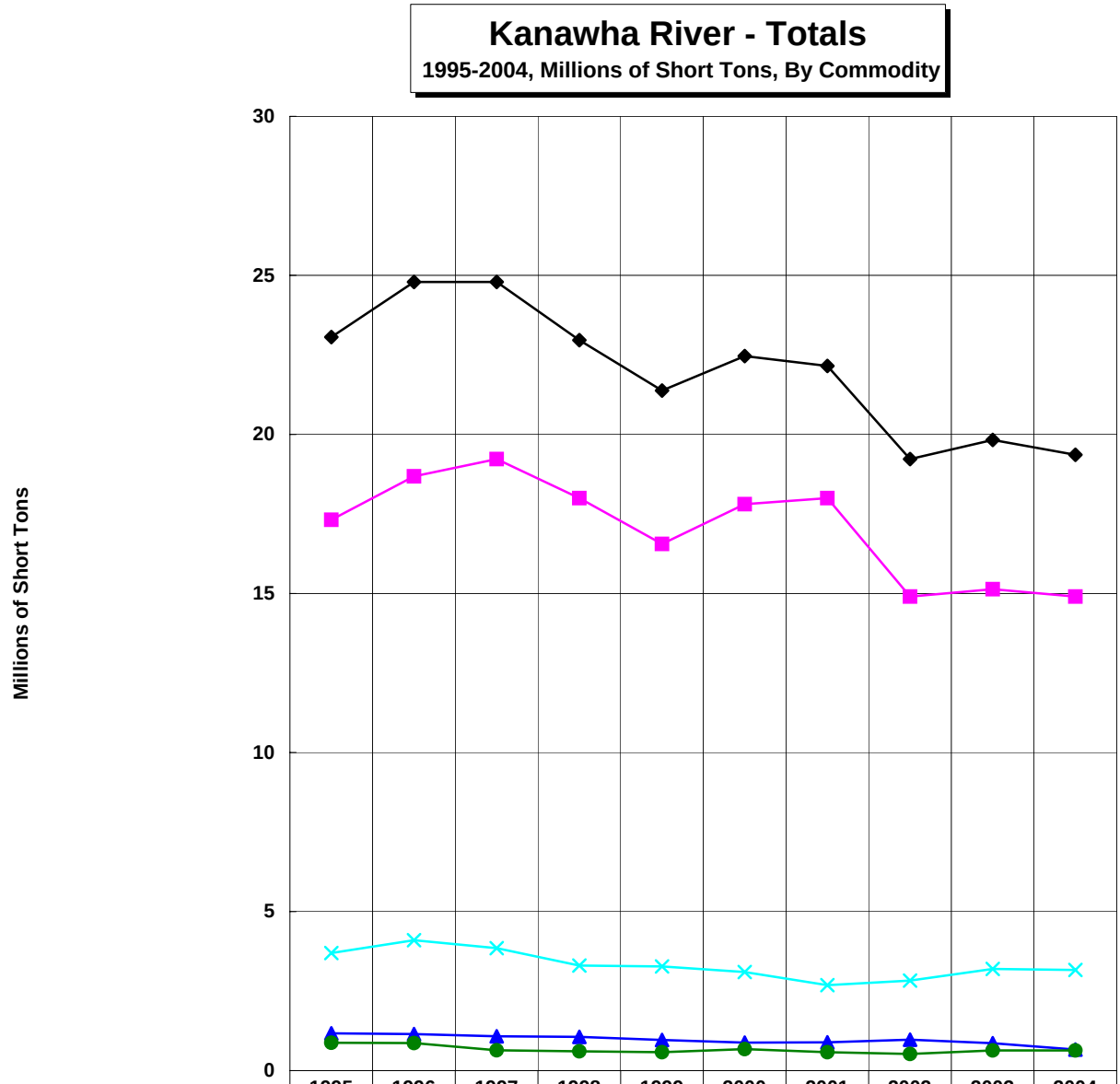
Illinois Waterway - Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	17.38	17.22	18.18	18.69	18.72	19.67	19.24	18.42	20.51	22.19
Coal	3.83	3.43	3.03	2.84	2.68	2.35	2.04	1.33	3.74	4.03
Petro & Petro Products	2.65	3.11	3.32	2.94	2.62	2.71	3.55	3.33	3.21	3.47
Chemicals	3.79	3.75	3.84	4.09	3.80	4.01	3.74	3.63	3.58	3.57
Crude Materials	3.67	4.27	4.42	4.55	5.04	5.31	6.14	5.74	6.36	6.61
Other	3.44	2.65	3.57	4.27	4.57	5.28	3.78	4.39	3.62	4.51

Source: USACE Waterborne Commerce Statistics Center

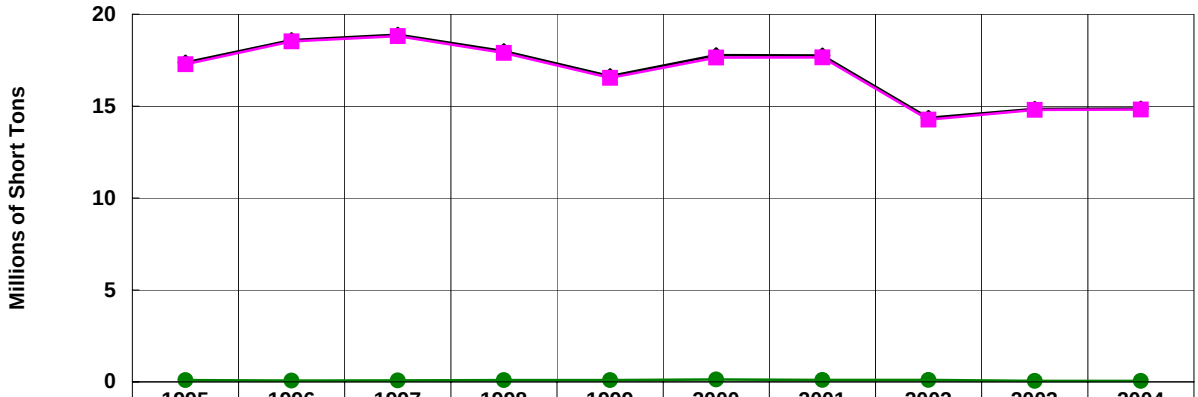


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	23.06	24.79	24.79	22.96	21.38	22.46	22.15	19.23	19.83	19.36
Coal	17.32	18.68	19.22	18.00	16.56	17.81	18.00	14.90	15.13	14.90
Petro & Petro Products	1.17	1.15	1.08	1.06	0.96	0.88	0.89	0.97	0.86	0.66
Crude Materials	3.70	4.10	3.85	3.30	3.27	3.10	2.69	2.83	3.20	3.16
Other	0.87	0.86	0.64	0.61	0.58	0.68	0.58	0.52	0.63	0.63

Source: USACE Waterborne Commerce Statistics Center

Kanawha River - Downbound

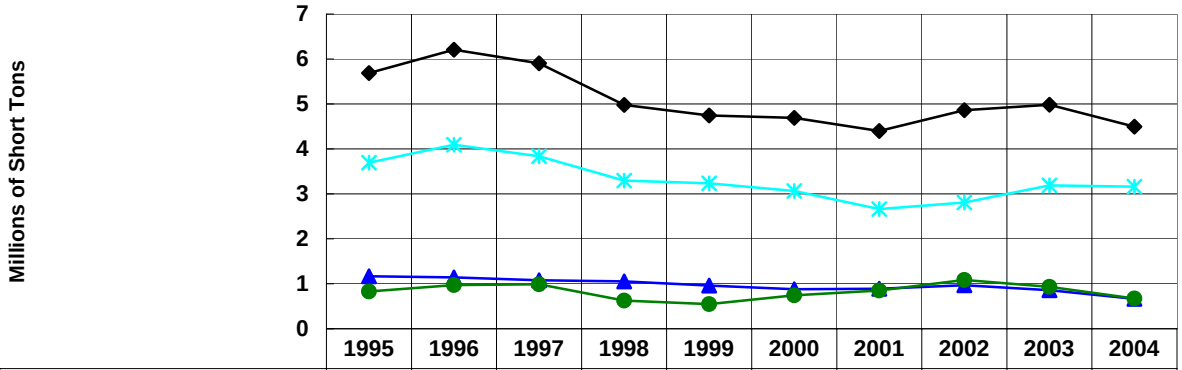
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	17.37	18.59	18.89	17.99	16.63	17.77	17.75	14.36	14.84	14.87
Coal	17.28	18.52	18.81	17.89	16.54	17.64	17.65	14.26	14.79	14.81
Other	0.09	0.07	0.08	0.09	0.10	0.13	0.10	0.10	0.05	0.06

