

2025 Data Update¹

Northern 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.

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Catch

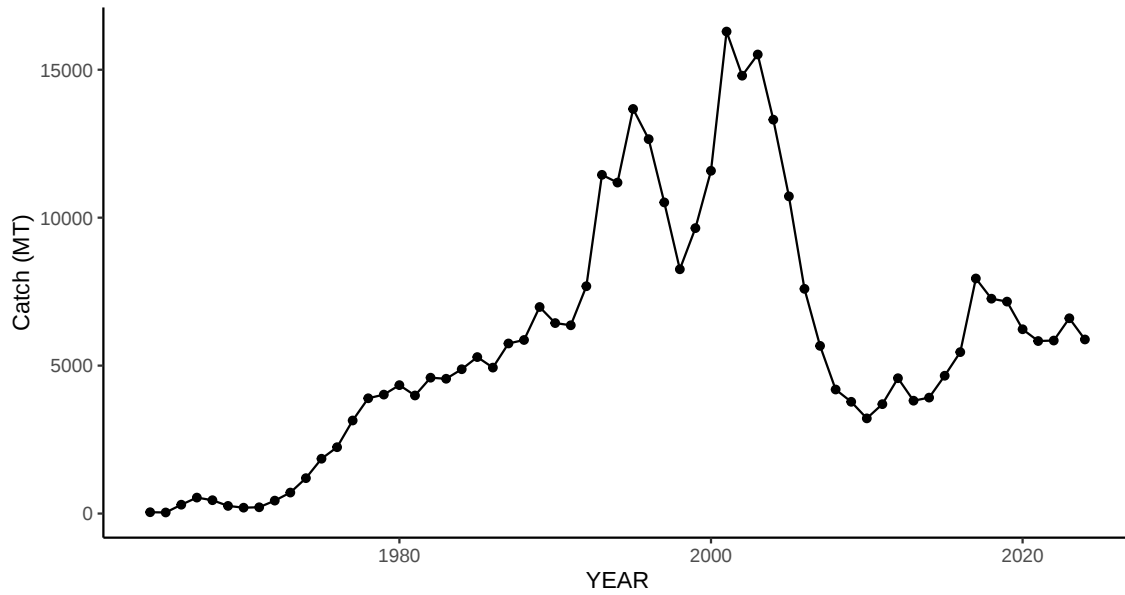


Figure 1: Total catch in metric tons (MT) of Northern Monkfish from calendar year 1964 through 2024. Landings begin in 1964 and discards begin in 1980.

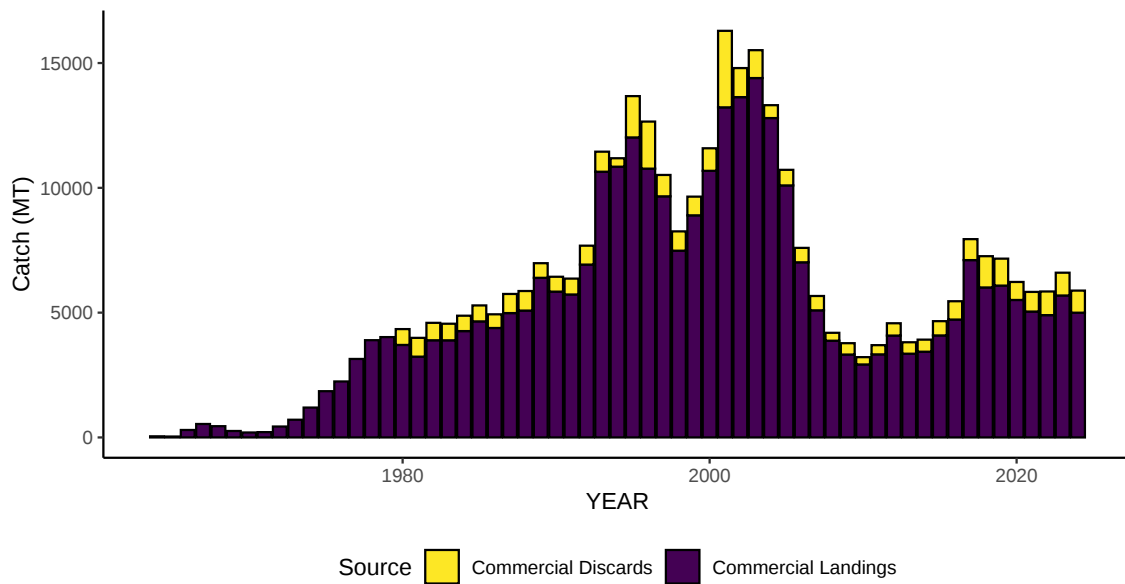


Figure 2: Landings (MT) and discards (MT) of Northern Monkfish from calendar year 1964 through 2024. Landings begin in 1964 and discards begin in 1980.

