

Estimated Waterborne Commerce Statistics

For Calendar Year 1997



PB98-154495

National Totals and Selected Inland Waterways



U.S. ARMY CORPS OF ENGINEERS

Navigation Data Center
Waterborne Commerce Statistics Center
June 22, 1998

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INTRODUCTION

In order to provide waterborne commerce information as soon as possible, the Waterborne Commerce Statistics Center (WCSC) has prepared this summary document of estimated waterborne commerce statistics for calendar year 1997. The foreign import and export estimates were furnished by the Bureau of the Census. The domestic national totals are based on CY97 data collected from vessel operating companies, estimates of tonnage still to be reported by delinquent vessel operating companies and on data collected at Corps locks. Both the foreign and domestic data are subject to correction and may differ slightly from the final figures to be released in October.

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 some domestic coastwise data as well. This coastwise tonnage travels on these internal waterways and also Coastwise (the oceans or the Gulf of Mexico). All the data for the current year (1997) is either estimated or preliminary: prior years' data are the actual compiled figures. Also, please note that rounding may result in commodity tonnages which 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.wrsc.usace.army.mil/ndc/wcsc.htm

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

Many of our notices and products are being distributed via e-mail. If you would like to be added to our e-mail mailing list, please send your e-mail address to: cewrc-ndc-c@usace.army.mil.

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Explanation of Commodity Groups for CY1982 to 1990

Coal

Petroleum: Crude petroleum and petroleum products

Chemicals

Metal: Metals, metal products, scrap, and metal ores

Non-Metal: Non-metallic products including sand, gravel, limestone, unworked stone, sulphur, and gypsum

Farm: Farm products, unprocessed foods, and flour

Wood: Wood, wood products, forest products, paper, and paper products

Other: This is a residual category consisting of all commodities not included in the named categories of each graph. Therefore, the "Other" category in the graph of the "Total Waterway or River" may not be the sum of the upbound and downbound "Other" category. When that happens, some of the other above named categories for the waterway may also not add up precisely.

Explanation of Commodity Groups for CY1991 to 1997 (changes are underlined)

Coal: Coal and coke

Petroleum: Crude petroleum and petroleum products (no longer includes coke)

Chemicals On page 4 (Commodities) only, liquid sulfur is included

Metal: Metals, metal products, scrap, and metal ores

Non-Metal: Non-metallic products including sand, gravel, limestone, unworked stone, sulphur, gypsum, clay, and slag

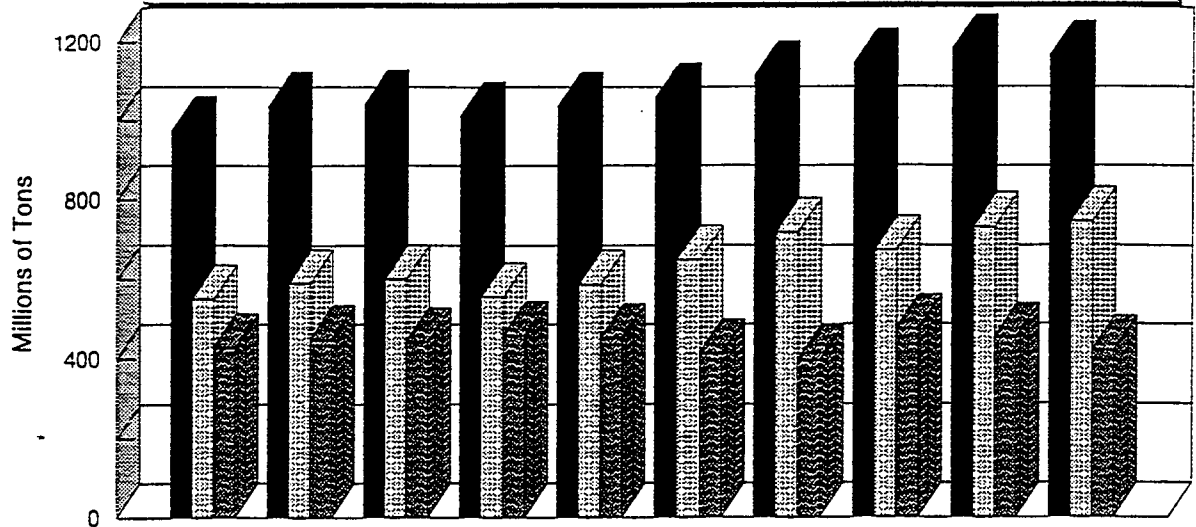
Farm: Farm products, flour, fibers, unprocessed and processed foods, fish, and tobacco

Wood: Wood, wood products, forest products, paper, and paper products

Other: This is a residual category consisting of all commodities not included in the named categories of each graph.

Foreign Waterborne Imports and Exports

1988-1997*, Millions of Tons

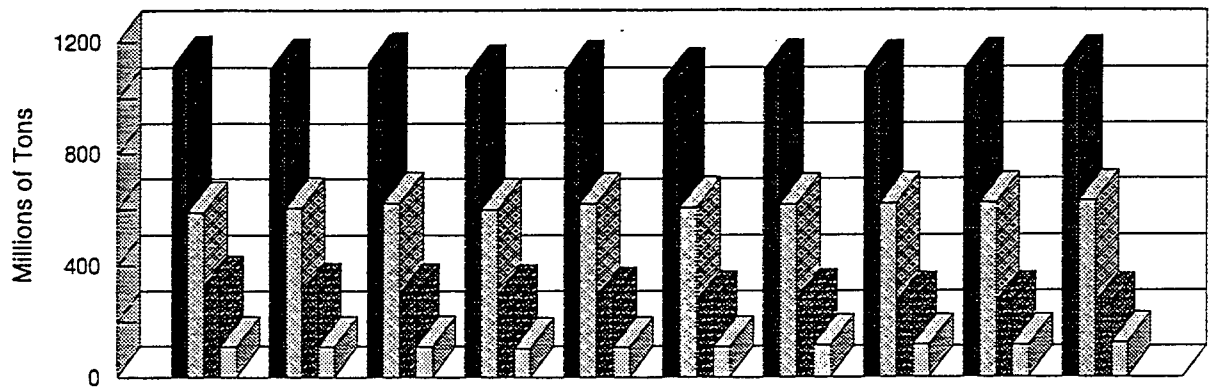


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	976.2	1037.9	1041.6	1013.6	1037.5	1060.0	1115.7	1147.4	1183.4	1167
▨ Imports	549.9	589.5	600.0	555.4	586.7	648.8	719.5	672.7	732.6	747
▩ Exports	426.3	448.4	441.6	458.2	450.8	411.3	396.2	474.7	450.8	420

*Preliminary June 22, 1998

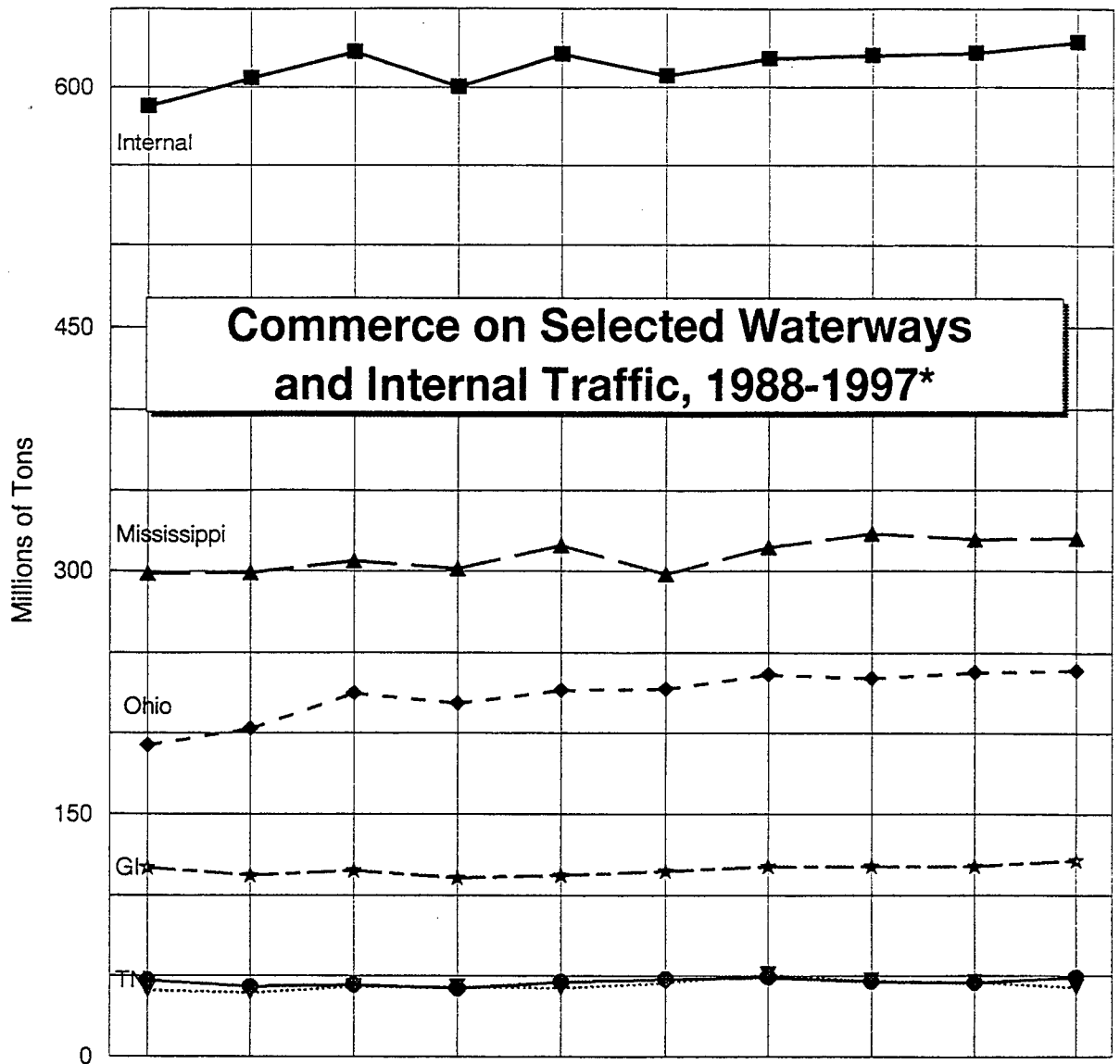
Domestic Waterborne Commerce of the U.S.

1988-1997*, Millions of Tons, by type of traffic



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total**	1111.8	1102.5	1122.3	1078.6	1094.6	1068.2	1099.0	1093.0	1100.7	1110
▨ Internal	588.1	606.0	622.6	600.4	621.0	607.3	618.4	620.3	622.1	629
▩ Coastwise	325.2	302.0	298.6	294.5	285.1	271.7	277.0	266.6	267.4	263
▨ Lakewise	109.7	109.1	110.2	103.4	107.4	109.9	114.8	116.1	114.9	123

*Preliminary June 19, 1998 **Total also includes local and intraterritorial traffic



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total Internal	588.12	606.01	622.60	600.39	621.04	607.25	618.41	620.32	622.08	628.7
▲ Mississippi**	298.76	298.87	306.19	301.67	315.71	298.26	314.58	323.02	319.57	320.4
◆ Ohio	192.59	202.67	224.70	218.32	226.39	227.24	236.66	234.06	237.69	238.8
● Tennessee	47.10	43.06	44.51	42.09	46.08	48.16	49.14	46.39	45.53	49.0
▼ Illinois	40.97	39.67	43.30	43.11	42.67	45.64	50.88	47.43	46.24	43.0
★ GIWW**	117.10	112.36	115.38	110.83	112.19	114.94	117.61	117.96	118.03	121.5

Moved solely within the boundaries of the U.S.

*1997 Data was estimated June 98

**Includes domestic coastwise tonnage.

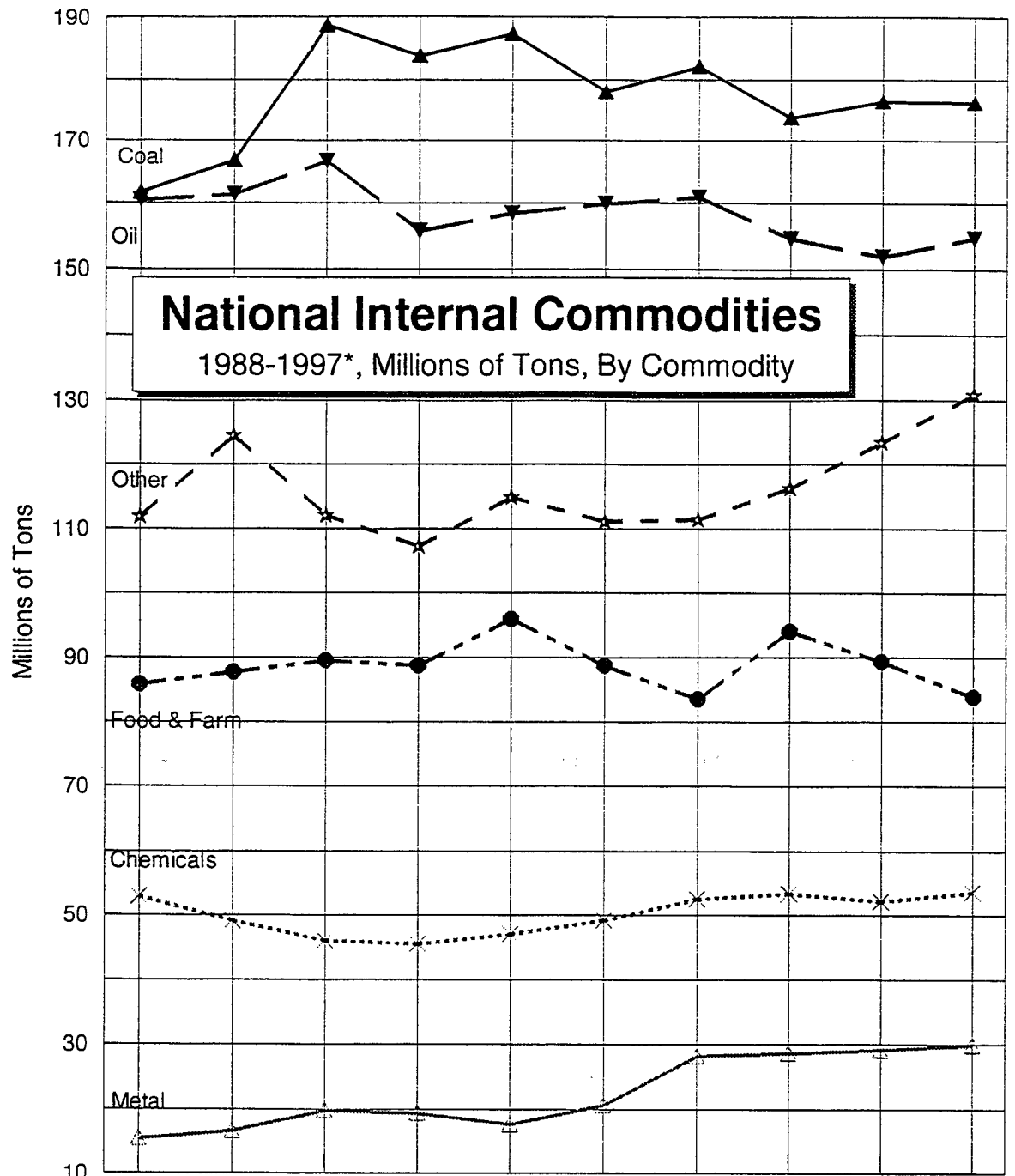
INTERNAL U.S. WATERWAYS
TONNAGE COMPARISONS: 1997* vs 1996

(Millions of Tons)

	96	97	Percent Change
National Domestic Totals	1100.7	1110.1	0.9
National Lakewise Totals	114.9	123.0	7.1
National Coastwise Totals	267.4	262.8	-1.7
National Internal Totals:			
All Commodities	622.1	628.7	1.1
Food and Farm	89.3	83.8	-6.1
Coal	176.3	176.2	-0.0
Chemicals	52.1	53.6	2.8
Petroleum	151.8	154.7	1.9
Metal	29.2	29.9	2.5
Other	123.4	130.8	6.0

Waterways			
Alabama-Coosa Rivers	0.7	0.7	-1.2
Allegheny River	3.3	3.9	16.2
Apalachicola River	0.6	0.6	-2.9
Atchafalaya River (Upper)	9.8	10.4	6.4
Atlantic Intracoastal	4.3	3.7	-14.0
Big Sandy River	17.7	18.8	6.2
Black Warrior and Tombigbee Rivers	24.9	25.4	2.0
Columbia River**	18.3	19.0	3.5
Cumberland River#	17.2	23.9	39.5
Green and Barren Rivers	7.7	7.3	-5.3
Gulf Intracoastal**	118.0	121.4	2.9
Illinois Waterway	46.2	43.0	-6.9
Kanawha River	24.8	25.0	0.9
McClellan-Kerr Wtwy	10.6	11.2	6.2
Mississippi River**	319.6	320.4	0.3
Missouri River	8.2	8.2	1.0
Monongahela River	36.6	37.6	2.8
Ohio River	237.7	238.8	0.5
Snake River	5.7	6.0	5.4
Tennessee River	45.5	49.0	7.7
Tennessee Tombigbee	8.0	8.3	4.1

*Estimated June 20, 1998 **Includes domestic coastwise tonnage.
 #From July 15 to Sept 2, closings of Kentucky lock rerouted millions of tons to Cumberland's Barkley lock. Cumberland coal also rose.
 Rounding may cause slight discrepancies in the data.
 Internal: Moved solely within the boundaries of the U. S.

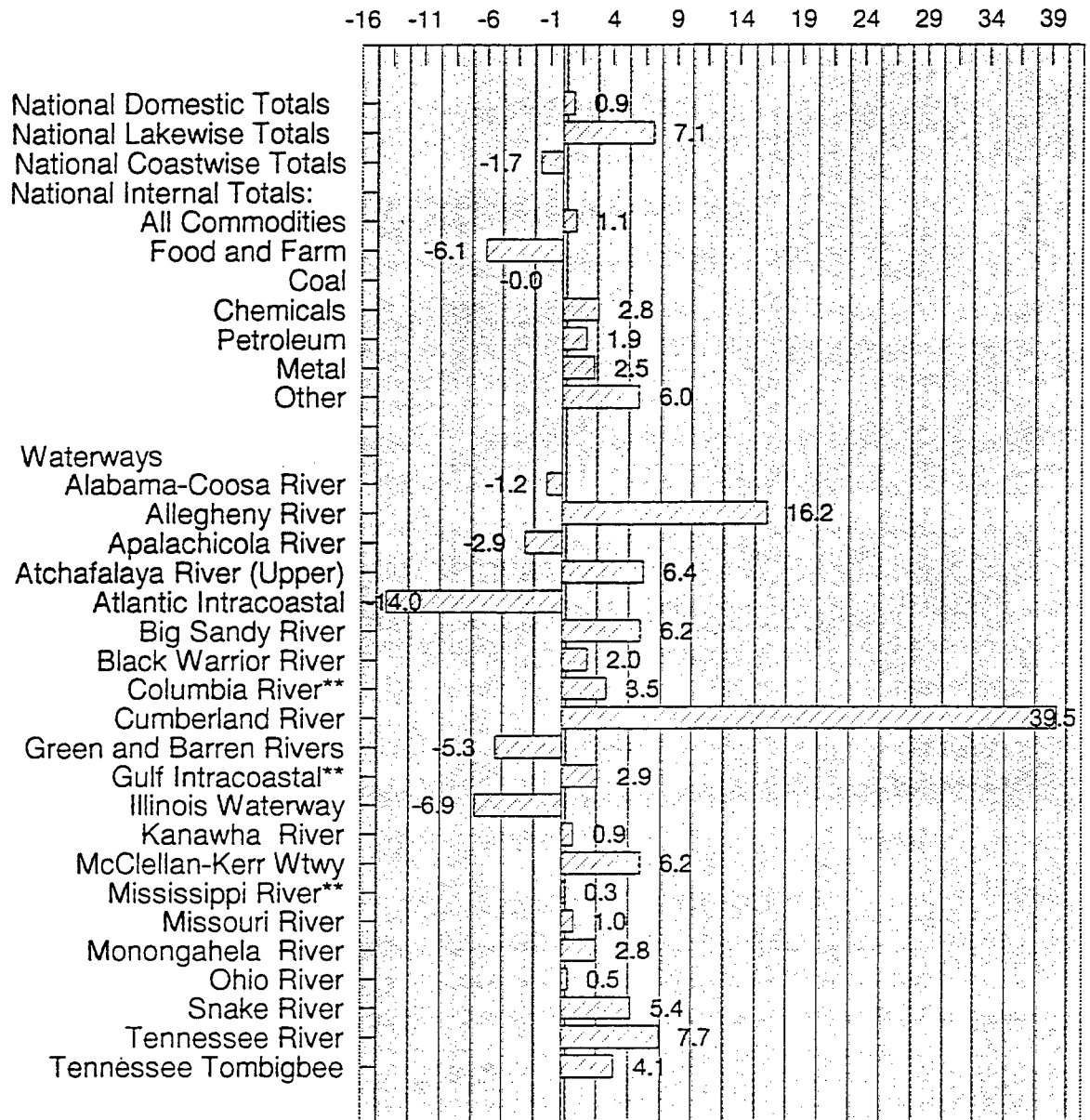


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
▲ Coal	161.69	166.76	188.82	183.97	187.42	177.96	182.15	173.72	176.30	176.2
▼ Oil & Oil Products	160.39	161.27	166.58	155.66	158.34	159.83	160.79	154.50	151.79	154.7
★ Other	111.82	124.55	111.95	107.22	114.73	110.99	111.32	116.20	123.41	130.8
● Food & Farm	85.84	87.65	89.49	88.65	95.80	88.68	83.51	93.99	89.28	83.8
× Chemicals	52.89	49.15	46.00	45.55	47.07	49.18	52.47	53.33	52.13	53.6
△ Metal	15.49	16.63	19.75	19.33	17.69	20.62	28.16	28.59	29.17	29.9

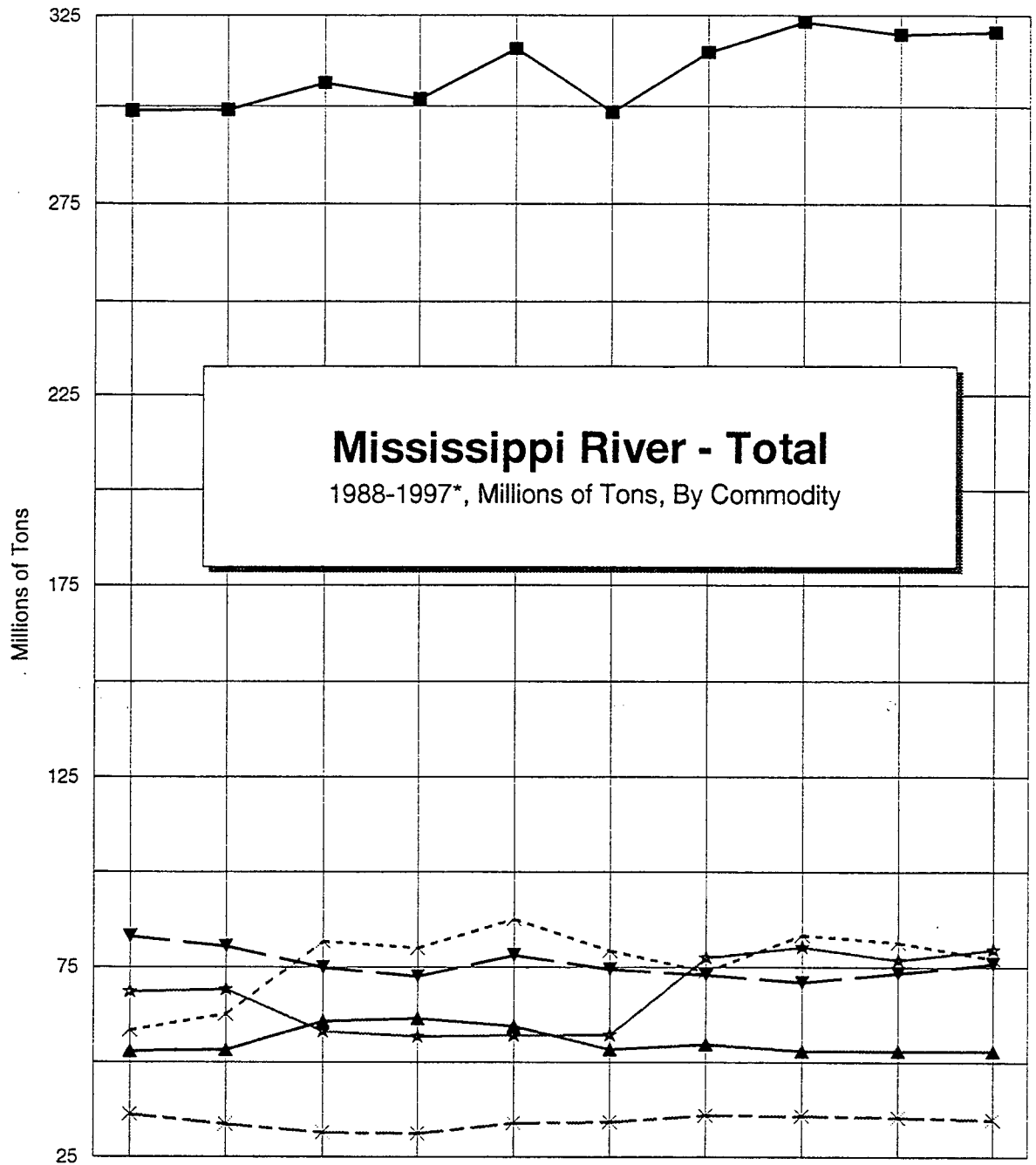
*Estimated 6-17-98

INTERNAL U. S. WATERWAYS

TONNAGE COMPARISONS: 1997* vs 1996



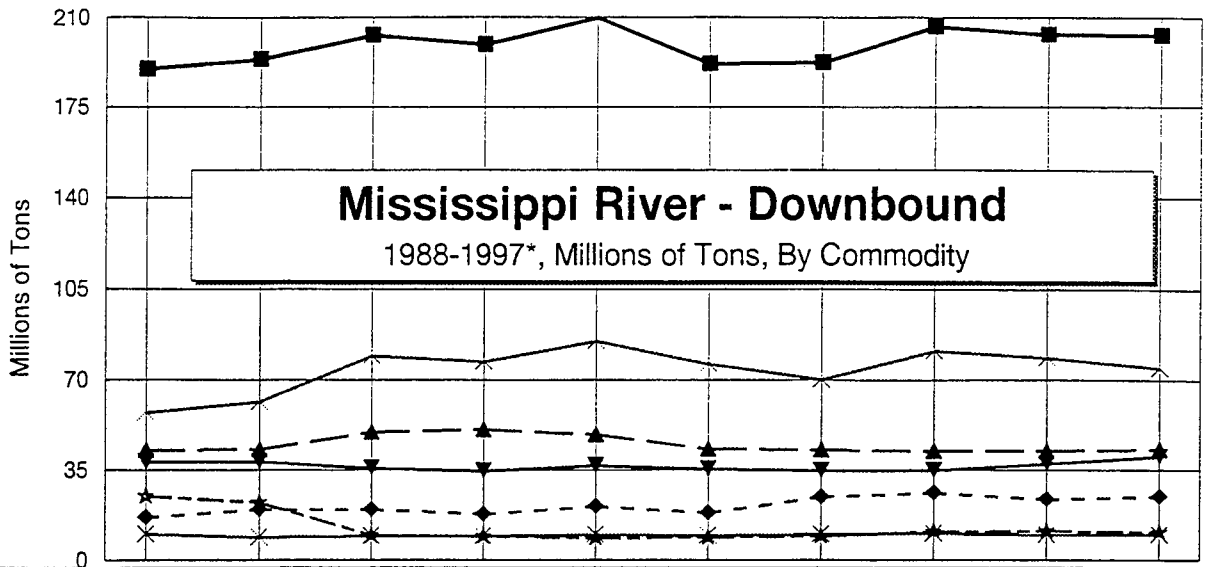
*June 20, 1998 **Includes domestic coastwise tonnage.
Internal: Moved solely within the boundaries of the U. S.



