

Table 9.10. Cod in Divisions 7.e–k. Final XSA summary table.

Year	Recruitment	SSB	Catch	Landings	TSB	F _{bar} (2–5)	Y/SSB
1971	4769	10093	5782	5782	15346	0.557	0.57
1972	928	9298	4737	4737	12808	0.517	0.51
1973	2810	8617	4015	4015	11700	0.541	0.47
1974	889	8327	2898	2898	10717	0.375	0.35
1975	6031	7526	3993	3993	12589	0.678	0.53
1976	1986	7316	4818	4818	12224	0.554	0.66
1977	2871	8841	3059	3059	12545	0.349	0.35
1978	2741	9689	3647	3647	13783	0.361	0.38
1979	6630	9848	4650	4650	16346	0.467	0.47
1980	12254	10347	7243	7243	22845	0.694	0.7
1981	5179	11212	10597	10597	20697	0.808	0.95
1982	2117	13547	8766	8766	18951	0.64	0.65
1983	6923	13008	9641	9641	18545	0.834	0.74
1984	6696	9568	6631	6631	17147	0.531	0.69
1985	5892	13103	8317	8317	21794	0.539	0.63
1986	5000	13692	10475	10475	20931	0.787	0.77
1987	25361	11364	10228	10228	28403	0.811	0.9
1988	12239	16606	17191	17191	41445	0.639	1.04
1989	3648	26324	19809	19809	37580	0.817	0.75
1990	4042	19126	12749	12749	25110	0.855	0.67
1991	11365	10846	9336	9336	19521	0.981	0.86
1992	11742	9073	9747	9747	21916	0.851	1.07
1993	3699	12280	10425	10425	20978	0.749	0.85
1994	13712	14358	10620	10620	26249	0.75	0.74
1995	9669	13022	11709	11709	26004	0.726	0.9
1996	7418	15904	12681	12681	26374	0.855	0.8
1997	9987	14076	12035	12035	23383	0.809	0.85
1998	5008	12544	11431	11431	19590	0.962	0.91
1999	2349	10912	8594	8594	16026	0.883	0.79
2000	10651	7580	6536	6536	15217	0.771	0.86
2001	8838	8470	8308	8308	18866	0.768	0.98
2002	2183	10756	9236	9236	15889	0.866	0.86
2003	1299	8810	6420	6420	11265	0.949	0.73
2004	2926	4606	3672	3672	7185	0.968	0.8
2005	4164	3368	3062	3062	7513	0.999	0.91
2006	4575	3746	3776	3776	8932	0.842	1.01
2007	3845	5093	4830	4830	10399	0.843	0.95
2008	1602	5412	3961	3961	8960	0.768	0.73
2009	2997	5027	3292	3292	9145	0.784	0.65
2010	13504	4872	3229	3229	17704	0.574	0.66
2011	4881	8957	7261	7261	16987	0.503	0.81
2012	816	13480	7692	7692	17043	0.698	0.57
2013	1360	9486	6290	6290	11336	0.977	0.66

Year	Recruitment	SSB	Catch	Landings	TSB	F _{bar} (2–5)	Y/SSB
2014	6595	4762	3879	3879	8738	0.873	0.81
2015	650	4687	4154	4154	8290	0.747	0.89
2016	2530	5264	3299	3299	7740	0.585	0.63
2017	501	3669	2237	2237	5364	0.612	0.61
2018	2439	4179					
Average_71_2015	5699	9968	7382	7382	16981	0.724	0.738

Table 9.11. Cod Division 7.e–k. Short-term forecast. Input table.

Year	Age	Stock.n	Stock.wt	Catch.wt	Mat	M	F
2018	1	2439	0.702	0.910	0.00	0.512	0.05997
	2	286	1.387	1.996	0.39	0.368	0.48375
	3	641	3.708	4.167	0.87	0.304	0.77427
	4	65	7.136	7.401	0.93	0.269	0.57830
	5	141	9.018	9.151	1.00	0.247	0.60993
	6	11	10.907	10.375	1.00	0.233	0.52464
	7	11	12.663	11.259	1.00	0.223	0.52464
2019	1	2439	0.702	0.910	0.00	0.512	0.05997
	2	1377	1.387	1.996	0.39	0.368	0.48375
	3	122	3.708	4.167	0.87	0.304	0.77427
	4	218	7.136	7.401	0.93	0.269	0.57830
	5	28	9.018	9.151	1.00	0.247	0.60993
	6	60	10.907	10.375	1.00	0.233	0.52464
	7	10	12.663	11.259	1.00	0.223	0.52464
2020	1	2439	0.702	0.910	0.00	0.512	0.05997
	2	1377	1.387	1.996	0.39	0.368	0.48375
	3	587	3.708	4.167	0.87	0.304	0.77427
	4	42	7.136	7.401	0.93	0.269	0.57830
	5	93	9.018	9.151	1.00	0.247	0.60993
	6	12	10.907	10.375	1.00	0.233	0.52464
	7	33	12.663	11.259	1.00	0.223	0.52464