

2025 Data Update¹

Southern Stock of Monkfish, *Lophius americanus*

Prepared by the Population Dynamics Branch of the Northeast Fisheries Science Center

July 29, 2025

¹All data were queried on the date of the report.

Table of contents

Catch	4
Survey	8

List of Figures

1	Total catch in metric tons (MT) of Southern Monkfish from calendar year 1964 through 2024. Landings begin in 1964 and discards begin in 1980.	4
2	Landings (MT) and discards (MT) of Southern Monkfish from calendar year 1964 through 2024. Landings begin in 1964 and discards begin in 1980.	4
3	Bottom Trawl Survey Index of Southern Monkfish from 1963 through 2025. Units in Biomass (kg/tow). Gray-shaded area represents the 90% confidence interval. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.	8
4	Stratified Mean Indices at Length for the Bottom Trawl Survey of Southern Monkfish from 1963 through 2025. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.	9
5	Stratified Mean Indices at Length for the Bottom Trawl Survey of Southern Monkfish from 2017 through 2025. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.	10

List of Tables

1	Landings, discards, and total catch of Southern Monkfish, in metric tons (MT), from calendar year 1964 through 2024.	5
2	Bottom Trawl Survey Index of Southern Monkfish from 1963 through 2025. Units in Biomass (kg/tow). Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.	11

Catch

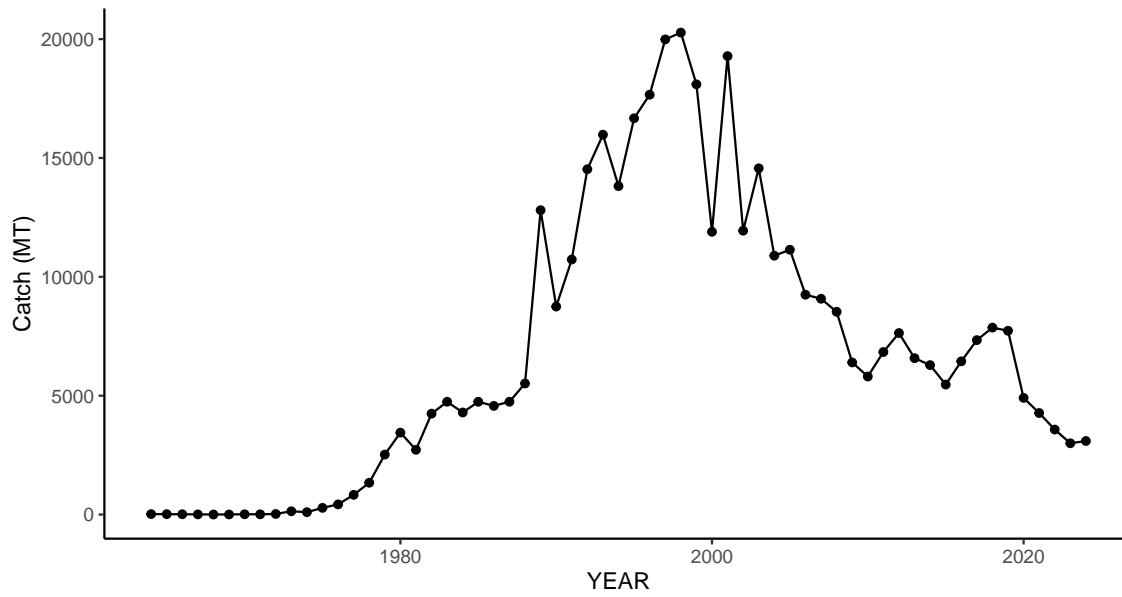


Figure 1: Total catch in metric tons (MT) of Southern Monkfish from calendar year 1964 through 2024. Landings begin in 1964 and discards begin in 1980.

