

Year	SSB	SSB high	SSB low	R, a2	F _{bar}	F _{bar} high	F _{bar} low
1999	52238	56659	47817	536775	0.942	1.016	0.869
2000	61539	65919	57158	552414	1.035	1.103	0.967
2001	73925	78840	69011	432047	1.027	1.094	0.959
2002	83271	88549	77993	555691	0.733	0.781	0.685
2003	85560	90843	80277	361342	0.738	0.785	0.691
2004	74394	79633	69155	436661	0.756	0.808	0.703
2005	91596	97514	85678	750623	0.599	0.639	0.558
2006	91172	97442	84902	585236	0.673	0.719	0.627
2007	88455	95154	81755	702735	0.546	0.586	0.506
2008	123707	132586	114828	729327	0.417	0.449	0.386
2009	134370	143982	124758	679790	0.401	0.431	0.371
2010	135445	145138	125752	702304	0.387	0.416	0.358
2011	119244	128095	110393	650061	0.443	0.477	0.409
2012	96551	104327	88774	698970	0.604	0.655	0.553
2013	92070	99659	84481	934474	0.443	0.483	0.403
2014	100548	108754	92342	969212	0.433	0.471	0.394
2015	123082	132971	113193	685034	0.419	0.457	0.382
2016	115368	124621	106115	637004	0.305	0.332	0.278
2017	97284	105274	89295	378506	0.268	0.293	0.244
2018	83754	91067	76440	409775	0.208	0.228	0.187
2019	66412	73877	58947	162699			

Table 2.1.11. Eastern Baltic cod in SDs 24-32. Stock numbers at age (in the beginning of the year).

Year	1	2	3	4	5	6	7	8
1946	2242460	441747	121082	25207	10180	4651	1820	2149
1947	1250020	729371	187804	51074	10249	4256	2035	1756
1948	1822520	406490	307592	75528	18890	3790	1625	1452
1949	2159150	592533	170315	120047	26451	6521	1342	1089
1950	2209620	701980	248411	66892	42656	9312	2361	880
1951	1732300	718366	293838	96575	23279	14613	3271	1133

1952	1384100	563182	300633	114075	33509	7944	5111	1530
1953	1587890	449890	234182	113181	37401	10644	2569	2125
1954	2303490	516329	189669	95003	42861	14298	4222	1862
1955	2239110	748939	216930	75623	34829	15723	5420	2301
1956	1368750	728105	315923	88063	28634	13304	6229	3056
1957	1136790	444969	304278	121906	30233	9643	4587	3180
1958	1731570	369415	183649	110504	37400	8828	2843	2262
1959	1432200	562817	153643	69568	36788	12132	2923	1681
1960	1588900	465476	233288	57009	22224	11312	3787	1424
1961	1450970	516156	189688	78957	15253	5441	2746	1238
1962	1493800	471566	213565	69302	24385	4483	1614	1167
1963	1606230	485481	195048	77927	21359	7149	1327	813
1964	2552000	521944	199829	69440	22932	5903	1983	585
1965	3330210	829652	218216	77104	23799	7701	2029	876
1966	2901140	1082730	347548	84820	26747	8109	2688	1007
1967	2789250	942648	443441	119133	23038	6649	1999	891
1968	2527750	906337	386951	154178	33286	5941	1706	727
1969	1968340	821258	370711	132701	42114	8352	1480	594
1970	2059230	639493	335777	127203	36355	10616	2093	509
1971	2560970	669009	261476	115652	35184	9287	2700	648
1972	3401780	832177	275329	93143	34103	9755	2585	916
1973	4205380	1105640	344797	101178	29062	10151	2935	1039
1974	2643640	1367190	462147	132322	34222	9584	3417	1325
1975	2230450	859656	576914	187498	49906	12988	3768	1860
1976	3208980	725234	361963	232550	70103	18761	5057	2187
1977	6934950	1043660	306832	147301	87777	26583	7363	2837
1978	5638430	2255760	444117	129437	59744	36545	11570	4449
1979	3342780	1833820	959921	191283	55361	26779	17294	7631
1980	5551690	1087240	779380	407862	79490	23891	12150	11365
1981	5608730	1805100	457231	315914	156001	30946	9690	9570
1982	3700820	1824130	763468	186806	120780	60284	12414	7753