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

Year	Landings (MT)	Discards (MT)	Total Catch (MT)
1964	45		45
1965	37		37
1966	299		299
1967	539		539
1968	451		451
1969	258		258
1970	199		199
1971	213		213
1972	437		437
1973	710		710
1974	1,197		1,197
1975	1,853		1,853
1976	2,243		2,243
1977	3,145		3,145
1978	3,896		3,896
1979	4,020		4,020
1980	3,706	635	4,341
1981	3,237	754	3,990
1982	3,893	699	4,591
1983	3,891	664	4,556
1984	4,261	616	4,878
1985	4,649	640	5,289
1986	4,385	548	4,933
1987	4,982	766	5,748
1988	5,083	784	5,866
1989	6,396	585	6,981
1990	5,842	596	6,438
1991	5,727	637	6,364
1992	6,925	758	7,683

Year	Landings (MT)	Discards (MT)	Total Catch (MT)
1993	10,645	803	11,448
1994	10,847	339	11,186
1995	12,020	1,655	13,675
1996	10,769	1,886	12,654
1997	9,659	857	10,516
1998	7,482	774	8,256
1999	8,898	749	9,647
2000	10,681	903	11,585
2001	13,224	3,066	16,290
2002	13,634	1,164	14,798
2003	14,398	1,117	15,515
2004	12,796	516	13,312
2005	10,097	624	10,722
2006	7,016	578	7,594
2007	5,093	575	5,668
2008	3,875	317	4,192
2009	3,321	455	3,777
2010	2,923	294	3,217
2011	3,328	370	3,698
2012	4,081	493	4,574
2013	3,355	459	3,814
2014	3,434	484	3,918
2015	4,086	572	4,658
2016	4,723	734	5,457
2017	7,105	840	7,945
2018	6,009	1,253	7,262
2019	6,084	1,080	7,163
2020	5,508	721	6,229
2021	5,043	788	5,831
2022	4,900	947	5,847
2023	5,687	914	6,601
2024	4,998	886	5,884

