

2025 Data Update¹

Unit Stock of Atlantic Wolffish, *Anarhichas lupus*

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

August 27, 2025

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

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Catch

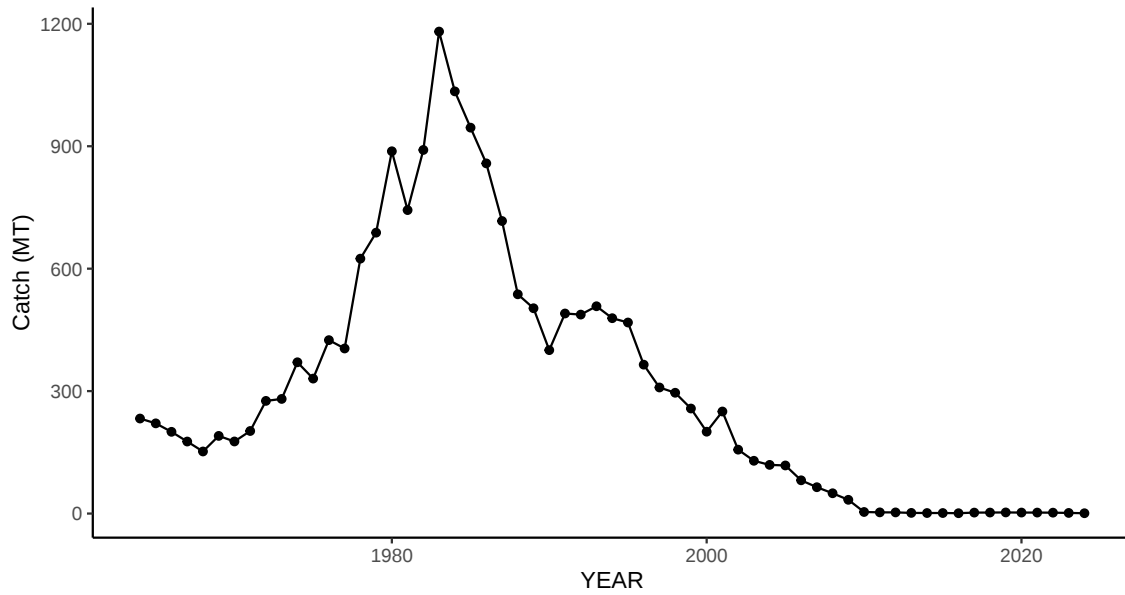


Figure 1: Total catch in metric tons (MT) of Atlantic Wolffish from calendar year 1964 through 2024. Landings begin in 1964 and discards begin in 1989.

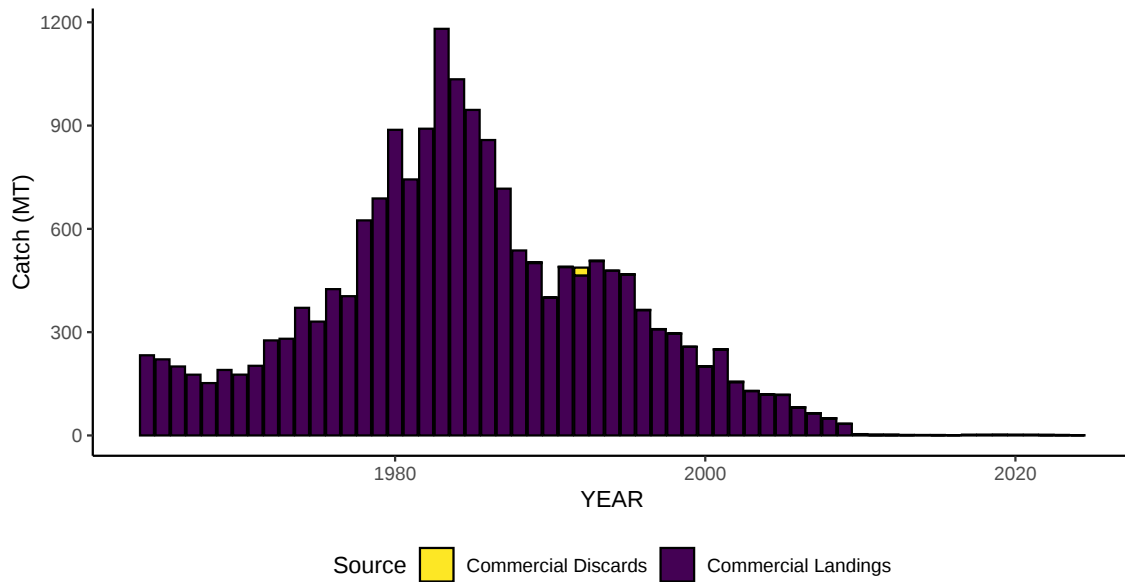


Figure 2: Landings (MT) and discards (MT) of Atlantic Wolffish from calendar year 1964 through 2024. Landings begin in 1964 and discards begin in 1989.

