

Table 9.8. Cod in Divisions 7.e–k. Final XSA fishing mortality-at-age.

Year	Age 1	Age 2	Age 3	Age 4	Age 5	Age 6	Age 7+	Fbar (2–5)
1971	0.219	0.685	0.635	0.550	0.359	0.519	0.519	0.557
1972	0.006	0.518	0.397	0.567	0.585	0.521	0.521	0.517
1973	0.165	0.731	0.553	0.437	0.442	0.481	0.481	0.541
1974	0.001	0.208	0.290	0.407	0.595	0.435	0.435	0.375
1975	0.156	0.367	0.313	1.160	0.871	0.791	0.791	0.678
1976	0.034	0.838	0.327	0.333	0.717	0.463	0.463	0.554
1977	0.011	0.570	0.352	0.135	0.338	0.277	0.277	0.349
1978	0.097	0.431	0.405	0.322	0.287	0.340	0.340	0.361
1979	0.089	0.340	0.512	0.433	0.585	0.515	0.515	0.468
1980	0.066	0.513	0.601	0.896	0.767	0.764	0.764	0.694
1981	0.082	0.776	0.987	0.890	0.580	0.829	0.829	0.808
1982	0.048	0.680	0.653	0.642	0.586	0.633	0.633	0.640
1983	0.274	0.747	0.987	0.861	0.741	0.874	0.874	0.834
1984	0.153	0.617	0.499	0.514	0.496	0.507	0.507	0.532
1985	0.175	0.577	0.624	0.505	0.450	0.531	0.531	0.539
1986	0.184	0.752	0.881	0.978	0.536	0.808	0.808	0.787
1987	0.148	0.596	0.757	1.165	0.726	0.894	0.894	0.811
1988	0.215	0.691	0.497	0.606	0.763	0.629	0.629	0.639
1989	0.269	0.768	1.010	0.510	0.978	0.843	0.843	0.816
1990	0.121	0.923	0.942	0.954	0.602	0.843	0.843	0.855
1991	0.170	0.865	0.869	1.173	1.018	1.034	1.034	0.981
1992	0.172	0.786	0.948	0.724	0.948	0.884	0.884	0.851
1993	0.101	0.656	0.908	0.705	0.726	0.789	0.789	0.749
1994	0.135	0.536	1.067	0.793	0.603	0.831	0.831	0.750
1995	0.116	0.811	0.588	0.920	0.585	0.705	0.705	0.726
1996	0.114	0.742	1.000	0.618	1.059	0.904	0.904	0.855
1997	0.166	0.837	1.055	0.838	0.505	0.809	0.809	0.809
1998	0.180	0.927	0.989	1.098	0.835	0.987	0.987	0.962
1999	0.319	0.795	1.008	0.808	0.920	0.924	0.924	0.883
2000	0.230	0.787	0.974	0.728	0.593	0.802	0.802	0.770
2001	0.174	0.825	0.675	0.719	0.853	0.587	0.587	0.768
2002	0.133	0.817	1.102	0.929	0.615	0.348	0.348	0.866
2003	0.108	0.874	1.226	1.072	0.624	0.349	0.349	0.949
2004	0.163	0.720	0.959	1.059	1.133	0.889	0.889	0.968
2005	0.096	0.770	1.153	1.014	1.060	0.691	0.691	0.999
2006	0.110	0.750	0.936	0.739	0.944	1.176	1.176	0.842
2007	0.180	0.941	1.030	0.689	0.712	0.845	0.845	0.843
2008	0.105	0.657	0.796	0.899	0.722	0.886	0.886	0.768
2009	0.072	0.495	0.789	0.686	1.167	0.817	0.817	0.784
2010	0.052	0.376	0.495	0.601	0.823	1.164	1.164	0.574
2011	0.512	0.681	0.415	0.450	0.467	0.426	0.426	0.503
2012	0.057	0.410	0.876	1.046	0.460	0.404	0.404	0.698

Year	Age 1	Age 2	Age 3	Age 4	Age 5	Age 6	Age 7+	Fbar (2-5)
2013	0.111	0.709	0.986	0.982	1.233	0.914	0.914	0.978
2014	0.158	0.750	0.902	0.848	0.990	0.542	0.542	0.872
2015	0.074	0.778	0.820	0.676	0.715	0.554	0.554	0.747
2016	0.070	0.335	0.930	0.633	0.442	0.495	0.495	0.585
2017	0.047	0.424	0.711	0.529	0.782	0.618	0.618	0.612

Table 9.9. Cod in Divisions 7.e-k. Final XSA stock number-at-age.

Year	Age 1	Age 2	Age 3	Age 4	Age 5	Age 6	Age 7+
1971	4769	1118	1381	260	131	47	30
1972	928	2296	390	540	115	72	46
1973	2810	553	947	194	234	50	32
1974	889	1428	184	402	96	118	113
1975	6031	532	802	102	204	41	67
1976	1986	3093	255	433	24	67	21
1977	2871	1151	926	136	237	9	78
1978	2741	1701	450	480	91	132	77
1979	6630	1491	765	222	266	53	88
1980	12254	3634	734	338	110	116	29
1981	5179	6872	1506	297	105	40	24
1982	2117	2860	2189	414	93	46	12
1983	6923	1209	1003	841	167	41	21
1984	6696	3153	396	276	272	62	14
1985	5892	3443	1177	178	126	129	41
1986	5000	2964	1338	466	82	63	34
1987	25361	2493	967	409	134	37	28
1988	12239	13110	950	335	97	51	19
1989	3648	5919	4547	427	140	36	21
1990	4042	1670	1900	1221	196	41	31
1991	11365	2146	459	547	360	84	24
1992	11742	5745	625	142	129	101	32
1993	3699	5927	1812	179	53	39	32
1994	13712	2004	2128	539	67	20	33
1995	9669	7180	812	540	187	29	11
1996	7418	5157	2208	333	165	81	7
1997	9987	3968	1699	599	137	45	12
1998	5008	5068	1190	436	198	65	14
1999	2349	2506	1388	327	111	67	26
2000	10651	1023	783	374	111	35	28
2001	8838	5073	322	218	138	48	47
2002	2183	4453	1539	121	81	46	42
2003	1299	1146	1361	377	37	34	26
2004	2926	699	331	295	99	15	13
2005	4164	1489	235	94	78	25	4