Mississippi River - Total
1988-1997*, Millions of Tons, By Commodity

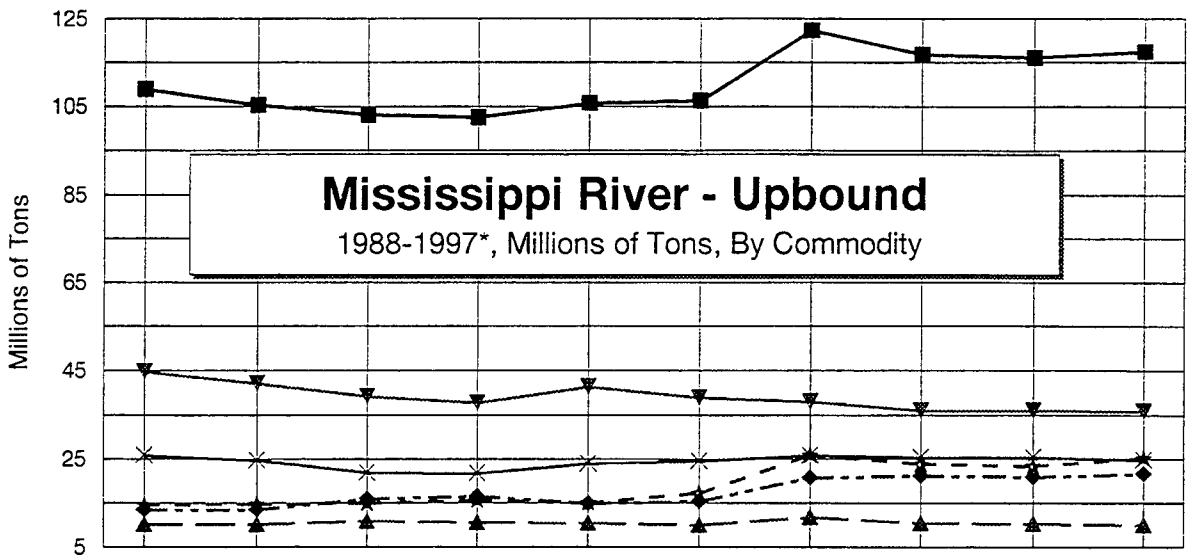
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	298.75	298.87	306.19	301.67	315.71	298.26	314.58	323.02	319.57	320.4
★ Other	68.48	69.11	57.90	56.67	57.04	57.18	77.36	80.17	76.72	79.7
△ Farm	58.28	62.58	81.62	79.97	87.52	79.17	73.69	83.33	81.29	77.2
▼ Petro	82.88	80.30	74.80	72.47	78.03	74.33	72.93	70.81	73.26	75.9
▲ Coal	52.90	53.20	60.55	61.36	59.28	53.33	54.63	52.91	52.87	52.9
× Chemical	36.22	33.68	31.31	31.21	33.85	34.26	35.96	35.80	35.42	34.8

6-17-98 Domestic Tonnage *The 1997 data is estimated.



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	189.84	193.63	203.18	199.28	210.04	191.98	192.29	206.32	203.48	203.1
△ Farm	57.02	61.38	79.30	77.06	85.00	76.10	70.13	81.20	78.53	74.5
▲ Coal	42.65	42.92	49.55	50.69	48.71	43.18	42.80	42.43	42.44	42.8
▼ Petro	38.25	38.17	35.61	34.77	36.73	35.43	35.01	34.91	37.33	40.1
◆ Nonmetal	16.70	19.79	19.70	17.98	21.02	18.53	24.72	26.28	23.59	24.6
× Chemical	10.31	9.03	9.36	9.33	9.93	9.75	10.14	10.37	10.04	10.0
★ Other	24.91	22.34	9.67	9.44	8.64	8.99	9.48	11.13	11.56	11.0

6-17-98 Domestic Tonnage *The 1997 data is estimated.

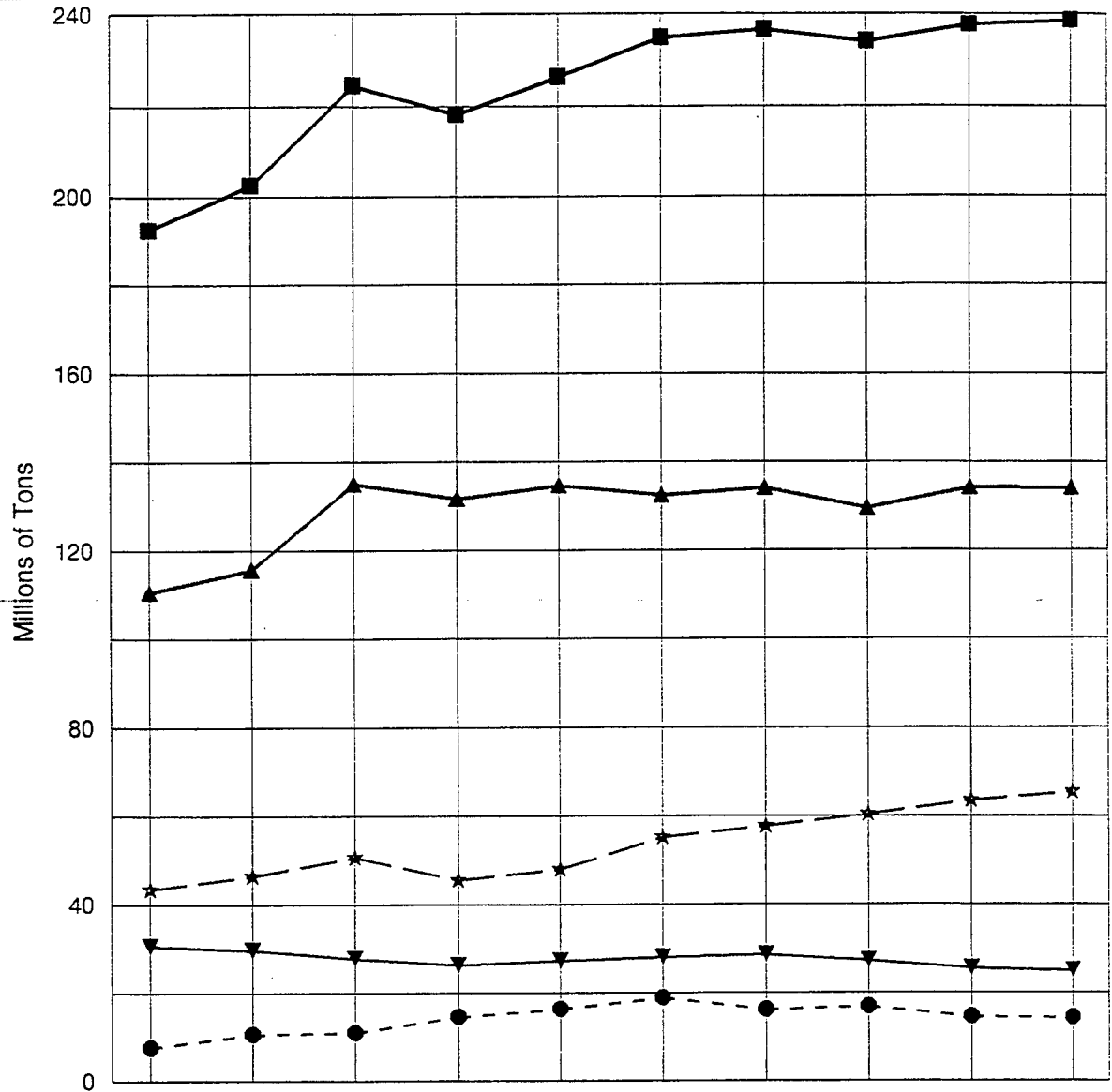


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	108.91	105.25	103.01	102.39	105.67	106.28	122.29	116.70	116.08	117.3
▼ Petro	44.63	42.13	39.19	37.69	41.29	38.90	37.91	35.90	35.93	35.8
× Chemical	25.90	24.65	21.95	21.87	23.92	24.51	25.82	25.43	25.38	24.8
★ Other	14.65	14.75	14.87	15.64	14.99	17.29	25.91	23.76	23.44	25.1
◆ Nonmetal	13.47	13.44	15.99	16.52	14.91	15.44	20.82	21.13	20.90	21.6
▲ Coal	10.25	10.28	11.00	10.67	10.57	10.14	11.83	10.48	10.43	10.1

6-16-98 Domestic Tonnage *The 1997 data is estimated.

Ohio River - Total

1988-1997*, Millions of Tons, By Commodity



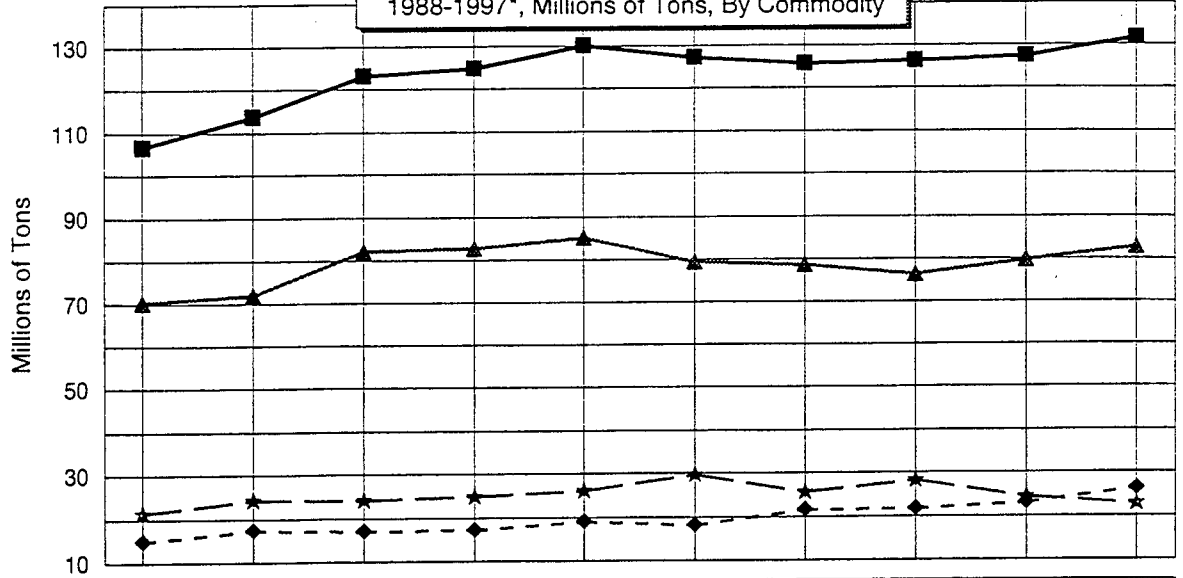
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
Total	192.59	202.67	224.70	218.32	226.39	234.88	236.66	234.06	237.69	238.8
▲ Coal	110.57	115.64	134.97	131.58	134.65	132.42	134.02	129.46	134.14	134.1
★ Other	43.57	46.58	50.68	45.64	48.06	55.22	57.60	60.32	63.47	65.3
▼ Petro & Chem	30.72	29.77	27.95	26.49	27.34	28.24	28.78	27.25	25.50	25.0
● Farm	7.73	10.68	11.10	14.60	16.34	18.99	16.25	17.04	14.58	14.4

6-11-98

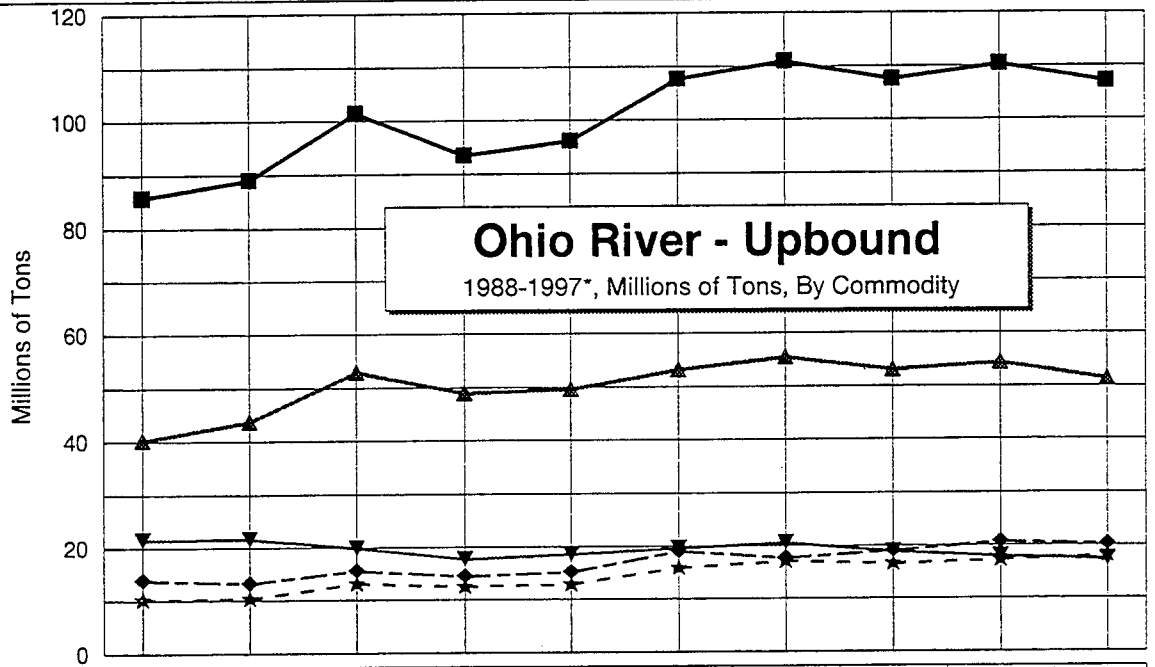
*Estimated

Ohio River - Downbound

1988-1997*, Millions of Tons, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	106.78	113.69	123.29	124.83	130.24	127.23	125.79	126.45	127.40	131.7
▲ Coal	70.36	72.01	82.02	82.76	85.09	79.29	78.55	76.37	79.74	82.7
★ Other	21.43	24.29	24.17	24.90	26.13	29.79	25.64	28.33	24.48	22.8
◆ Nonmetal	14.99	17.39	17.10	17.18	19.02	18.15	21.60	21.75	23.17	26.2



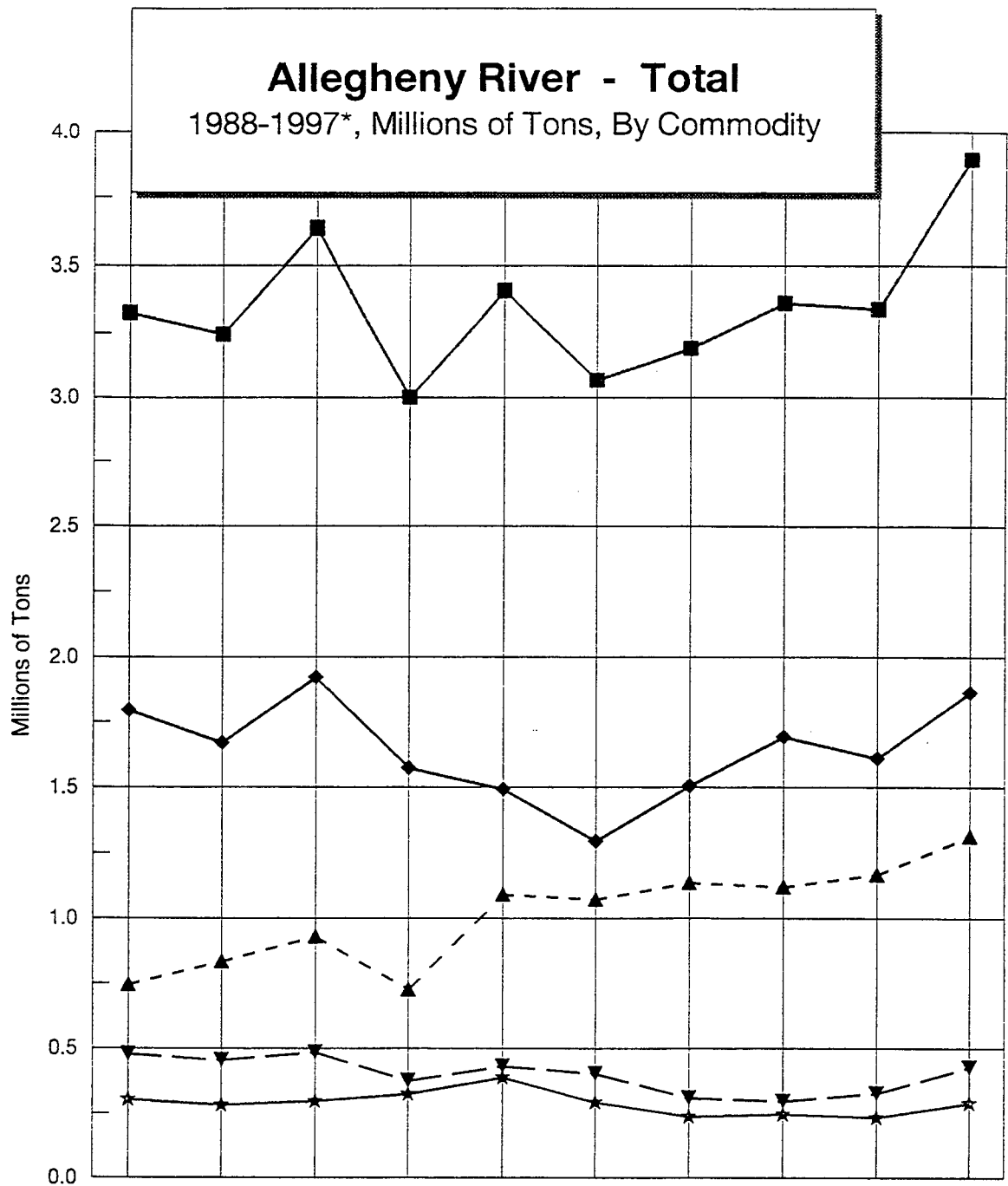
Ohio River - Upbound

1988-1997*, Millions of Tons, By Commodity

Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	85.82	88.98	101.40	93.48	96.15	107.65	110.87	107.61	110.29	107.0
▲ Coal	40.21	43.63	52.94	48.82	49.56	53.13	55.47	53.09	54.40	51.4
▼ Petro & Chem	21.51	21.68	19.81	17.73	18.51	19.64	20.53	18.87	17.92	17.3
◆ Nonmetal	13.86	13.28	15.47	14.46	15.16	19.01	17.71	19.01	20.71	20.2
★ Other	10.23	10.40	13.17	12.47	12.92	15.87	17.16	16.65	17.25	18.0

6-11-98

*Estimated

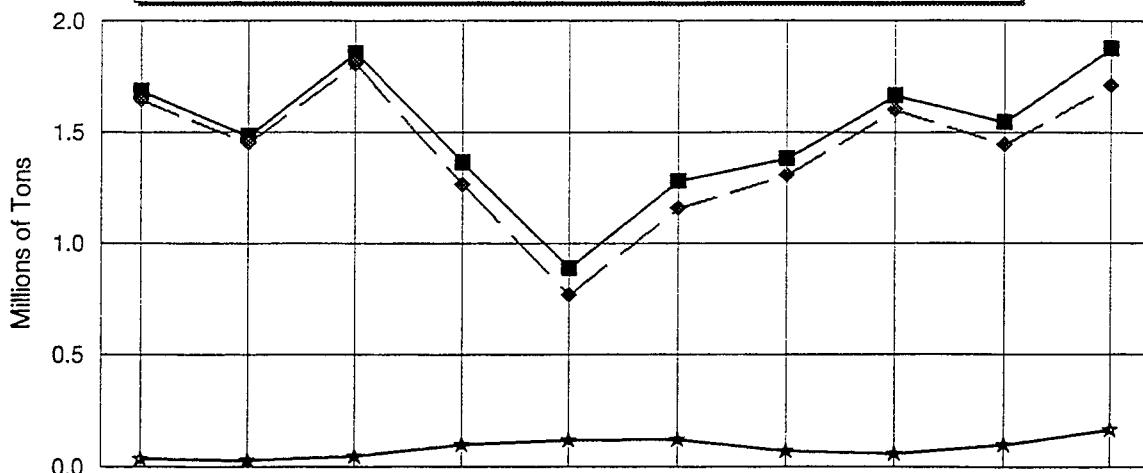


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	3.32	3.24	3.64	3.00	3.41	3.07	3.19	3.36	3.34	3.9
◆ Nonmetal	1.80	1.67	1.92	1.57	1.49	1.29	1.51	1.69	1.61	1.9
▲ Coal	0.75	0.84	0.93	0.73	1.09	1.07	1.14	1.12	1.17	1.3
▼ Petro & Chem	0.48	0.46	0.49	0.38	0.43	0.41	0.31	0.30	0.33	0.4
★ Other	0.30	0.28	0.30	0.33	0.39	0.30	0.24	0.25	0.24	0.3

