

Table A.88. Gulf of Maine Atlantic cod January 1 numbers-at-age (000s) from 1982 to 2011 as estimated from the ASAP SAW55\_3BLOCK\_BASE ( $M = 0.2$ ) model. Summary statistics reported (i.e., median, mean and geometric mean) include only the years 1982-2009, which was the recruitment series used in the reference points determination and stock projections.

| Year                         | Age1   | Age2   | Age3   | Age4  | Age5  | Age6 | Age7 | Age8 | Age9+ |
|------------------------------|--------|--------|--------|-------|-------|------|------|------|-------|
| 1982                         | 10,579 | 12,112 | 5,124  | 2,988 | 1,708 | 157  | 222  | 148  | 232   |
| 1983                         | 11,545 | 8,337  | 7,799  | 2,313 | 1,198 | 673  | 62   | 87   | 149   |
| 1984                         | 11,450 | 9,033  | 5,128  | 3,143 | 809   | 411  | 231  | 21   | 81    |
| 1985                         | 8,912  | 9,002  | 5,727  | 2,228 | 1,203 | 305  | 154  | 87   | 38    |
| 1986                         | 14,069 | 6,958  | 5,466  | 2,236 | 750   | 397  | 100  | 51   | 41    |
| 1987                         | 15,005 | 11,031 | 4,337  | 2,277 | 814   | 268  | 142  | 36   | 33    |
| 1988                         | 27,950 | 11,771 | 6,901  | 1,823 | 838   | 294  | 97   | 51   | 25    |
| 1989                         | 4,279  | 22,155 | 7,860  | 3,409 | 814   | 369  | 129  | 42   | 33    |
| 1990                         | 4,224  | 3,453  | 16,754 | 4,623 | 1,377 | 278  | 122  | 42   | 25    |
| 1991                         | 7,479  | 3,398  | 2,564  | 9,128 | 1,585 | 384  | 74   | 32   | 18    |
| 1992                         | 7,445  | 6,004  | 2,494  | 1,332 | 2,826 | 390  | 90   | 17   | 12    |
| 1993                         | 9,665  | 5,968  | 4,374  | 1,255 | 386   | 640  | 84   | 19   | 6     |
| 1994                         | 3,254  | 7,726  | 4,280  | 2,063 | 316   | 74   | 115  | 15   | 4     |
| 1995                         | 3,451  | 2,604  | 5,579  | 2,077 | 552   | 65   | 14   | 22   | 4     |
| 1996                         | 2,741  | 2,782  | 1,957  | 3,193 | 791   | 176  | 20   | 4    | 8     |
| 1997                         | 4,503  | 2,208  | 2,084  | 1,105 | 1,183 | 243  | 52   | 6    | 4     |
| 1998                         | 3,939  | 3,634  | 1,669  | 1,223 | 445   | 402  | 80   | 17   | 3     |
| 1999                         | 7,865  | 3,184  | 2,770  | 1,015 | 531   | 166  | 145  | 29   | 7     |
| 2000                         | 4,693  | 6,391  | 2,500  | 1,905 | 572   | 274  | 84   | 73   | 18    |
| 2001                         | 1,170  | 3,805  | 4,959  | 1,636 | 967   | 260  | 121  | 37   | 40    |
| 2002                         | 5,171  | 947    | 2,927  | 3,134 | 770   | 399  | 104  | 48   | 31    |
| 2003                         | 1,904  | 4,196  | 738    | 1,952 | 1,654 | 367  | 186  | 48   | 37    |
| 2004                         | 6,304  | 1,542  | 3,241  | 474   | 951   | 713  | 154  | 78   | 36    |
| 2005                         | 3,922  | 5,106  | 1,190  | 2,077 | 230   | 408  | 298  | 64   | 47    |
| 2006                         | 6,590  | 3,195  | 4,050  | 819   | 976   | 82   | 135  | 98   | 36    |
| 2007                         | 5,296  | 5,373  | 2,546  | 2,859 | 418   | 393  | 31   | 51   | 50    |
| 2008                         | 4,513  | 4,319  | 4,286  | 1,808 | 1,487 | 173  | 154  | 12   | 39    |
| 2009                         | 3,532  | 3,676  | 3,423  | 2,938 | 840   | 520  | 56   | 49   | 16    |
| 2010                         | 2,177  | 2,876  | 2,910  | 2,329 | 1,333 | 283  | 163  | 17   | 20    |
| 2011                         | 1,175  | 1,774  | 2,285  | 2,020 | 1,127 | 495  | 99   | 56   | 13    |
| 1982-2009 median recruitment | 5,234  |        |        |       |       |      |      |      |       |
| 1982-2009 mean recruitment   | 7,195  |        |        |       |       |      |      |      |       |
| 1982-2009 geometric mean     | 5,792  |        |        |       |       |      |      |      |       |