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

Year	Landings (MT)	Discards (MT)	Total Catch (MT)
1964	232.835		232.835
1965	220.983		220.983
1966	200.240		200.240
1967	176.451		176.451
1968	152.112		152.112
1969	190.259		190.259
1970	176.603		176.603
1971	202.267		202.267
1972	276.044		276.044
1973	280.848		280.848
1974	370.652		370.652
1975	330.677		330.677
1976	424.945		424.945
1977	404.443		404.443
1978	624.628		624.628
1979	688.281		688.281
1980	887.681		887.681
1981	743.563		743.563
1982	890.892		890.892
1983	1,180.999		1,180.999
1984	1,034.449		1,034.449
1985	945.527		945.527
1986	858.003		858.003
1987	716.749		716.749
1988	537.224		537.224
1989	500.729	2.338	503.067
1990	400.057	0.358	400.415
1991	489.046	1.134	490.180
1992	464.700	22.814	487.514

Year	Landings (MT)	Discards (MT)	Total Catch (MT)
1993	506.402	1.535	507.937
1994	478.656	0.022	478.678
1995	466.934	1.183	468.117
1996	363.919	0.902	364.821
1997	308.617	0.313	308.930
1998	295.669	0.268	295.937
1999	257.297	0.066	257.363
2000	200.422	0.127	200.549
2001	249.540	0.500	250.040
2002	154.672	1.891	156.563
2003	128.905	0.370	129.275
2004	118.908	0.327	119.235
2005	117.629	0.228	117.857
2006	81.315	0.163	81.478
2007	64.308	0.256	64.564
2008	49.584	0.137	49.721
2009	33.561	0.118	33.679
2010	2.704	1.143	3.847
2011	0.003	2.924	2.927
2012	0.005	2.815	2.820
2013	0.011	1.587	1.598
2014		1.327	1.327
2015	0.001	1.329	1.330
2016		0.861	0.861
2017		2.334	2.334
2018		2.478	2.478
2019		2.750	2.750
2020		2.430	2.430
2021		2.419	2.419
2022	0.024	2.161	2.185
2023	0.003	1.526	1.529
2024		0.810	0.810