6-04-98 *Estimated

Allegheny River - Downbound

1988-1997*, Millions of Tons, By Commodity



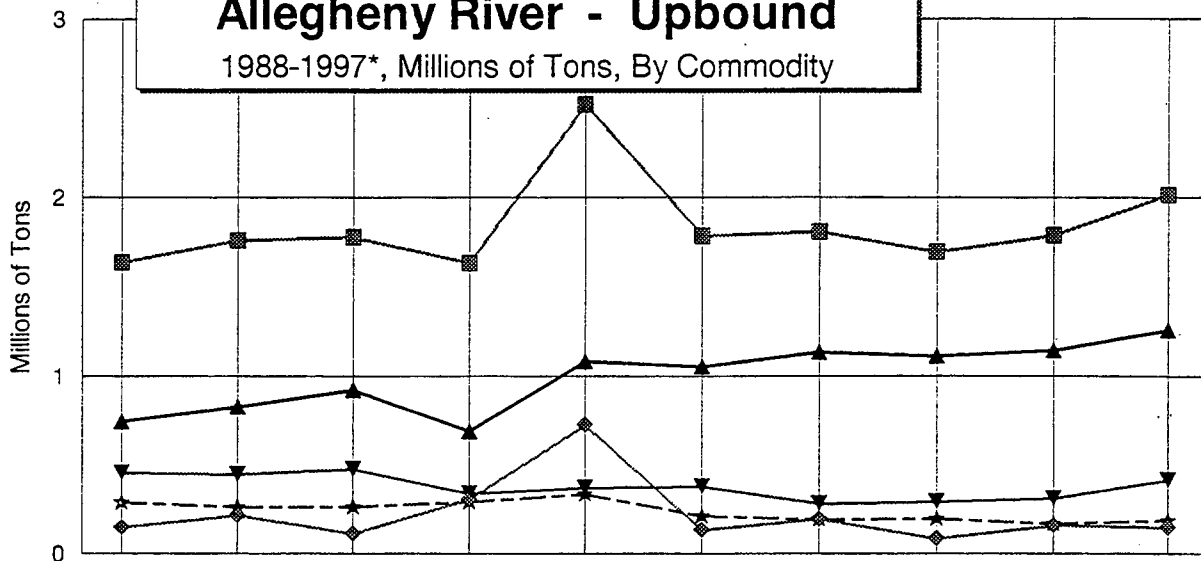
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	1.68	1.48	1.86	1.37	0.89	1.28	1.38	1.67	1.55	1.9
◆ Nonmetal	1.65	1.45	1.81	1.26	0.77	1.16	1.31	1.60	1.45	1.7
★ Other	0.04	0.03	0.05	0.10	0.12	0.13	0.07	0.06	0.10	0.2

6-04-98

*Estimated

Allegheny River - Upbound

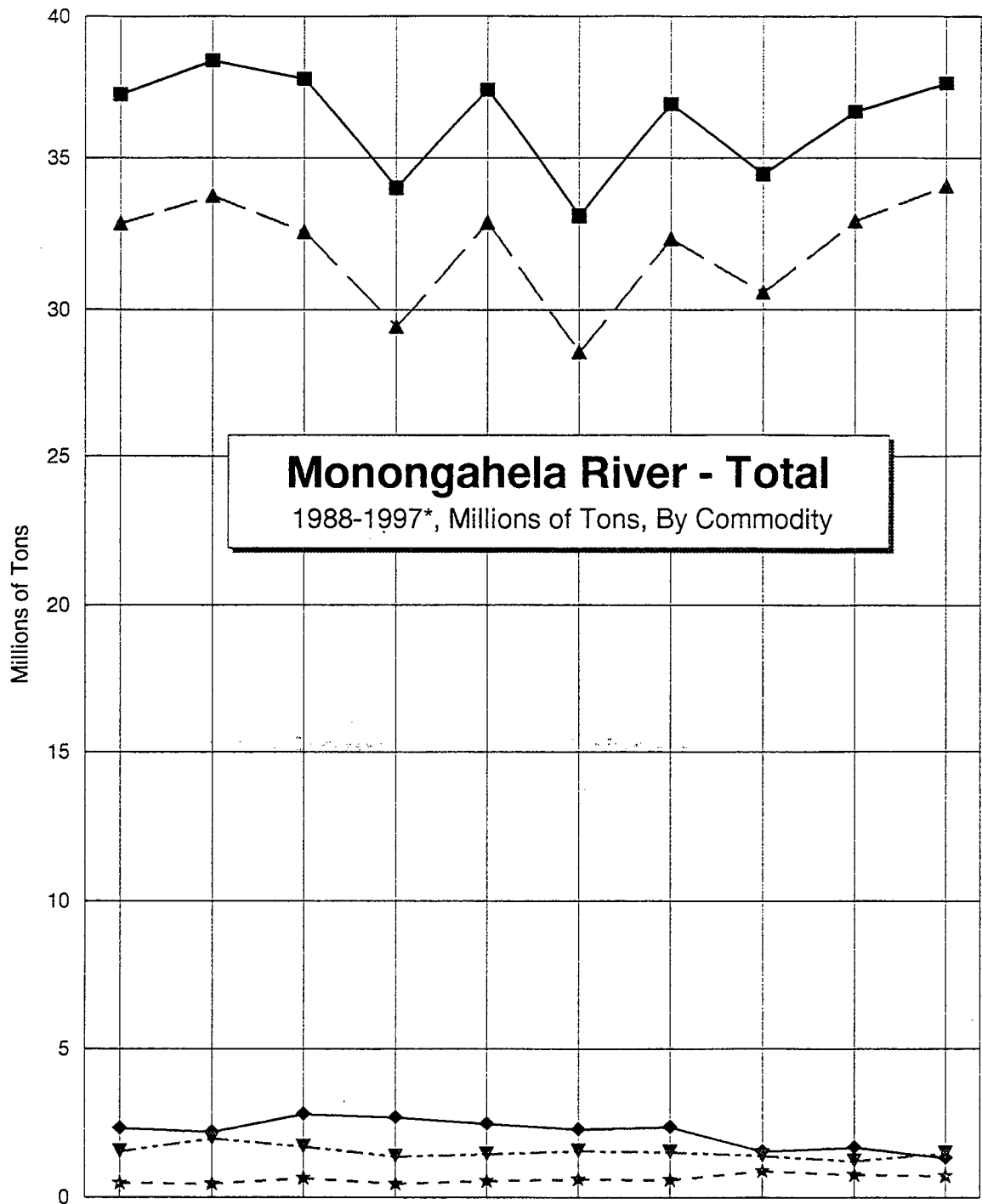
1988-1997*, Millions of Tons, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	1.64	1.76	1.78	1.64	2.52	1.79	1.81	1.70	1.79	2.0
▲ Coal	0.75	0.83	0.92	0.69	1.08	1.05	1.13	1.11	1.14	1.3
▼ Petro & Chem	0.45	0.45	0.48	0.34	0.37	0.38	0.28	0.29	0.31	0.4
★ Other	0.29	0.27	0.26	0.29	0.34	0.22	0.20	0.20	0.17	0.2
◆ Nonmetal	0.15	0.22	0.11	0.31	0.73	0.14	0.20	0.09	0.16	0.2

6-04-98

*Estimated



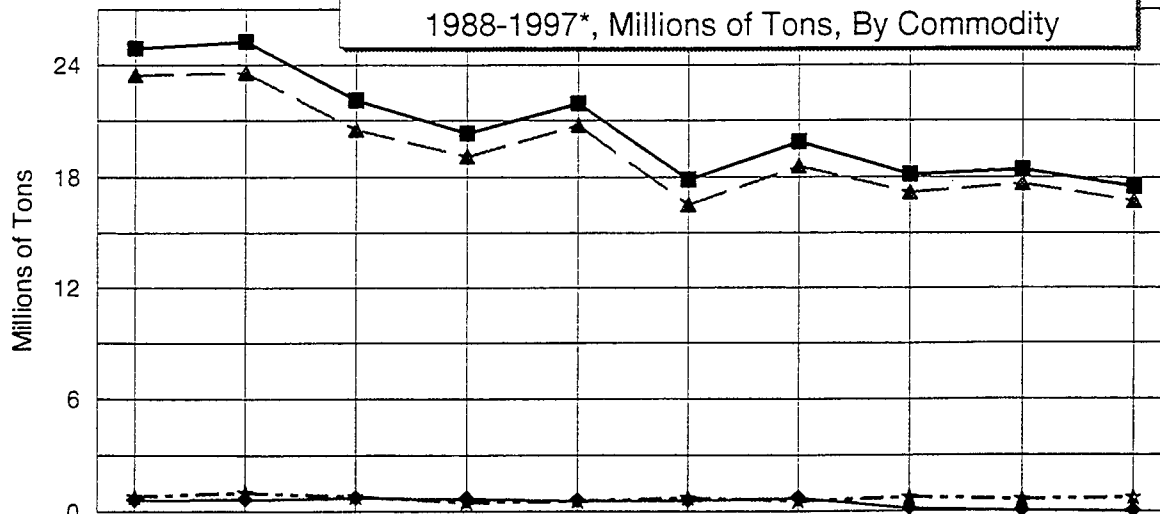
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	37.20	38.42	37.76	33.99	37.37	33.07	36.87	34.44	36.59	37.6
▲ Coal	32.81	33.73	32.54	29.42	32.86	28.56	32.34	30.58	32.89	34.1
◆ Nonmetal	2.34	2.22	2.83	2.72	2.49	2.30	2.37	1.56	1.70	1.3
▼ Petro & Chem	1.55	2.00	1.72	1.38	1.47	1.59	1.54	1.41	1.23	1.5
★ Other	0.50	0.47	0.66	0.47	0.56	0.62	0.61	0.90	0.77	0.7

6-08-98

*Estimated

Monongahela River - Downbound

1988-1997*, Millions of Tons, By Commodity



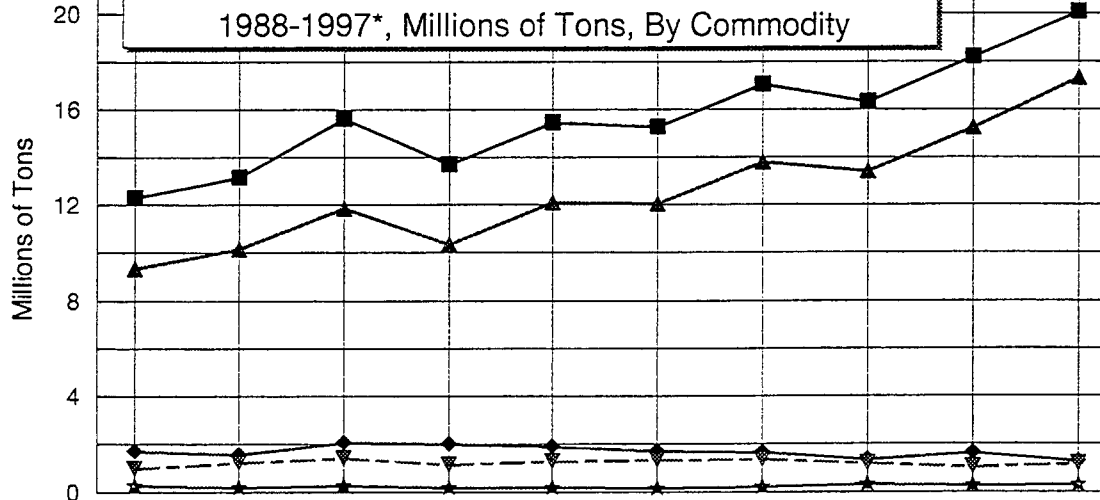
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	24.89	25.25	22.07	20.31	21.92	17.82	19.84	18.13	18.40	17.5
▲ Coal	23.48	23.58	20.51	19.10	20.77	16.53	18.57	17.17	17.67	16.7
★ Other	0.79	1.02	0.81	0.50	0.55	0.73	0.55	0.78	0.65	0.7
◆ Nonmetals	0.62	0.65	0.75	0.71	0.60	0.57	0.73	0.19	0.08	0.1

6-08-98

*Estimated

Monongahela River - Upbound

1988-1997*, Millions of Tons, By Commodity



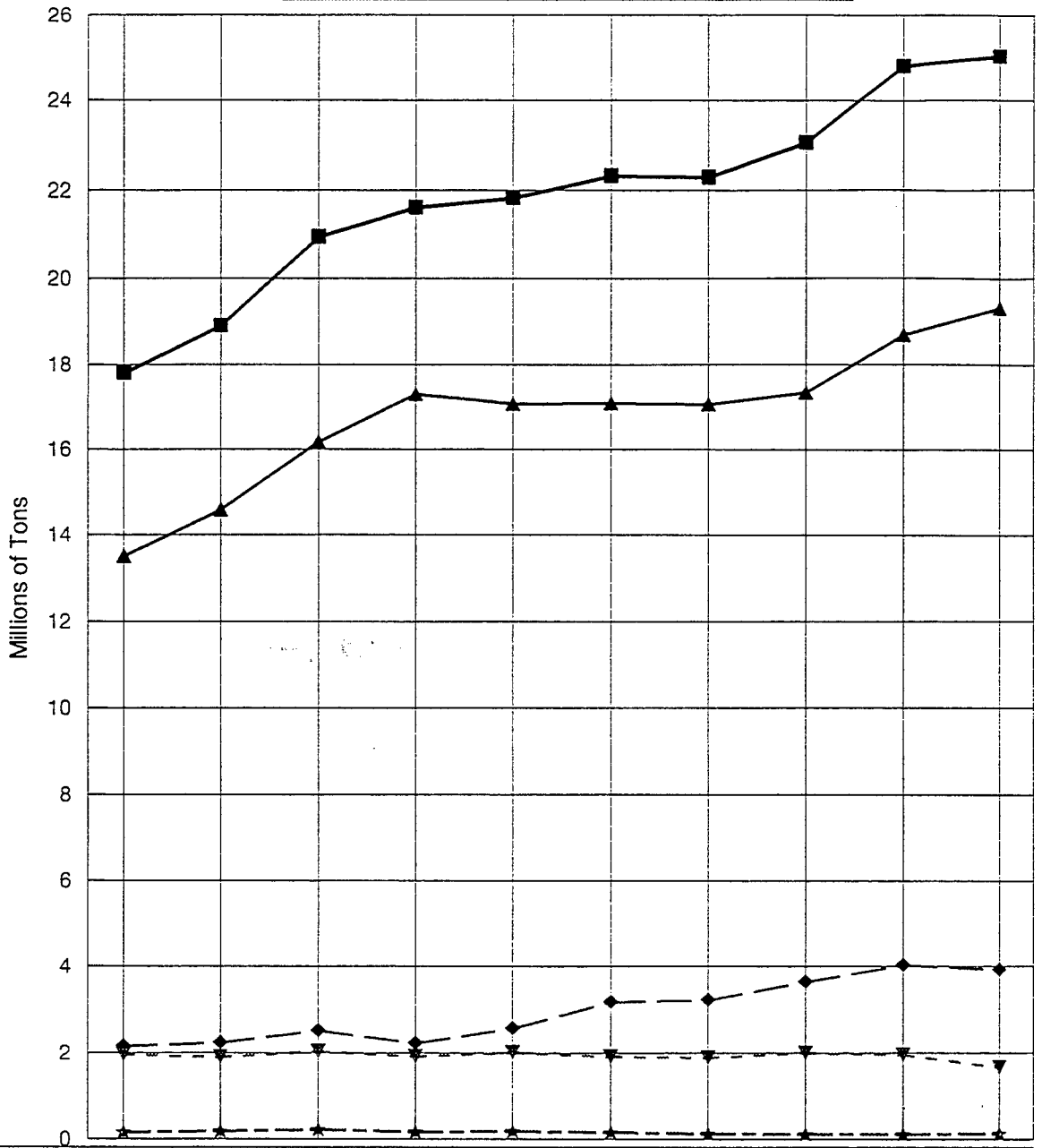
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	12.31	13.17	15.62	13.69	15.46	15.25	17.03	16.32	18.18	20.1
▲ Coal	9.33	10.15	11.85	10.32	12.08	12.04	13.77	13.41	15.22	17.3
◆ Nonmetal	1.71	1.57	2.07	2.01	1.90	1.72	1.65	1.37	1.62	1.3
▼ Petro & Chem	0.98	1.23	1.42	1.14	1.27	1.32	1.37	1.20	1.05	1.2
★ Other	0.28	0.22	0.27	0.22	0.21	0.16	0.24	0.34	0.29	0.3

6-04-98

*Estimated

Kanawha River - Total

1988-1997*, Millions of Tons, By Commodity



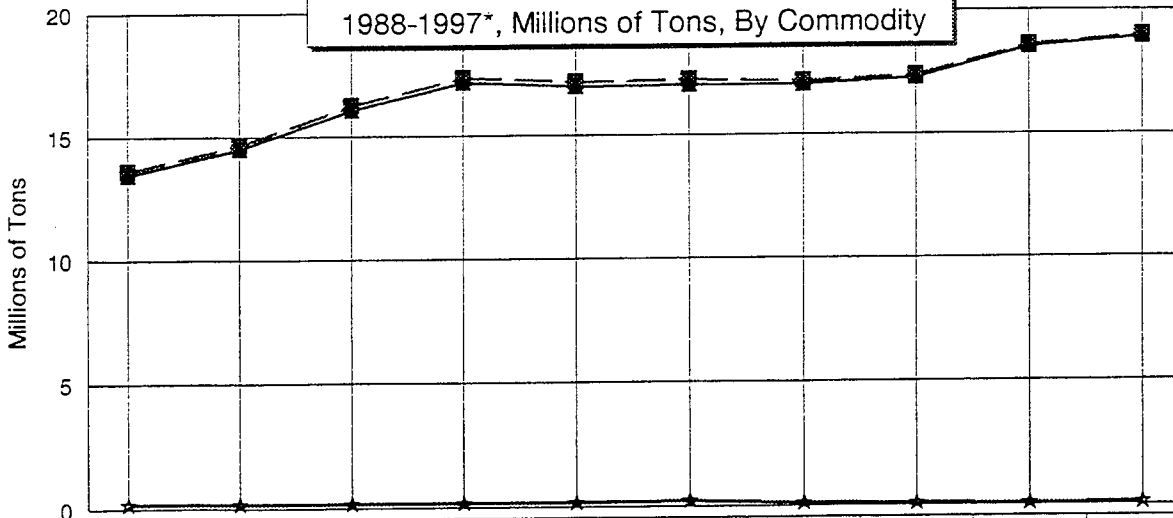
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	17.79	18.91	20.95	21.60	21.83	22.32	22.28	23.06	24.79	25.0
▲ Coal	13.51	14.58	16.18	17.28	17.05	17.07	17.05	17.32	18.68	19.3
◆ Nonmetal	2.16	2.23	2.52	2.22	2.58	3.18	3.21	3.63	4.04	3.9
▼ Petro & Chem	1.96	1.91	2.03	1.93	2.02	1.91	1.90	2.00	1.96	1.7
★ Other	0.16	0.18	0.22	0.17	0.18	0.15	0.13	0.11	0.11	0.1

5-29-98

*Estimated

Kanawha River - Downbound

1988-1997*, Millions of Tons, By Commodity



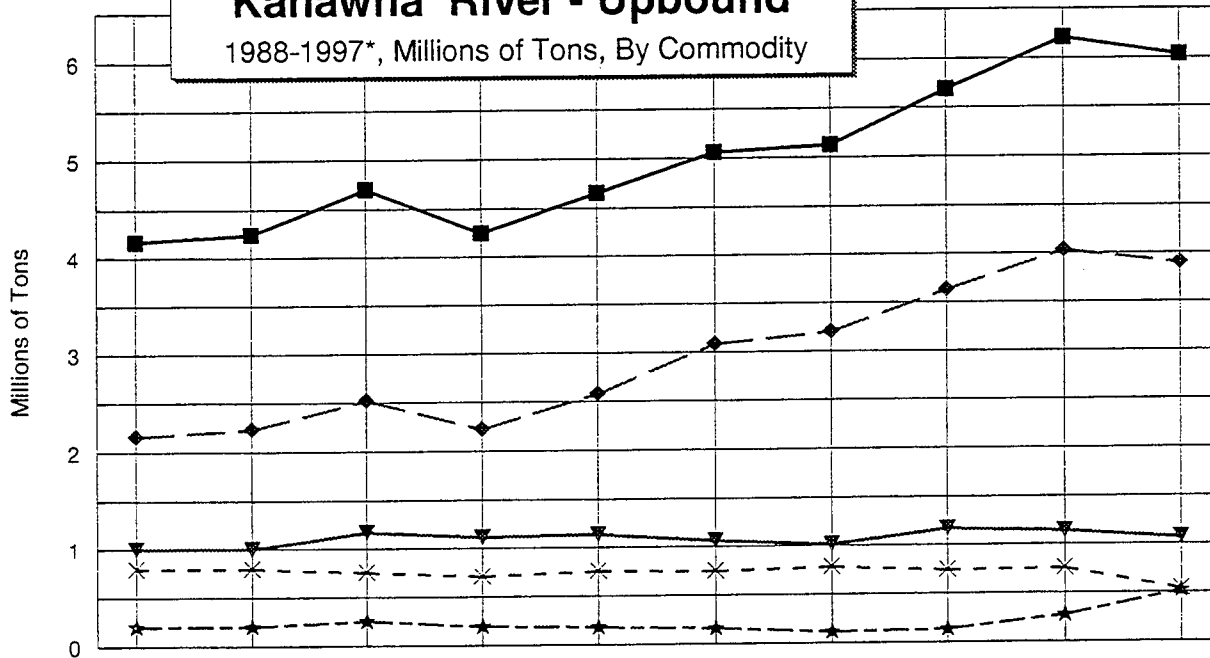
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	13.62	14.67	16.25	17.36	17.17	17.25	17.16	17.37	18.59	19.0
▲ Coal	13.45	14.51	16.07	17.17	16.99	17.03	17.03	17.28	18.52	18.9
★ Other	0.17	0.16	0.17	0.18	0.18	0.22	0.12	0.09	0.07	0.1

5-29-98

*Estimated

Kanawha River - Upbound

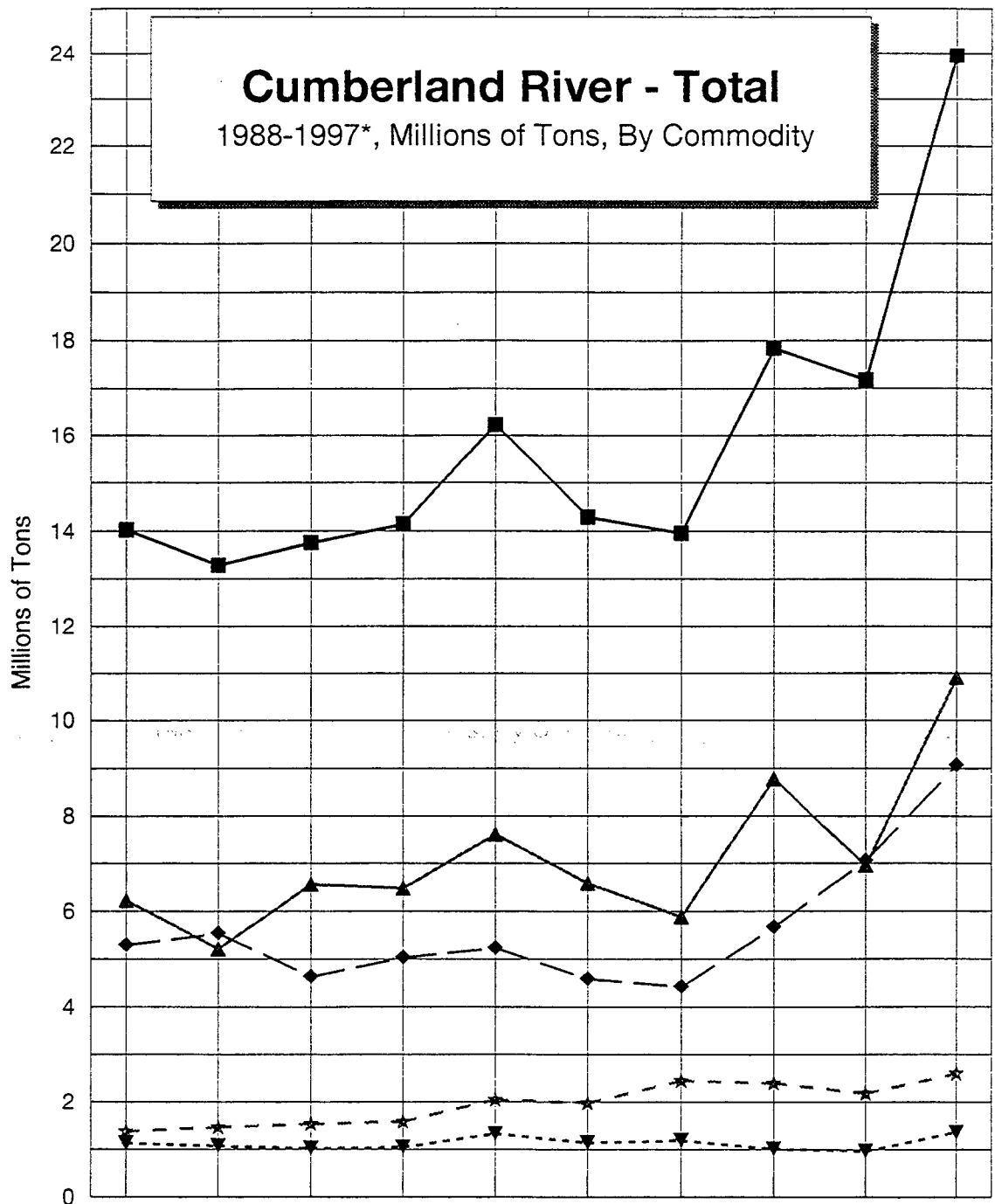
1988-1997*, Millions of Tons, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	4.16	4.24	4.70	4.25	4.65	5.06	5.13	5.69	6.20	6.0
◆ Nonmetal	2.16	2.23	2.52	2.22	2.58	3.09	3.20	3.63	4.03	3.9
▼ Petro	1.01	1.00	1.17	1.11	1.14	1.06	1.02	1.17	1.14	1.1
× Chemical	0.80	0.80	0.76	0.71	0.76	0.75	0.79	0.75	0.76	0.5
★ Other	0.20	0.20	0.26	0.20	0.18	0.16	0.12	0.14	0.28	0.5

