

Table 30. Gulf of Maine Atlantic cod January 1 biomass and spawning stock biomass from 1982 to 2018 as estimated from the M=0.2 and M-ramp models.

Year	M=0.2		M-ramp	
	January 1 biomass (mt)	Spawning stock biomass (mt)	January 1 biomass (mt)	Spawning stock biomass (mt)
1982	41,669	25,323	41,131	24,652
1983	32,253	19,707	31,918	19,234
1984	26,892	16,703	26,708	16,353
1985	25,895	15,548	25,823	15,293
1986	23,824	14,134	23,801	13,940
1987	22,894	13,511	22,951	13,400
1988	22,771	13,819	23,094	13,900
1989	30,250	18,070	31,373	18,518
1990	36,660	22,925	38,647	23,921
1991	29,178	18,902	30,910	19,820
1992	20,231	12,117	21,798	12,835
1993	15,317	8,655	16,969	9,401
1994	13,740	7,859	15,845	8,932
1995	13,590	8,667	16,352	10,302
1996	13,595	8,915	17,073	11,038
1997	11,992	7,954	16,005	10,419
1998	10,826	7,260	15,352	10,062
1999	11,820	8,053	17,860	11,650
2000	16,453	10,506	25,574	15,381
2001	20,131	13,742	31,016	20,529
2002	18,704	13,921	28,749	20,660
2003	15,995	11,869	23,900	17,025
2004	15,085	10,886	22,102	15,268
2005	12,926	8,913	18,684	12,397
2006	11,855	8,114	17,944	11,479
2007	15,542	10,354	22,798	14,043
2008	17,627	11,824	24,345	15,440
2009	18,281	12,189	24,534	15,548
2010	15,273	10,262	19,568	12,606
2011	10,760	6,723	13,212	8,009
2012	6,119	3,524	7,733	4,221
2013	3,540	1,874	4,599	2,361
2014	2,676	1,263	4,063	1,809
2015	2,550	1,439	4,135	2,164
2016	3,329	2,258	4,714	3,023
2017	4,023	3,051	5,021	3,593
2018	4,915	3,752	5,497	3,838