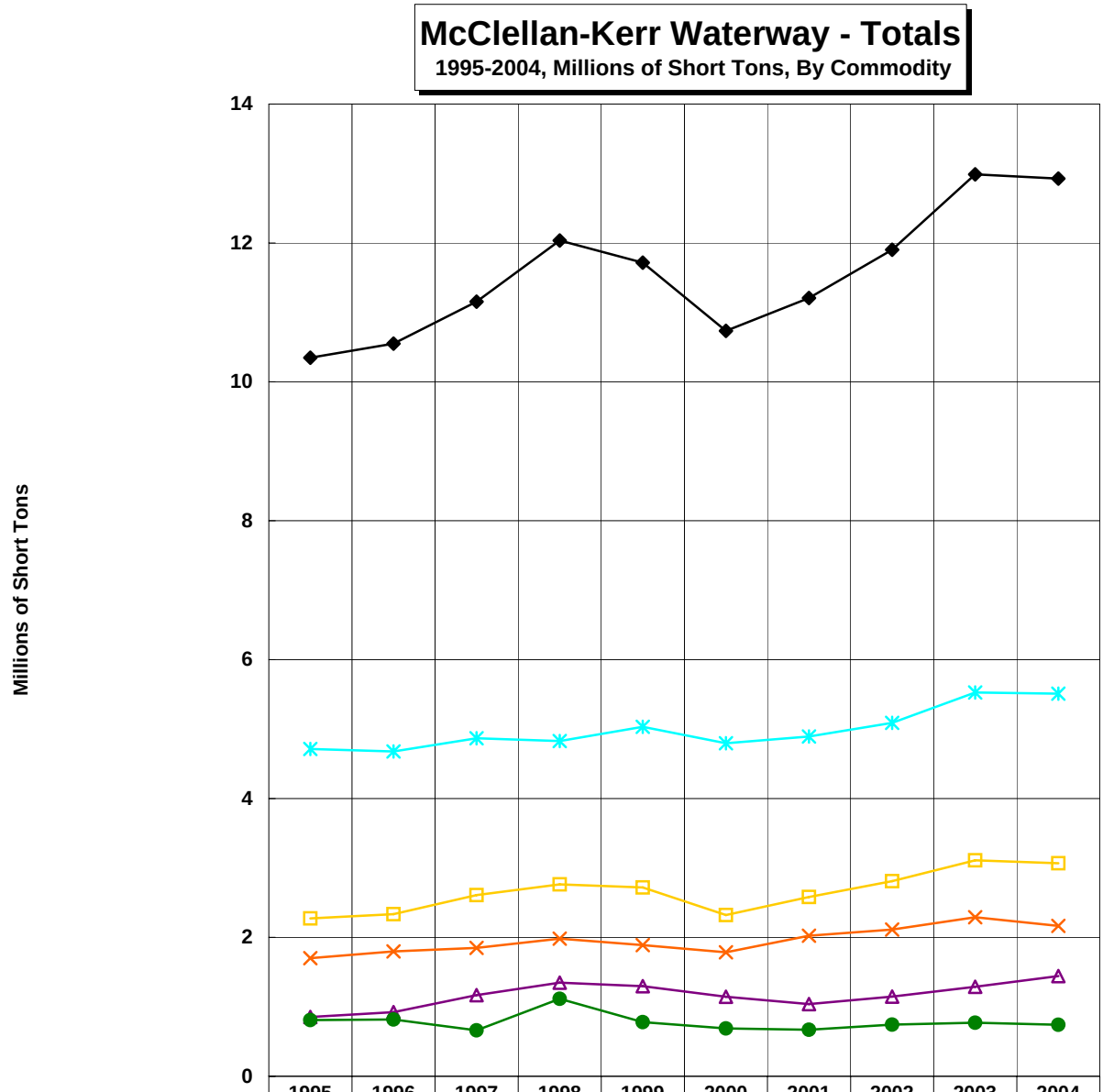
Kanawha River - Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	5.69	6.20	5.90	4.98	4.75	4.69	4.40	4.86	4.98	4.49
Petro & Petro Products	1.17	1.14	1.08	1.05	0.96	0.88	0.89	0.97	0.86	0.66
Crude Materials	3.69	4.09	3.84	3.30	3.24	3.07	2.66	2.81	3.19	3.16
Other	0.83	0.97	0.99	0.63	0.55	0.74	0.85	1.09	0.93	0.67

Source: USACE Waterborne Commerce Statistics Center

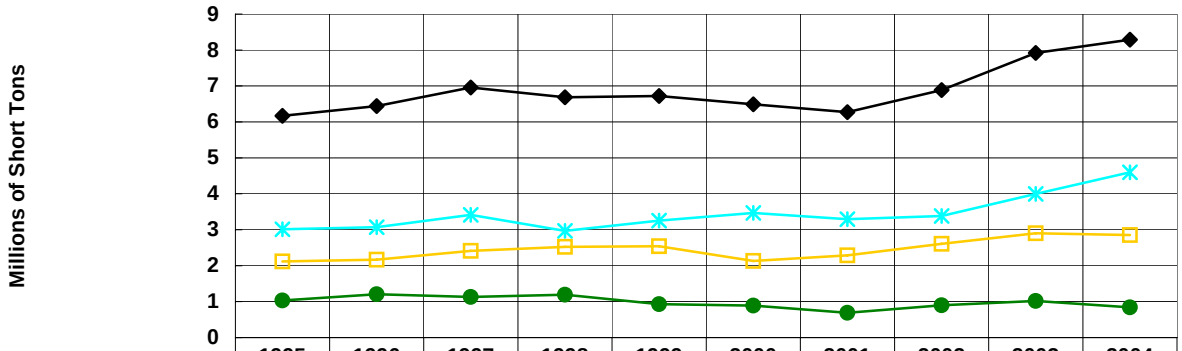


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	10.35	10.55	11.15	12.04	11.72	10.73	11.21	11.90	12.99	12.93
Chemicals	1.70	1.80	1.85	1.98	1.89	1.78	2.02	2.11	2.29	2.17
Crude Materials	4.71	4.68	4.87	4.83	5.03	4.80	4.89	5.09	5.53	5.51
Manufactured Goods	0.85	0.92	1.17	1.35	1.30	1.14	1.04	1.15	1.29	1.44
Food & Farm	2.27	2.33	2.61	2.76	2.72	2.32	2.58	2.81	3.11	3.07
Other	0.81	0.82	0.66	1.11	0.78	0.69	0.67	0.74	0.77	0.74

Source: USACE Waterborne Commerce Statistics Center

McClellan-Kerr Waterway - Downbound

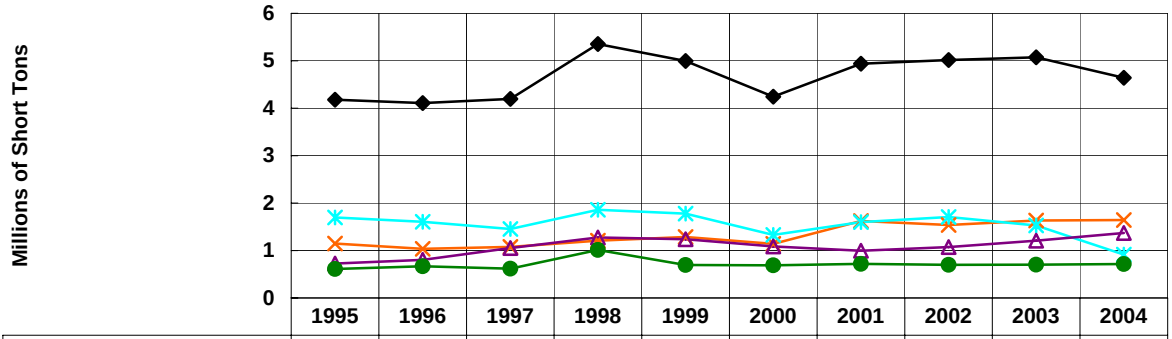
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	6.17	6.44	6.96	6.68	6.72	6.49	6.27	6.89	7.92	8.29
Crude Materials	3.02	3.07	3.41	2.97	3.25	3.47	3.29	3.38	4.00	4.60
Food & Farm	2.12	2.17	2.41	2.52	2.54	2.13	2.29	2.61	2.90	2.85
Other	1.03	1.20	1.13	1.19	0.93	0.89	0.69	0.90	1.02	0.84

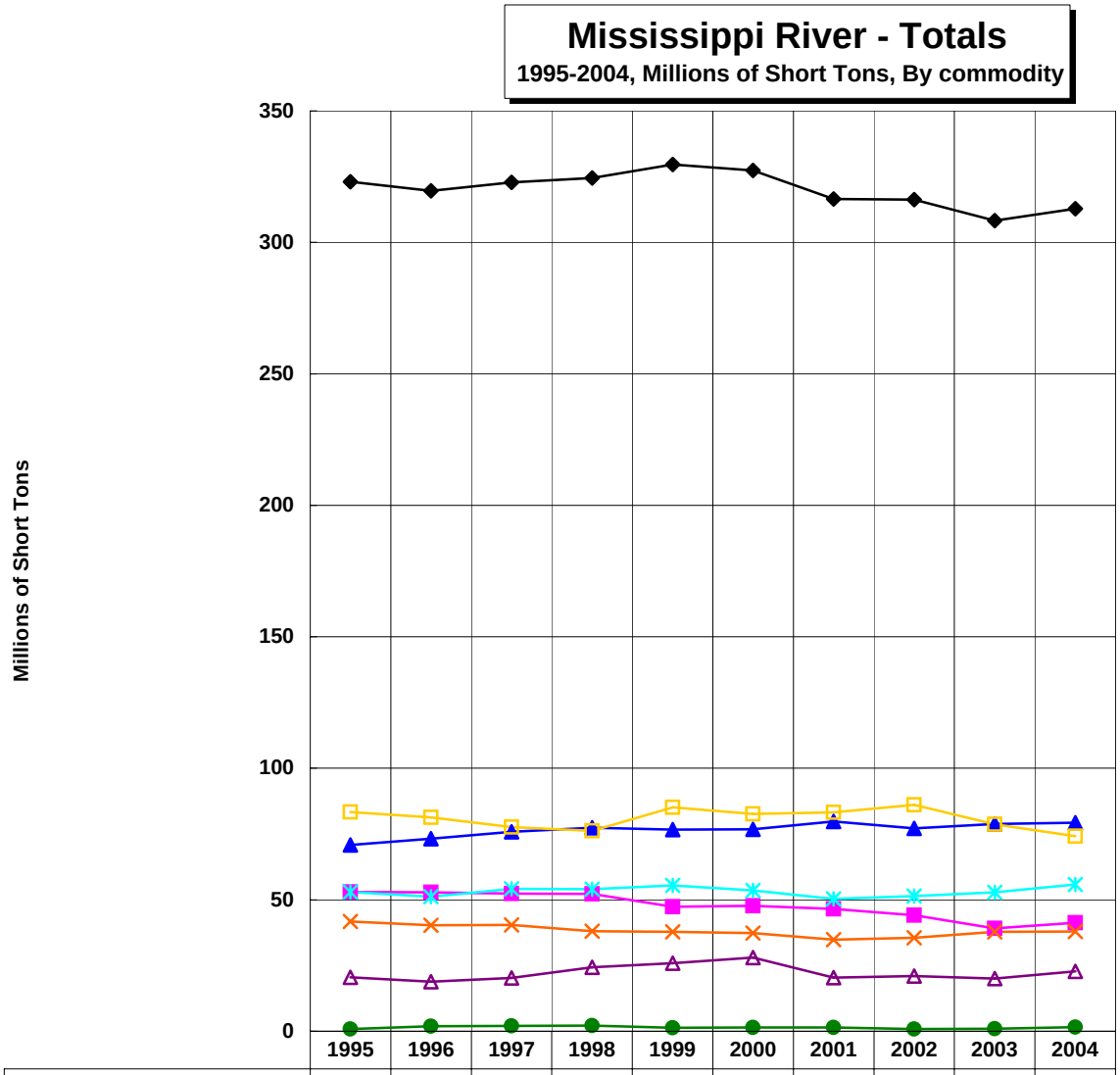
McClellan-Kerr Waterway - Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	4.18	4.11	4.20	5.35	4.99	4.24	4.94	5.02	5.07	4.64
Chemicals	1.15	1.03	1.08	1.21	1.28	1.14	1.62	1.54	1.63	1.64
Crude Materials	1.70	1.61	1.45	1.86	1.78	1.33	1.60	1.71	1.53	0.91
Manufactured Goods	0.73	0.80	1.05	1.28	1.24	1.08	0.99	1.07	1.21	1.37
Other	0.61	0.67	0.62	1.01	0.69	0.69	0.72	0.70	0.70	0.71

