

Detail: L - BSH

| Gear | Flag | Year | Region | Aggregate Data        |      |      | Operational Data |            |      |      | Length Data |         |      |      |          |         |
|------|------|------|--------|-----------------------|------|------|------------------|------------|------|------|-------------|---------|------|------|----------|---------|
|      |      |      |        | Annual Catch Estimate | Area | Time | Catch recs       | Catch recs | Area | Time | Size int    | Samples | Area | Time | Size int | Samples |
| L    | AU   | 1989 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 10      | 5x5  | MON  | 1        | 5       |
| L    | AU   | 1990 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 468     | 5x5  | MON  | 1        | 234     |
| L    | AU   | 1991 | WCPFC  | 1                     | 5x5  | MON  | 8                | 289        | 1x1  | MON  | 1           | 11,325  | 5x5  | MON  | 1        | 2,826   |
| L    | AU   | 1992 | WCPFC  | 28                    | 5x5  | MON  | 25               | 3,140      | 1x1  | MON  | 1           | 2,422   | 5x5  | MON  | 1        | 617     |
| L    | AU   | 1993 | WCPFC  | 26                    | 5x5  | MON  | 30               | 3,546      | 1x1  | MON  | 1           | 7,031   | 5x5  | MON  | 1        | 1,776   |
| L    | AU   | 1994 | WCPFC  | 13                    | 5x5  | MON  | 28               | 2,521      | 1x1  | MON  | 1           | 3,732   | 5x5  | MON  | 1        | 1,022   |
| L    | AU   | 1995 | WCPFC  | 403                   | 5x5  | MON  | 13               | 990        | 1x1  | MON  | 1           | 3,337   | 5x5  | MON  | 1        | 838     |
| L    | AU   | 1996 | WCPFC  | 42                    | 5x5  | MON  | 91               | 838        | 1x1  | MON  | 1           | 19,659  | 5x5  | MON  | 1        | 1,528   |
| L    | AU   | 1997 | WCPFC  | 65                    | 5x5  | MON  | 119              | 1,531      | 1x1  | MON  | 1           | 3,360   | 5x5  | MON  | 1        | 892     |
| L    | AU   | 2002 | WCPFC  | 39                    | 5x5  | MON  | 169              | 2,222      | 1x1  | MON  | 1           | 120     | 5x5  | MON  | 1        | 30      |
| L    | AU   | 2003 | WCPFC  | 14                    | 5x5  | MON  | 165              | 2,469      | 1x1  | MON  | 1           | 184     | 5x5  | MON  | 1        | 46      |
| L    | AU   | 2004 | WCPFC  | 37                    | 5x5  | MON  | 147              | 2,045      | 1x1  | MON  | 1           | 316     | 5x5  | MON  | 1        | 79      |
| L    | AU   | 2005 | WCPFC  | 11                    | 5x5  | MON  | 120              | 1,949      | 1x1  | MON  | 1           | 504     | 5x5  | MON  | 1        | 125     |
| L    | AU   | 2006 | WCPFC  | 10                    | 5x5  | MON  | 105              | 1,164      | 1x1  | MON  | 1           | 468     | 5x5  | MON  | 1        | 56      |
| L    | AU   | 2007 | WCPFC  | 9                     | 5x5  | MON  | 99               | 939        | 1x1  | MON  | 1           | 200     | 5x5  | MON  | 1        | 49      |
| L    | AU   | 2008 | WCPFC  | 6                     | 5x5  | MON  | 77               | 776        | 1x1  | MON  | 1           | 312     | 5x5  | MON  | 1        | 78      |
| L    | AU   | 2009 | WCPFC  | 23                    | 5x5  | MON  | 109              | 1,210      | 1x1  | MON  | 1           | 716     | 5x5  | MON  | 1        | 173     |
| L    | AU   | 2010 | WCPFC  | 13                    | 5x5  | MON  | 117              | 1,261      | 1x1  | MON  | 1           | 1,924   | 5x5  | MON  | 1        | 150     |
| L    | AU   | 2011 | WCPFC  | 9                     | 5x5  | MON  | 83               | 991        | 1x1  | MON  | 1           | 1,860   | 5x5  | MON  | 1        | 462     |
| L    | AU   | 2012 | WCPFC  | 119                   | 5x5  | MON  | 82               | 1,054      | 1x1  | MON  | 1           | 1,220   | 5x5  | MON  | 1        | 305     |
| L    | AU   | 2013 | WCPFC  | 121                   | 5x5  | MON  | 85               | 1,214      | 1x1  | MON  | 1           | 3,756   | 5x5  | MON  | 1        | 938     |
| L    | AU   | 2014 | WCPFC  | 196                   | 5x5  | MON  | 104              | 1,340      | 1x1  | MON  | 1           | 844     | 5x5  | MON  | 1        | 211     |
| L    | AU   | 2015 | WCPFC  | 209                   | 5x5  | MON  | 105              | 2,172      | 1x1  | MON  | 1           | 296     | 5x5  | MON  | 1        | 73      |
| L    | CK   | 1995 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 8       | 5x5  | MON  | 1        | 2       |
| L    | CK   | 1996 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CK   | 2002 | WCPFC  | ...                   | 5x5  | MON  | 1                | 1          | 1x1  | MON  | 1           | 88      | 5x5  | MON  | 1        | 4       |
| L    | CK   | 2006 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 11      | 5x5  | MON  | 1        | 1       |
| L    | CK   | 2008 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 34      | 5x5  | MON  | 1        | 2       |