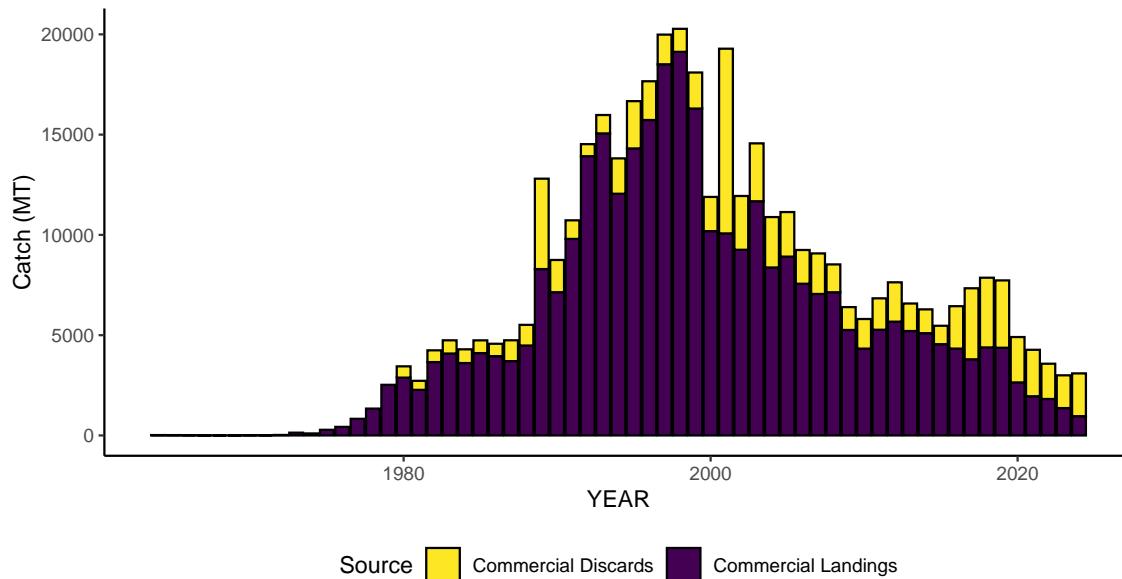


Figure 2: Landings (MT) and discards (MT) of Southern Monkfish from calendar year 1964 through 2024. Landings begin in 1964 and discards begin in 1980.

Table 1: Landings, discards, and total catch of Southern Monkfish, in metric tons (MT), from calendar year 1964 through 2024.

Year	Landings (MT)	Discards (MT)	Total Catch (MT)
1964	19		19
1965	17		17
1966	13		13
1967	8		8
1968	2		2
1969	4		4
1970	12		12
1971	10		10
1972	24		24
1973	139		139
1974	100		100
1975	282		282
1976	428		428
1977	829		829
1978	1,338		1,338
1979	2,524		2,524
1980	2,884	563	3,446
1981	2,274	451	2,725
1982	3,658	586	4,244
1983	4,085	659	4,745
1984	3,610	684	4,294
1985	4,107	636	4,743
1986	3,954	618	4,571
1987	3,706	1,039	4,746
1988	4,483	1,030	5,514
1989	8,296	4,507	12,803
1990	7,142	1,608	8,750
1991	9,800	927	10,727
1992	13,925	600	14,525

Year	Landings (MT)	Discards (MT)	Total Catch (MT)
1993	15,061	918	15,979
1994	12,052	1,764	13,816
1995	14,311	2,359	16,671
1996	15,729	1,932	17,661
1997	18,508	1,480	19,987
1998	19,128	1,148	20,276
1999	16,300	1,797	18,097
2000	10,188	1,706	11,895
2001	10,074	9,210	19,285
2002	9,259	2,682	11,941
2003	11,679	2,886	14,565
2004	8,374	2,515	10,889
2005	8,917	2,222	11,140
2006	7,565	1,683	9,248
2007	7,055	2,023	9,078
2008	7,139	1,390	8,529
2009	5,260	1,139	6,399
2010	4,330	1,476	5,806
2011	5,271	1,566	6,837
2012	5,674	1,962	7,636
2013	5,207	1,372	6,579
2014	5,099	1,188	6,287
2015	4,550	919	5,468
2016	4,331	2,114	6,445
2017	3,796	3,543	7,338
2018	4,388	3,476	7,864
2019	4,373	3,358	7,732
2020	2,644	2,263	4,907
2021	1,954	2,317	4,271
2022	1,818	1,758	3,576
2023	1,364	1,634	2,999
2024	961	2,134	3,094