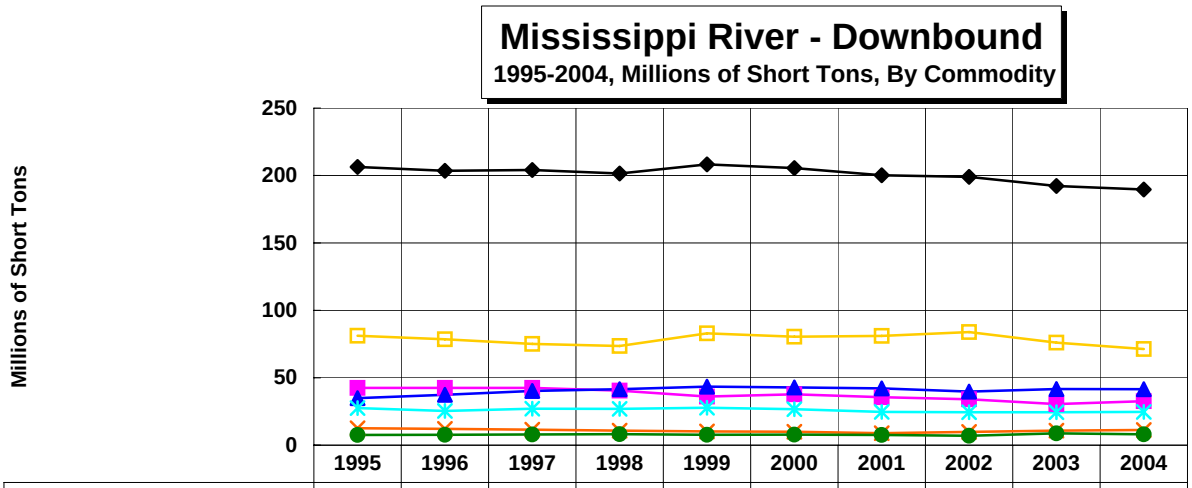
Source: USACE Waterborne Commerce Statistics Center



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	323.02	319.57	322.77	324.48	329.64	327.40	316.55	316.21	308.21	312.81
Coal	52.91	52.87	52.36	52.24	47.28	47.65	46.46	44.09	39.08	41.31
Petro & Petro Products	70.81	73.26	75.80	77.44	76.70	76.83	79.75	77.16	78.83	79.33
Chemicals	41.71	40.34	40.45	38.05	37.79	37.38	34.79	35.52	37.81	37.88
Crude Materials	52.89	51.10	54.18	54.01	55.47	53.59	50.36	51.38	52.81	55.85
Manufactured Goods	20.50	18.82	20.25	24.36	25.93	27.97	20.45	21.02	20.00	22.76
Food & Farm	83.33	81.29	77.67	76.22	85.12	82.59	83.28	86.15	78.76	74.15
Other	0.87	1.88	2.06	2.15	1.35	1.39	1.46	0.89	0.92	1.53

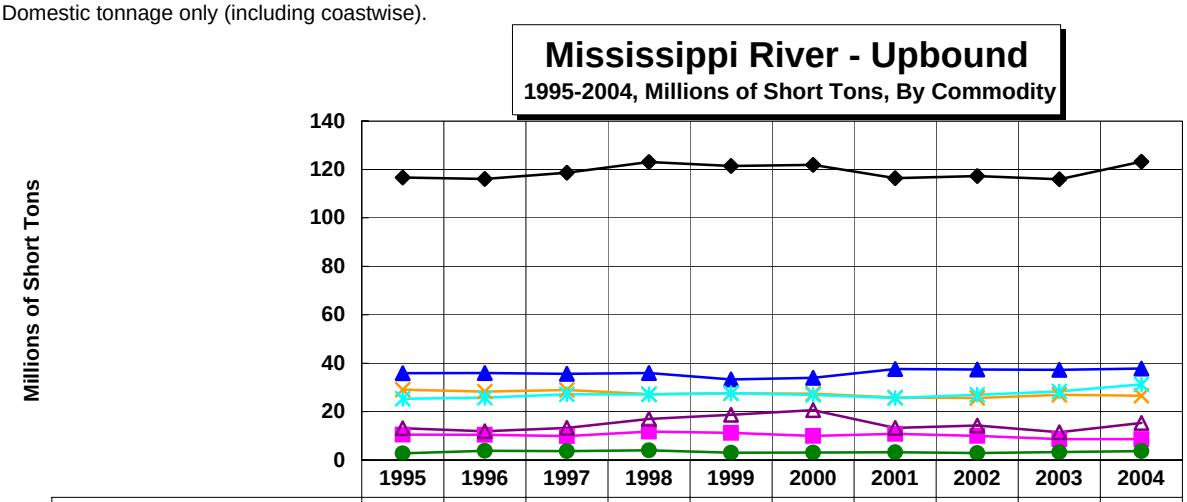
Domestic tonnage only (including coastwise).

Source: USACE Waterborne Commerce Statistics Center



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	206.32	203.48	204.11	201.41	208.20	205.49	200.11	198.96	192.23	189.56
Coal	42.43	42.44	42.43	40.46	36.07	37.68	35.61	34.10	30.45	32.65
Petro & Petro Products	34.91	37.33	40.17	41.50	43.43	42.89	42.17	39.73	41.59	41.55
Chemicals	12.62	12.10	11.49	10.82	10.21	9.99	8.93	9.88	10.85	11.33
Crude Materials	27.57	25.34	27.02	26.90	27.82	26.70	24.73	24.41	24.48	24.63
Food & Farm	81.20	78.53	75.10	73.54	82.94	80.41	81.04	83.88	76.11	71.31
Other	7.58	7.75	7.91	8.19	7.72	7.82	7.63	6.96	8.74	8.10

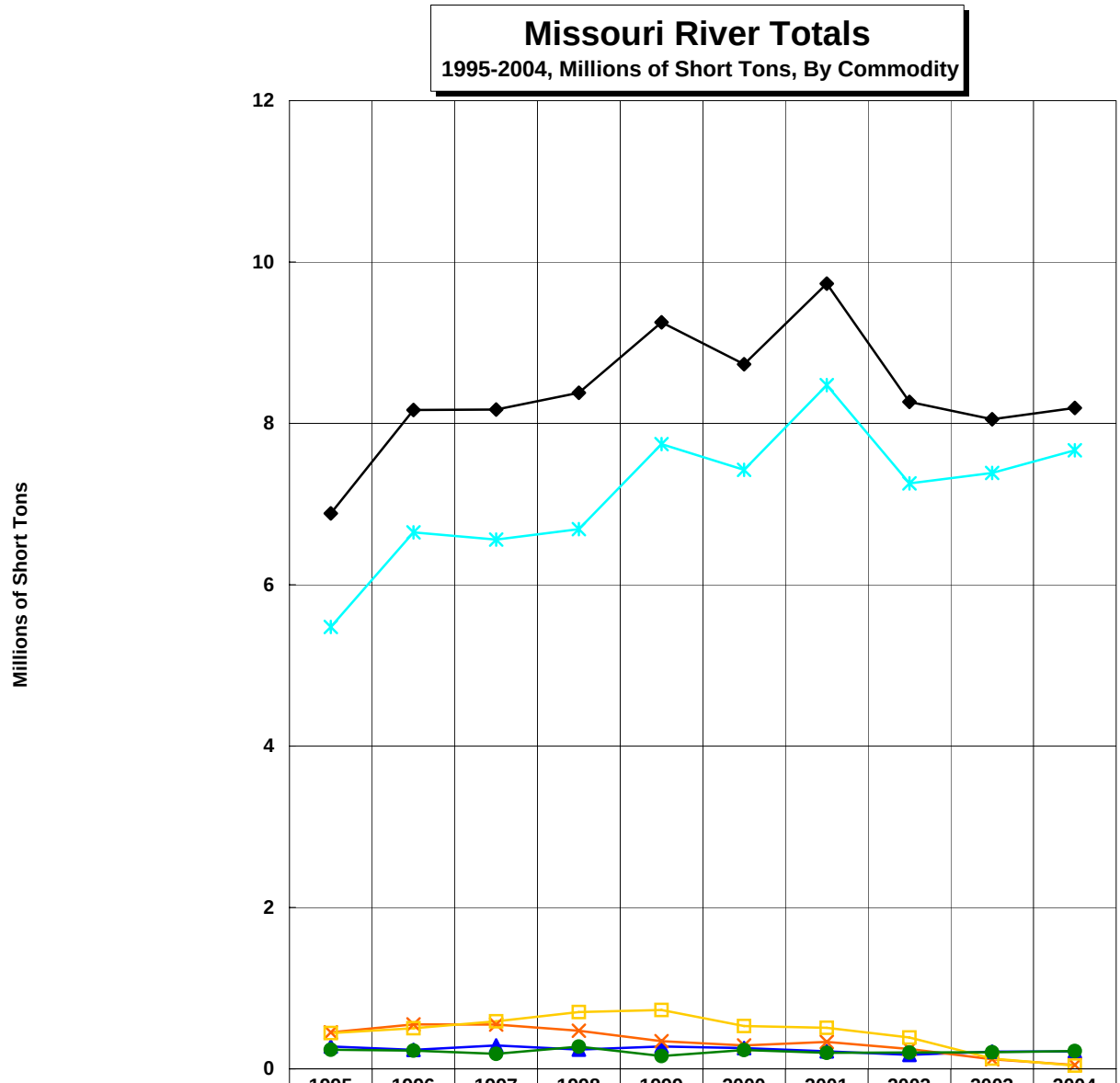
Domestic tonnage only (including coastwise).