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

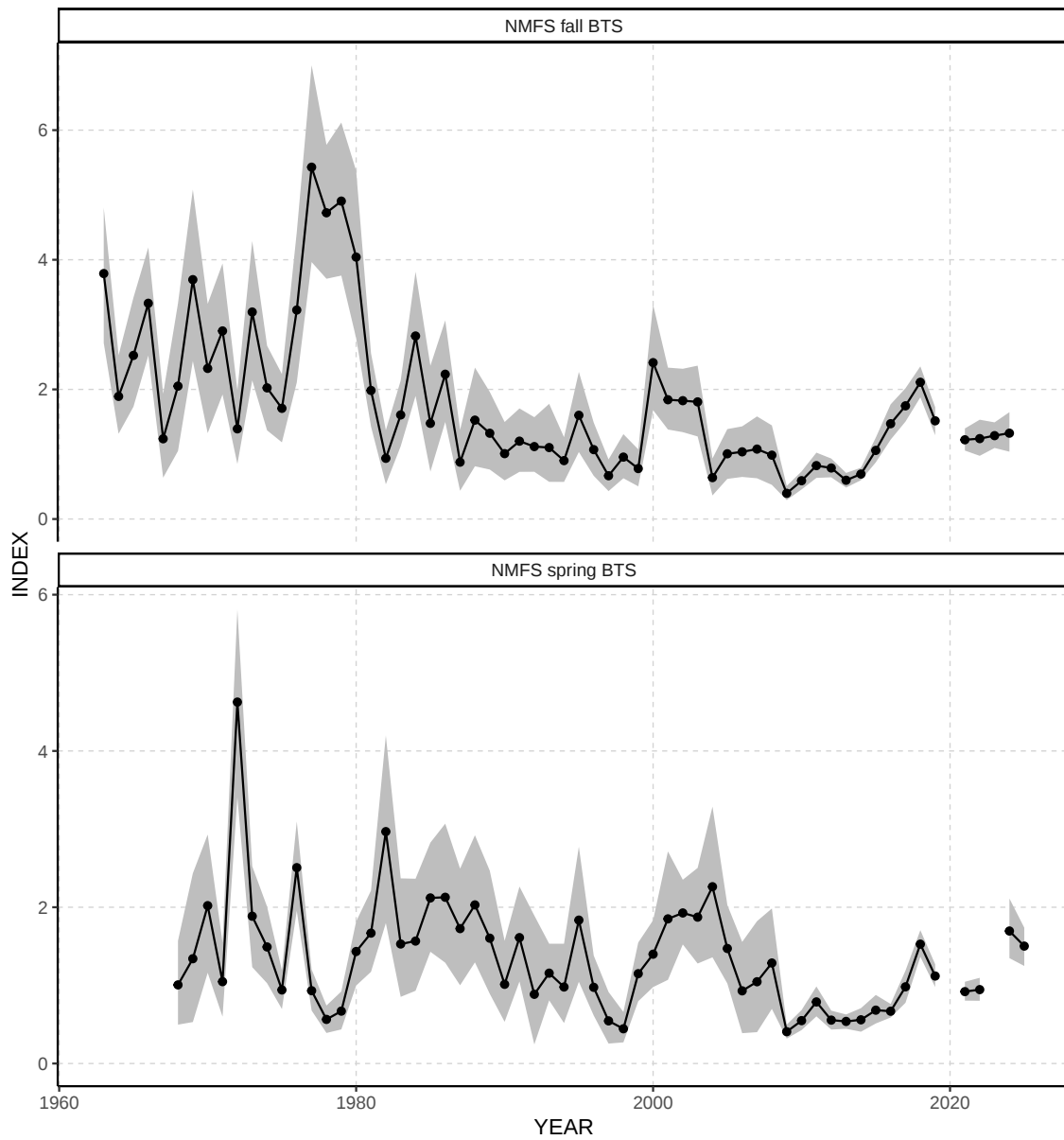


Figure 3: Bottom Trawl Survey Index of Northern Monkfish from 1963 through 2025. Units in Biomass (kg/tow). Gray-shaded area represents the 90% confidence interval. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