Year	Landings (MT)	Discards (MT)	Total Catch (MT)
------	------------------	------------------	------------------------

Survey

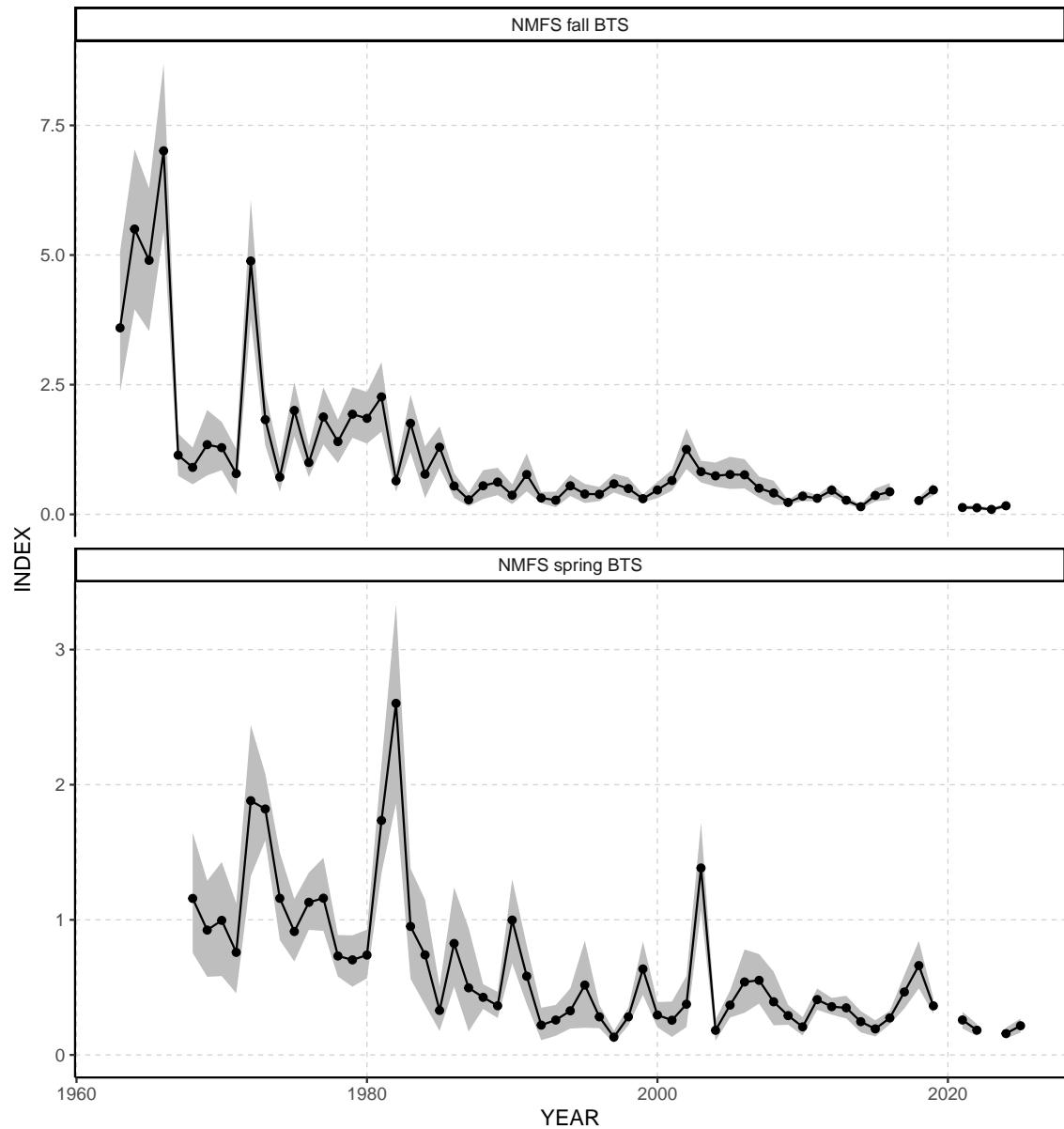


Figure 3: Bottom Trawl Survey Index of Southern Monkfish from 1963 through 2025. Units in Biomass (kg/tow). Gray-shaded area represents the 90% confidence interval. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