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	116.70	116.08	118.65	123.06	121.44	121.91	116.43	117.25	115.98	123.25
Coal	10.48	10.43	9.92	11.78	11.21	9.98	10.85	10.00	8.63	8.66
Petro & Petro Products	35.90	35.93	35.63	35.94	33.27	33.94	37.58	37.43	37.24	37.78
Chemicals	29.09	28.25	28.97	27.23	27.57	27.39	25.85	25.64	26.95	26.56
Crude Materials	25.32	25.76	27.16	27.11	27.65	26.89	25.63	26.97	28.33	31.22
Manufactured Goods	13.13	11.89	13.29	17.00	18.72	20.61	13.29	14.30	11.51	15.32
Other	2.79	3.81	3.68	4.00	3.02	3.10	3.23	2.91	3.33	3.71

Domestic tonnage only (including coastwise).

Source: USACE Waterborne Commerce Statistics Center

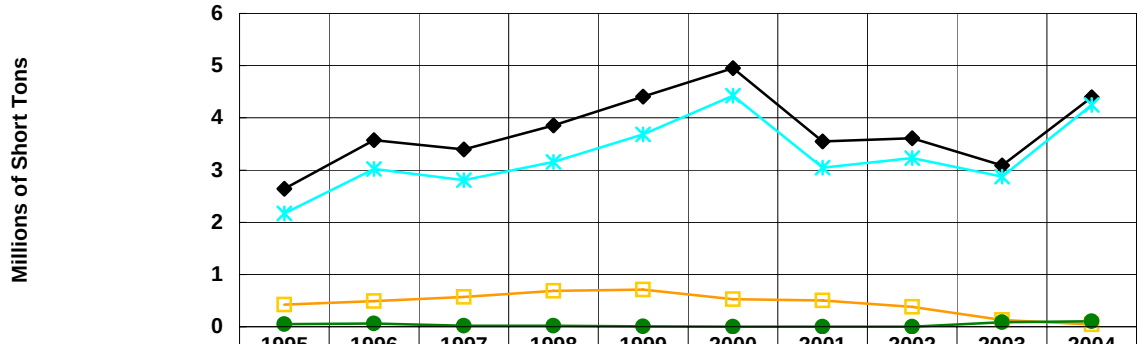


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	6.88	8.17	8.17	8.38	9.25	8.73	9.73	8.27	8.05	8.19
Petro & Petro Products	0.28	0.24	0.29	0.24	0.28	0.26	0.22	0.17	0.21	0.22
Chemicals	0.45	0.55	0.55	0.47	0.34	0.29	0.33	0.25	0.12	0.05
Crude Materials	5.48	6.65	6.56	6.69	7.74	7.42	8.47	7.26	7.39	7.67
Food & Farm	0.44	0.50	0.59	0.70	0.73	0.53	0.51	0.39	0.13	0.04
Other	0.24	0.23	0.19	0.28	0.16	0.23	0.20	0.20	0.21	0.22

Source: USACE Waterborne Commerce Statistics Center

Missouri River Downbound

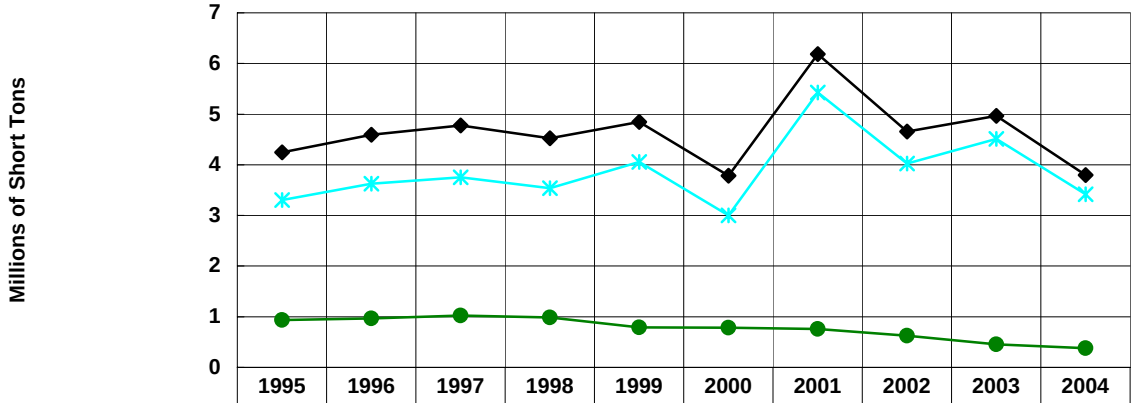
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	2.64	3.57	3.40	3.86	4.41	4.95	3.55	3.61	3.09	4.40
Crude Materials	2.17	3.02	2.81	3.15	3.69	4.43	3.04	3.23	2.88	4.25
Food & Farm	0.42	0.49	0.57	0.69	0.71	0.53	0.50	0.38	0.13	0.04
Other	0.05	0.06	0.02	0.02	0.01	0.00	0.00	0.00	0.08	0.10

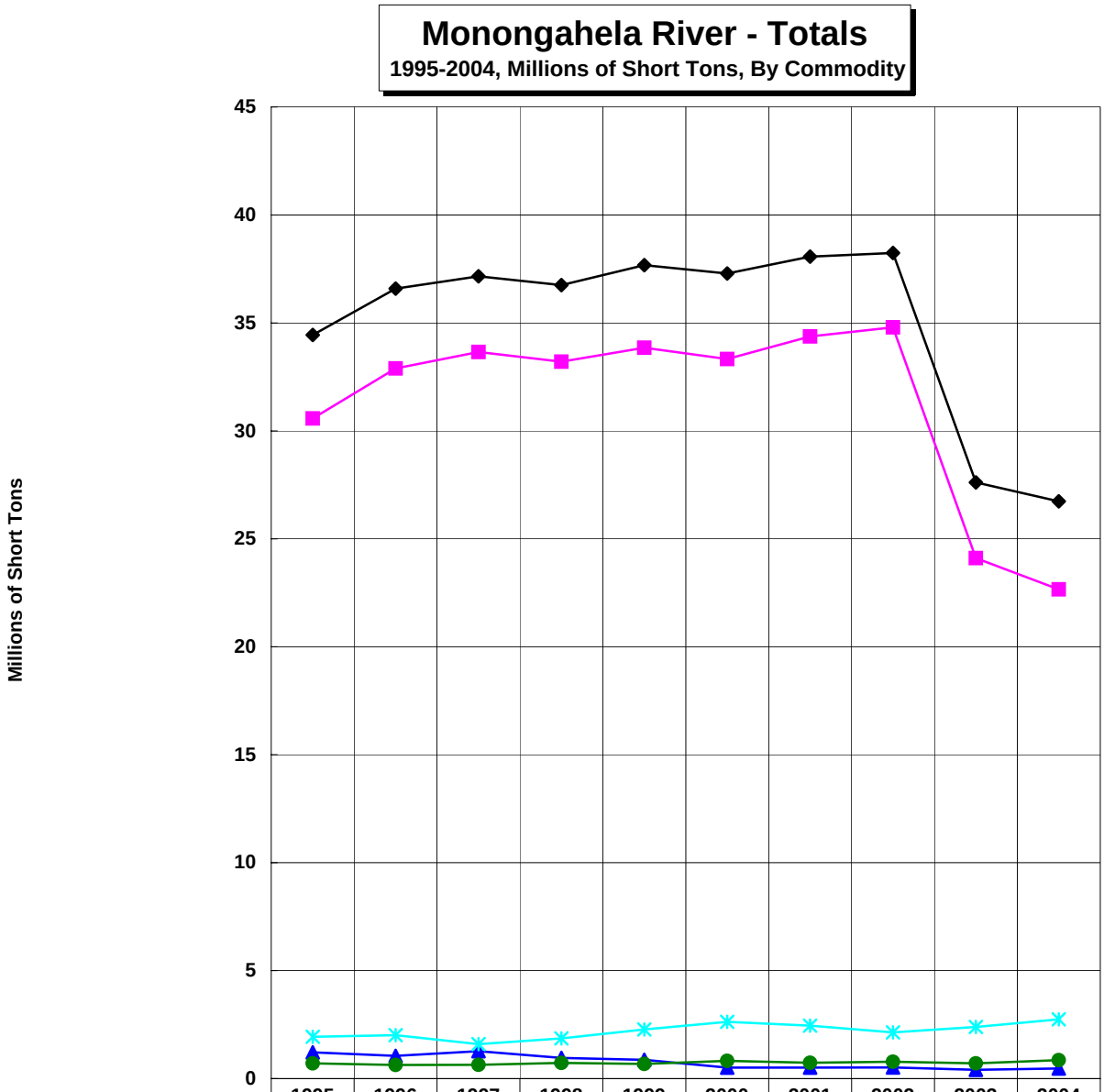
Missouri River Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	4.24	4.59	4.78	4.52	4.85	3.78	6.18	4.65	4.96	3.80
Crude Materials	3.30	3.63	3.75	3.54	4.06	3.00	5.43	4.03	4.51	3.42
Other	0.94	0.96	1.02	0.99	0.79	0.78	0.76	0.63	0.45	0.38

