

Table 22. Mean weights-at-age (kg) of the total catch Gulf of Maine Atlantic cod from 1982 to 2016 with an age 9⁺ group. Mean catch weights-at-age in the 9⁺ group were estimated using a numbers weighted approach. Cells shaded grey were imputed using a 5-year centered moving average. *Only ages 1 through the 9⁺ group are used as assessment model inputs.*

Year	Age0	Age1	Age2	Age3	Age4	Age5	Age6	Age7	Age8	Age9
1982	0.012	0.356	0.860	1.514	2.607	5.067	7.065	9.620	9.771	15.664
1983	0.024	0.223	0.770	1.542	2.418	3.808	6.055	6.071	10.317	13.325
1984	0.001	0.233	0.655	1.478	2.678	3.609	5.540	8.368	10.138	14.828
1985	0.039	0.206	0.735	1.406	2.819	4.658	5.884	8.502	11.244	13.676
1986	0.005	0.277	0.502	1.699	2.774	4.778	6.504	8.109	10.206	14.646
1987	0.004	0.152	0.648	1.328	3.090	4.668	7.259	10.036	11.099	14.582
1988	0.003	0.122	0.579	1.668	2.360	5.205	5.200	6.193	10.103	12.993
1989	0.046	0.234	0.759	1.526	2.960	4.282	5.980	9.276	12.519	20.913
1990	0.021	0.193	0.815	1.354	2.143	4.474	7.721	10.820	11.750	18.718
1991	0.014	0.236	1.125	1.611	2.287	3.899	7.144	10.429	12.261	14.031
1992	0.023	0.054	1.040	1.538	2.752	2.979	5.590	10.921	10.483	14.483
1993	0.021	0.078	0.712	1.759	2.164	4.420	5.670	9.817	13.673	15.701
1994	0.022	0.053	0.781	1.740	3.091	3.251	6.335	7.684	12.542	11.846
1995	0.027	0.098	1.343	1.625	2.660	5.096	6.865	11.466	13.128	22.443
1996	0.033	0.085	1.361	2.129	2.274	3.474	7.558	11.728	14.455	16.269
1997	0.017	0.061	1.406	2.158	3.035	3.088	4.714	9.000	12.156	16.938
1998	0.008	0.201	1.125	1.957	2.655	3.974	4.265	7.122	12.118	16.676
1999	0.052	0.213	0.670	1.771	2.792	3.911	5.684	6.707	9.811	12.279
2000	0.030	0.285	1.164	2.203	3.331	4.335	5.901	5.352	9.331	12.680
2001	0.045	0.316	0.958	2.249	3.184	4.690	6.149	7.273	9.072	9.559
2002	0.032	0.192	0.857	1.929	2.987	3.875	6.136	6.969	8.857	12.205
2003	0.038	0.174	0.879	1.914	2.480	3.719	5.170	7.649	9.191	12.058
2004	0.025	0.108	0.485	1.654	2.978	3.604	5.460	7.378	9.829	13.774
2005	0.027	0.122	0.563	1.701	2.505	4.280	4.543	6.398	8.020	12.465
2006	0.076	0.279	0.658	1.579	3.011	3.442	4.593	5.649	7.544	12.368
2007	0.025	0.223	0.765	1.864	3.001	3.781	4.899	6.513	7.782	13.296
2008	0.083	0.238	0.822	2.233	2.853	3.550	4.603	6.075	6.193	12.720
2009	0.029	0.333	0.914	2.253	3.199	3.638	4.502	6.171	8.475	13.826
2010	0.023	0.261	1.039	2.070	3.276	4.049	4.689	5.657	8.948	11.892
2011	0.086	0.312	0.821	2.192	2.961	3.837	4.767	5.593	5.851	12.947
2012	0.001	0.277	1.011	2.026	2.682	3.111	4.092	5.146	5.306	9.895
2013	0.051	0.479	0.969	1.948	2.384	3.149	3.429	5.146	6.976	11.143
2014	0.048	0.377	1.302	1.825	2.370	2.717	3.738	3.931	6.558	8.560
2015	0.036	0.229	0.626	1.633	2.882	4.397	4.530	5.586	8.244	13.956
2016	0.010	0.147	0.591	1.472	2.876	3.442	5.151	4.893	6.679	10.168
Average 2014-2016		0.251	0.840	1.643	2.709	3.519	4.473	4.803	7.160	10.894