5-29-98

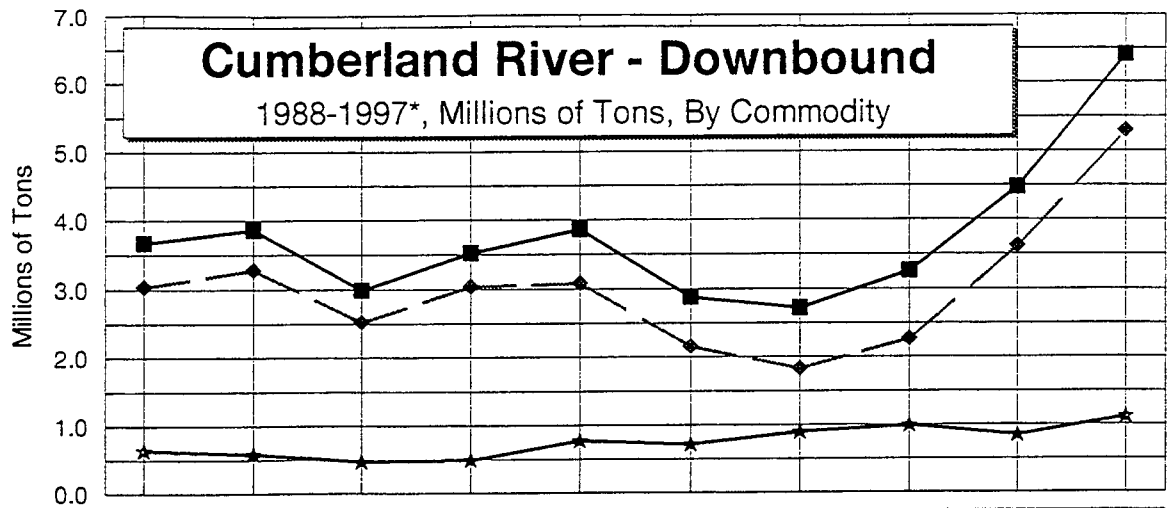
*Estimated



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	14.03	13.29	13.74	14.14	16.22	14.29	13.95	17.84	17.17	23.9
▲ Coal	6.22	5.21	6.55	6.48	7.61	6.59	5.88	8.77	6.96	10.9
◆ Nonmetal	5.30	5.54	4.64	5.04	5.24	4.59	4.43	5.66	7.06	9.1
★ Other	1.38	1.47	1.54	1.58	2.05	1.98	2.45	2.39	2.18	2.6
▼ Petro & Chem	1.13	1.07	1.01	1.05	1.32	1.13	1.19	1.01	0.97	1.4

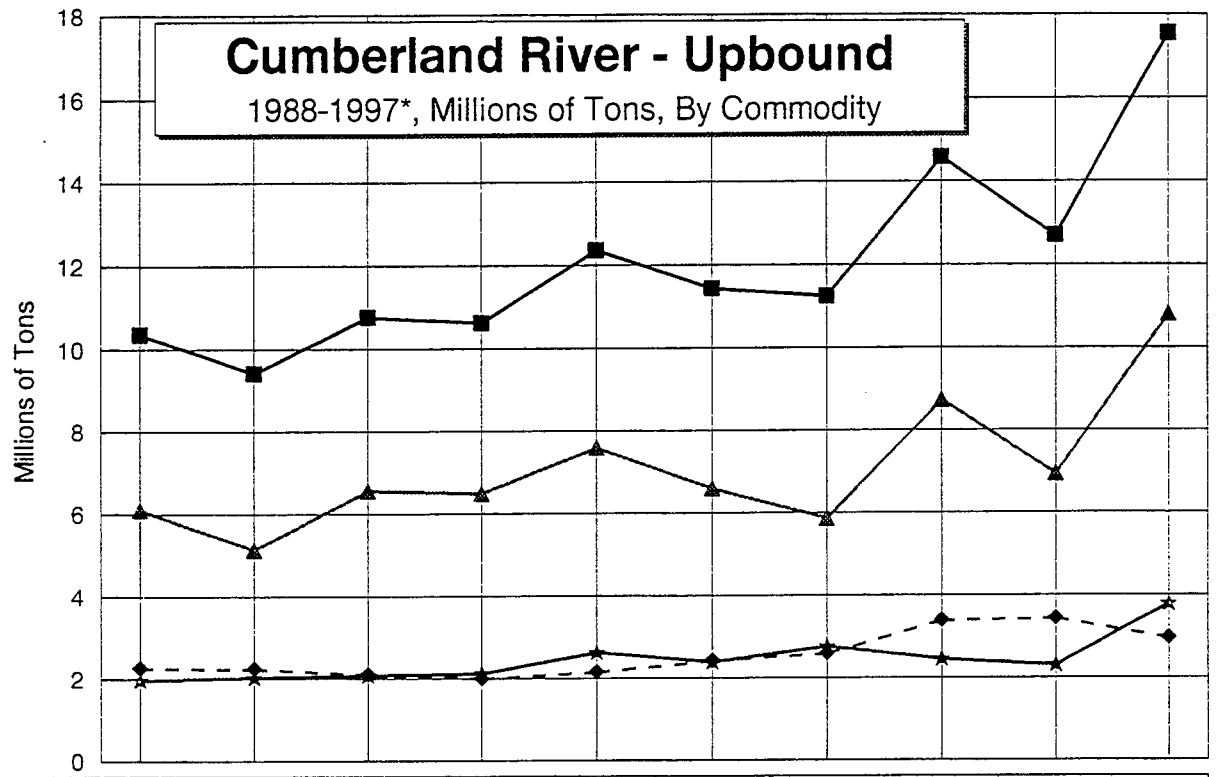
6-04-98

*Estimated



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	3.68	3.86	2.98	3.52	3.86	2.88	2.72	3.26	4.47	6.4
◆ Nonmetal	3.03	3.28	2.51	3.04	3.08	2.16	1.82	2.27	3.62	5.3
★ Other	0.64	0.59	0.47	0.49	0.78	0.72	0.89	0.99	0.85	1.1

6-04-98 *Estimated

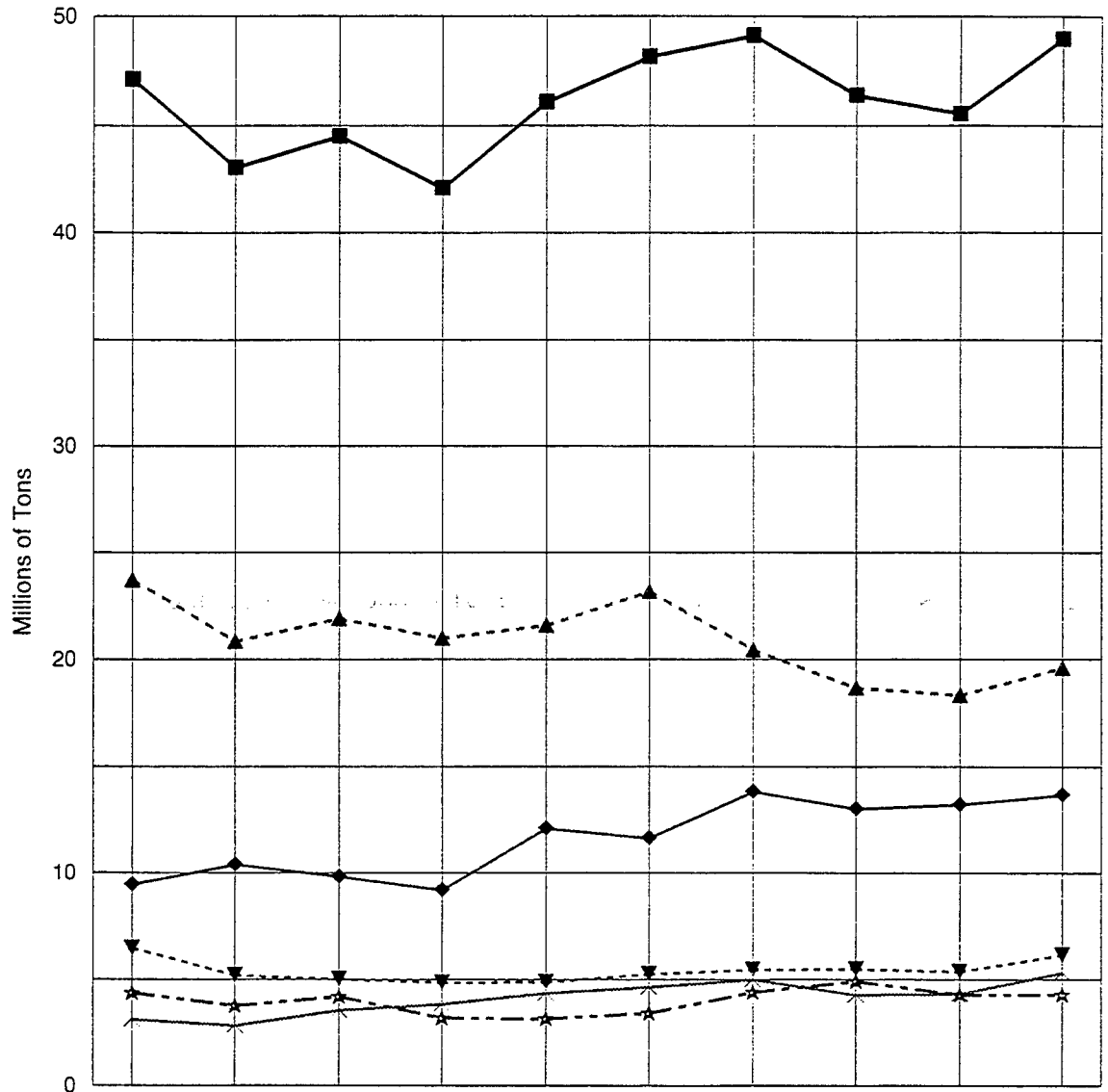


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	10.35	9.42	10.76	10.61	12.36	11.42	11.24	14.58	12.70	17.5
▲ Coal	6.10	5.13	6.55	6.48	7.58	6.58	5.86	8.73	6.94	10.8
◆ Nonmetal	2.27	2.26	2.13	2.00	2.16	2.43	2.61	3.39	3.44	3.0
★ Other	1.98	2.04	2.08	2.14	2.63	2.40	2.77	2.45	2.31	3.8

6-04-98 *Estimated

Tennessee River - Total

1988-1997*, Millions of Tons, By Commodity

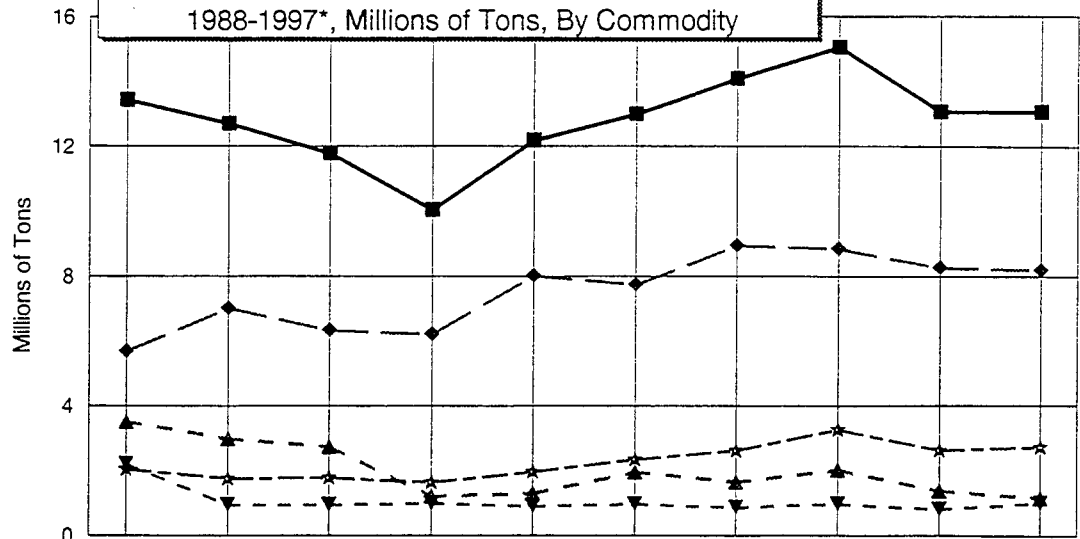


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	47.10	43.06	44.51	42.09	46.08	48.16	49.14	46.39	45.53	49.0
▲ Coal	23.70	20.82	21.88	20.97	21.56	23.18	20.43	18.66	18.32	19.6
◆ Nonmetal	9.46	10.44	9.84	9.22	12.12	11.64	13.86	13.04	13.24	13.7
▼ Petro & Chem	6.47	5.21	5.03	4.86	4.87	5.25	5.47	5.48	5.36	6.2
★ Other	4.36	3.75	4.20	3.20	3.16	3.43	4.38	4.92	4.28	4.3
⋈ Farm	3.11	2.84	3.57	3.83	4.37	4.66	5.00	4.29	4.32	5.3

6-9-98 *Estimated

Tennessee River - Downbound

1988-1997*, Millions of Tons, By Commodity



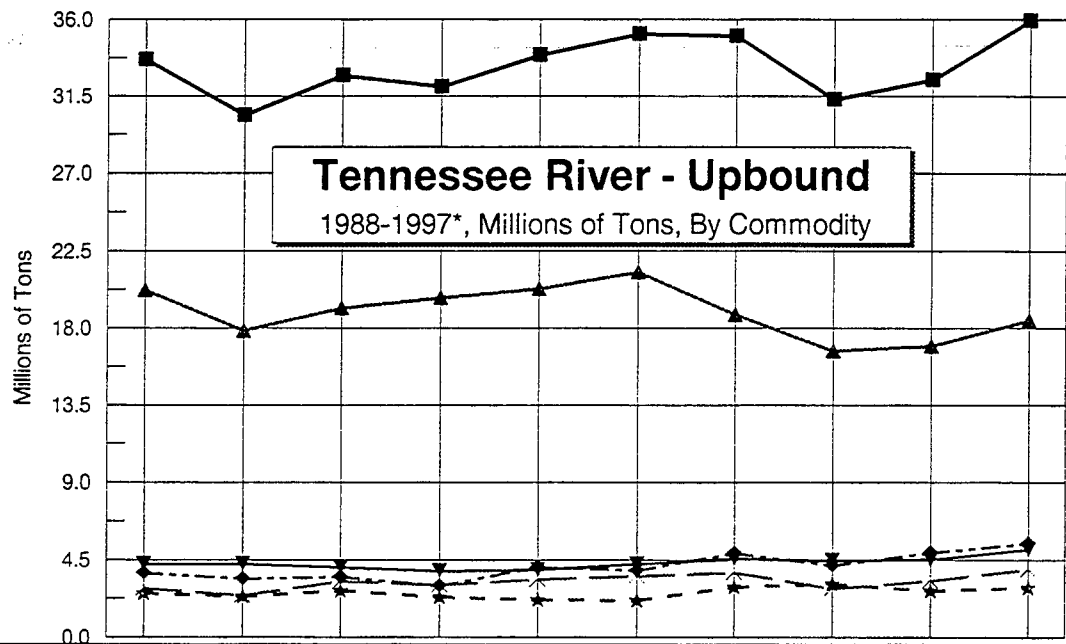
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	13.44	12.70	11.78	10.05	12.18	13.00	14.10	15.07	13.08	13.1
◆ Nonmetal	5.69	7.00	6.32	6.22	8.02	7.74	8.95	8.85	8.28	8.2
★ Other	2.05	1.76	1.78	1.64	1.96	2.35	2.62	3.25	2.62	2.7
▲ Coal	3.50	2.98	2.73	1.21	1.29	1.94	1.65	2.01	1.38	1.1
▼ Petro & Chem	2.20	0.95	0.95	0.99	0.92	0.97	0.88	0.96	0.81	1.0

6-9-98

*Estimated

Tennessee River - Upbound

1988-1997*, Millions of Tons, By Commodity



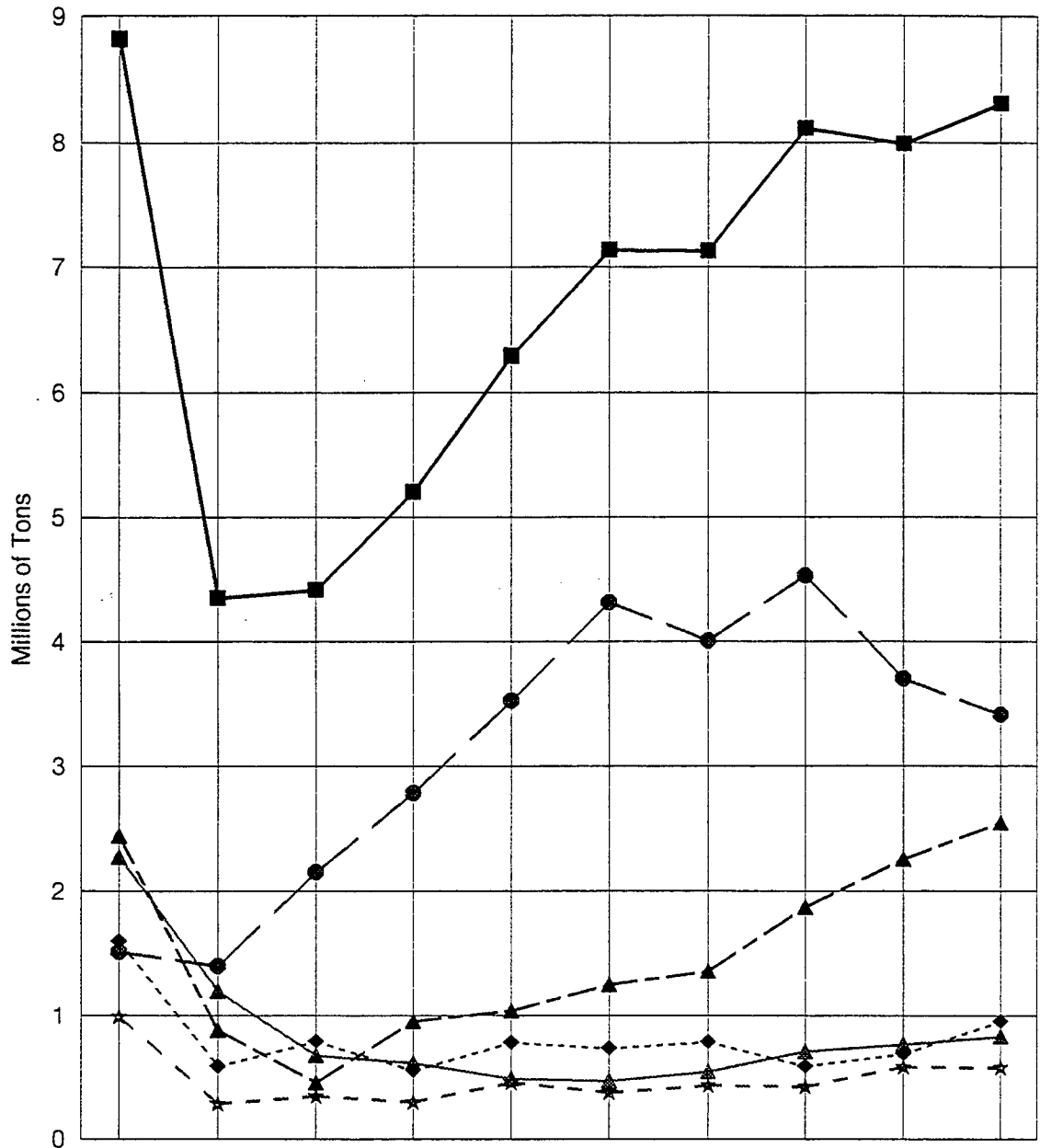
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	33.66	30.37	32.73	32.03	33.91	35.16	35.04	31.32	32.45	35.9
▲ Coal	20.20	17.83	19.15	19.76	20.27	21.24	18.79	16.65	16.95	18.4
▼ Petro & Chem	4.27	4.26	4.08	3.88	3.96	4.27	4.59	4.52	4.56	5.1
◆ Nonmetal	3.77	3.44	3.51	3.00	4.10	3.91	4.91	4.18	4.96	5.5
★ Other	2.56	2.39	2.72	2.33	2.18	2.15	2.95	3.13	2.70	2.9
⋈ Farm	2.86	2.45	3.26	3.06	3.40	3.59	3.81	2.84	3.29	4.0

6-9-98

*Estimated

Tennessee - Tombigbee Waterway

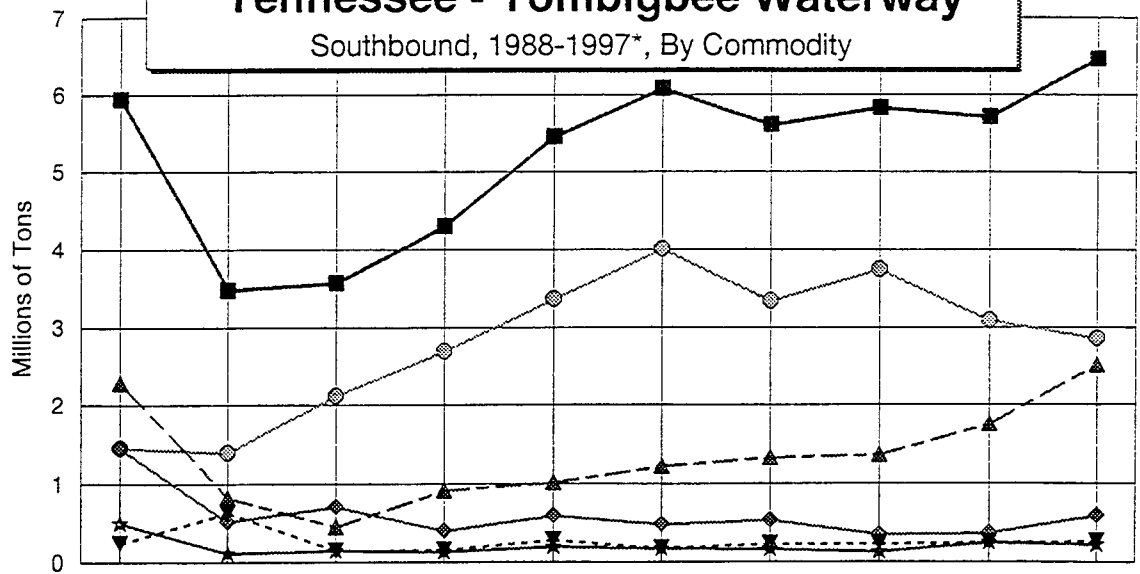
Total, 1988-1997*, Millions of Tons, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	8.82	4.35	4.41	5.20	6.29	7.13	7.12	8.12	7.99	8.3
● Wood	1.51	1.40	2.15	2.78	3.53	4.31	4.00	4.53	3.70	3.4
▲ Coal	2.44	0.88	0.45	0.96	1.04	1.25	1.36	1.87	2.25	2.5
▲ Petro & Chem	2.28	1.20	0.68	0.61	0.49	0.47	0.54	0.71	0.77	0.8
◆ Nonmetal	1.60	0.59	0.79	0.55	0.78	0.73	0.78	0.59	0.69	1.0
★ Other	0.99	0.28	0.35	0.30	0.45	0.37	0.43	0.42	0.58	0.6