Source: USACE Waterborne Commerce Statistics Center

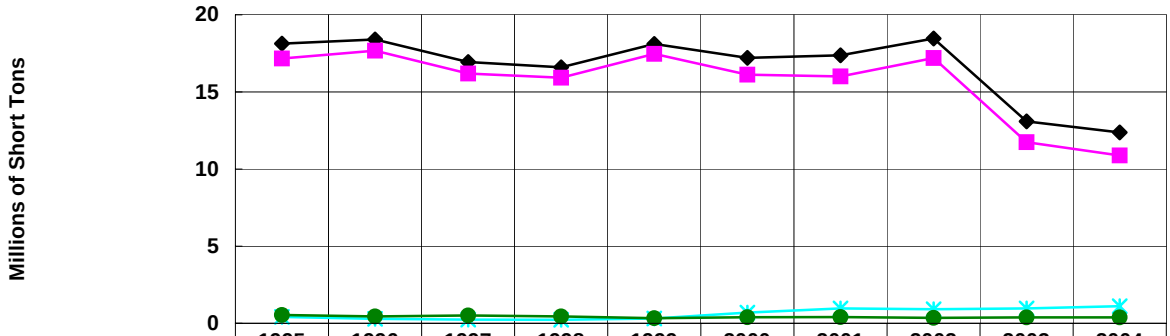


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	34.44	36.59	37.16	36.75	37.68	37.29	38.07	38.24	27.61	26.73
Coal	30.58	32.89	33.65	33.20	33.85	33.33	34.38	34.80	24.11	22.66
Petro & Petro Products	1.22	1.05	1.27	0.96	0.87	0.51	0.51	0.52	0.41	0.47
Crude Materials	1.94	2.01	1.60	1.86	2.28	2.63	2.45	2.14	2.39	2.75
Other	0.71	0.63	0.64	0.73	0.68	0.82	0.73	0.78	0.71	0.85

Source: USACE Waterborne Commerce Statistics Center

Monongahela River - Downbound

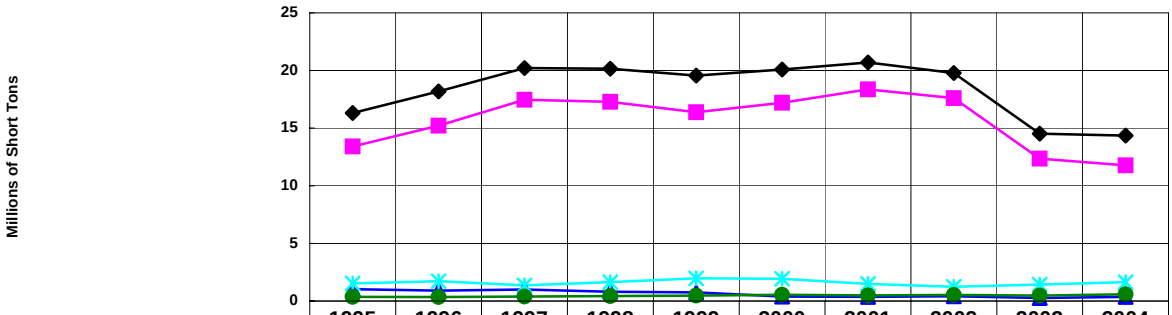
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	18.13	18.40	16.94	16.60	18.11	17.21	17.38	18.46	13.09	12.38
Coal	17.17	17.67	16.19	15.93	17.47	16.12	16.01	17.20	11.75	10.88
Crude Materials	0.42	0.29	0.24	0.22	0.31	0.70	0.96	0.91	0.96	1.11
Other	0.54	0.44	0.51	0.45	0.33	0.39	0.40	0.36	0.38	0.39

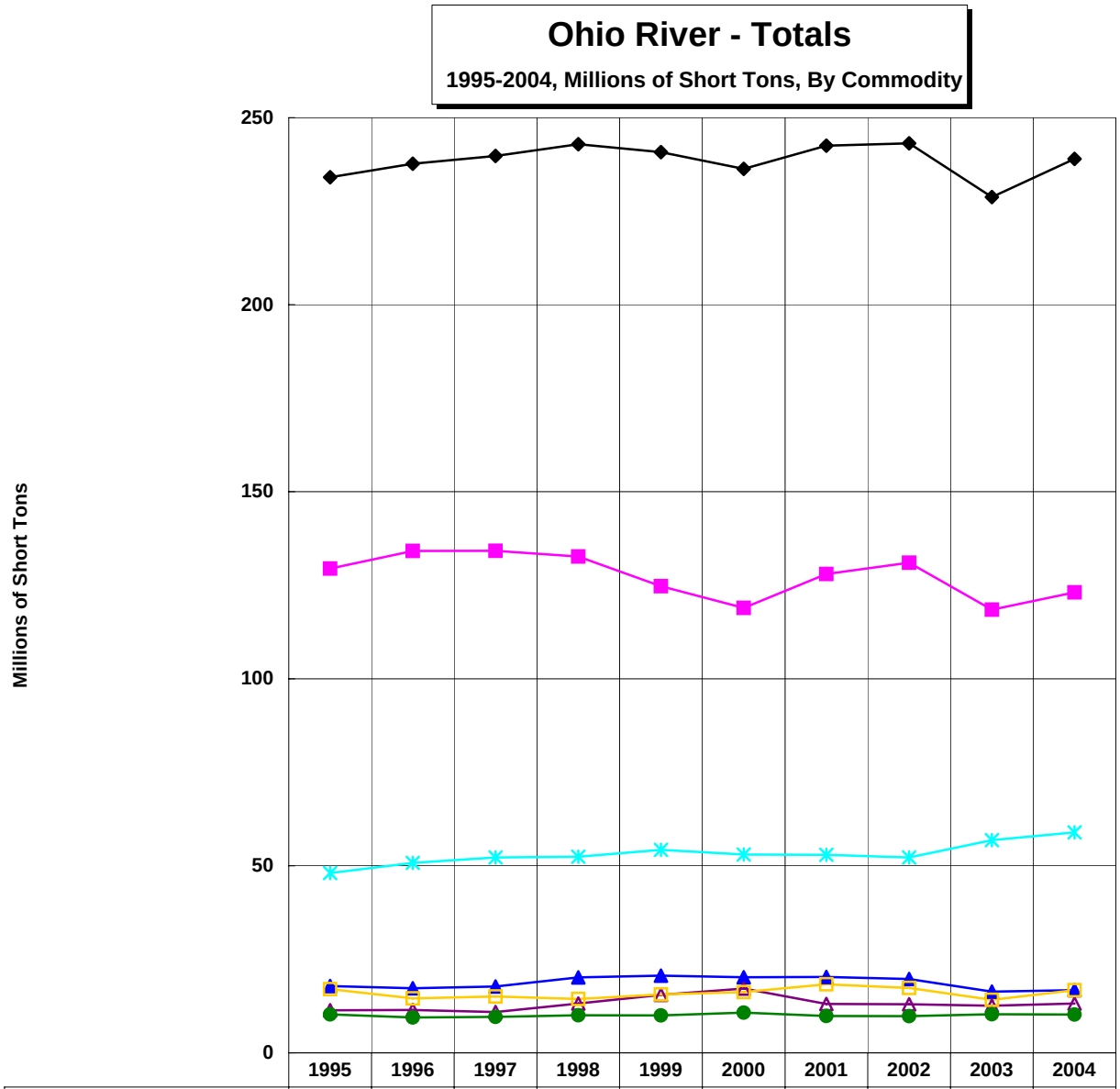
Monongahela River - Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	16.32	18.18	20.22	20.15	19.56	20.08	20.70	19.78	14.52	14.36
Coal	13.41	15.22	17.46	17.28	16.38	17.21	18.37	17.60	12.36	11.78
Petro & Petro Products	1.03	0.90	1.00	0.81	0.75	0.39	0.36	0.42	0.27	0.36
Crude Materials	1.52	1.72	1.36	1.64	1.97	1.94	1.49	1.23	1.43	1.64
Other	0.35	0.34	0.39	0.43	0.47	0.55	0.48	0.52	0.47	0.58