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

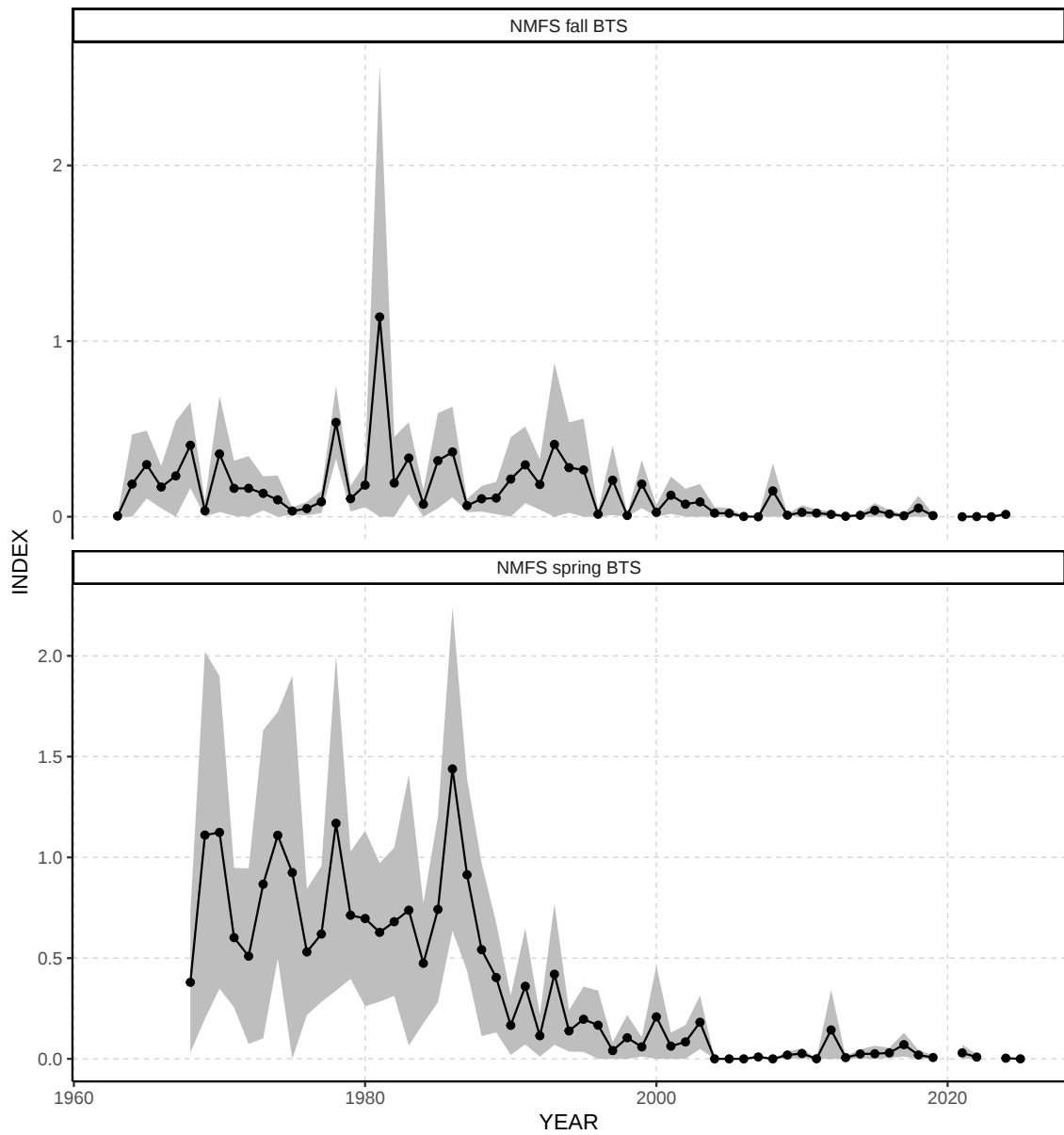


Figure 3: Bottom Trawl Survey Index of Atlantic Wolffish from 1963 through 2025. Units in Biomass (kg/tow). Gray-shaded area represents the 90% confidence interval. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

