

Year	a1	a2	a3	a4	a5	a6	a7	a8
2018	289	3581	5709	8637	6310	4696	1850	685
2019	9	1040	5174	3758	3575	2044	1342	671

Table 2.1.10. Eastern Baltic cod in SDs 24-32. Spawning stock biomass (SSB, at the spawning time), recruitment at age 0 and fishing mortality (Fbar for ages 4-6). “High” and “low” values correspond to 90% confidence intervals.

Years	SSB	SSBhigh90	SSBlow90	F _{bar}	Fhigh90	Flow90	R	Rhigh90	Rlow90
1946	61104	67697	54511	0.408	0.449	0.367	2121700	2381953	1889883
1947	80460	87963	72957	0.53	0.576	0.484	3083430	3397443	2798440
1948	103496	112198	94794	0.598	0.644	0.552	3647870	3993712	3331977
1949	111881	121777	101985	0.577	0.623	0.531	3734020	4083400	3414534
1950	117596	127777	107415	0.605	0.651	0.559	2918160	3228164	2637926
1951	129241	139555	118927	0.611	0.655	0.567	2334190	2616851	2082060
1952	132384	142956	121812	0.682	0.73	0.634	2682560	2991359	2405638
1953	137908	149336	126480	0.501	0.539	0.463	3885230	4249901	3551850
1954	132019	143875	120163	0.542	0.585	0.499	3746480	4095539	3427171
1955	133137	144672	121602	0.504	0.543	0.465	2267440	2536891	2026608
1956	137334	147459	127209	0.63	0.671	0.589	1880490	2122784	1665852
1957	127961	136775	119147	0.775	0.821	0.729	2930820	3211722	2674486
1958	111976	120639	103313	0.677	0.721	0.633	2472010	2727821	2240188
1959	93023	101505	84541	0.741	0.799	0.683	2724370	2987891	2484091
1960	78529	84331	72727	0.971	1.01	0.932	2460990	2721856	2225126
1961	78880	84855	72905	0.781	0.834	0.728	2519200	2797443	2268632
1962	82265	88375	76155	0.773	0.824	0.722	2691080	3002934	2411612
1963	80550	87095	74005	0.828	0.887	0.769	4178300	4595227	3799201
1964	87482	94967	79997	0.635	0.683	0.587	5357260	5847919	4907769
1965	100522	108842	92202	0.625	0.671	0.579	4773510	5367374	4245353
1966	109504	116280	102728	0.931	0.961	0.901	4725570	5543227	4028522
1967	125250	132527	117973	0.919	0.947	0.891	4379750	4872120	3937138
1968	129940	140387	119493	0.951	0.994	0.908	3402100	3837222	3016318
1969	127506	143611	111401	0.949	1.015	0.883	3503860	3916800	3134455