Source: USACE Waterborne Commerce Statistics Center

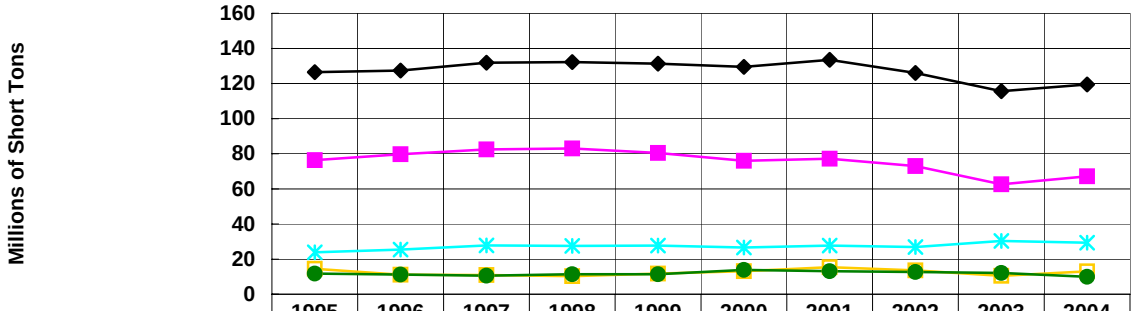


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	234.06	237.69	239.76	242.90	240.79	236.30	242.50	243.15	228.77	238.98
Coal	129.46	134.14	134.19	132.69	124.75	118.93	128.00	131.04	118.46	123.11
Petro & Petro Products	17.84	17.27	17.75	20.16	20.64	20.19	20.28	19.75	16.38	16.76
Crude Materials	48.05	50.76	52.21	52.42	54.28	53.02	52.93	52.22	56.85	58.94
Manufactured Goods	11.39	11.47	10.91	13.20	15.49	17.19	13.08	13.00	12.58	13.19
Food & Farm	17.04	14.58	15.07	14.39	15.60	16.23	18.34	17.33	14.17	16.74
Other	10.29	9.47	9.62	10.04	10.02	10.73	9.86	9.81	10.34	10.25

Source: USACE Waterborne Commerce Statistics Center

Ohio River - Downbound

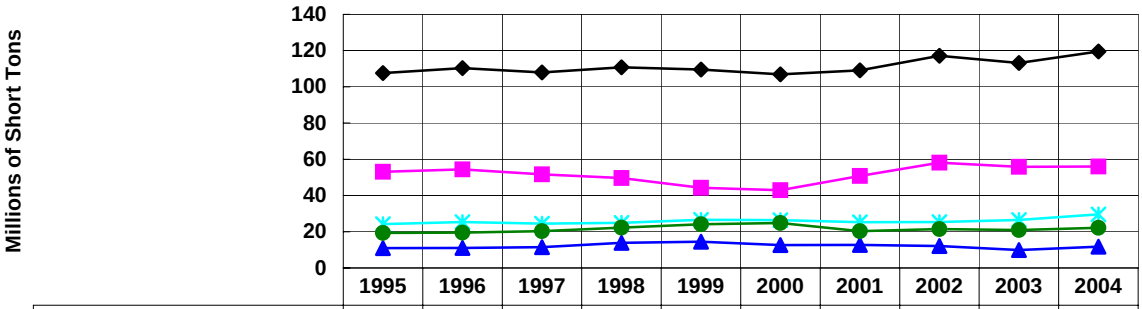
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	126.45	127.40	131.82	132.17	131.27	129.45	133.45	126.05	115.60	119.49
Coal	76.37	79.74	82.48	83.01	80.46	75.97	77.20	72.95	62.64	67.11
Crude Materials	23.85	25.41	27.76	27.47	27.70	26.57	27.70	26.85	30.35	29.36
Food & Farm	14.45	11.08	10.97	10.27	11.74	13.09	15.44	13.56	10.50	13.06
Other	11.79	11.16	10.61	11.42	11.37	13.82	13.11	12.69	12.11	9.95

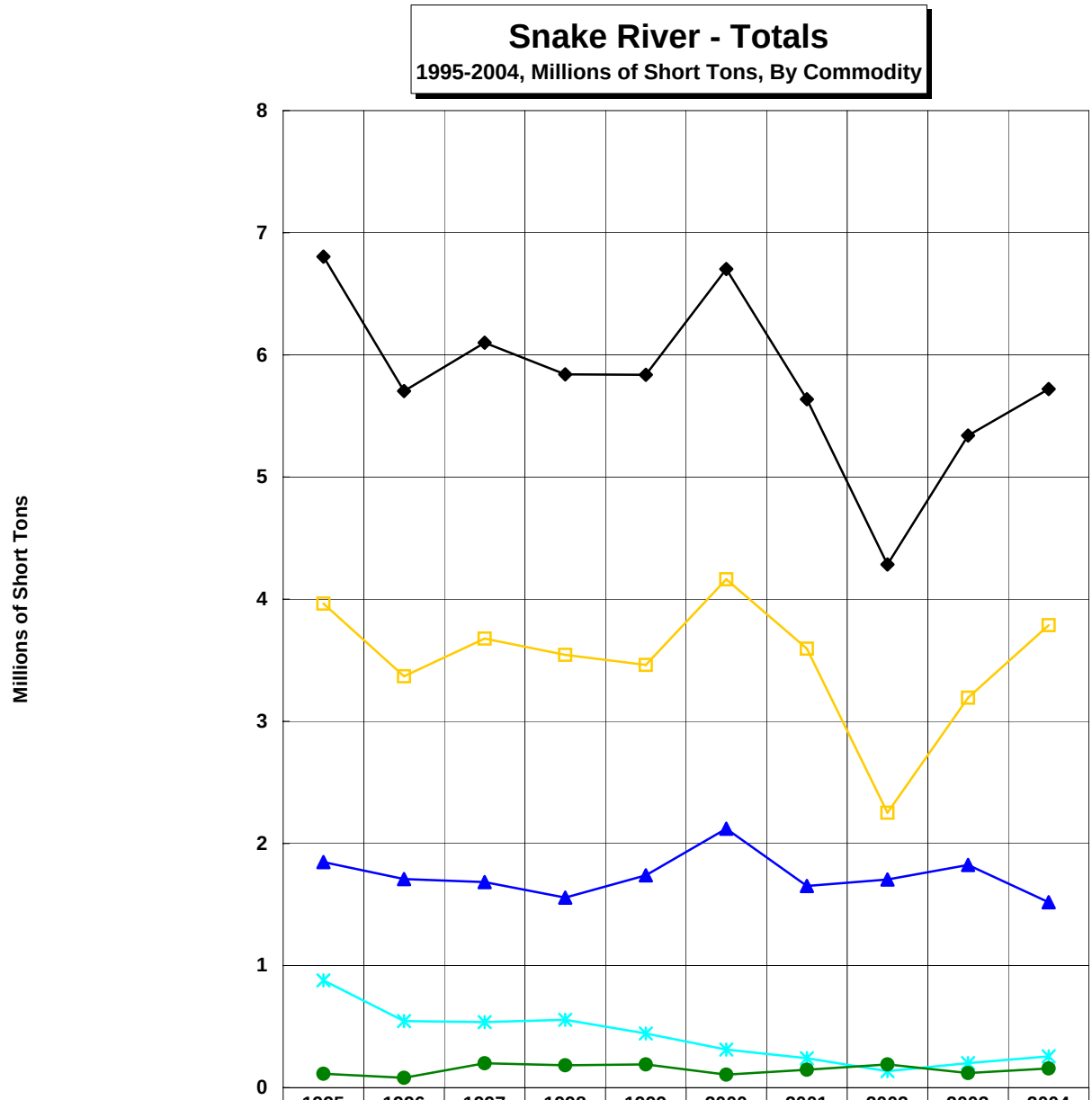
Ohio River - Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	107.61	110.29	107.94	110.73	109.52	106.85	109.05	117.10	113.17	119.49
Coal	53.09	54.40	51.71	49.68	44.29	42.96	50.80	58.09	55.82	56.00
Petro & Petro Products	10.97	11.01	11.45	13.85	14.52	12.59	12.68	12.13	9.88	11.72
Crude Materials	24.21	25.36	24.45	24.95	26.58	26.45	25.24	25.36	26.49	29.57
Other	19.35	19.52	20.32	22.25	24.13	24.85	20.33	21.51	20.97	22.19

Source: USACE Waterborne Commerce Statistics Center

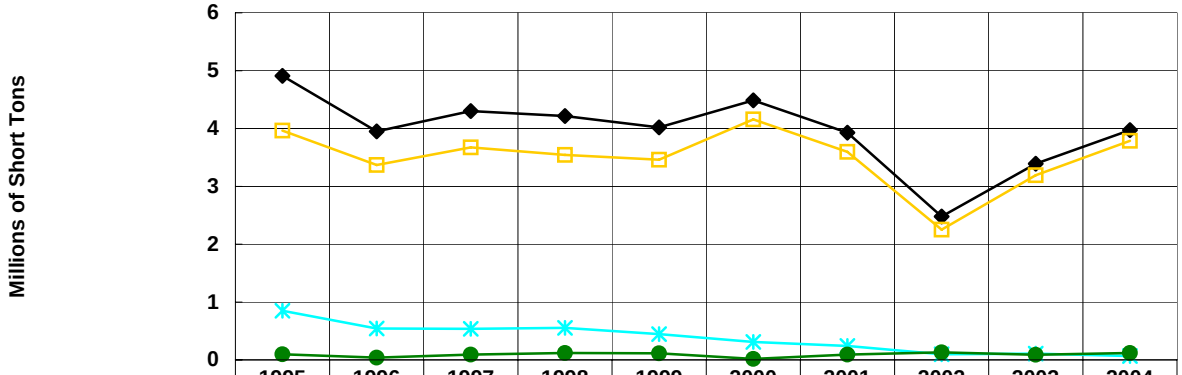


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	6.80	5.70	6.10	5.84	5.84	6.70	5.64	4.28	5.34	5.72
Petro & Petro Products	1.85	1.71	1.68	1.56	1.74	2.12	1.65	1.70	1.82	1.52
Crude Materials	0.88	0.55	0.54	0.56	0.44	0.31	0.24	0.14	0.20	0.26
Food & Farm	3.96	3.37	3.68	3.54	3.46	4.16	3.59	2.25	3.19	3.79
Other	0.11	0.08	0.20	0.18	0.19	0.11	0.15	0.19	0.12	0.16