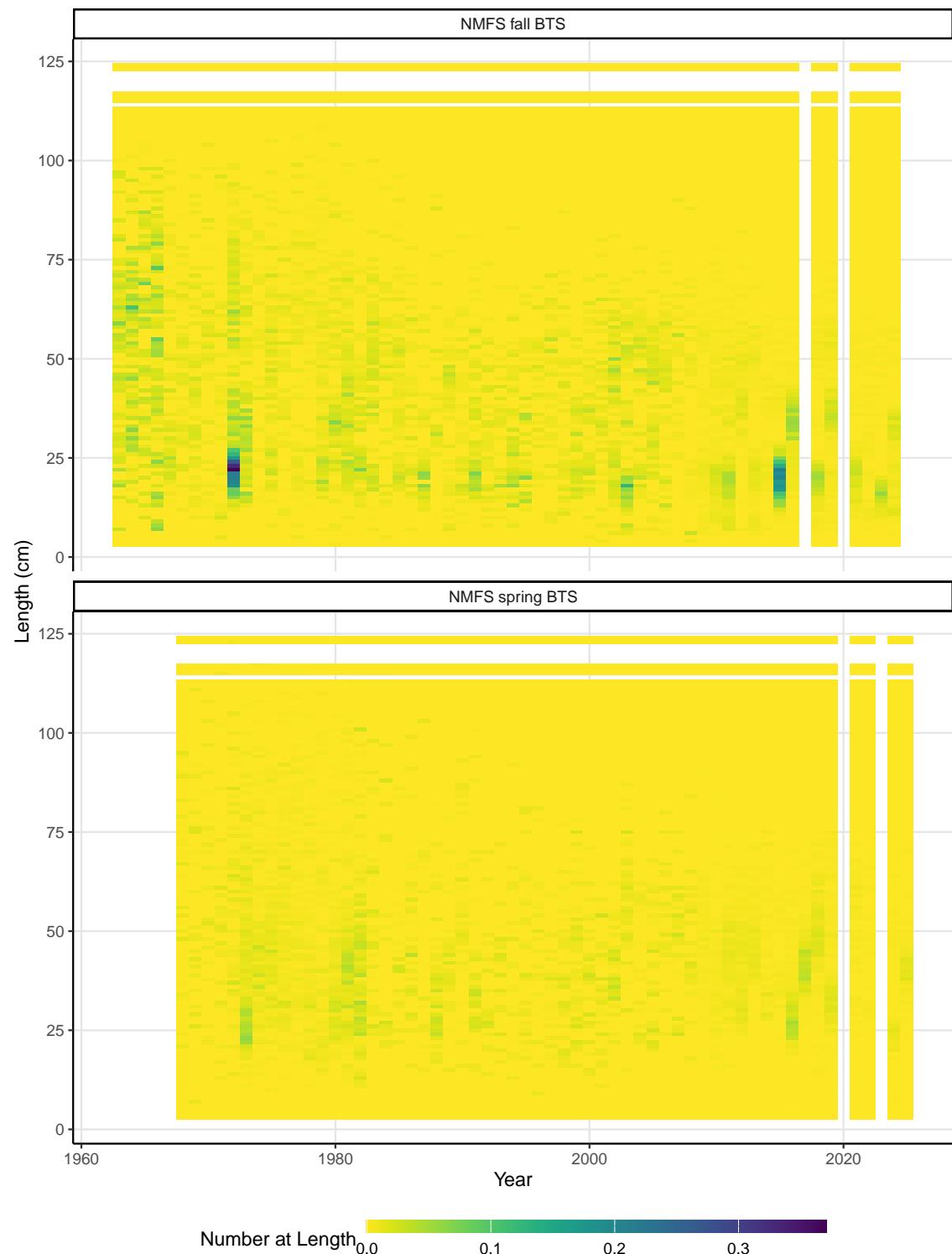


Figure 4: Stratified Mean Indices at Length for the Bottom Trawl Survey of Southern Monkfish from 1963 through 2025. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