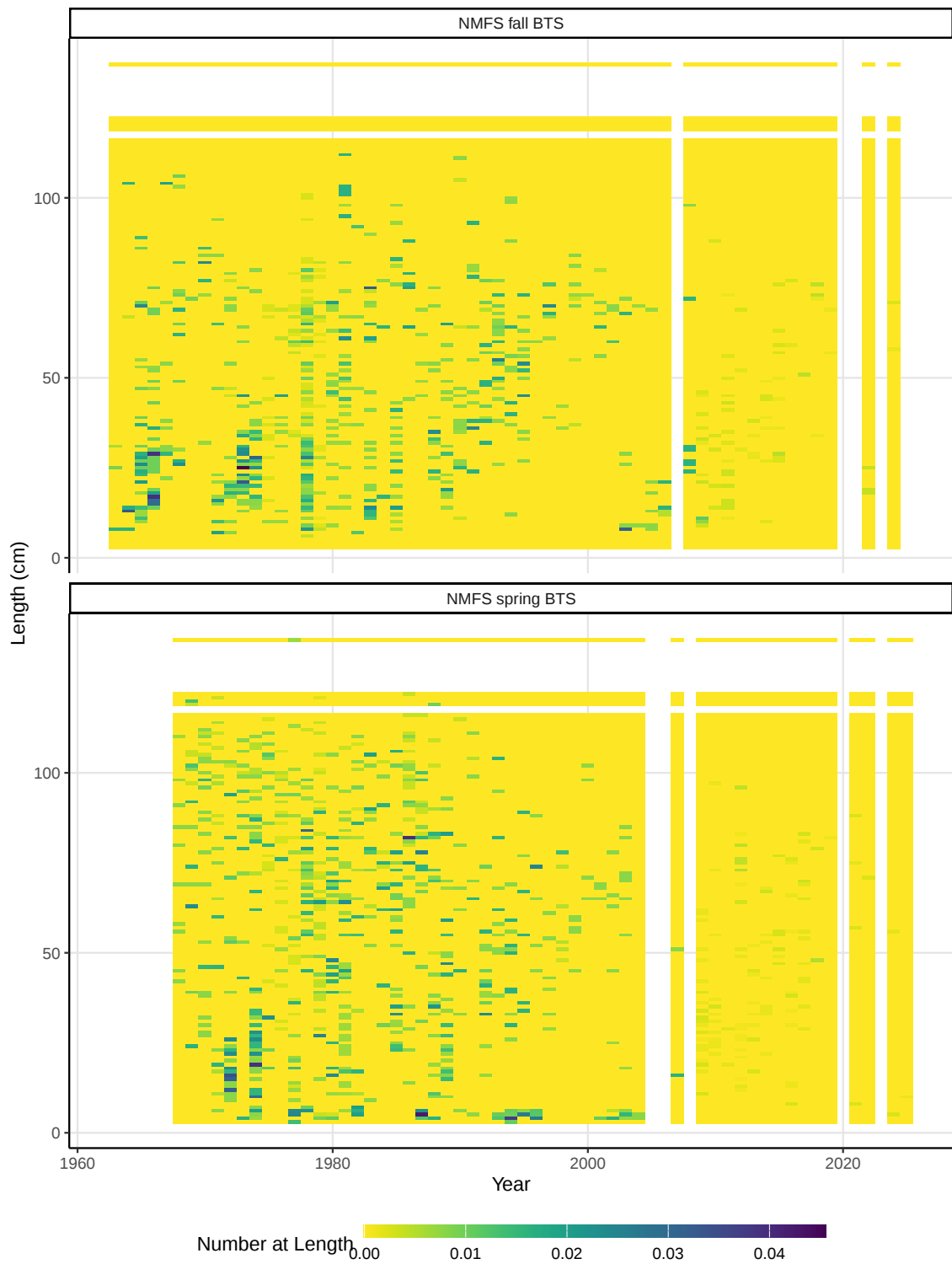


Figure 4: Stratified Mean Indices at Length for the Bottom Trawl Survey of Atlantic Wolffish from 1963 through 2025. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