Years	SSB	SSBhigh90	SSBlow90	F _{bar}	Fhigh90	Flow90	R	Rhigh90	Rlow90
1970	120599	139632	101566	0.939	1.051	0.827	4336760	4813106	3907557
1971	113719	131034	96404	0.839	0.956	0.722	5750870	6320434	5232632
1972	115754	130320	101188	0.76	0.846	0.674	7111350	7755097	6521041
1973	137581	151769	123393	0.655	0.718	0.592	4449970	4987323	3970513
1974	189358	205120	173596	0.514	0.555	0.473	3754460	4268040	3302680
1975	238145	256107	220183	0.521	0.557	0.485	5409470	6068077	4822346
1976	237914	258666	217162	0.511	0.55	0.472	11725200	12728157	10801274
1977	244151	267826	220476	0.419	0.455	0.383	9532210	10482528	8668045
1978	302127	328120	276134	0.349	0.377	0.321	5656850	6413229	4989679
1979	398005	425562	370448	0.386	0.411	0.361	9460860	10363964	8636451
1980	447717	477375	418059	0.485	0.515	0.455	9574980	10425491	8793854
1981	413034	443442	382626	0.491	0.522	0.46	6310890	6967388	5716250
1982	438851	467502	410200	0.469	0.497	0.441	3918480	4377934	3507245
1983	438149	461962	414336	0.47	0.493	0.447	3351990	3707428	3030629
1984	374175	392341	356009	0.611	0.637	0.585	3503470	3796147	3233358
1985	281607	295154	268060	0.647	0.673	0.621	5248970	5544798	4968926
1986	195008	206811	183205	0.721	0.762	0.68	3179640	3403524	2970483
1987	150848	157624	144072	0.779	0.794	0.764	1984940	2147326	1834834
1988	142784	148795	136773	0.808	0.843	0.773	2008720	2157886	1869865
1989	119434	124622	114246	0.811	0.841	0.781	1481330	1610206	1362769
1990	89758	94632	84884	0.936	0.979	0.893	2964900	3176673	2767245
1991	57757	61371	54143	1.044	1.082	1.006	3521850	3751231	3306495
1992	61420	67829	55011	0.556	0.605	0.507	2382010	2564734	2212304
1993	103428	113869	92987	0.351	0.382	0.32	2003650	2163237	1855836
1994	120209	130783	109635	0.544	0.582	0.506	1969950	2123750	1827288
1995	131609	141234	121984	0.553	0.584	0.522	1473190	1611956	1346369
1996	93180	100311	86049	0.855	0.904	0.806	2765110	2998141	2550191
1997	62740	68249	57231	0.919	0.985	0.853	2810900	3065591	2577369
1998	55725	60706	50744	0.89	0.962	0.818	2854730	3116788	2614706

Years	SSB	SSBhigh90	SSBlow90	F _{bar}	Fhigh90	Flow90	R	Rhigh90	Rlow90
1999	51891	56668	47114	0.957	1.038	0.876	2191670	2440845	1967932
2000	61631	66449	56813	1.04	1.116	0.964	2839640	3094429	2605830
2001	75266	80657	69875	1.015	1.087	0.943	1885830	2079278	1710379
2002	84111	89831	78391	0.73	0.783	0.677	2289100	2499220	2096646
2003	85225	90913	79537	0.747	0.8	0.694	3893320	4196135	3612358
2004	74205	79836	68574	0.766	0.824	0.708	3048680	3335112	2786848
2005	92100	98435	85765	0.604	0.648	0.56	3761230	4121903	3432117
2006	91452	98124	84780	0.678	0.727	0.629	3955220	4349370	3596789
2007	89606	96808	82404	0.547	0.59	0.504	3720100	4117847	3360772
2008	127427	137044	117810	0.414	0.447	0.381	3899100	4330245	3510883
2009	139592	150113	129071	0.393	0.424	0.362	3379590	3802748	3003520
2010	143031	153778	132284	0.372	0.402	0.342	3605750	4072888	3192190
2011	127333	137210	117456	0.417	0.45	0.384	4855190	5447818	4327030
2012	102702	111300	94104	0.562	0.611	0.513	4993910	5612196	4443740
2013	96851	105112	88590	0.414	0.453	0.375	3242640	3717697	2828287
2014	105503	114391	96615	0.408	0.446	0.37	2918140	3359716	2534601
2015	126145	136559	115731	0.401	0.437	0.365	2145850	2530387	1819750
2016	113509	122858	104160	0.303	0.331	0.275	3310880	3812158	2875518
2017	93161	100971	85351	0.285	0.311	0.259	1769730	2198230	1424757
2018	90045	97744	82346	0.217	0.238	0.196	118322	193664	72291
2019	84527	92110	76944	0.117	0.129	0.105	NA	NA	NA
2020	68652	76250	61054	NA	NA	NA	NA	NA	NA

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

Year	Age1	Age2	Age3	Age4	Age5	Age6	Age7	Age8+
1946	2250270	443769	121847	25327	10251	4714	1890	2216
1947	1257260	731856	188751	51539	10309	4277	2054	1807
1948	1827150	408803	308746	76070	19032	3787	1618	1463
1949	2161620	593967	171357	120743	26569	6515	1326	1075