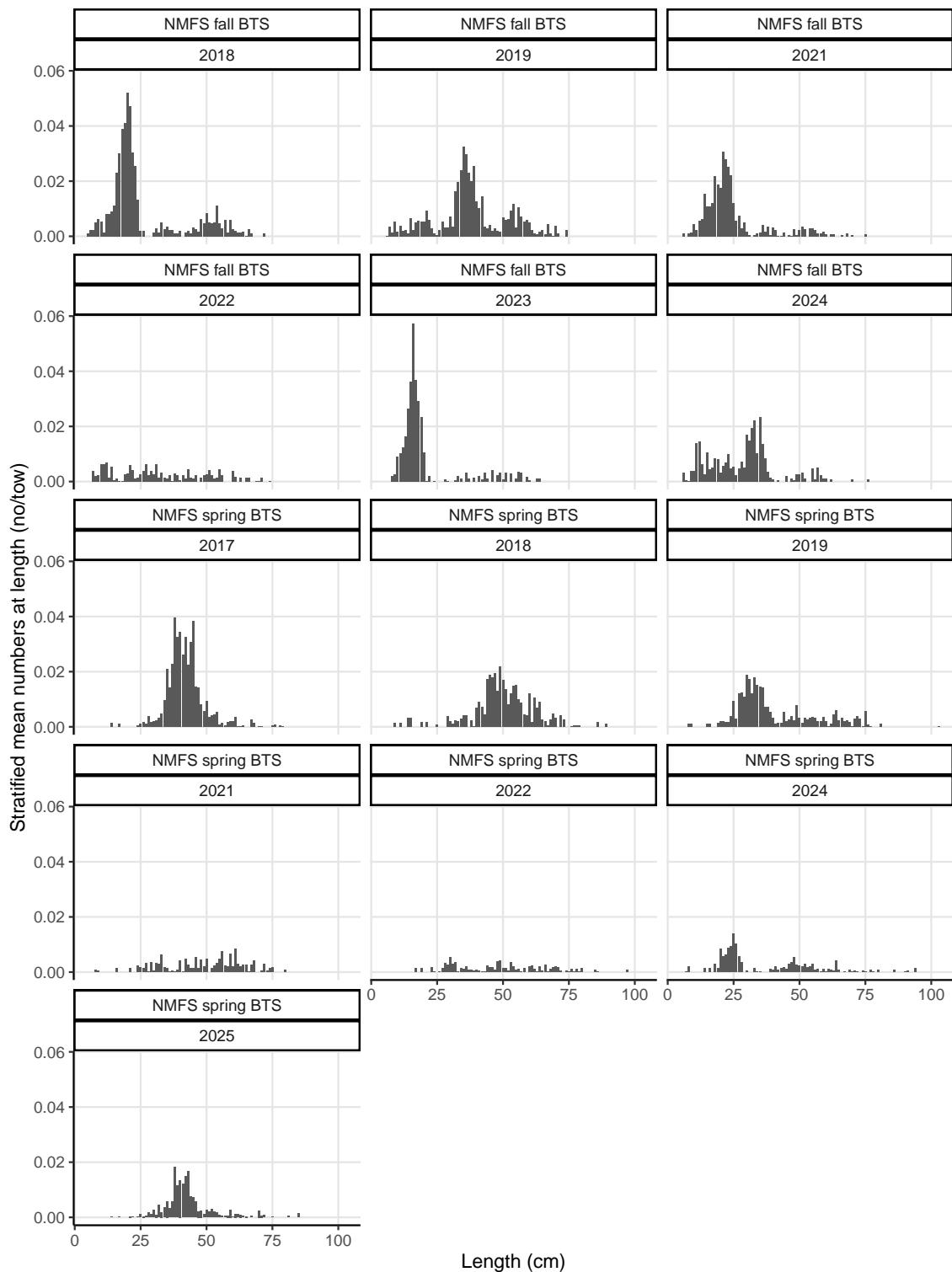


Figure 5: Stratified Mean Indices at Length for the Bottom Trawl Survey of Southern Monkfish from 2017 through 2025. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