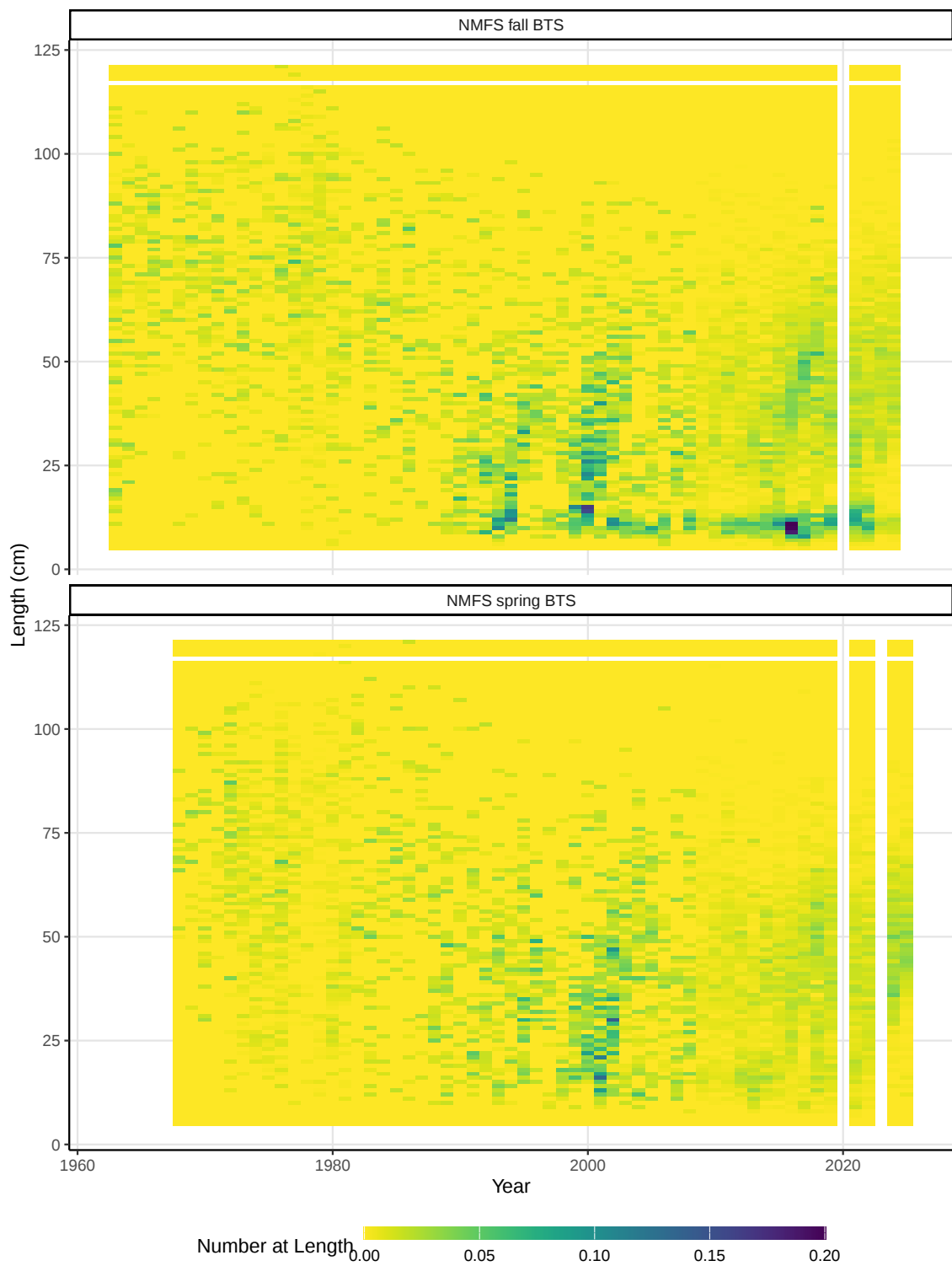


Figure 4: Stratified Mean Indices at Length for the Bottom Trawl Survey of Northern Monkfish from 1963 through 2025. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