Tennessee - Tombigbee Waterway

Southbound, 1988-1997*, By Commodity



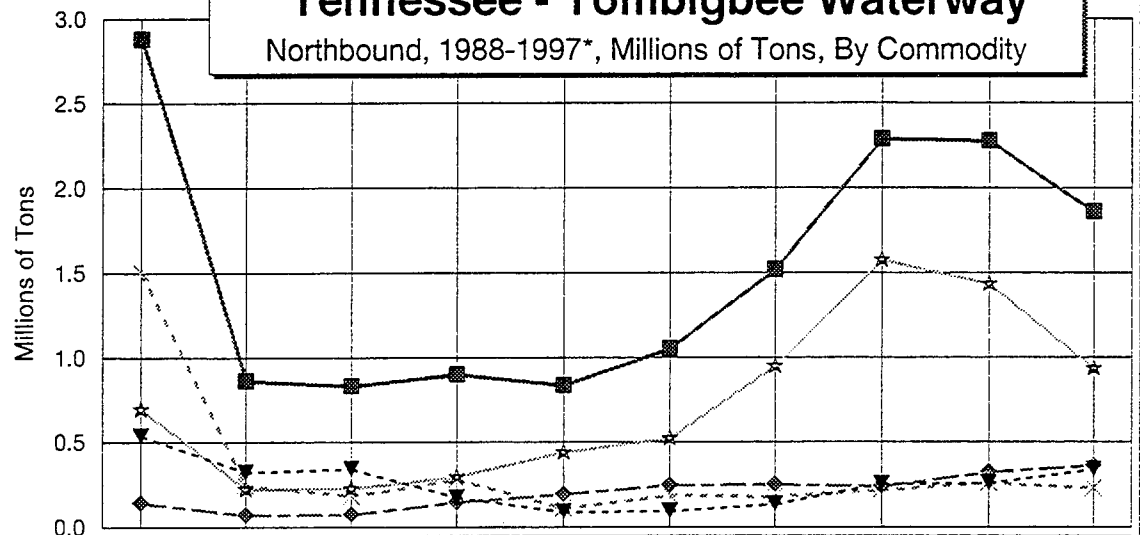
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	5.94	3.48	3.58	4.30	5.45	6.08	5.60	5.83	5.71	6.5
⊙ Wood	1.46	1.40	2.12	2.70	3.37	4.01	3.35	3.75	3.10	2.9
▲ Coal	2.29	0.82	0.45	0.91	1.02	1.22	1.33	1.36	1.75	2.5
◆ Nonmetal	1.45	0.51	0.71	0.40	0.59	0.48	0.53	0.35	0.37	0.6
▼ Petro & Chem	0.24	0.63	0.15	0.16	0.28	0.18	0.23	0.24	0.24	0.3
★ Other	0.50	0.12	0.15	0.13	0.20	0.18	0.16	0.13	0.25	0.2

6-03-98

*Estimate

Tennessee - Tombigbee Waterway

Northbound, 1988-1997*, Millions of Tons, By Commodity



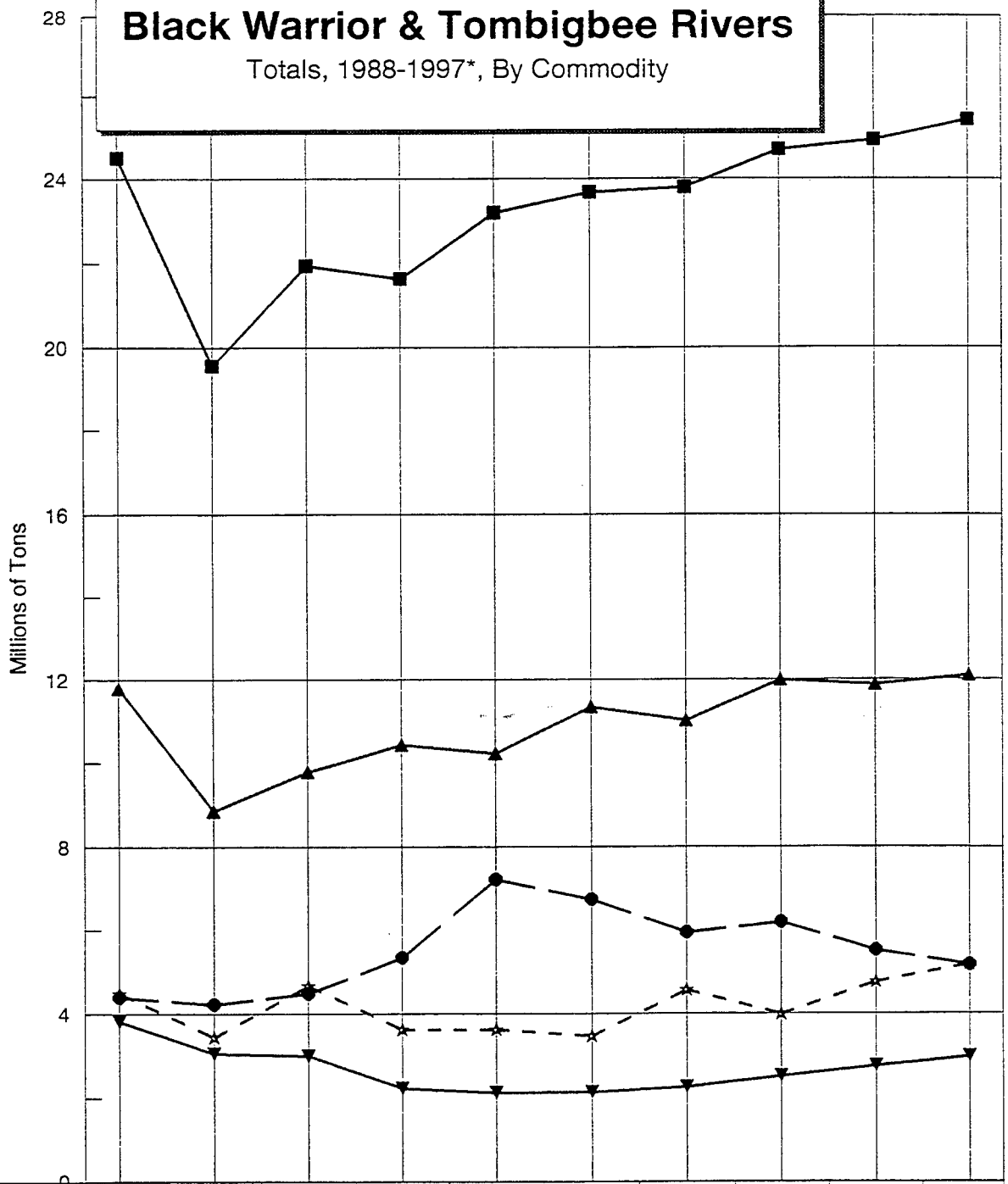
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	2.88	0.87	0.84	0.90	0.84	1.06	1.52	2.29	2.28	1.9
★ Other	0.70	0.22	0.23	0.30	0.44	0.52	0.95	1.58	1.44	0.9
◆ Nonmetal	0.15	0.07	0.08	0.15	0.19	0.25	0.25	0.24	0.32	0.4
/ Chemical	1.50	0.24	0.18	0.28	0.11	0.19	0.18	0.22	0.26	0.2
▼ Petro	0.54	0.32	0.34	0.18	0.09	0.10	0.14	0.25	0.26	0.3

6-03-98

*Estimate

Black Warrior & Tombigbee Rivers

Totals, 1988-1997*, By Commodity



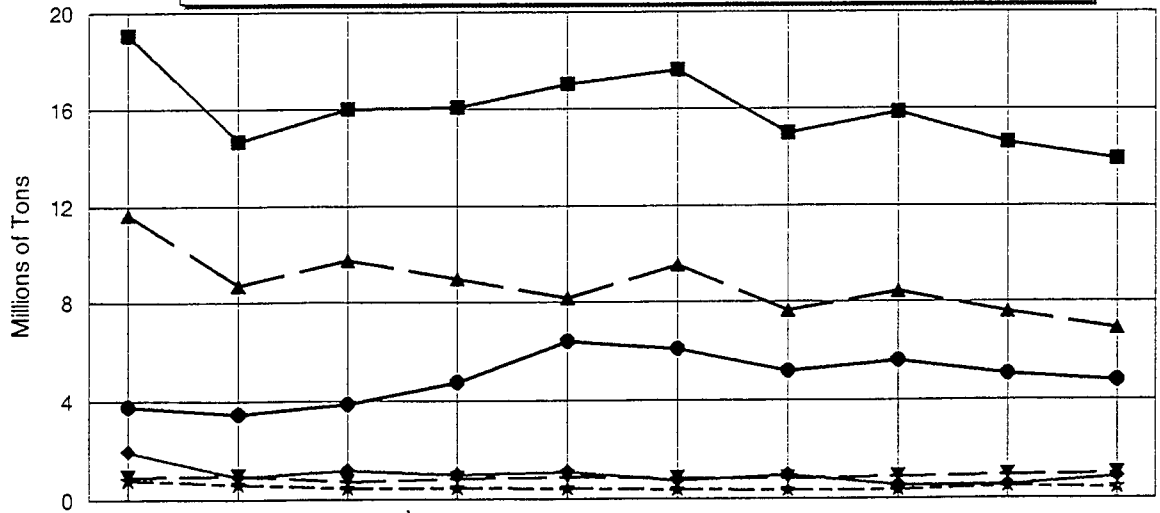
Millions of Tons	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	24.49	19.57	21.95	21.63	23.19	23.67	23.78	24.67	24.91	25.4
▲ Coal	11.80	8.84	9.79	10.43	10.23	11.34	11.02	11.98	11.88	12.1
● Wood	4.39	4.22	4.48	5.34	7.20	6.73	5.94	6.19	5.51	5.2
★ Other	4.48	3.44	4.66	3.63	3.63	3.47	4.57	3.99	4.76	5.2
▼ Petro & Chem	3.82	3.06	3.01	2.24	2.13	2.14	2.25	2.52	2.75	3.0

6-01-98

*Estimate

Black Warrior & Tombigbee Rivers

Downbound, Millions of Tons, 1988-1997*, By Commodity

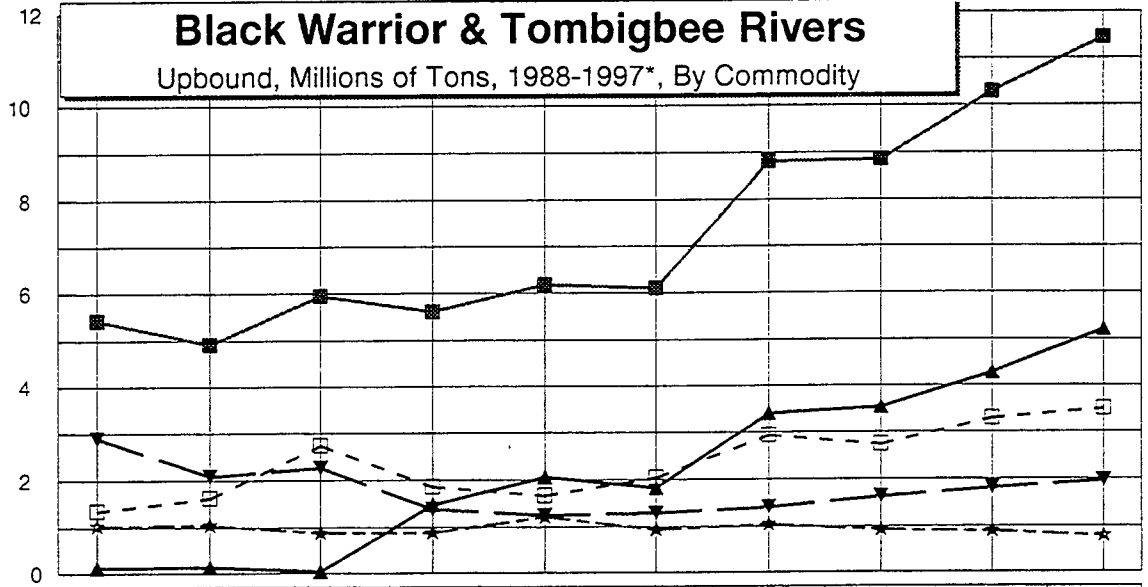


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ TOTAL	19.06	14.66	16.01	16.03	17.00	17.58	14.98	15.83	14.61	14.0
▲ Coal	11.67	8.70	9.74	8.96	8.17	9.52	7.62	8.44	7.59	6.9
● Wood	3.74	3.44	3.87	4.72	6.40	6.06	5.17	5.58	5.02	4.8
▼ Petro & Chem	0.92	0.97	0.75	0.85	0.89	0.85	0.84	0.89	0.94	1.0
◆ Nonmetal	1.94	0.91	1.19	1.01	1.11	0.75	0.97	0.55	0.56	0.9
★ Other	0.79	0.63	0.47	0.49	0.43	0.39	0.38	0.37	0.50	0.4

6-01-98 *Estimate

Black Warrior & Tombigbee Rivers

Upbound, Millions of Tons, 1988-1997*, By Commodity

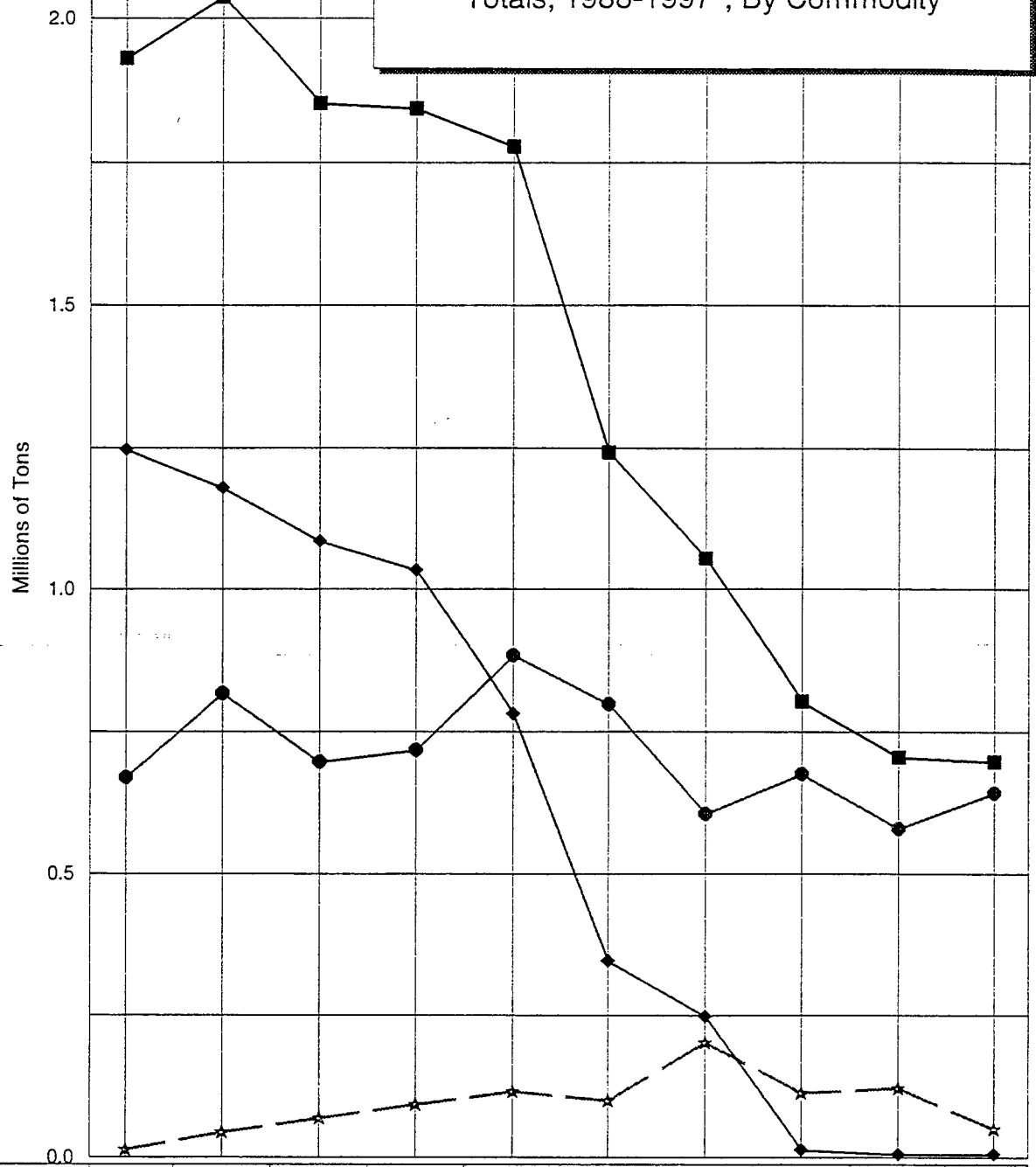


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	5.42	4.91	5.94	5.60	6.19	6.10	8.80	8.84	10.29	11.5
▲ Coal	0.13	0.14	0.05	1.47	2.06	1.82	3.40	3.54	4.29	5.2
□ Metal	1.36	1.63	2.74	1.87	1.68	2.05	2.94	2.74	3.30	3.5
▼ Petro & Chem	2.89	2.09	2.26	1.38	1.24	1.28	1.41	1.63	1.81	2.0
★ Other	1.04	1.05	0.88	0.88	1.22	0.95	1.06	0.94	0.90	0.8

6-01-98 *Estimate

Alabama and Coosa Rivers

Totals, 1988-1997*, By Commodity

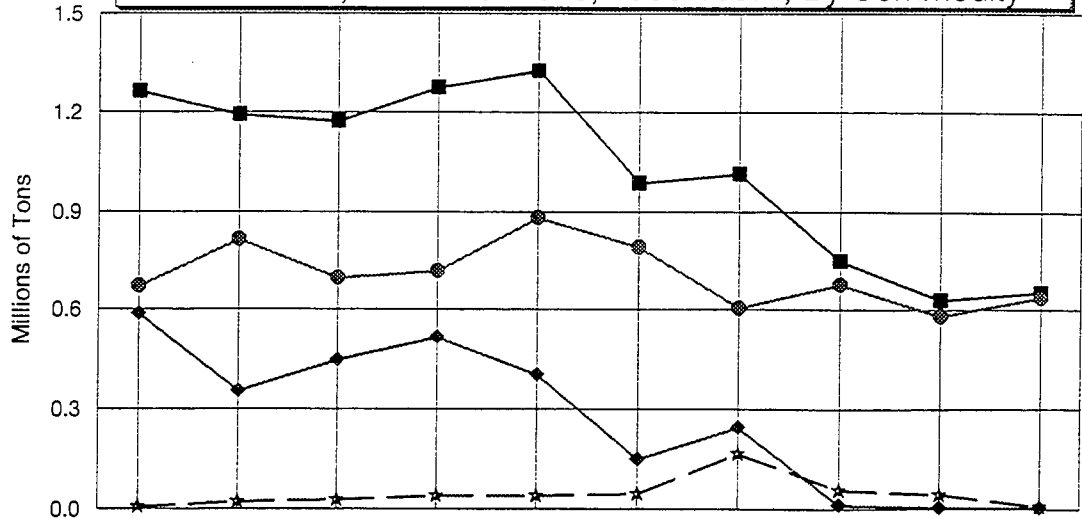


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	1.93	2.04	1.85	1.84	1.78	1.24	1.05	0.80	0.71	0.70
● Wood	0.67	0.82	0.70	0.72	0.88	0.80	0.60	0.68	0.58	0.64
★ Other	0.01	0.04	0.07	0.09	0.12	0.10	0.20	0.11	0.12	0.05
◆ Nonmetal	1.25	1.18	1.08	1.03	0.78	0.35	0.25	0.01	0.01	0.01

6-01-98 *Estimated

Alabama and Coosa Rivers

Downbound, Millions of Tons, 1988-1997*, By Commodity



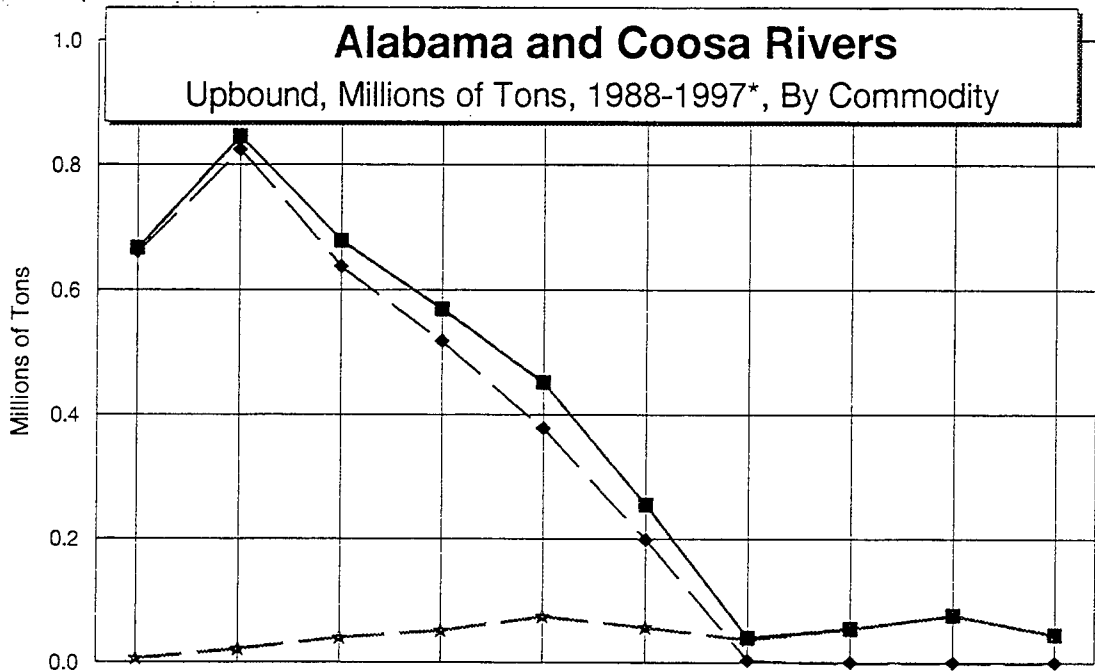
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	1.26	1.19	1.17	1.27	1.33	0.99	1.01	0.75	0.63	0.65
● Wood	0.67	0.81	0.70	0.72	0.88	0.79	0.60	0.68	0.58	0.64
★ Other	0.01	0.02	0.03	0.04	0.04	0.05	0.17	0.06	0.04	0.01
◆ Nonmetal	0.59	0.35	0.45	0.52	0.40	0.15	0.24	0.01	0.01	0.01

6-01-98

*Estimated

Alabama and Coosa Rivers

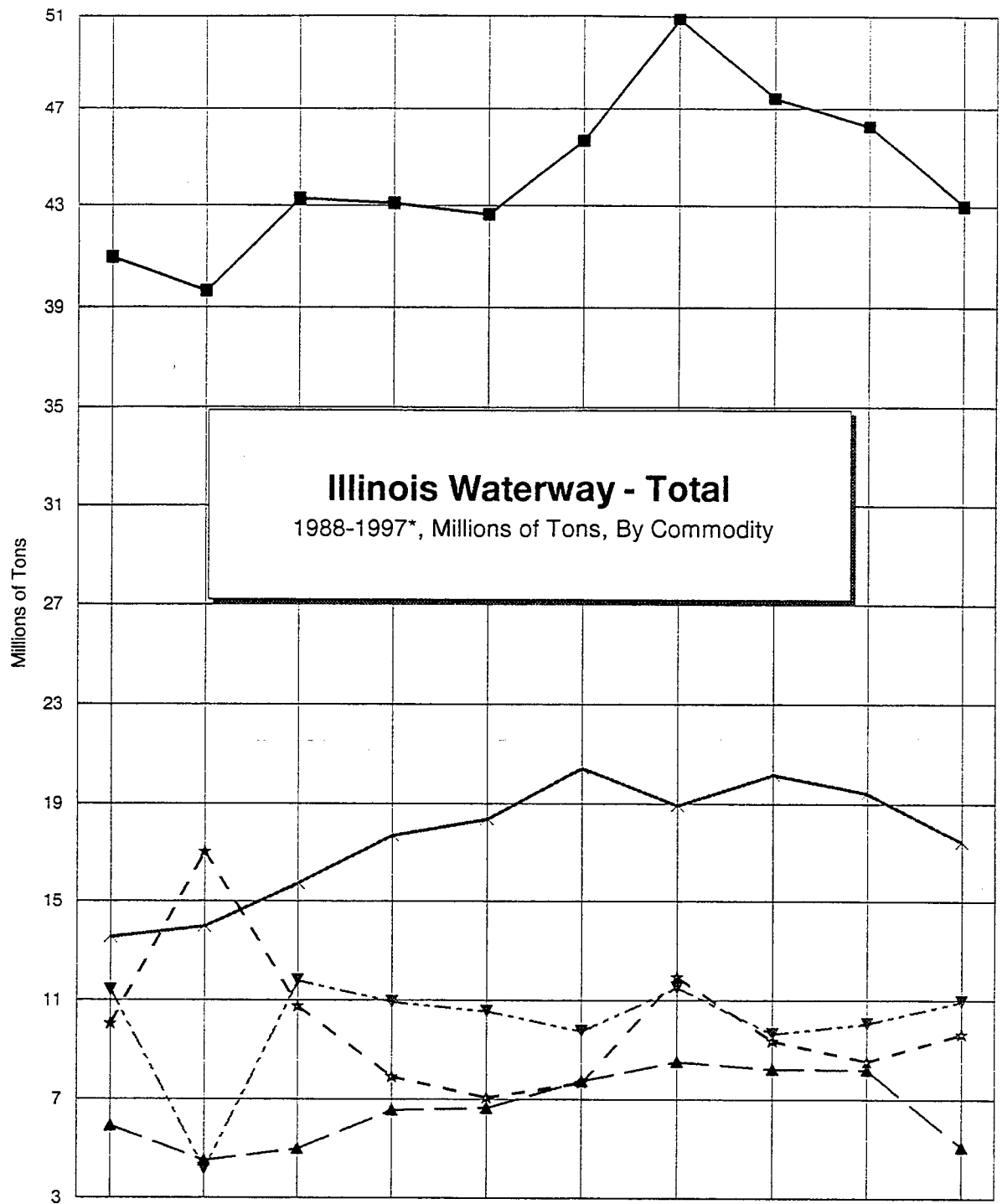
Upbound, Millions of Tons, 1988-1997*, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	0.67	0.85	0.68	0.57	0.45	0.25	0.04	0.05	0.08	0.04
★ Other	0.01	0.02	0.04	0.05	0.07	0.06	0.04	0.05	0.08	0.04
◆ Nonmetal	0.66	0.82	0.64	0.52	0.38	0.20	0.00	0.00	0.00	0.00