Source: USACE Waterborne Commerce Statistics Center

Snake River - Downbound

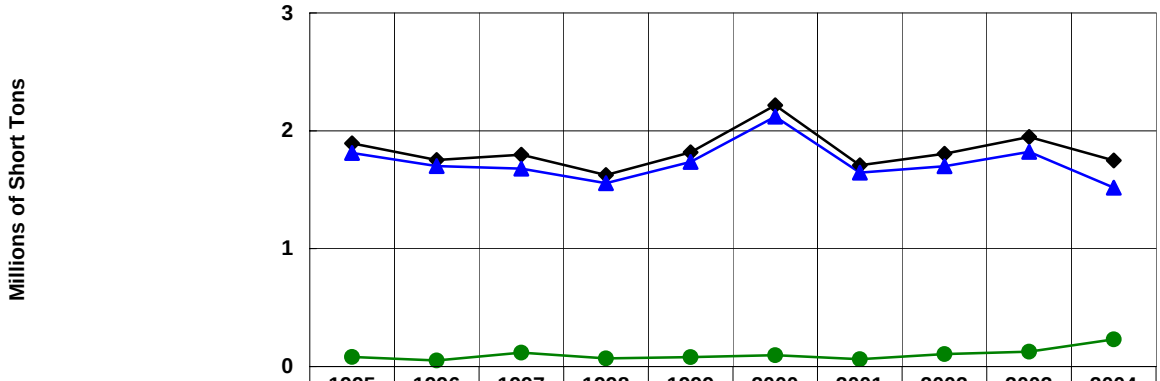
1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	4.91	3.95	4.30	4.22	4.02	4.49	3.93	2.48	3.39	3.97
Crude Materials	0.85	0.54	0.54	0.55	0.44	0.31	0.24	0.10	0.11	0.07
Food & Farm	3.96	3.37	3.67	3.54	3.46	4.16	3.59	2.25	3.19	3.79
Other	0.10	0.04	0.09	0.12	0.11	0.02	0.09	0.13	0.09	0.12

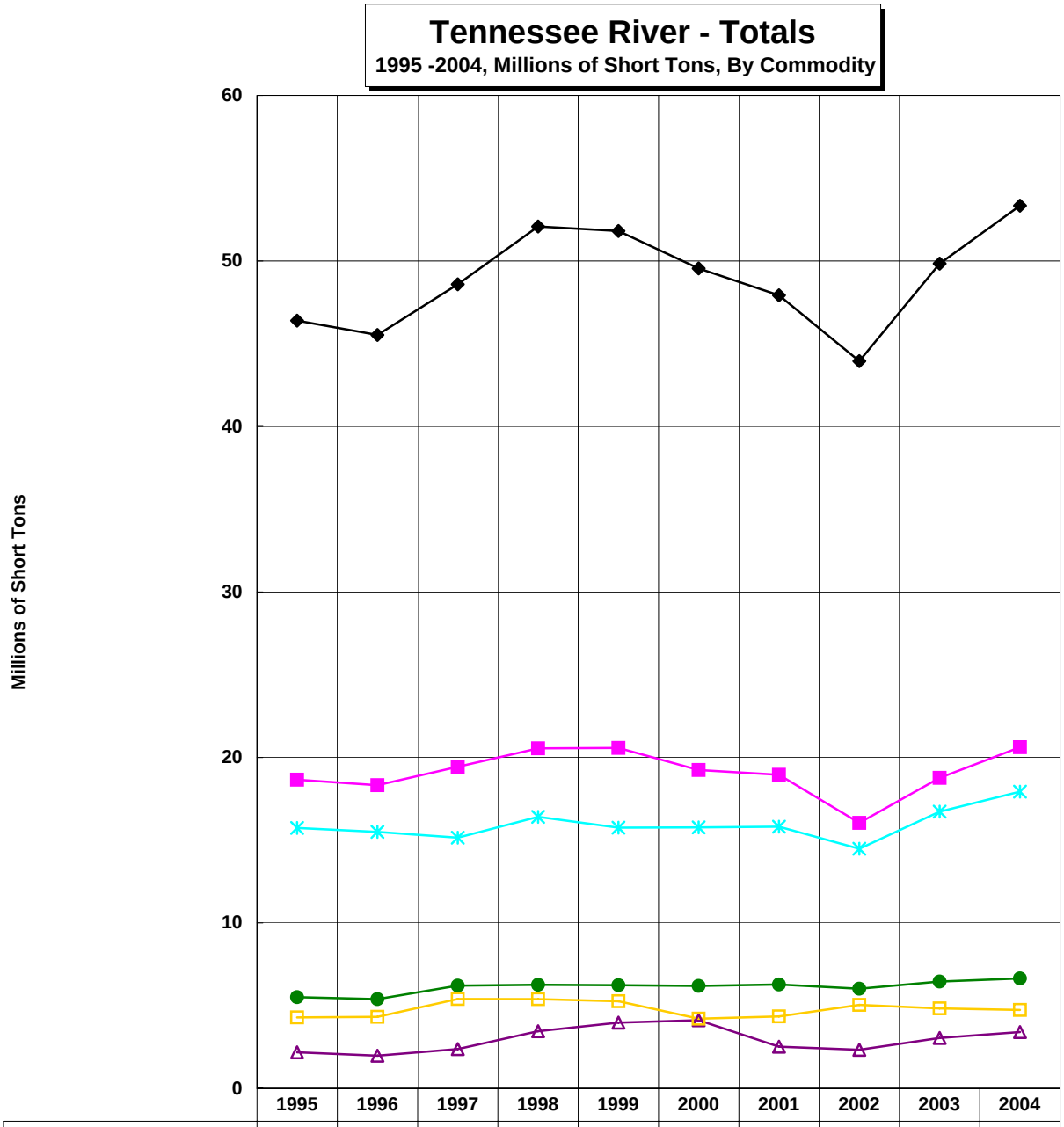
Snake River - Upbound

1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	1.89	1.75	1.80	1.62	1.82	2.22	1.71	1.81	1.95	1.75
Petro & Petro Products	1.81	1.70	1.68	1.56	1.74	2.12	1.64	1.70	1.82	1.52
Other	0.08	0.05	0.12	0.07	0.08	0.10	0.06	0.11	0.13	0.23

Source: USACE Waterborne Commerce Statistics Center

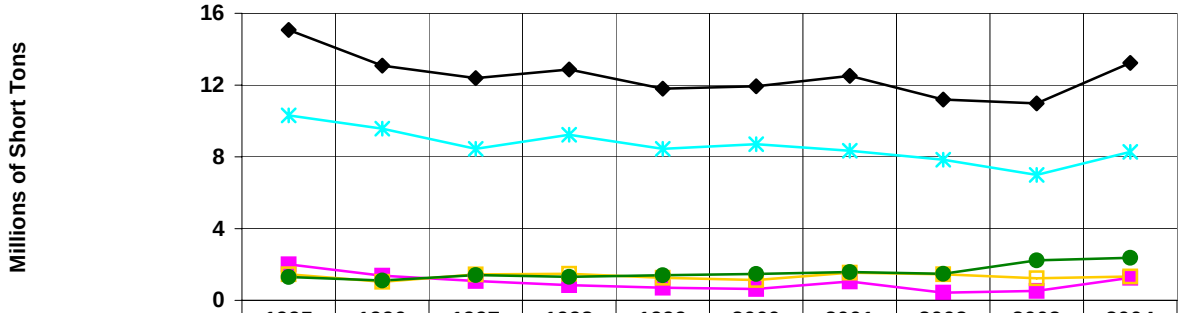


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	46.39	45.53	48.59	52.08	51.81	49.55	47.92	43.94	49.83	53.34
Coal	18.66	18.32	19.44	20.55	20.57	19.24	18.95	16.05	18.76	20.62
Crude Materials	15.74	15.51	15.15	16.41	15.76	15.77	15.81	14.48	16.73	17.93
Manufactured Goods	2.18	1.98	2.38	3.46	3.97	4.12	2.52	2.34	3.05	3.40
Food & Farm	4.29	4.32	5.40	5.40	5.27	4.21	4.35	5.05	4.83	4.74
Other	5.51	5.39	6.21	6.26	6.23	6.20	6.28	6.03	6.46	6.65

Source: USACE Waterborne Commerce Statistics Center

Tennessee River - Downbound

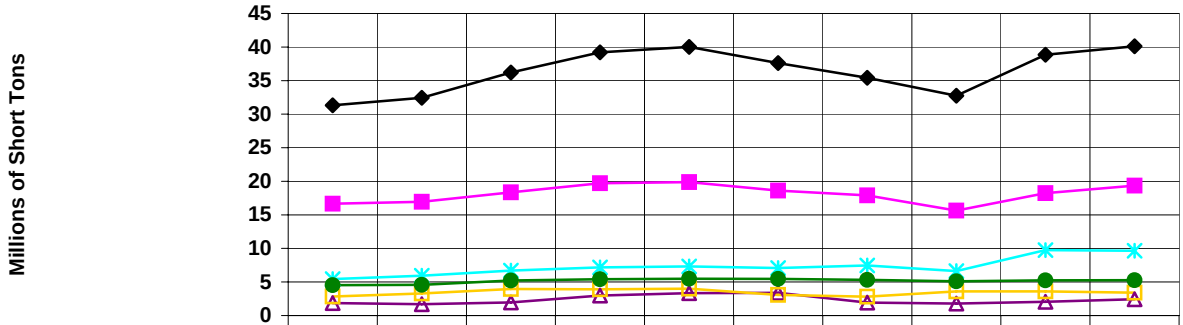
1995-2004, Millions of Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	15.07	13.08	12.39	12.87	11.80	11.94	12.51	11.19	10.98	13.23
Coal	2.01	1.38	1.08	0.85	0.70	0.63	1.05	0.42	0.53	1.26
Crude Materials	10.31	9.57	8.45	9.23	8.44	8.70	8.34	7.84	6.99	8.28
Food & Farm	1.46	1.03	1.45	1.48	1.26	1.13	1.54	1.45	1.23	1.33
Other	1.30	1.10	1.41	1.31	1.40	1.47	1.58	1.48	2.23	2.37