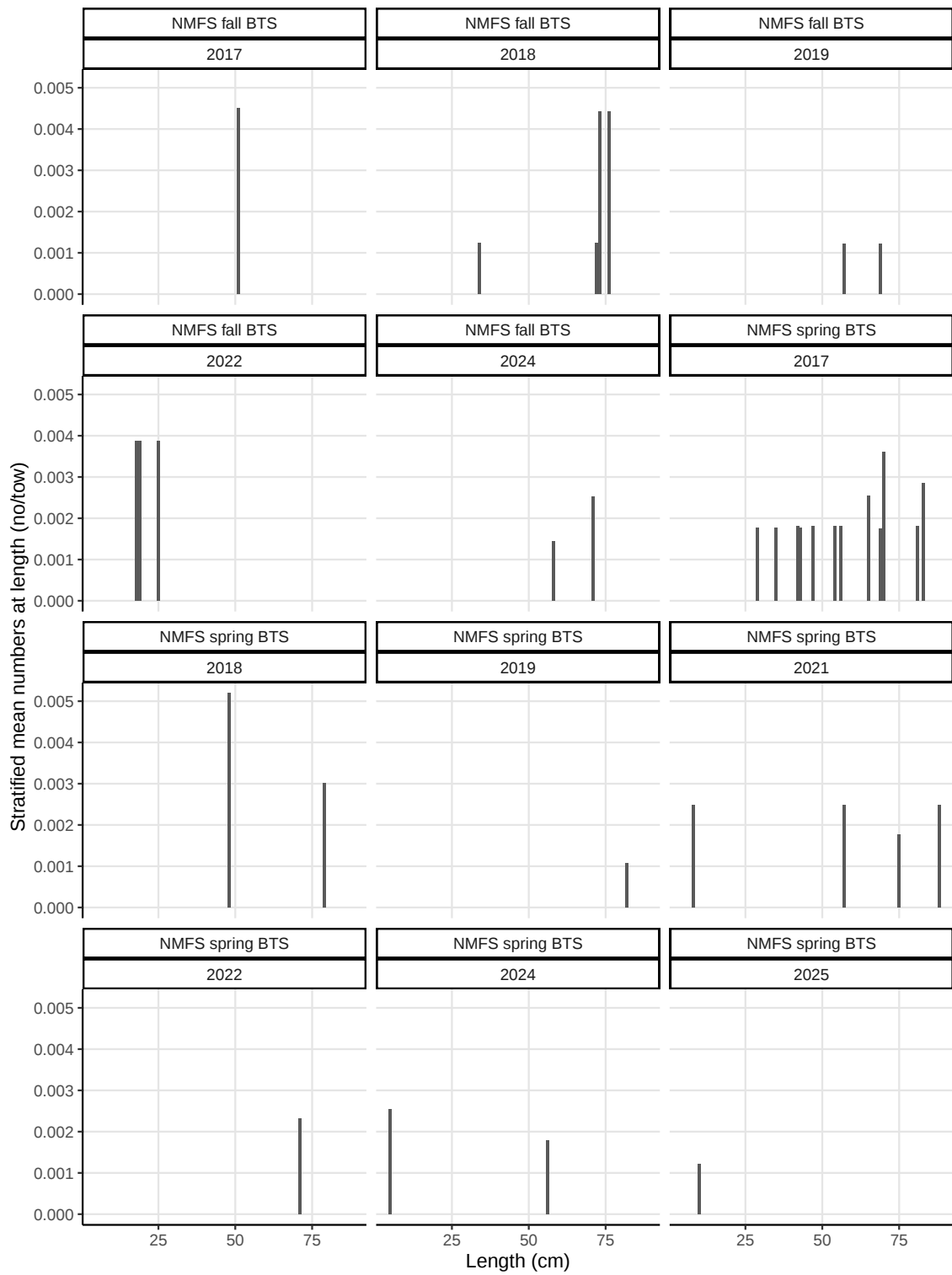


Figure 5: Stratified Mean Indices at Length for the Bottom Trawl Survey of Atlantic Wolffish from 2017 through 2025. Survey was incomplete in Fall 2020, Spring 2020, and Spring 2023.

Table 2: Bottom Trawl Survey Index of Atlantic Wolffish 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	0.004009		0.744811	
1964	0.185725		0.924953	
1965	0.296795		0.395694	
1966	0.169166		0.435003	
1967	0.232515		0.817836	
1968	0.407053	0.379934	0.364742	0.557267
1969	0.033808	1.110383	1.000000	0.498847
1970	0.357788	1.123652	0.561109	0.419215
1971	0.161774	0.601675	0.589966	0.350046
1972	0.1618	0.509671	0.688844	0.519589
1973	0.133047	0.866679	0.442448	0.536320
1974	0.096172	1.109391	0.878775	0.335262
1975	0.032402	0.924278	0.378282	0.643209
1976	0.046311	0.530599	0.509645	0.358786
1977	0.084912	0.619572	0.454313	0.330776
1978	0.536886	1.169055	0.234608	0.431833
1979	0.10265	0.712759	0.429302	0.269234
1980	0.180163	0.696504	0.423400	0.380156
1981	1.137627	0.62785	0.766352	0.332895
1982	0.191948	0.680635	0.830291	0.328632
1983	0.334218	0.737776	0.371565	0.553627
1984	0.071304	0.474255	0.696323	0.382062
1985	0.319378	0.741841	0.515793	0.377513
1986	0.368757	1.438941	0.424011	0.339192
1987	0.063314	0.913704	0.360544	0.316663
1988	0.102298	0.541841	0.433156	0.481254
1989	0.106517	0.403499	0.523505	0.409964
1990	0.21446	0.166512	0.675093	0.535316
1991	0.295392	0.360147	0.449048	0.486631
1992	0.183602	0.114769	0.474708	0.549909

YEAR	FALL INDEX	SPRING INDEX	FALL CV	SPRING CV
1993	0.41169	0.420068	0.686117	0.507183
1994	0.279718	0.138881	0.558818	0.449190
1995	0.266594	0.196499	0.666368	0.501530
1996	0.014088	0.167027	1.000000	0.625205
1997	0.20805	0.041146	0.578851	0.616029
1998	0.007173	0.104681	1.000017	0.656945
1999	0.18593	0.059484	0.447211	0.493377
2000	0.025009	0.208352	1.000000	0.741313
2001	0.122632	0.063015	0.526198	0.645746
2002	0.071736	0.08401	0.743982	0.605206
2003	0.084381	0.181659	0.735401	0.443454
2004	0.02061	0.000033	0.997721	0.000000
2005	0.019457	0	0.950968	0.000000
2006	0.001581	0	0.727929	0.000000
2007	0	0.009262	0.000000	0.946701
2008	0.147088	0	0.645676	0.000000
2009	0.008784	0.019057	0.514229	0.564165
2010	0.025015	0.026511	0.988503	0.572081
2011	0.020548	0.000517	0.633915	0.757293
2012	0.013305	0.143523	0.782802	0.842799
2013	0.002704	0.006258	1.002634	0.587190
2014	0.008331	0.024493	0.698467	0.584440
2015	0.036145	0.025431	0.714176	0.941218
2016	0.015774	0.029639	0.817271	0.521663
2017	0.005527	0.070578	0.996021	0.509709
2018	0.048877	0.019224	0.866070	0.780482
2019	0.006469	0.006808	1.000038	0.999792
2020				
2021	0	0.029475	0.000000	0.821038
2022	0.001011	0.008824	0.980392	0.998674
2023	0		0.000000	
2024	0.013282	0.003409	0.808936	1.000895

YEAR	FALL INDEX	SPRING INDEX	FALL CV	SPRING CV
2025		0.000011		0.000000