6-01-98

*Estimated

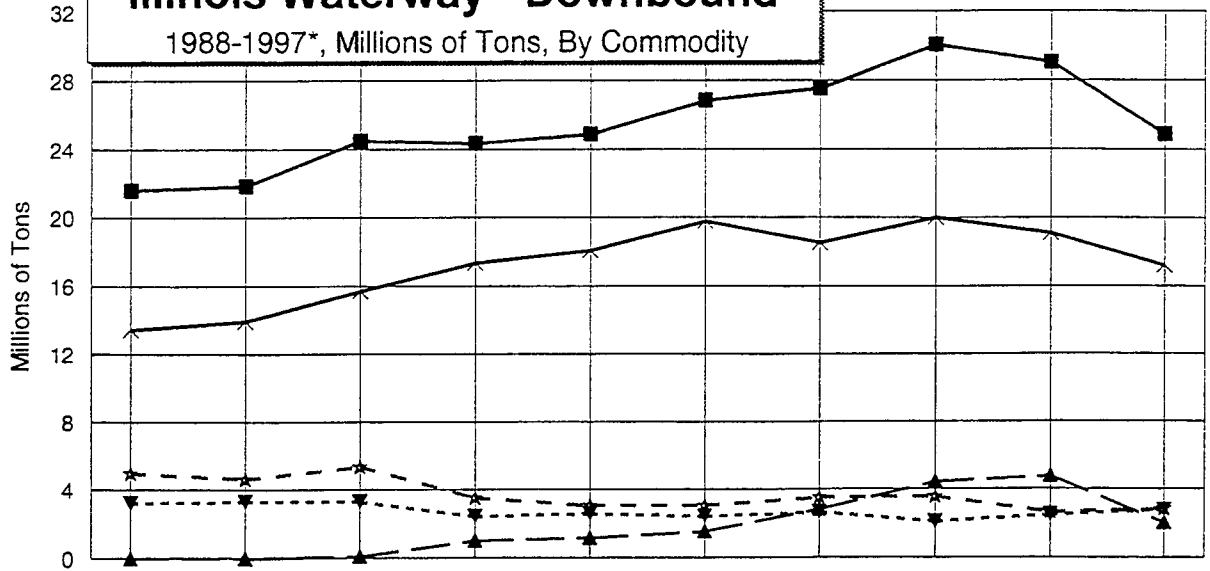


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	40.97	39.67	43.30	43.11	42.67	45.64	50.88	47.43	46.24	43.0
△ Farm	13.56	13.99	15.74	17.68	18.35	20.43	18.91	20.17	19.42	17.4
★ Other	10.07	17.01	10.77	7.92	7.08	7.68	11.93	9.35	8.53	9.7
▼ Petro & Chem	11.41	4.15	11.79	10.94	10.58	9.78	11.51	9.67	10.08	11.0
▲ Coal	5.93	4.53	4.99	6.56	6.66	7.75	8.53	8.24	8.20	5.1

6-08-98 *Estimated

Illinois Waterway - Downbound

1988-1997*, Millions of Tons, By Commodity



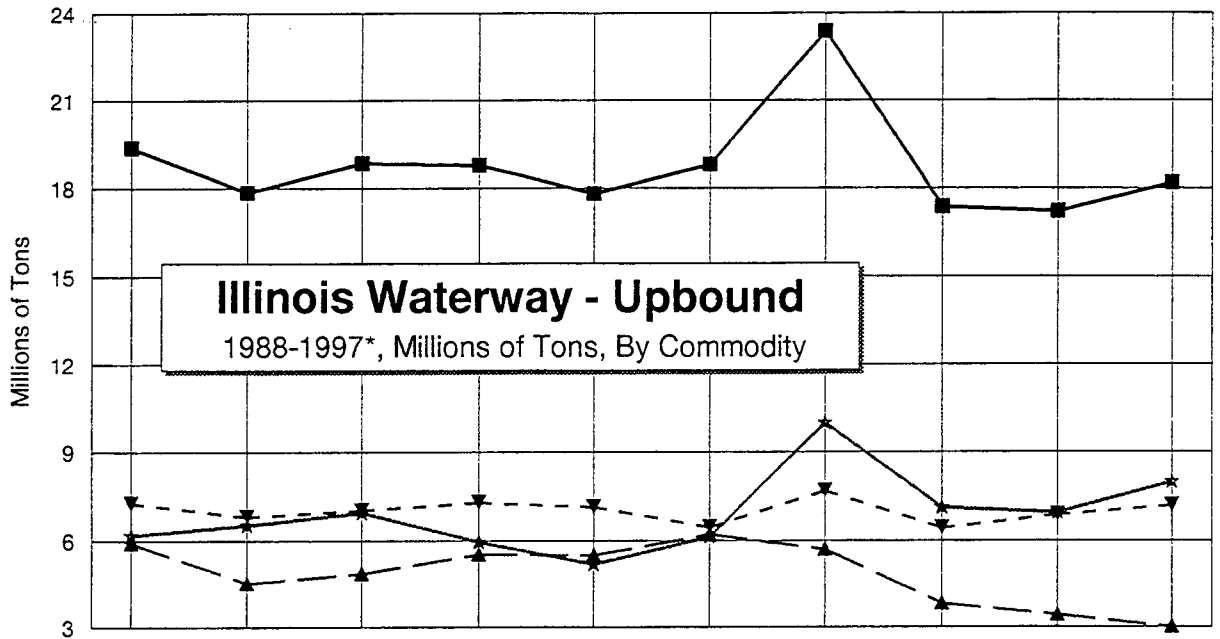
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	21.61	21.83	24.46	24.34	24.86	26.84	27.50	30.05	29.02	24.8
✕ Farm	13.44	13.94	15.72	17.37	18.08	19.81	18.56	20.00	19.10	17.2
▲ Coal	0.00	0.00	0.12	1.02	1.16	1.54	2.82	4.41	4.77	2.1
★ Other	4.95	4.61	5.32	3.51	3.07	3.07	3.50	3.56	2.64	2.8
▼ Petro.	3.22	3.28	3.31	2.43	2.55	2.42	2.63	2.08	2.50	2.8

6-08-98

*Estimated

Illinois Waterway - Upbound

1988-1997*, Millions of Tons, By Commodity



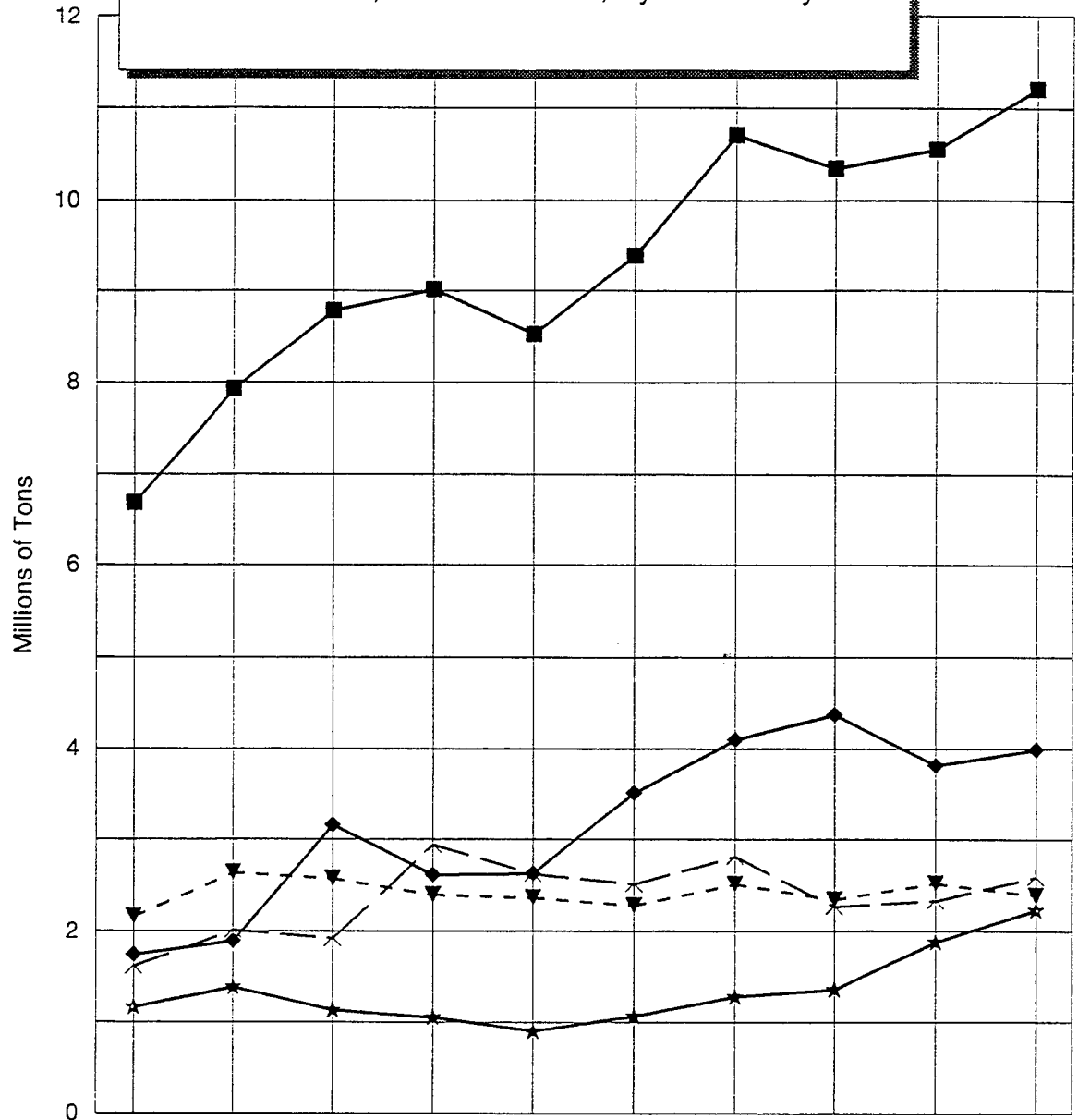
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	19.36	17.84	18.84	18.77	17.81	18.79	23.38	17.38	17.22	18.2
★ Other	6.17	6.51	6.93	5.94	5.18	6.14	9.99	7.11	6.93	8.0
▼ Petro & Chem	7.26	6.80	7.03	7.29	7.13	6.45	7.68	6.44	6.86	7.2
▲ Coal	5.93	4.53	4.87	5.54	5.50	6.21	5.71	3.83	3.43	3.0

6-08-98

*Estimated

McClellan-Kerr Waterway - Total

1988-1997*, Millions of Tons, By Commodity

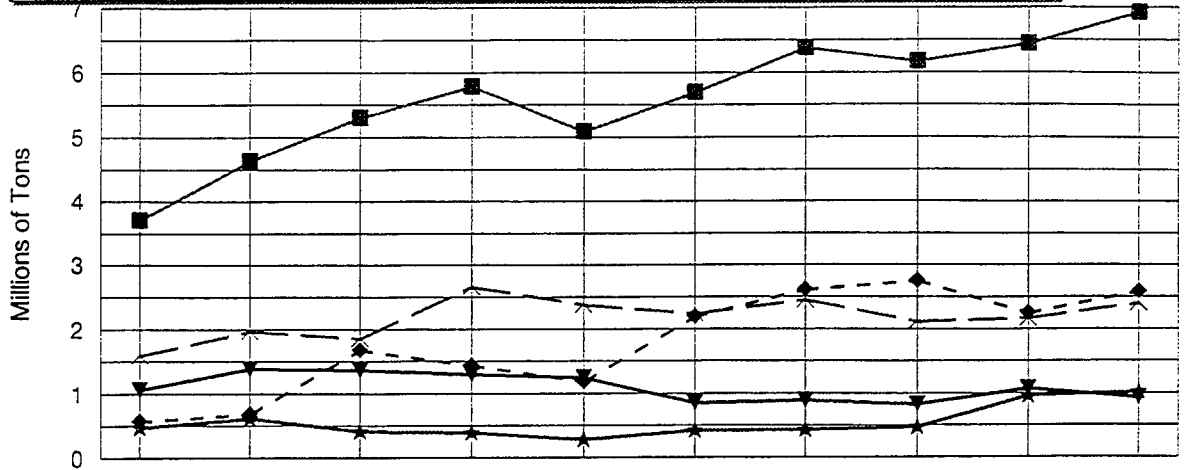


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	6.68	7.93	8.78	9.01	8.53	9.38	10.71	10.35	10.55	11.2
◆ Nonmetal	1.74	1.89	3.16	2.61	2.63	3.52	4.09	4.36	3.82	4.0
△ Farm	1.62	2.01	1.92	2.95	2.62	2.51	2.81	2.27	2.33	2.6
▼ Petro & Chem	2.16	2.64	2.57	2.40	2.37	2.28	2.52	2.35	2.52	2.4
★ Other	1.16	1.39	1.13	1.06	0.90	1.07	1.28	1.36	1.88	2.2

5-28-98 *Estimated

McClellan-Kerr Waterway - Downbound

1988-1997*, Millions of Tons, By Commodity



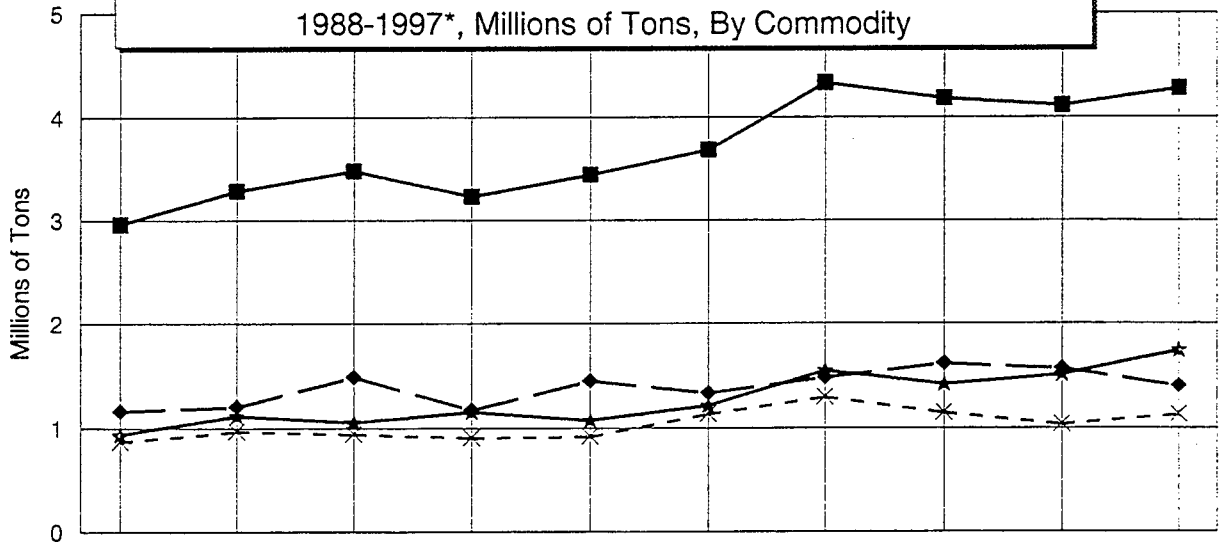
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	3.71	4.64	5.31	5.78	5.09	5.70	6.38	6.17	6.44	6.9
◆ Nonmetal	0.58	0.68	1.67	1.44	1.18	2.18	2.61	2.75	2.25	2.6
△ Farm	1.60	1.97	1.86	2.66	2.38	2.24	2.45	2.12	2.17	2.4
▼ Petro & Chem	1.06	1.38	1.36	1.29	1.24	0.85	0.88	0.82	1.07	0.9
★ Other	0.48	0.61	0.41	0.40	0.29	0.42	0.43	0.48	0.96	1.0

5-28-98

*Estimated

McClellan-Kerr Waterway - Upbound

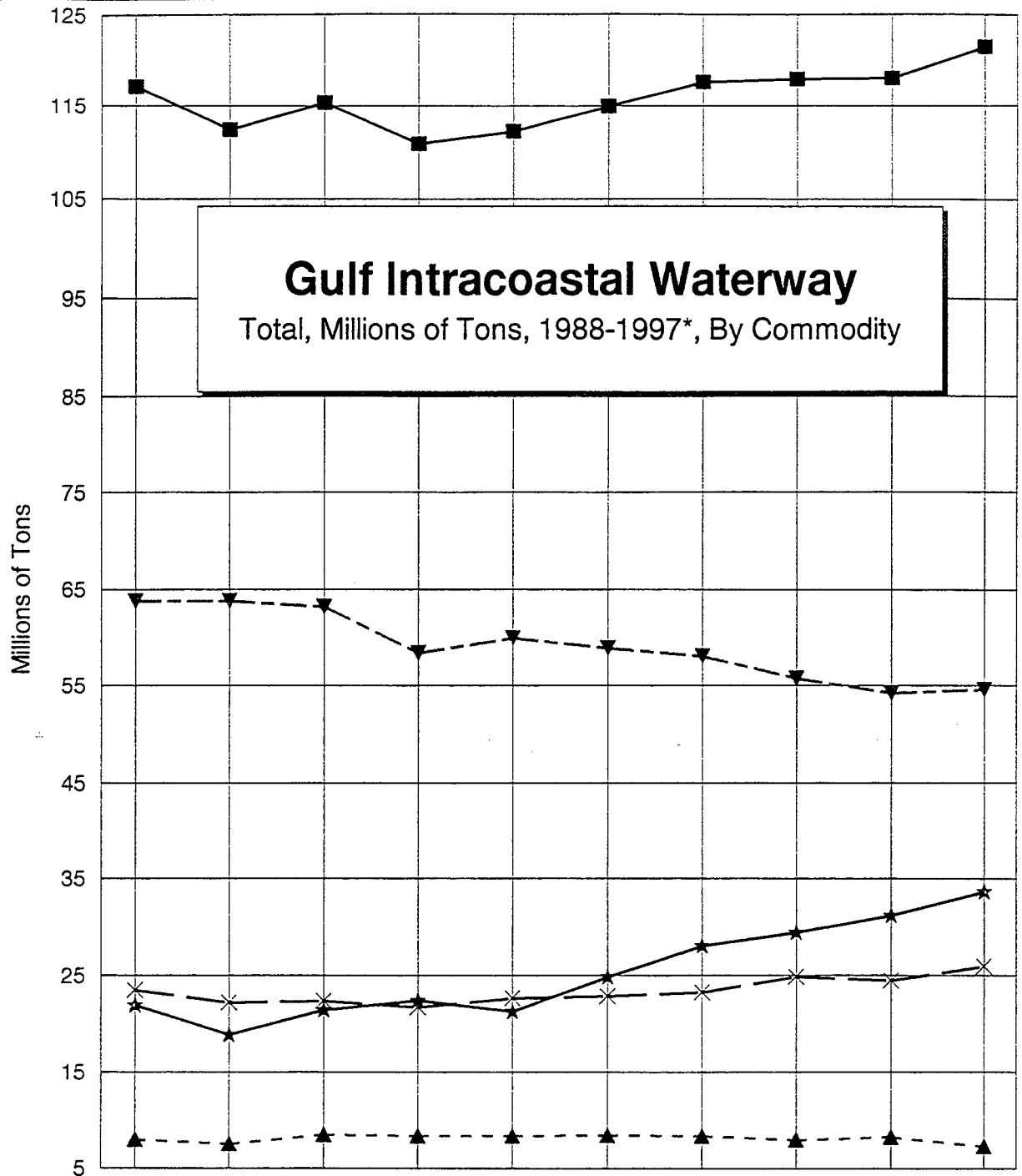
1988-1997*, Millions of Tons, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	2.96	3.29	3.48	3.23	3.44	3.68	4.33	4.18	4.11	4.3
◆ Nonmetal	1.16	1.20	1.49	1.17	1.45	1.33	1.48	1.61	1.56	1.4
★ Other	0.94	1.11	1.05	1.16	1.07	1.22	1.55	1.42	1.51	1.7
× Chemical	0.87	0.97	0.94	0.90	0.92	1.13	1.30	1.15	1.03	1.1

5-28-98

*Estimated

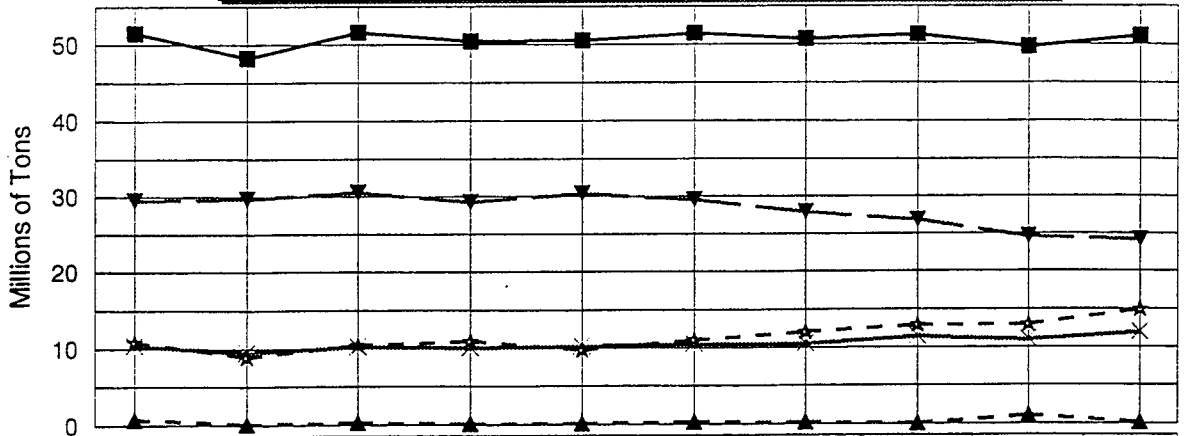


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	117.10	112.36	115.38	110.83	112.19	114.94	117.61	117.96	118.03	121.5
▼ Petro	63.79	63.76	63.19	58.38	59.93	58.89	58.06	55.69	54.18	54.6
★ Other	21.87	18.87	21.41	22.39	21.26	24.80	28.02	29.42	31.17	33.6
× Chemical	23.45	22.20	22.33	21.70	22.61	22.85	23.19	24.85	24.41	25.9
▲ Coal	7.99	7.52	8.45	8.35	8.38	8.41	8.34	8.01	8.27	7.3

6-19-98 Domestic Tonnage *Estimated

Gulf Intracoastal Waterway

Westbound, Millions of Tons, 1988-1997*, By Commodity

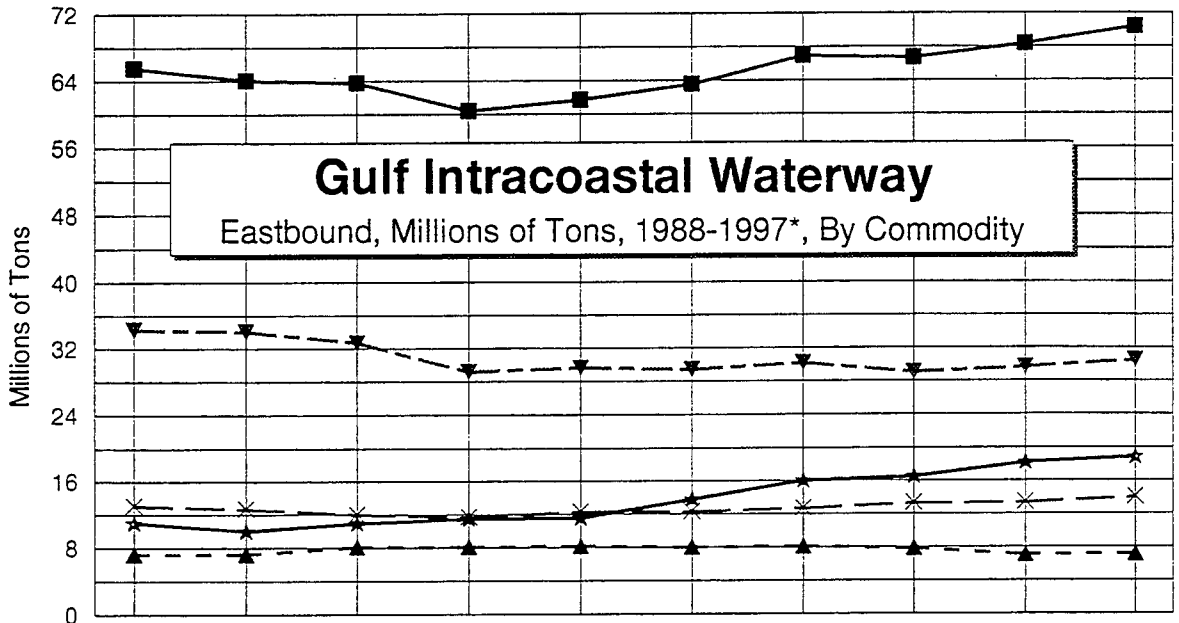


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	51.53	48.25	51.57	50.43	50.51	51.43	50.69	51.24	49.68	51.1
▼ Petro	29.54	29.69	30.52	29.23	30.38	29.54	27.91	26.77	24.56	24.1
★ Other	10.83	8.85	10.43	10.94	9.69	11.02	12.00	12.89	12.98	14.9
× Chemical	10.39	9.45	10.27	10.03	10.28	10.51	10.50	11.47	10.99	11.9
▲ Coal	0.77	0.26	0.35	0.23	0.16	0.36	0.27	0.11	1.16	0.2