1983	2297960	1203470	770778	313845	72579	47716	24792	8325
1984	1974510	747342	508730	316080	121519	28580	19564	13593
1985	2063960	642022	313678	198224	109460	41195	9908	11419
1986	3098840	671009	268259	119917	66461	35668	13683	7042
1987	1883520	1007490	279945	100164	38002	20045	10857	6235
1988	1177030	612275	418593	102045	30218	10742	5676	4763
1989	1190420	382572	253403	150717	30262	8377	2980	2850
1990	878318	386959	158253	90787	44468	8354	2315	1588
1991	1758670	285359	158115	53872	24306	10812	2004	915
1992	2081900	571742	117649	52959	13353	5232	2243	585
1993	1411160	676908	242526	48015	19468	4780	1902	1014
1994	1192530	458979	287842	105840	20662	8652	2219	1355
1995	1170000	387785	192781	114612	39211	7526	3209	1310
1996	886141	380190	161251	74955	41076	14171	2791	1661
1997	1638480	287971	156554	57171	21299	10750	3690	1125
1998	1652670	532410	119622	56044	15888	5178	2528	1093
1999	1699950	536775	220263	44225	16286	4018	1245	833
2000	1329610	552414	223254	81755	12765	3866	873	419
2001	1710130	432047	227011	77722	21636	2798	761	233
2002	1111690	555691	179068	79401	20475	4781	563	182
2003	1343360	361342	232689	69911	25992	6093	1370	202
2004	2309540	436661	151514	90424	22990	7599	1696	413
2005	1801130	750623	183296	59001	29208	6567	2024	526
2006	2160900	585236	313155	73280	20969	9655	2108	781
2007	2242030	702735	246682	123517	24770	6301	2720	764
2008	2089850	729327	300001	103162	45464	8323	2001	1045
2009	2159150	679790	310713	129290	41080	16968	3011	1059
2010	1998580	702304	287911	131127	51185	15225	6063	1410
2011	2149030	650061	297124	120060	51014	18897	5405	2574
2012	2874010	698970	274572	122358	44394	17339	6094	2450
2013	2979990	934474	293660	109729	41182	12522	4349	1948

2014	2106480	969212	395132	122725	41250	13611	3733	1737
2015	1958780	685034	408534	164187	46152	13667	4035	1470
2016	1163550	637004	288226	168487	61587	15379	4088	1488
2017	1259680	378506	269355	121720	67064	22863	5358	1829
2018	500078	409775	160160	114553	49283	25660	8360	2522
2019	1397720	162699	173748	69136	48184	20017	10159	4236

Table 2.1.12. Eastern Baltic cod in SDs 24-32. Fishing mortality-at-age.

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1946	0.001	0.029	0.166	0.327	0.423	0.468	0.486	0.493	0.495	0.495	0.495	0.495	0.495	0.501
1947	0.001	0.037	0.214	0.422	0.546	0.604	0.627	0.636	0.639	0.639	0.639	0.639	0.639	0.645
1948	0.001	0.044	0.244	0.476	0.615	0.679	0.705	0.715	0.718	0.718	0.718	0.718	0.718	0.724
1949	0.001	0.043	0.238	0.462	0.595	0.657	0.682	0.691	0.694	0.695	0.695	0.695	0.695	0.700
1950	0.001	0.045	0.248	0.483	0.622	0.687	0.713	0.723	0.726	0.727	0.727	0.727	0.727	0.732
1951	0.001	0.045	0.249	0.486	0.626	0.691	0.718	0.728	0.731	0.731	0.732	0.732	0.732	0.736
1952	0.001	0.051	0.280	0.542	0.698	0.770	0.799	0.810	0.813	0.814	0.814	0.814	0.814	0.819
1953	0.001	0.037	0.205	0.398	0.513	0.566	0.587	0.595	0.598	0.598	0.598	0.598	0.598	0.603
1954	0.001	0.041	0.223	0.431	0.554	0.611	0.634	0.643	0.645	0.646	0.646	0.646	0.646	0.652
1955	0.001	0.037	0.205	0.398	0.514	0.567	0.589	0.597	0.599	0.600	0.600	0.600	0.600	0.606
1956	0.001	0.046	0.255	0.496	0.640	0.706	0.733	0.743	0.746	0.746	0.747	0.747	0.747	0.753
1957	0.002	0.059	0.316	0.609	0.782	0.862	0.895	0.907	0.910	0.911	0.912	0.912	0.912	0.919
1958	0.001	0.051	0.274	0.527	0.677	0.746	0.774	0.785	0.788	0.789	0.789	0.789	0.789	0.795
1959	0.002	0.054	0.295	0.568	0.730	0.805	0.836	0.847	0.851	0.851	0.852	0.852	0.852	0.857
1960	0.002	0.071	0.387	0.746	0.958	1.057	1.097	1.111	1.116	1.117	1.117	1.117	1.117	1.122
1961	0.002	0.056	0.310	0.602	0.776	0.856	0.889	0.901	0.904	0.905	0.905	0.905	0.905	0.911
1962	0.002	0.057	0.311	0.604	0.778	0.859	0.891	0.903	0.907	0.908	0.908	0.908	0.908	0.914
1963	0.002	0.061	0.336	0.650	0.837	0.923	0.959	0.971	0.975	0.976	0.977	0.977	0.977	0.982
1964	0.001	0.046	0.255	0.498	0.642	0.709	0.736	0.746	0.750	0.750	0.750	0.750	0.750	0.756
1965	0.001	0.044	0.248	0.486	0.628	0.693	0.720	0.730	0.733	0.734	0.734	0.734	0.734	0.739
1966	0.002	0.066	0.374	0.731	0.943	1.042	1.082	1.096	1.101	1.102	1.102	1.102	1.102	1.108
1967	0.002	0.064	0.360	0.702	0.906	1.001	1.040	1.054	1.058	1.059	1.059	1.059	1.059	1.066