Table 2: Bottom Trawl Survey Index of Southern Monkfish from 1963 through 2025. Units in Biomass (kg/tow). Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

YEAR	FALL INDEX	SPRING INDEX	FALL CV	SPRING CV
1963	3.5957		0.2280	
1964	5.5009		0.1702	
1965	4.8980		0.1699	
1966	7.0094		0.1368	
1967	1.1412		0.2201	
1968	0.9054	1.1582	0.2352	0.2320
1969	1.3436	0.9242	0.2952	0.2411
1970	1.2861	0.9960	0.2177	0.2572
1971	0.7855	0.7593	0.3537	0.2642
1972	4.8853	1.8816	0.1420	0.1780
1973	1.8251	1.8204	0.1671	0.0825
1974	0.7185	1.1592	0.2635	0.1694
1975	2.0036	0.9137	0.1602	0.1514
1976	0.9999	1.1297	0.1783	0.1156
1977	1.8777	1.1601	0.1748	0.1419
1978	1.4029	0.7327	0.1871	0.1281
1979	1.9310	0.7036	0.1492	0.1663
1980	1.8513	0.7393	0.1636	0.1438
1981	2.2647	1.7354	0.1814	0.1458
1982	0.6462	2.6021	0.2147	0.1695
1983	1.7558	0.9512	0.1942	0.2623
1984	0.7744	0.7407	0.3938	0.3299
1985	1.2947	0.3296	0.1838	0.3017
1986	0.5471	0.8250	0.2646	0.2753
1987	0.2807	0.4967	0.2820	0.4766
1988	0.5508	0.4265	0.3080	0.1287
1989	0.6220	0.3642	0.2556	0.1627
1990	0.3705	0.9980	0.3046	0.1957
1991	0.7685	0.5829	0.2904	0.2341
1992	0.3156	0.2209	0.2121	0.3275

YEAR	FALL INDEX	SPRING INDEX	FALL CV	SPRING CV
1993	0.2735	0.2584	0.3325	0.2764
1994	0.5500	0.3269	0.2274	0.2760
1995	0.3927	0.5174	0.2901	0.3804
1996	0.3884	0.2821	0.2148	0.1858
1997	0.5891	0.1318	0.1912	0.2029
1998	0.4974	0.2822	0.2362	0.1443
1999	0.3012	0.6363	0.1496	0.1923
2000	0.4694	0.2956	0.2006	0.1913
2001	0.6521	0.2571	0.1860	0.3194
2002	1.2526	0.3756	0.1907	0.3114
2003	0.8232	1.3835	0.1561	0.1419
2004	0.7429	0.1823	0.1812	0.2589
2005	0.7688	0.3690	0.2357	0.1616
2006	0.7622	0.5401	0.2239	0.2679
2007	0.5046	0.5524	0.2470	0.1959
2008	0.4117	0.3935	0.3530	0.3127
2009	0.2298	0.2911	0.1157	0.1514
2010	0.3509	0.2079	0.1773	0.1978
2011	0.3097	0.4096	0.1208	0.1157
2012	0.4657	0.3573	0.1510	0.1046
2013	0.2731	0.3487	0.1433	0.1461
2014	0.1476	0.2464	0.1846	0.1965
2015	0.3643	0.1930	0.2077	0.1836
2016	0.4358	0.2740	0.2238	0.1074
2017		0.4661		0.1611
2018	0.2657	0.6615	0.1295	0.1627
2019	0.4706	0.3634	0.1488	0.0958
2020				
2021	0.1322	0.2588	0.1384	0.1437
2022	0.1263	0.1832	0.2107	0.1443
2023	0.0955		0.1846	
2024	0.1655	0.1584	0.1817	0.1548

YEAR	FALL INDEX	SPRING INDEX	FALL CV	SPRING CV
2025		0.2162		0.1456