6-19-98 Domestic Tonnage *Estimated

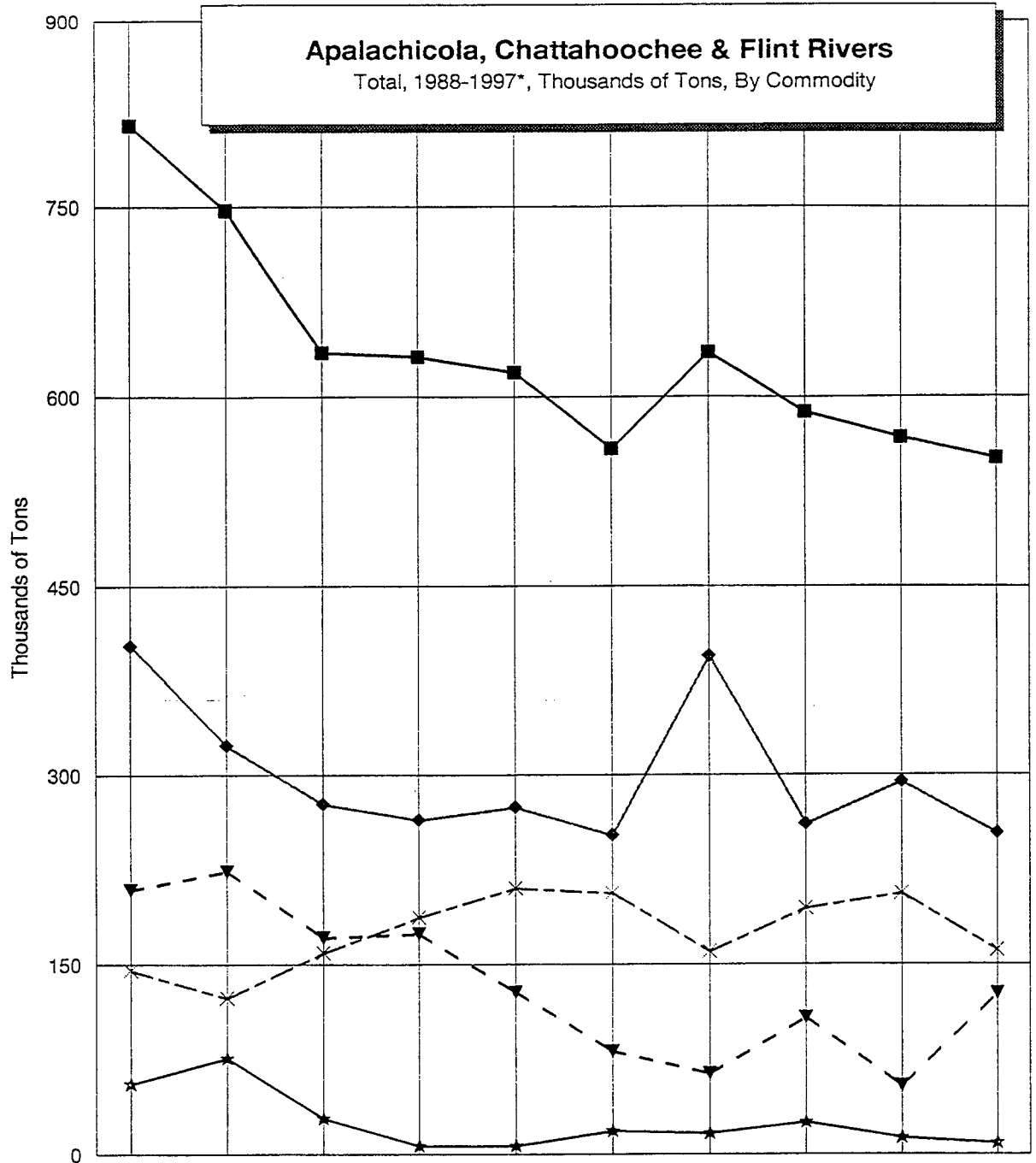
Gulf Intracoastal Waterway

Eastbound, Millions of Tons, 1988-1997*, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	65.57	64.11	63.82	60.39	61.68	63.51	66.92	66.72	68.35	70.4
▼ Petro	34.25	34.07	32.67	29.14	29.56	29.35	30.14	28.92	29.61	30.5
★ Other	11.04	10.02	10.98	11.45	11.56	13.78	16.02	16.52	18.19	18.8
× Chemical	13.07	12.75	12.06	11.67	12.34	12.33	12.69	13.38	13.43	14.0
▲ Coal	7.21	7.26	8.10	8.12	8.22	8.05	8.07	7.89	7.11	7.2

6-18-98 Domestic Tonnage *Estimated

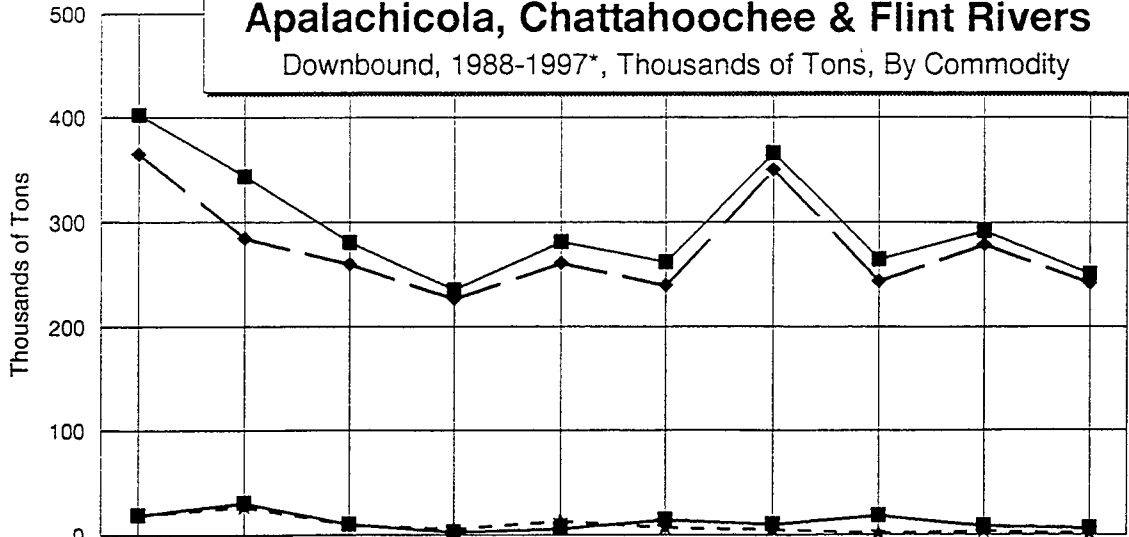


5-29-98

*Estimated

Apalachicola, Chattahoochee & Flint Rivers

Downbound, 1988-1997*, Thousands of Tons, By Commodity

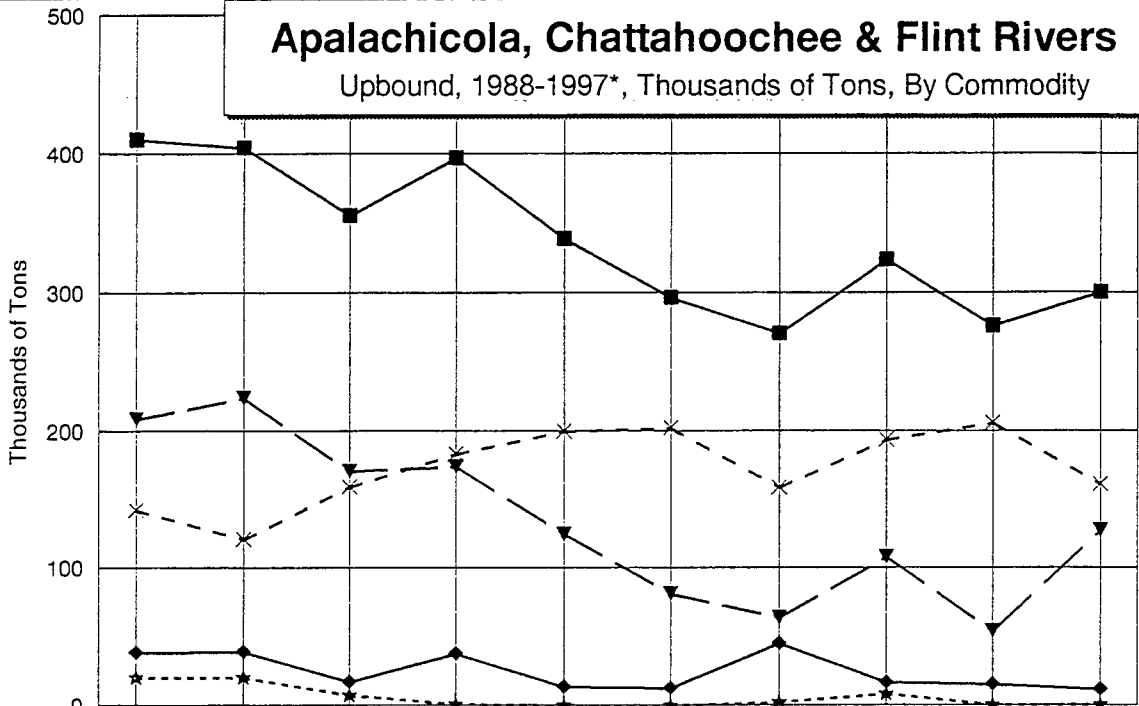


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	402	343	281	236	282	263	366	265	292	251
◆ Nonmetal	364	284	260	226	261	240	349	244	279	242
■ Farm	19	31	11	3	7	15	10	19	9	7
★ Other	19	27	10	6	14	8	6	2	4	2

5-29-98 *Estimated

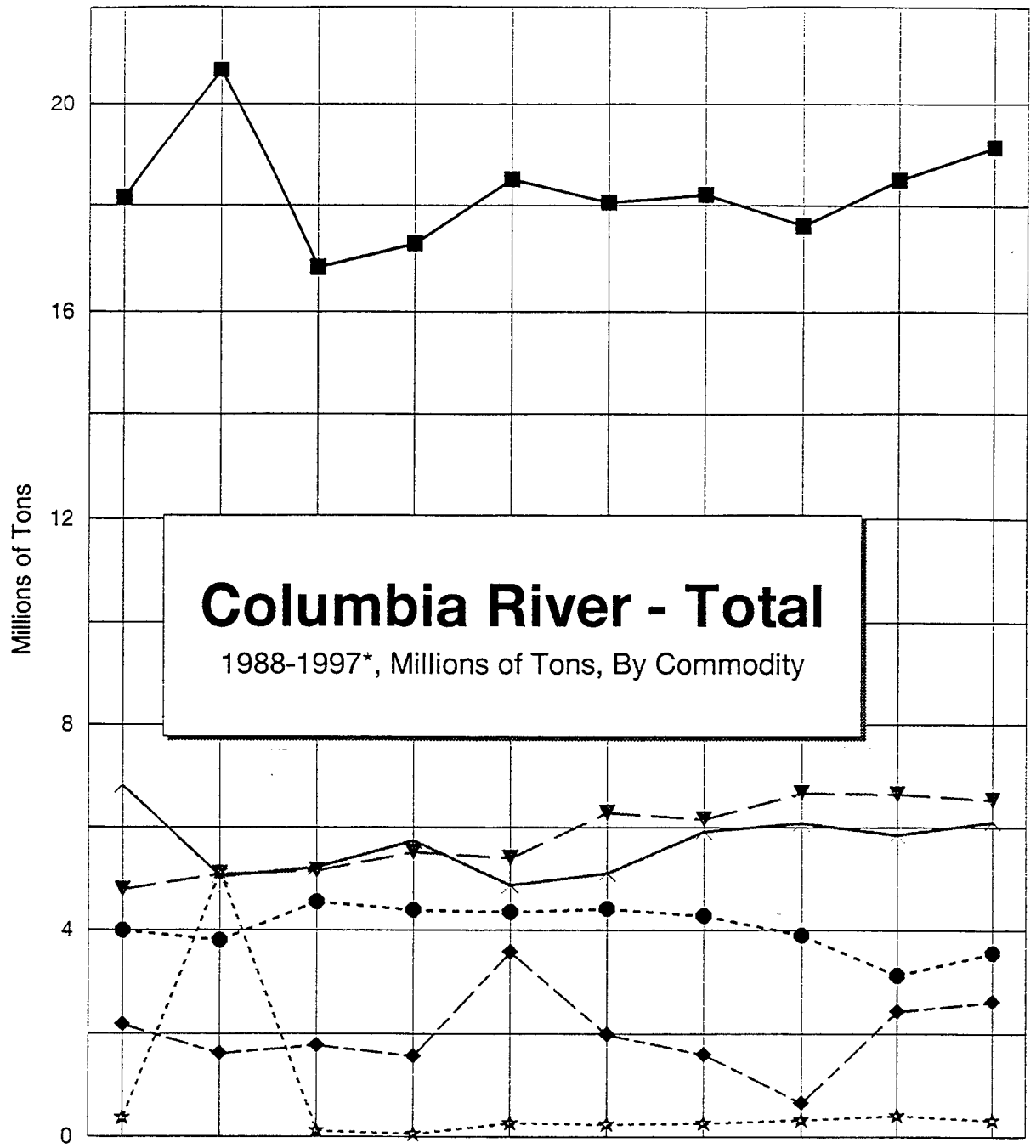
Apalachicola, Chattahoochee & Flint Rivers

Upbound, 1988-1997*, Thousands of Tons, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	410	404	355	396	338	296	270	324	276	300
X Chemical	142	121	159	183	200	202	159	194	206	161
▼ Petro	208	223	171	174	125	81	64	108	54	127
◆ Nonmetal	39	39	17	38	14	13	45	17	15	12
★ Other	20	21	8	1	0	0	2	9	0	0

5-29-98 *Estimated

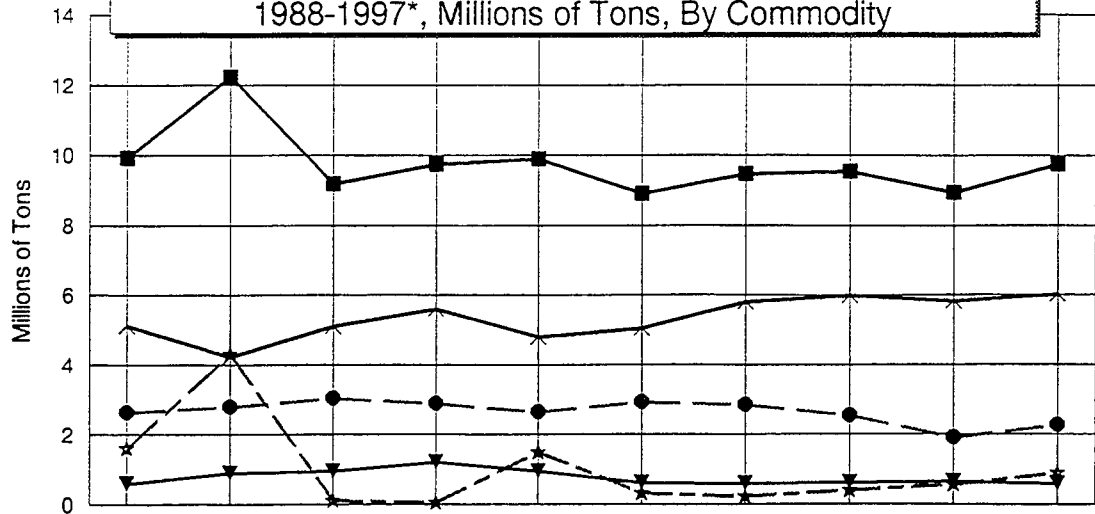


Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	18.15	20.71	16.84	17.28	18.49	18.05	18.21	17.62	18.48	19.1
▼ Petro & Chem	4.79	5.10	5.16	5.52	5.40	6.28	6.15	6.65	6.64	6.5
△ Farm	6.81	5.05	5.23	5.75	4.88	5.11	5.91	6.07	5.86	6.1
● Wood	3.99	3.80	4.55	4.39	4.35	4.41	4.28	3.90	3.13	3.6
◆ Nonmetal	2.18	1.62	1.78	1.56	3.58	1.99	1.60	0.66	2.44	2.6
★ Other	0.38	5.13	0.13	0.06	0.27	0.26	0.27	0.33	0.42	0.3

5-27-98 Domestic Tonnage *Estimated

Columbia River - Downbound

1988-1997*, Millions of Tons, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	9.94	12.23	9.18	9.73	9.88	8.90	9.47	9.53	8.94	9.7
▲ Farm	5.12	4.23	5.10	5.59	4.80	5.03	5.81	5.99	5.81	6.0
● Wood	2.63	2.79	3.03	2.89	2.66	2.94	2.85	2.54	1.92	2.3
▼ Petro & Chem	0.59	0.89	0.94	1.20	0.94	0.61	0.59	0.61	0.65	0.6
★ Other	1.60	4.31	0.11	0.05	1.48	0.32	0.23	0.39	0.56	0.9

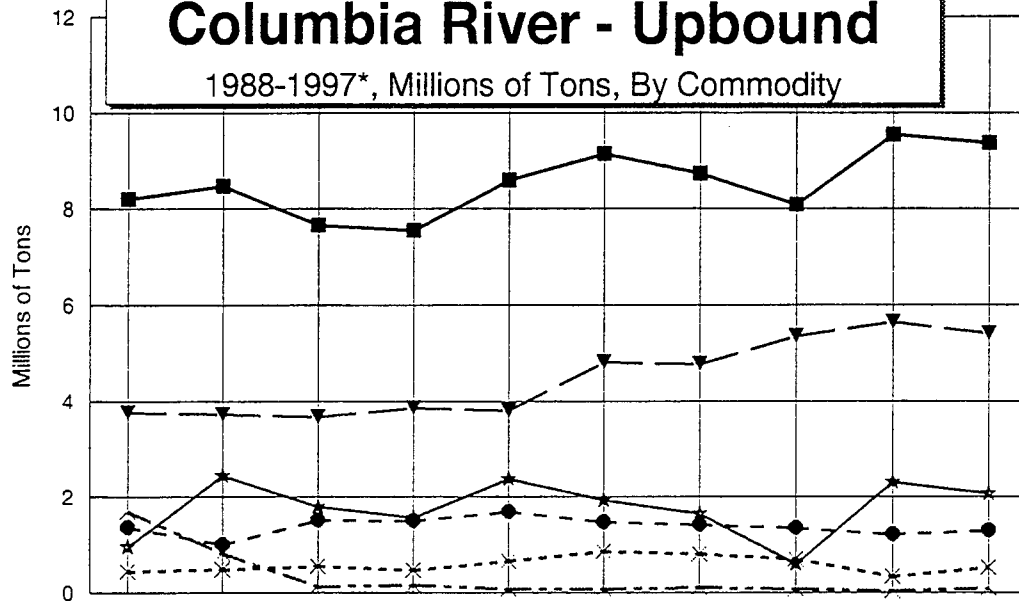
5-27-98

Domestic Tonnage

*Estimated

Columbia River - Upbound

1988-1997*, Millions of Tons, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	8.21	8.47	7.66	7.55	8.60	9.15	8.73	8.09	9.54	9.4
▼ Petro	3.76	3.72	3.67	3.86	3.81	4.82	4.77	5.35	5.65	5.4
★ Other	0.96	2.44	1.79	1.57	2.37	1.92	1.64	0.61	2.30	2.1
● Wood	1.36	1.00	1.52	1.50	1.69	1.48	1.43	1.36	1.21	1.3
× Chemical	0.44	0.49	0.55	0.46	0.66	0.85	0.79	0.69	0.34	0.5
▲ Farm	1.69	0.82	0.13	0.15	0.08	0.07	0.10	0.08	0.04	0.1

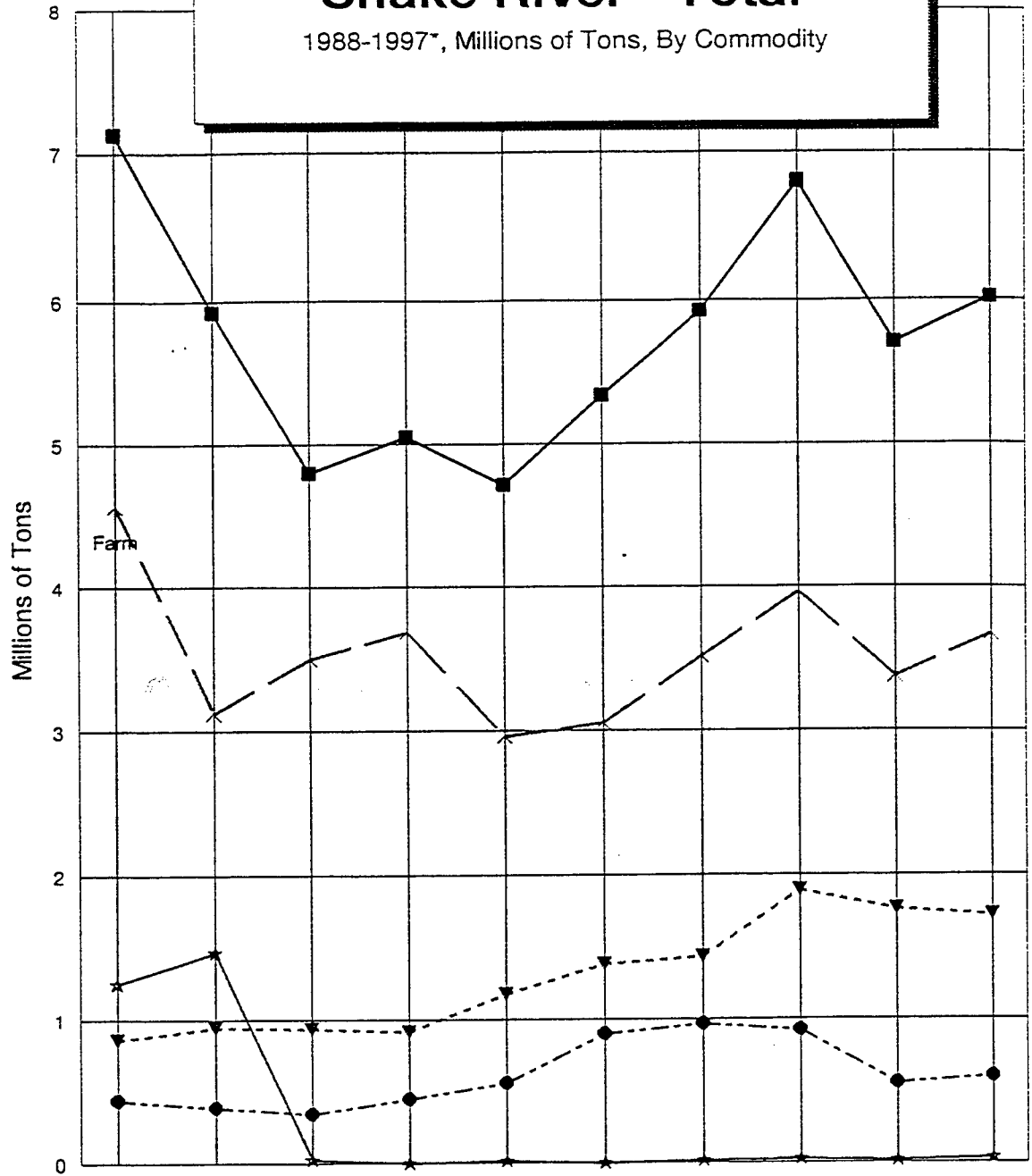
5-27-98

Domestic Tonnage

*Estimated

Snake River - Total

1988-1997*, Millions of Tons, By Commodity



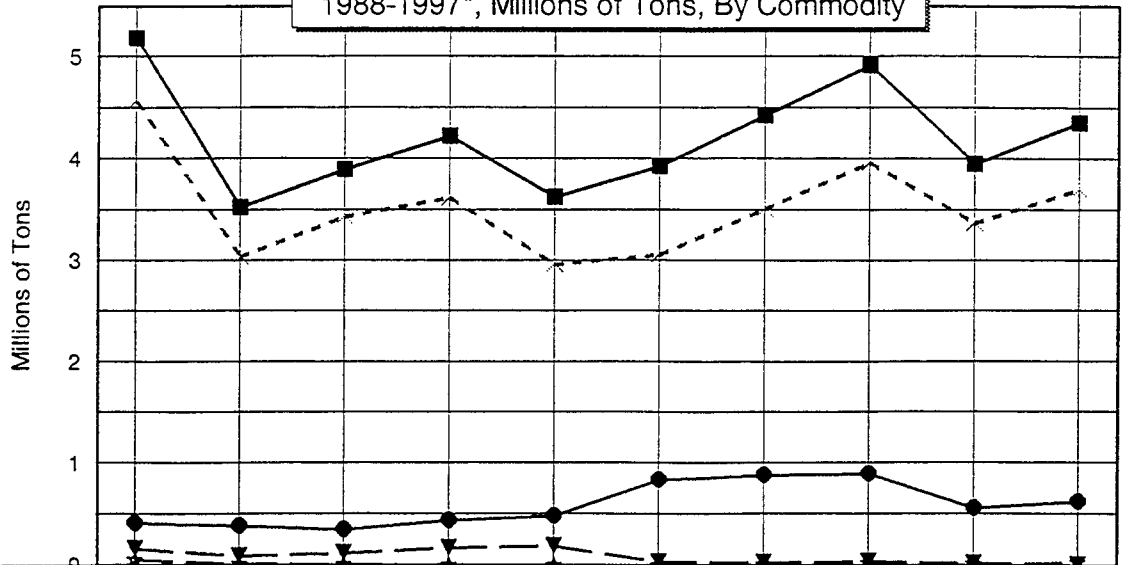
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	7.13	5.92	4.80	5.05	4.72	5.34	5.93	6.80	5.71	6.0
△ Farm	4.57	3.12	3.50	3.68	2.96	3.06	3.51	3.96	3.37	3.7
▽ Petro & Chem	0.86	0.94	0.93	0.92	1.18	1.38	1.43	1.89	1.76	1.7
● Wood	0.44	0.39	0.35	0.45	0.56	0.90	0.96	0.92	0.56	0.6
★ Other	1.25	1.47	0.03	0.01	0.02	0.00	0.02	0.03	0.02	0.0