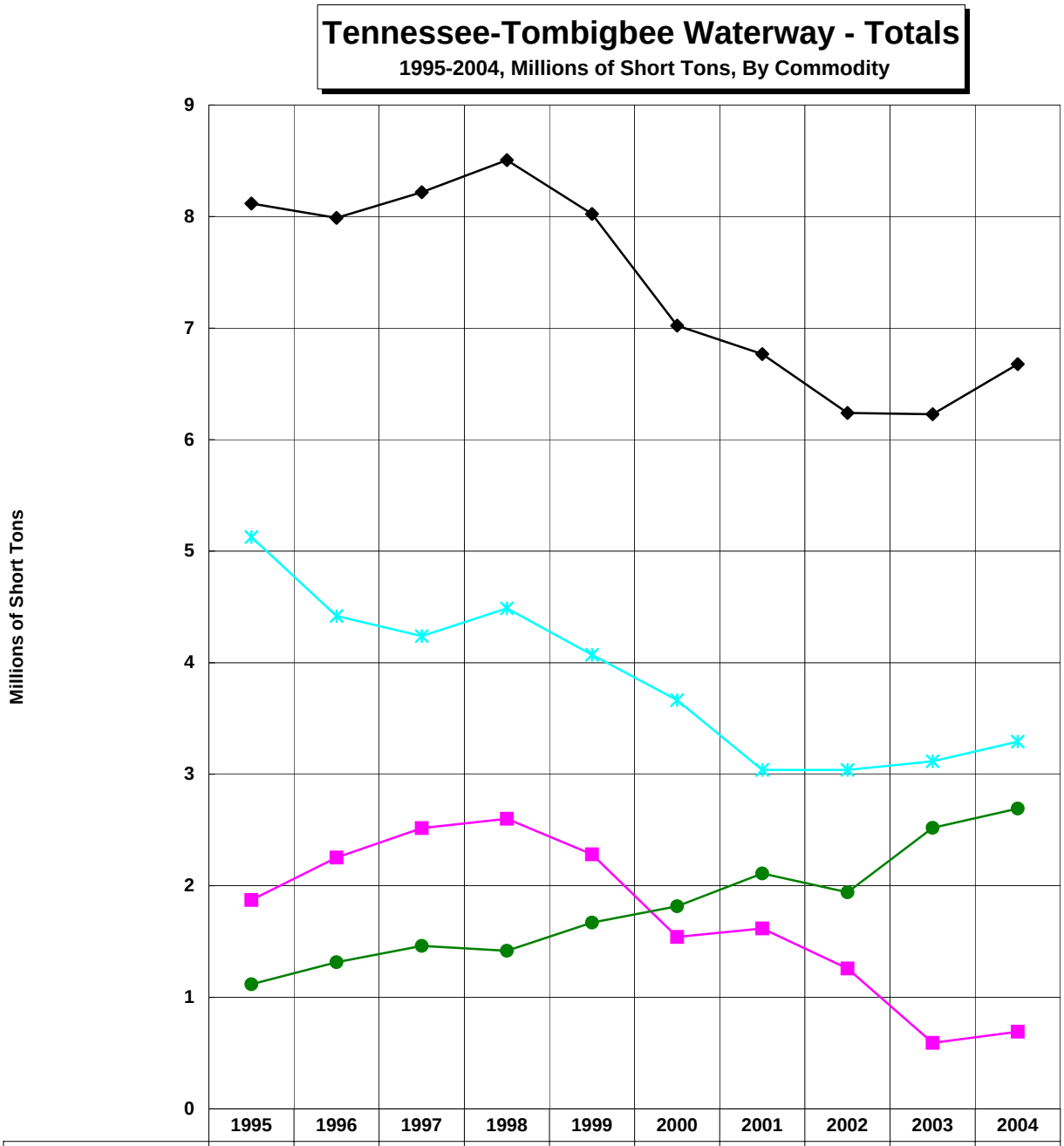
Tennessee River - Upbound

1995-2004, Millions of Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	31.32	32.45	36.20	39.21	40.01	37.61	35.41	32.75	38.85	40.10
Coal	16.65	16.95	18.36	19.70	19.87	18.61	17.90	15.62	18.23	19.36
Crude Materials	5.43	5.94	6.71	7.18	7.31	7.07	7.47	6.64	9.74	9.65
Manufactured Goods	1.87	1.70	1.96	2.99	3.33	3.39	1.92	1.78	2.05	2.42
Food & Farm	2.84	3.29	3.95	3.91	4.01	3.08	2.81	3.60	3.60	3.41
Other	4.53	4.58	5.22	5.42	5.48	5.46	5.31	5.11	5.23	5.26

Source: USACE Waterborne Commerce Statistics Center

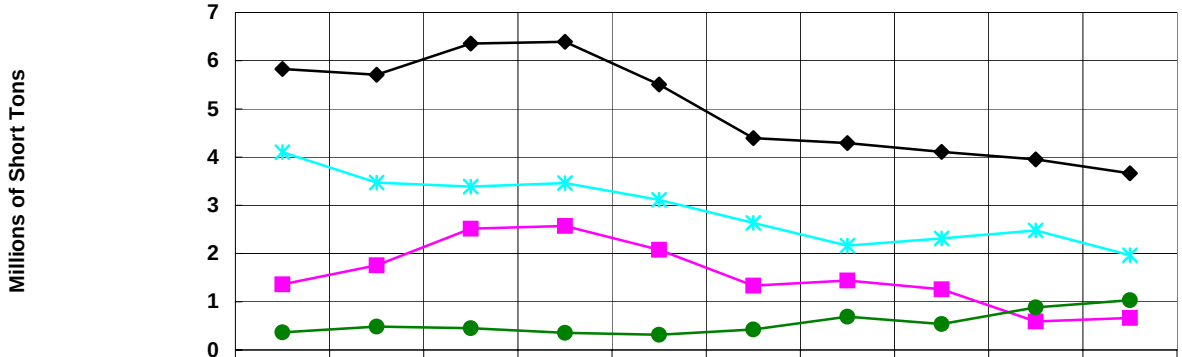


	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	8.12	7.99	8.22	8.51	8.02	7.02	6.77	6.24	6.23	6.68
Coal	1.87	2.25	2.52	2.60	2.28	1.54	1.62	1.26	0.59	0.69
Crude Materials	5.13	4.42	4.24	4.49	4.07	3.66	3.04	3.04	3.12	3.29
Other	1.12	1.32	1.46	1.42	1.67	1.82	2.11	1.94	2.52	2.69

Source: USACE Waterborne Commerce Statistics Center

Tennessee - Tombigbee Waterway

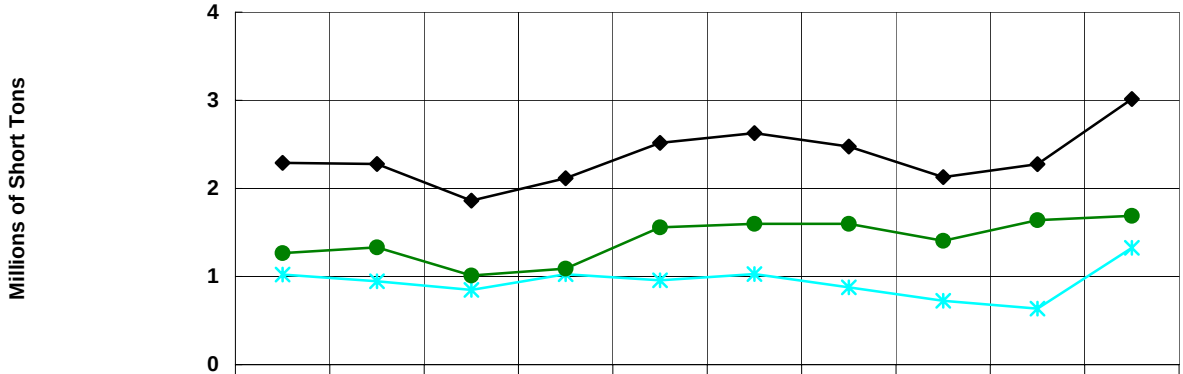
Southbound, 1995-2004, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	5.83	5.71	6.36	6.39	5.51	4.40	4.29	4.11	3.95	3.66
Coal	1.36	1.75	2.52	2.57	2.08	1.34	1.44	1.26	0.59	0.66
Crude Materials	4.10	3.47	3.39	3.46	3.11	2.64	2.16	2.31	2.48	1.97
Other	0.36	0.48	0.45	0.36	0.32	0.42	0.69	0.54	0.88	1.03

Tennessee - Tombigbee Waterway

Northbound, 1995-2004, Millions of Short Tons, By Commodity



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	2.29	2.28	1.86	2.12	2.52	2.63	2.47	2.13	2.28	3.01
Crude Materials	1.02	0.95	0.85	1.03	0.96	1.03	0.88	0.72	0.64	1.33
Other	1.27	1.33	1.01	1.09	1.56	1.60	1.60	1.40	1.64	1.69

Source: USACE Waterborne Commerce Statistics Center