|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bogoslof Survey Area | | |  | Central Bering Sea Specific Area | |
|  | Biomass | Area | Relative estimation | Biomass | Relative estimation |
| Year | (million t) | (nmi2) | error (%) | (million t) | error (%) |
|  |  |  |  |  |  |
| 1988 | 2.396 | -- | -- | 2.396 | -- |
| 1989 | 2.126 | -- | -- | 2.084 | -- |
| 1990 | -- | No survey | -- | -- | -- |
| 1991 | 1.289 | 8,411 | 11.7 | 1.283 | -- |
| 1992 | 0.940 | 8,794 | 20.4 | 0.888 | -- |
| 1993 | 0.635 | 7,743 | 9.2 | 0.631 | -- |
| 1994 | 0.490 | 6,412 | 11.6 | 0.490 | -- |
| 1995 | 1.104 | 7,781 | 10.7 | 1.020 | -- |
| 1996 | 0.682 | 7,898 | 19.6 | 0.582 | -- |
| 1997 | 0.392 | 8,321 | 14.0 | 0.342 | -- |
| 1998 | 0.492 | 8,796 | 19.0 | 0.432 | 19.0 |
| 1999 | 0.475 | Conducted by Japan Fisheries Agency | | 0.393 | -- |
| 2000 | 0.301 | 7,863 | 14.3 | 0.270 | 12.7 |
| 2001 | 0.232 | 5,573 | 10.2 | 0.208 | 11.8 |
| 2002 | 0.226 | 2,903 | 12.2 | 0.226 | 12.2 |
| 2003 | 0.198 | 2,993 | 21.5 | 0.198 | 21.5 |
| 2004 | -- | No survey | -- | -- | -- |
| 2005 | 0.253 | 3,112 | 16.7 | 0.253 | 16.7 |
| 2006 | 0.240 | 1,803 | 11.8 | 0.240 | 11.8 |
| 2007 | 0.292 | 1,871 | 11.5 | 0.292 | 11.5 |
| 2008 | -- | No survey | -- | -- | -- |
| 2009 | 0.110 | 1,803 | 19.2 | 0.110 | 19.2 |
| 2010 | -- | No survey | -- | -- | -- |
| 2011 | -- | No survey | -- | -- | -- |
| 2012 | 0.067 | 3,656 | -- | 0.067 | 9.8\* |
| 2013 | -- | No survey | -- | -- | -- |
| 2014 | 0.112 | 1,150 | 11.8 | 0.112 | 11.8 |
| 2015 | -- | No survey | -- | -- | -- |
| 2016 | 0.508 | 1,400 | 11.0 | 0.508 | 11.0 |
| 2017 | -- | No survey | -- | -- | -- |
| 2018 | 0.663 | 1,500 | 42.5 | 0.663 | 42.5 |
| 2019 | -- | No survey | -- | -- | -- |
| 2020 | 0.353 | 1,449 | 15.8 | 0.353 | 15.8 |
| 2024 | 0.245 | 1,271 | 13.3 | 0.245 | 13.3 |
|  |  |  |  |  |  |
| \* The relative error for 2012 was computed for the primary survey area represented by transects 1-35 (1,455 nmi2) | | | | | |
|  |  |  |  |  |  |