|  | **VAST** | | | | **Design-based** | |
| --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Survey population** | **Survey sigma** | **CPUE Index** | **CPUE index sigma** | **Survey population** | **Survey sigma** |
| 1987 | 827,910,820 | 0.058 |  |  | 698,609,300 | 0.064 |
| 1988 | 547,101,763 | 0.044 |  |  | 512,360,645 | 0.070 |
| 1989 | 360,136,669 | 0.058 |  |  | 301,283,394 | 0.066 |
| 1990 | 473,699,475 | 0.052 |  |  | 439,009,229 | 0.084 |
| 1991 | 514,740,296 | 0.052 |  |  | 498,850,467 | 0.103 |
| 1992 | 558,668,040 | 0.057 |  |  | 587,304,176 | 0.117 |
| 1993 | 828,313,265 | 0.057 |  |  | 817,857,214 | 0.122 |
| 1994 | 1,176,240,822 | 0.050 |  |  | 1,260,690,441 | 0.122 |
| 1995 | 722,896,871 | 0.049 |  |  | 764,228,127 | 0.099 |
| 1996 | 613,729,432 | 0.060 | 61,555 | 0.044 | 615,809,466 | 0.143 |
| 1997 | 523,444,143 | 0.056 | 66,186 | 0.051 | 494,486,664 | 0.143 |
| 1998 | 619,360,780 | 0.072 | 54,007 | 0.044 | 524,149,999 | 0.090 |
| 1999 | 524,679,967 | 0.055 | 47,852 | 0.040 | 542,810,224 | 0.100 |
| 2000 | 520,732,683 | 0.057 | 57,484 | 0.045 | 489,723,433 | 0.090 |
| 2001 | 1,012,604,304 | 0.056 | 42,951 | 0.044 | 977,116,905 | 0.094 |
| 2002 | 632,552,438 | 0.071 | 57,874 | 0.049 | 545,304,209 | 0.099 |
| 2003 | 626,822,759 | 0.080 | 44,034 | 0.029 | 517,535,040 | 0.120 |
| 2004 | 494,053,564 | 0.083 | 44,302 | 0.028 | 405,251,779 | 0.085 |
| 2005 | 506,513,065 | 0.073 | 42,042 | 0.028 | 465,249,132 | 0.137 |
| 2006 | 441,760,136 | 0.047 | 48,206 | 0.042 | 407,949,965 | 0.059 |
| 2007 | 597,084,961 | 0.052 | 49,488 | 0.034 | 758,497,682 | 0.261 |
| 2008 | 484,226,694 | 0.051 | 49,345 | 0.034 | 494,359,348 | 0.101 |
| 2009 | 714,576,551 | 0.046 | 50,719 | 0.039 | 724,773,831 | 0.087 |
| 2010 | 752,333,289 | 0.049 | 57,249 | 0.037 | 908,910,258 | 0.130 |
| 2011 | 862,264,620 | 0.048 | 56,278 | 0.044 | 847,967,416 | 0.094 |
| 2012 | 1,051,417,095 | 0.059 | 57,626 | 0.042 | 996,959,215 | 0.092 |
| 2013 | 760,764,997 | 0.056 | 55,745 | 0.038 | 764,239,270 | 0.165 |
| 2014 | 1,231,901,647 | 0.068 | 44,066 | 0.038 | 1,134,482,392 | 0.127 |
| 2015 | 1,083,986,346 | 0.067 | 43,285 | 0.041 | 989,903,729 | 0.115 |
| 2016 | 944,269,500 | 0.094 | 52,806 | 0.035 | 662,134,411 | 0.093 |
| 2017 | 520,888,531 | 0.044 | 46,191 | 0.028 | 500,634,050 | 0.073 |
| 2018 | 528,569,516 | 0.063 | 56,880 | 0.035 | 249,081,430 | 0.071 |
| 2019 | 762,871,107 | 0.051 | 48,238 | 0.048 | 730,701,587 | 0.092 |
| 2021 | 608,971,280 | 0.056 | 42,389 | 0.048 | 551,453,352 | 0.072 |
| 2022 | 554,472,678 | 0.049 | 48,827 | 0.051 | 511,194,737 | 0.064 |