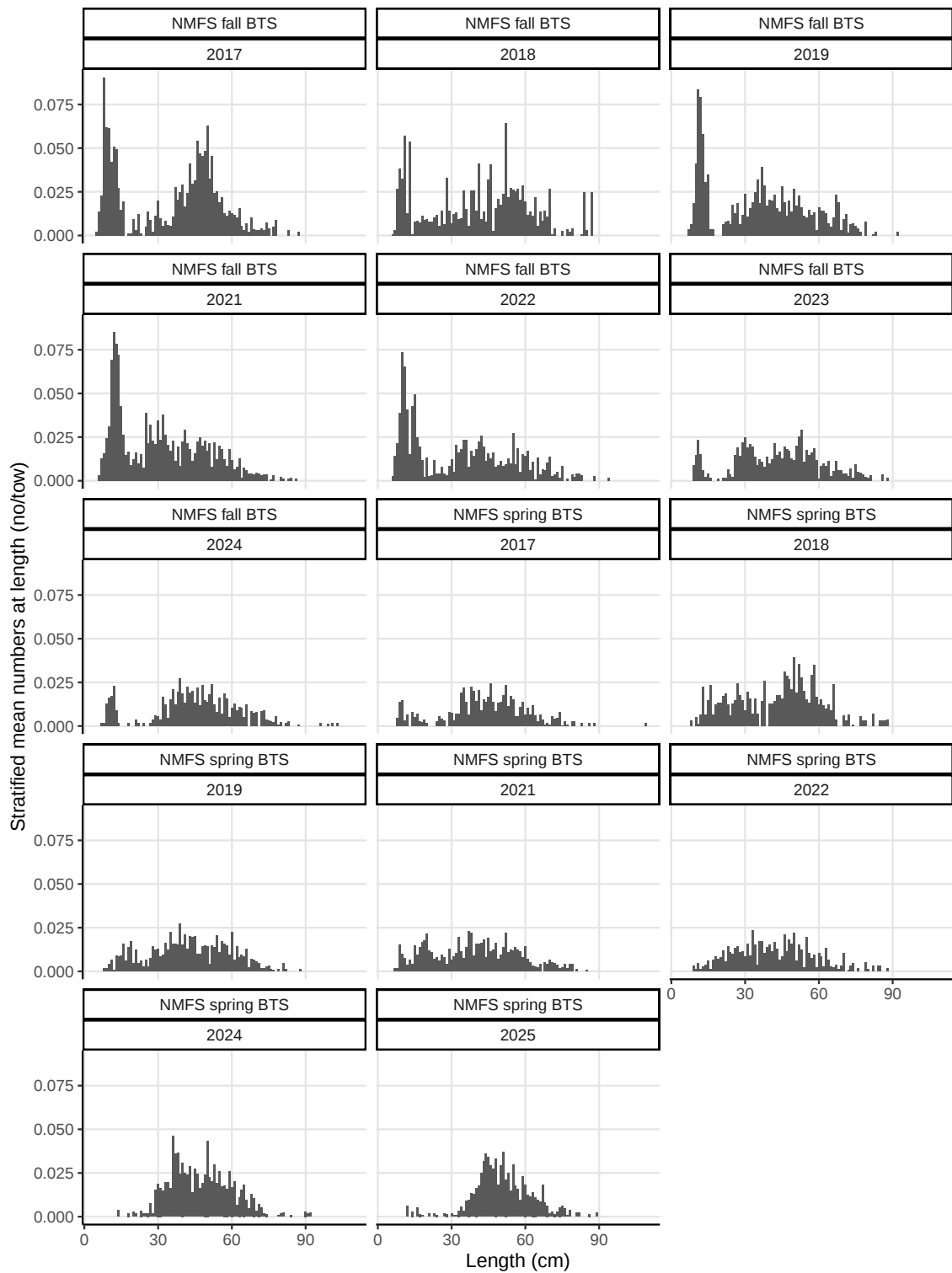


Figure 5: Stratified Mean Indices at Length for the Bottom Trawl Survey of Northern Monkfish from 2017 through 2025. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

Table 2: Bottom Trawl Survey Index of Northern 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	3.7875		0.1704	
1964	1.8919		0.2041	
1965	2.5243		0.2050	
1966	3.3288		0.1534	
1967	1.2379		0.3185	
1968	2.0504	1.0065	0.3474	0.3242
1969	3.6933	1.3414	0.2212	0.4225
1970	2.3238	2.0204	0.2589	0.2659
1971	2.9021	1.0479	0.2126	0.2763
1972	1.3913	4.6255	0.2508	0.1584
1973	3.1939	1.8853	0.2073	0.2073
1974	2.0236	1.4919	0.1998	0.1978
1975	1.7078	0.9417	0.1911	0.1650
1976	3.2246	2.5068	0.2171	0.1399
1977	5.4286	0.9322	0.1759	0.1720
1978	4.7251	0.5647	0.1339	0.1926
1979	4.9051	0.6705	0.1436	0.2169
1980	4.0409	1.4337	0.1928	0.1736
1981	1.9836	1.6691	0.1746	0.1936
1982	0.9368	2.9679	0.2692	0.2460
1983	1.6060	1.5297	0.1932	0.3141
1984	2.8241	1.5672	0.2084	0.2726
1985	1.4763	2.1192	0.3304	0.2088
1986	2.2337	2.1276	0.2141	0.2565
1987	0.8774	1.7267	0.3219	0.2701
1988	1.5256	2.0299	0.3123	0.2424
1989	1.3237	1.6039	0.2767	0.3019
1990	1.0089	1.0137	0.2725	0.3107
1991	1.2014	1.6114	0.2475	0.2301
1992	1.1179	0.8857	0.2300	0.5681

YEAR	FALL INDEX	SPRING INDEX	FALL CV	SPRING CV
1993	1.1027	1.1566	0.3367	0.1869
1994	0.9010	0.9794	0.2357	0.3058
1995	1.6011	1.8353	0.2357	0.2817
1996	1.0709	0.9755	0.2343	0.2400
1997	0.6677	0.5458	0.2281	0.3714
1998	0.9553	0.4448	0.2087	0.2646
1999	0.7783	1.1501	0.2244	0.2014
2000	2.4130	1.3992	0.2040	0.1844
2001	1.8404	1.8514	0.1569	0.2741
2002	1.8259	1.9270	0.1665	0.1311
2003	1.8074	1.8735	0.1812	0.2001
2004	0.6387	2.2627	0.2741	0.2586
2005	1.0065	1.4723	0.2302	0.2081
2006	1.0367	0.9303	0.2323	0.3946
2007	1.0788	1.0467	0.2751	0.4185
2008	0.9853	1.2863	0.2839	0.2910
2009	0.3967	0.4074	0.1637	0.1355
2010	0.5911	0.5488	0.1373	0.1422
2011	0.8241	0.7884	0.1420	0.1480
2012	0.7872	0.5557	0.1116	0.1303
2013	0.5984	0.5389	0.1161	0.1018
2014	0.6939	0.5595	0.0864	0.1633
2015	1.0588	0.6830	0.1102	0.1589
2016	1.4708	0.6694	0.1096	0.0783
2017	1.7464	0.9817	0.0862	0.1289
2018	2.1099	1.5277	0.0695	0.0667
2019	1.5151	1.1198	0.0837	0.0799
2020				
2021	1.2224	0.9202	0.0839	0.0809
2022	1.2406	0.9460	0.1397	0.0930
2023	1.2865		0.0945	
2024	1.3245	1.6959	0.1361	0.1354

YEAR	FALL INDEX	SPRING INDEX	FALL CV	SPRING CV
2025		1.5028		0.1021