

Table A.50. Mean January 1/spawning stock weights-at-age (kg) of Gulf of Maine Atlantic cod from 1982 to 2011 an age 9⁺ group. Weights were estimated from catch weights using Rivard (1980, 1982) approach. Cells shaded grey were imputed using a 5-year centered moving average, cells shaded red were imputed using a time series average. **Only ages 1 through the 9⁺ group are used as assessment model inputs.*

| Year | Age0 | Age1 | Age2 | Age3 | Age4 | Age5 | Age6 | Age7 | Age8 | Age9+ |
|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 1982 | 0.002 | 0.241 | 0.594 | 1.165 | 2.127 | 4.635 | 7.622 | 9.289 | 9.695 | 15.664 |
| 1983 | 0.008 | 0.050 | 0.501 | 1.114 | 1.894 | 3.136 | 5.539 | 6.549 | 9.962 | 13.325 |
| 1984 | 0.000 | 0.075 | 0.372 | 1.019 | 2.021 | 2.952 | 4.593 | 7.118 | 7.845 | 14.828 |
| 1985 | 0.015 | 0.014 | 0.403 | 0.910 | 2.013 | 3.532 | 4.608 | 6.863 | 9.700 | 13.676 |
| 1986 | 0.001 | 0.104 | 0.316 | 1.077 | 1.917 | 3.670 | 5.504 | 6.908 | 9.315 | 14.646 |
| 1987 | 0.001 | 0.028 | 0.406 | 0.777 | 2.273 | 3.574 | 5.889 | 8.079 | 9.487 | 14.582 |
| 1988 | 0.000 | 0.022 | 0.293 | 0.980 | 1.709 | 4.010 | 4.927 | 6.705 | 10.069 | 12.993 |
| 1989 | 0.022 | 0.027 | 0.292 | 0.887 | 2.179 | 3.172 | 5.578 | 6.945 | 8.799 | 20.913 |
| 1990 | 0.006 | 0.095 | 0.431 | 0.937 | 1.742 | 3.627 | 5.750 | 8.043 | 10.440 | 18.718 |
| 1991 | 0.007 | 0.071 | 0.450 | 1.083 | 1.689 | 2.846 | 5.654 | 8.972 | 11.518 | 14.060 |
| 1992 | 0.012 | 0.028 | 0.476 | 1.215 | 2.026 | 2.564 | 4.629 | 8.832 | 10.453 | 14.483 |
| 1993 | 0.012 | 0.046 | 0.191 | 1.254 | 1.702 | 3.449 | 4.083 | 7.388 | 12.219 | 15.708 |
| 1994 | 0.010 | 0.038 | 0.236 | 1.003 | 2.244 | 2.571 | 5.294 | 6.601 | 11.095 | 11.846 |
| 1995 | 0.012 | 0.051 | 0.275 | 0.946 | 2.021 | 3.934 | 4.722 | 8.526 | 10.045 | 22.443 |
| 1996 | 0.022 | 0.060 | 0.356 | 1.462 | 1.784 | 2.971 | 6.185 | 8.967 | 12.844 | 16.357 |
| 1997 | 0.005 | 0.049 | 0.391 | 1.466 | 2.407 | 2.571 | 3.973 | 8.245 | 11.940 | 16.938 |
| 1998 | 0.002 | 0.059 | 0.256 | 1.445 | 2.245 | 3.423 | 3.558 | 5.739 | 10.442 | 16.676 |
| 1999 | 0.022 | 0.044 | 0.343 | 1.196 | 2.237 | 3.139 | 4.752 | 5.301 | 8.351 | 12.279 |
| 2000 | 0.009 | 0.120 | 0.461 | 1.063 | 2.257 | 3.422 | 4.773 | 5.508 | 7.882 | 12.661 |
| 2001 | 0.023 | 0.097 | 0.456 | 1.305 | 2.420 | 3.851 | 5.091 | 6.513 | 6.912 | 9.538 |
| 2002 | 0.012 | 0.089 | 0.465 | 1.050 | 2.249 | 3.247 | 5.296 | 6.514 | 7.924 | 12.152 |
| 2003 | 0.022 | 0.089 | 0.346 | 1.053 | 1.742 | 2.977 | 4.118 | 6.837 | 8.011 | 12.023 |
| 2004 | 0.011 | 0.066 | 0.351 | 0.971 | 2.110 | 2.620 | 4.199 | 5.908 | 8.627 | 13.288 |
| 2005 | 0.008 | 0.060 | 0.248 | 0.821 | 1.654 | 3.338 | 3.841 | 5.758 | 7.593 | 12.546 |
| 2006 | 0.043 | 0.089 | 0.295 | 0.808 | 1.890 | 2.467 | 4.076 | 4.912 | 6.744 | 12.137 |
| 2007 | 0.009 | 0.124 | 0.450 | 0.925 | 1.771 | 3.005 | 3.723 | 5.020 | 6.329 | 12.394 |
| 2008 | 0.046 | 0.085 | 0.420 | 1.117 | 1.888 | 2.892 | 3.630 | 5.147 | 6.803 | 12.040 |
| 2009 | 0.014 | 0.171 | 0.480 | 1.248 | 2.283 | 2.908 | 3.658 | 4.735 | 6.735 | 12.878 |
| 2010 | 0.006 | 0.100 | 0.589 | 1.168 | 2.328 | 3.198 | 3.685 | 4.778 | 7.153 | 11.612 |
| 2011 | 0.084 | 0.087 | 0.492 | 1.353 | 1.972 | 3.262 | 4.114 | 4.788 | 5.751 | 12.995 |