5-26-98

*Estimated

Snake River - Downbound

1988-1997*, Millions of Tons, By Commodity



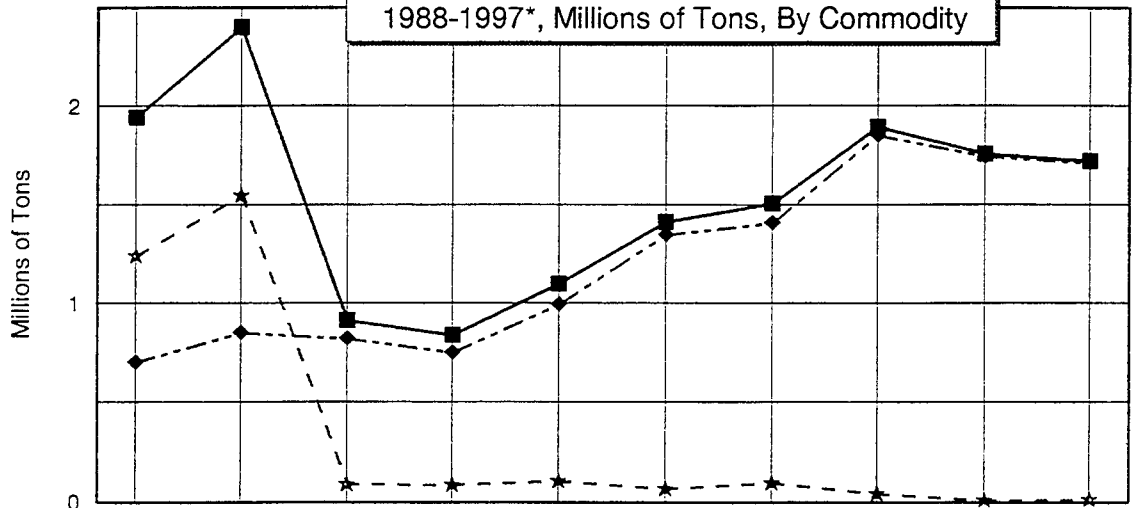
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	5.18	3.52	3.89	4.22	3.62	3.93	4.42	4.91	3.95	4.4
▲ Farm	4.56	3.04	3.43	3.62	2.96	3.06	3.51	3.96	3.37	3.7
● Wood	0.41	0.38	0.34	0.43	0.48	0.84	0.88	0.89	0.55	0.6
▼ Petro & Chem	0.16	0.09	0.11	0.17	0.18	0.03	0.03	0.04	0.02	0.0
★ Other	0.05	0.02	0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.0

5-26-98

*Estimated

Snake River - Upbound

1988-1997*, Millions of Tons, By Commodity



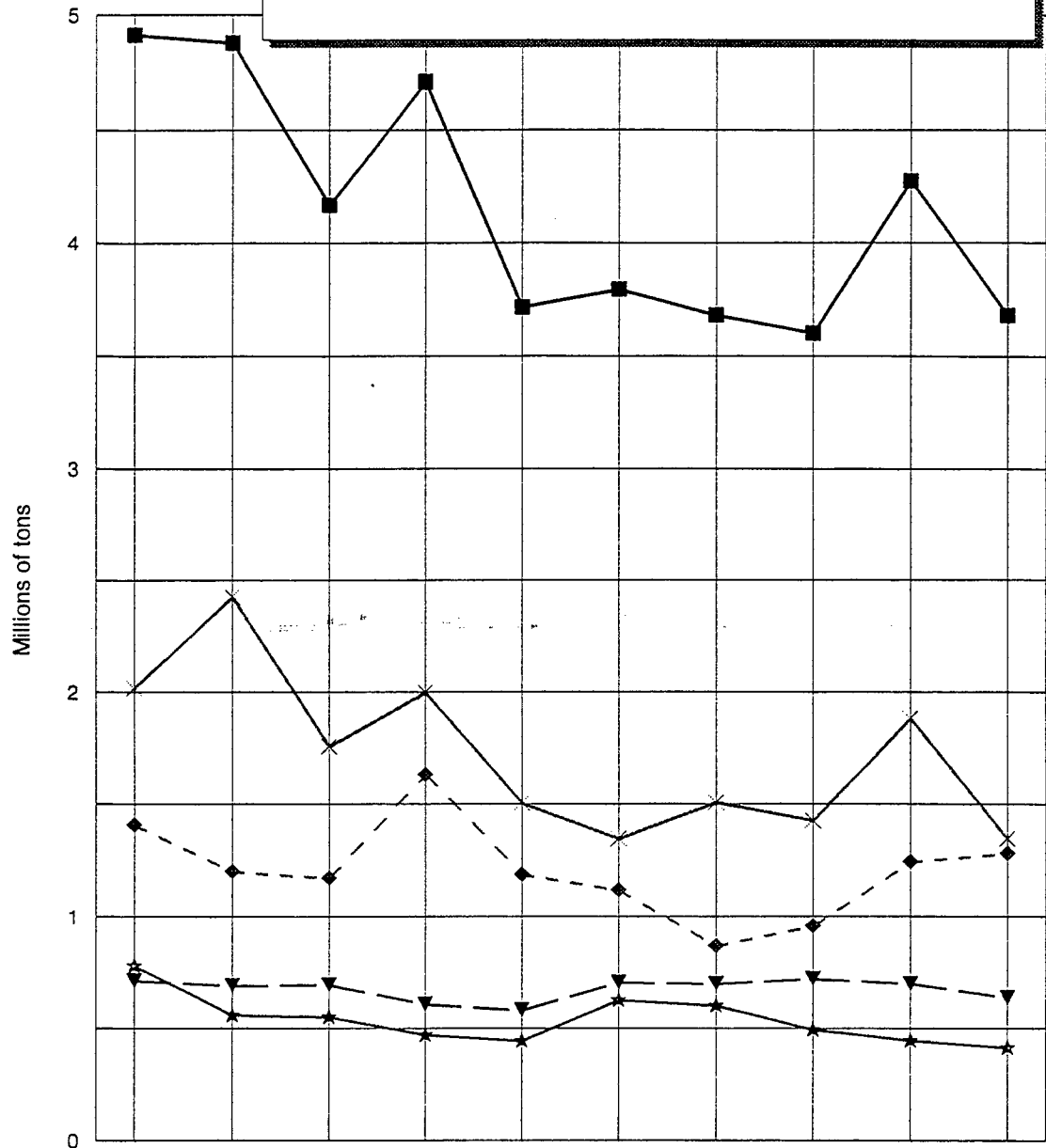
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	1.94	2.40	0.91	0.84	1.10	1.41	1.51	1.89	1.76	1.7
◆ Petro & Chem	0.70	0.85	0.82	0.75	0.99	1.35	1.41	1.85	1.74	1.7
★ Other	1.24	1.55	0.09	0.09	0.11	0.07	0.10	0.04	0.01	0.0

5-26-98

*Estimated

Atlantic Intracoastal Waterway

Total, 1988-1997*, Millions of Tons, By Commodity



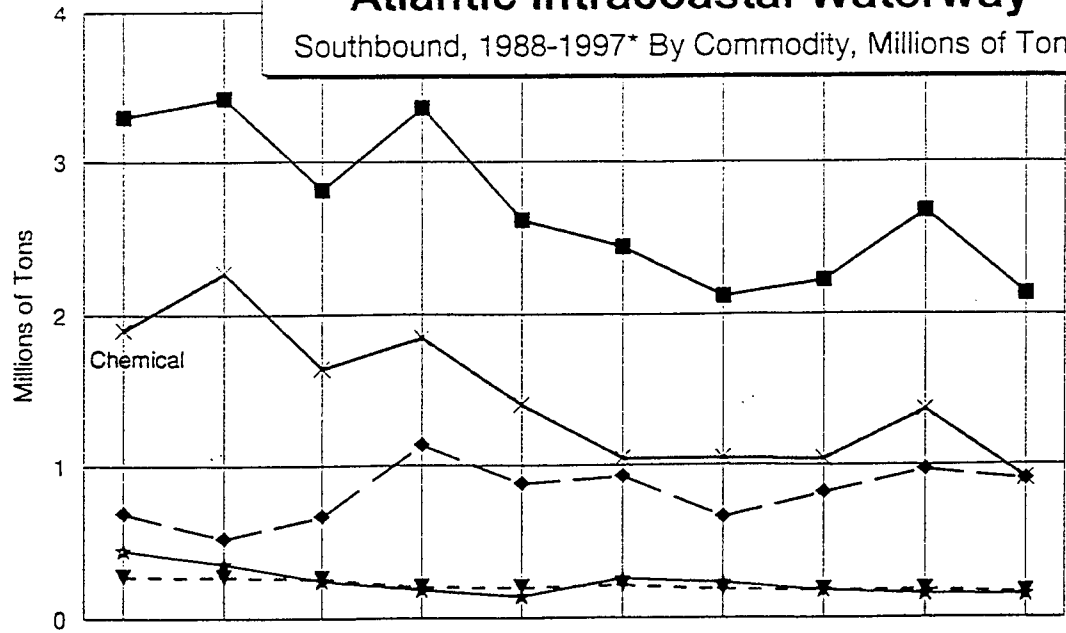
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	4.91	4.88	4.17	4.71	3.71	3.79	3.68	3.60	4.27	3.7
× Chemical	2.02	2.42	1.76	2.00	1.50	1.35	1.51	1.42	1.88	1.3
◆ Nonmetal	1.41	1.20	1.17	1.63	1.19	1.12	0.87	0.96	1.24	1.3
▼ Petro	0.71	0.69	0.69	0.61	0.58	0.70	0.70	0.72	0.70	0.6
★ Other	0.78	0.56	0.55	0.47	0.44	0.63	0.60	0.50	0.45	0.4

6-19-98

*Estimated

Atlantic Intracoastal Waterway

Southbound, 1988-1997* By Commodity, Millions of Tons



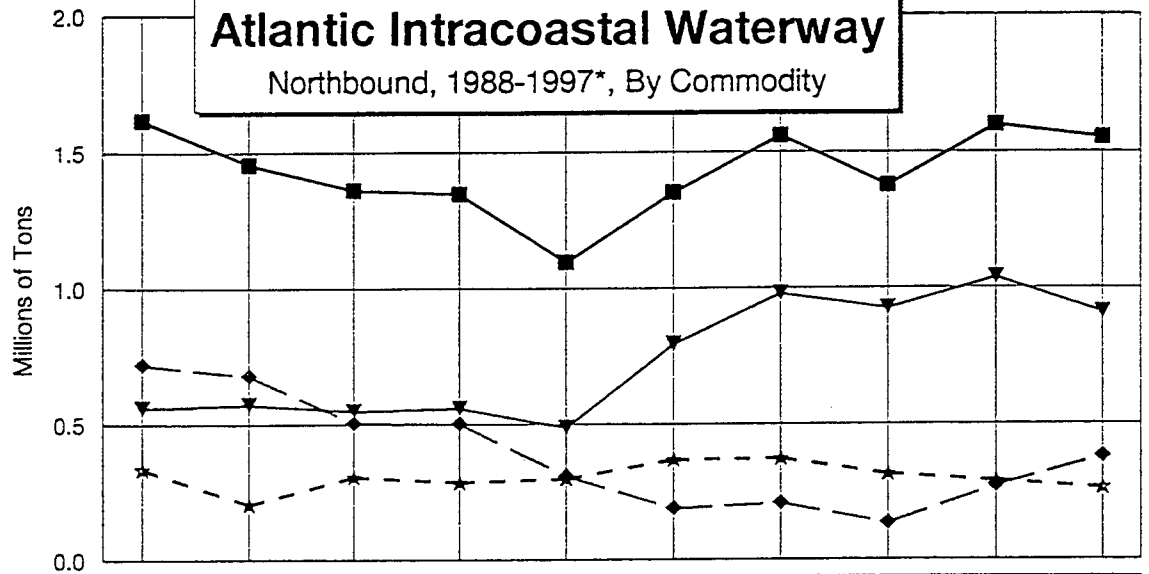
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	3.30	3.42	2.81	3.36	2.62	2.44	2.12	2.22	2.68	2.1
× Chemical	1.89	2.27	1.63	1.84	1.39	1.04	1.04	1.04	1.36	0.9
◆ Nonmetal	0.69	0.52	0.67	1.13	0.88	0.93	0.66	0.82	0.97	0.9
▼ Petro	0.27	0.27	0.26	0.21	0.20	0.22	0.19	0.18	0.19	0.2
★ Other	0.44	0.35	0.24	0.19	0.14	0.26	0.23	0.18	0.16	0.2

6-19-98

*Estimated

Atlantic Intracoastal Waterway

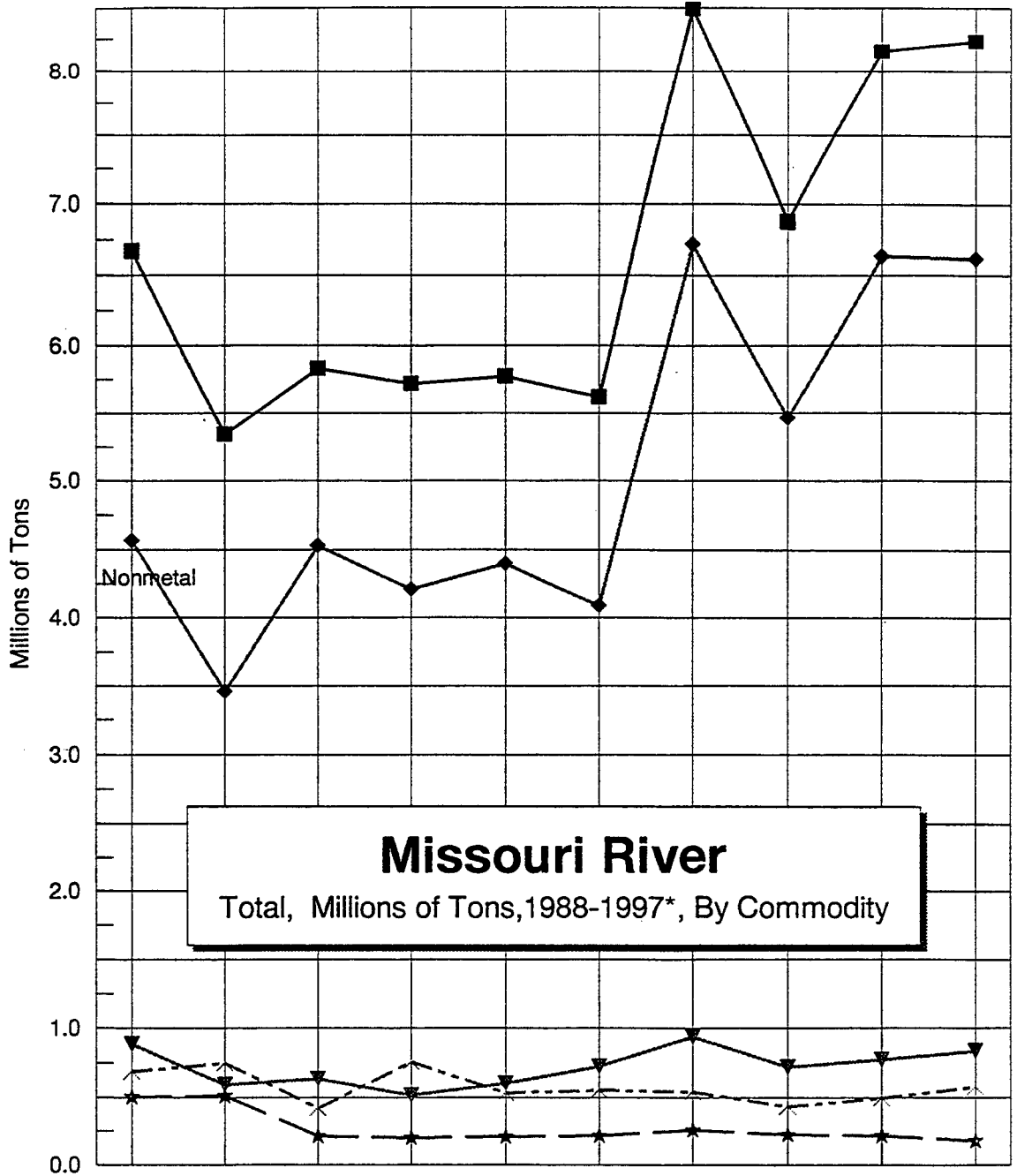
Northbound, 1988-1997*, By Commodity



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	1.62	1.46	1.36	1.35	1.10	1.35	1.56	1.38	1.60	1.6
▼ Petro & Chem	0.56	0.57	0.55	0.56	0.49	0.79	0.98	0.92	1.04	0.9
★ Other	0.34	0.21	0.31	0.29	0.30	0.37	0.37	0.32	0.29	0.3
◆ Nonmetal	0.72	0.68	0.50	0.50	0.31	0.19	0.21	0.14	0.27	0.4

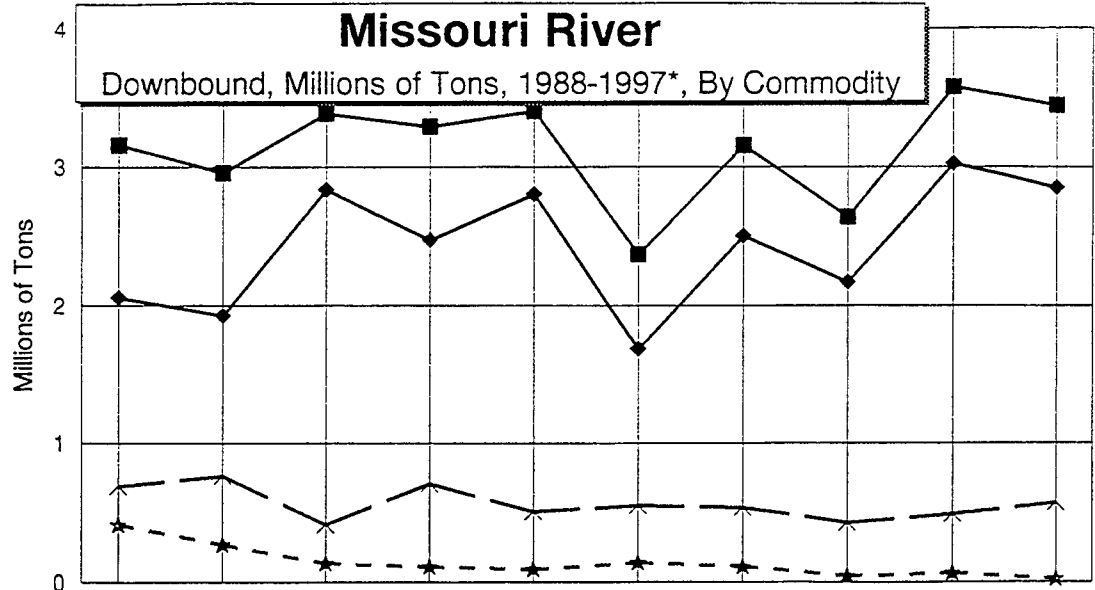
6-19-98

*Estimated



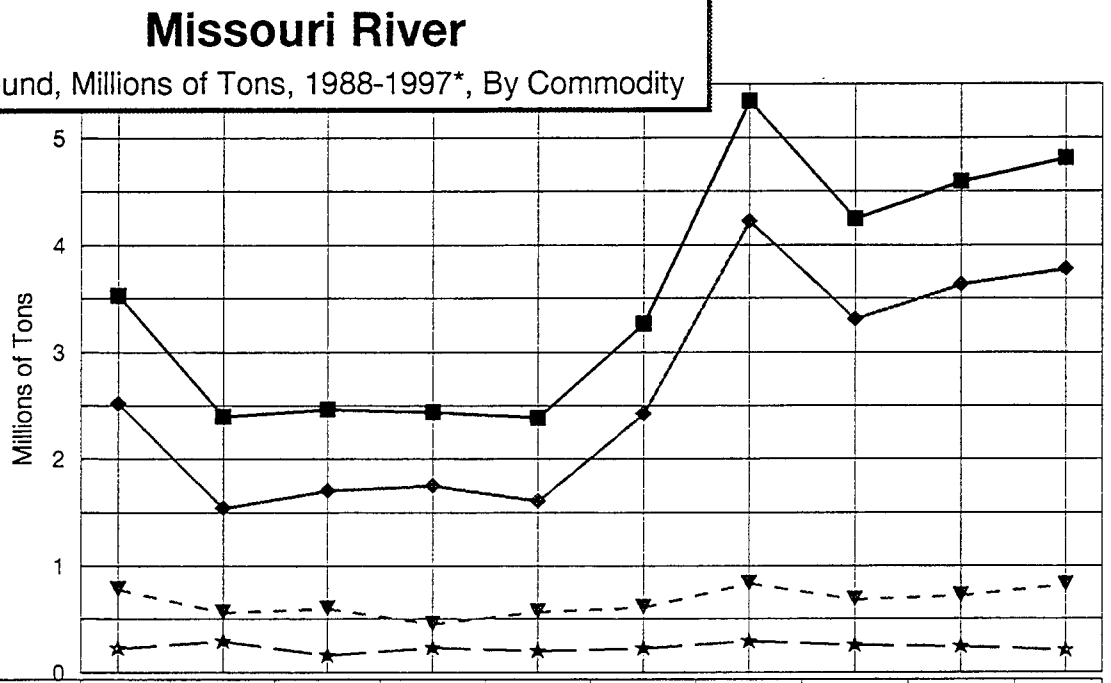
Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	6.68	5.35	5.84	5.73	5.78	5.63	8.50	6.88	8.17	8.2
◆ Nonmetal	4.58	3.47	4.54	4.22	4.41	4.10	6.73	5.47	6.65	6.6
▼ Petro & Chem	0.90	0.60	0.65	0.53	0.61	0.74	0.95	0.73	0.79	0.8
△ Farm	0.70	0.76	0.43	0.77	0.54	0.56	0.55	0.44	0.50	0.6
★ Other	0.51	0.52	0.22	0.21	0.22	0.23	0.27	0.24	0.23	0.2

6-08-98 *Estimated



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	3.16	2.96	3.38	3.29	3.40	2.37	3.15	2.64	3.57	3.4
◆ Nonmetal	2.06	1.93	2.84	2.47	2.80	1.68	2.51	2.17	3.02	2.9
▲ Farm	0.69	0.76	0.41	0.70	0.50	0.55	0.53	0.42	0.49	0.6
★ Other	0.41	0.27	0.14	0.11	0.09	0.14	0.11	0.05	0.06	0.0

6-08-98 *Estimated



Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997*
■ Total	3.52	2.40	2.46	2.44	2.38	3.26	5.35	4.24	4.59	4.8
◆ Nonmetal	2.52	1.54	1.70	1.75	1.60	2.42	4.22	3.30	3.63	3.8
▼ Petro & Chem	0.78	0.56	0.60	0.46	0.57	0.61	0.84	0.68	0.72	0.8
★ Other	0.23	0.29	0.16	0.24	0.20	0.23	0.29	0.26	0.24	0.2

6-08-98 *Estimated