| L    | CK   | 2009 | WCPFC  | 22                    | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CK   | 2010 | WCPFC  | 20                    | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CK   | 2011 | WCPFC  | ...                   | 5x5  | MON  | 8                | 70         | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CK   | 2013 | WCPFC  | 7                     | 5x5  | MON  | 50               | 504        | 1x1  | MON  | 1           | 17      | 5x5  | MON  | 1        | 1       |
| L    | CK   | 2014 | WCPFC  | 1                     | 5x5  | MON  | 58               | 534        | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CK   | 2015 | WCPFC  | ...                   | 5x5  | MON  | 47               | 481        | 1x1  | MON  | 1           | 12      | 5x5  | MON  | 1        | 1       |
| L    | CK   | 2016 | WCPFC  | ...                   | 5x5  | MON  | 90               | 902        | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CK   | 2017 | WCPFC  | 10                    | 5x5  | MON  | 109              | 1,202      | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CK   | 2018 | WCPFC  | 3                     | 5x5  | MON  | 96               | 1,659      | 1x1  | MON  | 1           | 108     | 5x5  | MON  | 1        | 27      |
| L    | CK   | 2019 | WCPFC  | 54                    | 5x5  | MON  | 109              | 907        | 1x1  | MON  | 1           | 18      | 5x5  | MON  | 1        | 2       |
| L    | CK   | 2021 | WCPFC  | 6                     | 5x5  | MON  | 31               | 132        | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CK   | 2022 | WCPFC  | 9                     | 5x5  | MON  | 31               | 147        | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CK   | 2023 | WCPFC  | 23                    | 5x5  | MON  | 29               | 159        | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | CN   | 1993 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 20      | 5x5  | MON  | 1        | 5       |
| L    | CN   | 1994 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 112     | 5x5  | MON  | 1        | 28      |
| L    | CN   | 1995 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 319     | 5x5  | MON  | 1        | 48      |
| L    | CN   | 1996 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 1,853   | 5x5  | MON  | 1        | 96      |
| L    | CN   | 1997 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 2,419   | 5x5  | MON  | 1        | 151     |
| L    | CN   | 1998 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 4,713   | 5x5  | MON  | 1        | 277     |
| L    | CN   | 1999 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 2,644   | 5x5  | MON  | 1        | 179     |
| L    | CN   | 2000 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 2,532   | 5x5  | MON  | 1        | 169     |
| L    | CN   | 2001 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 2,252   | 5x5  | MON  | 1        | 149     |
| L    | CN   | 2002 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 182     | 5x5  | MON  | 1        | 14      |
| L    | CN   | 2003 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 800     | 5x5  | MON  | 1        | 47      |
| L    | CN   | 2004 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 5,832   | 5x5  | MON  | 1        | 324     |
| L    | CN   | 2005 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 4,149   | 5x5  | MON  | 1        | 257     |
| L    | CN   | 2006 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 11,181  | 5x5  | MON  | 1        | 988     |
| L    | CN   | 2007 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 12,334  | 5x5  | MON  | 1        | 1,057   |
| L    | CN   | 2008 | WCPFC  | ...                   | 5x5  | MON  | 42               | ...        | 1x1  | MON  | 1           | 1,416   | 5x5  | MON  | 1        | 198     |
| L    | CN   | 2009 | WCPFC  | ...                   | 5x5  | MON  | 60               | ...        | 1x1  | MON  | 1           | 648     | 5x5  | MON  | 1        | 95      |
| L    | CN   | 2010 | WCPFC  | 506                   | 5x5  | MON  | 310              | ...        | 1x1  | MON  | 1           | 4       | 5x5  | MON  | 1        | 1       |
| L    | CN   | 2011 | WCPFC  | 726                   | 5x5  | MON  | 273              | ...        | 1x1  | MON  | 1           | 1,032   | 5x5  | MON  | 1        | 191     |
| L    | CN   | 2012 | WCPFC  | 1,126                 | 5x5  | MON  | 910              | 1,022      | 1x1  | MON  | 1           | 1,959   | 5x5  | MON  | 1        | 407     |
| L    | CN   | 2013 | WCPFC  | 453                   | 5x5  | MON  | 259              | 1,579      | 1x1  | MON  | 1           | 2,101   | 5x5  | MON  | 1        | 432     |
| L    | CN   | 2014 | WCPFC  | 206                   | 5x5  | MON  | 175              | 2,197      | 1x1  | MON  | 1           | 1,356   | 5x5  | MON  | 1        | 406     |
| L    | CN   | 2015 | WCPFC  | 372                   | 5x5  | MON  | 335              | 1,202      | 5x5  | MON  | 1           | 3       | 1x1  | MON  | 1        | 0       |
| L    | CN   | 2016 | WCPFC  | 261                   | 5x5  | MON  | 231              | 1,294      | 1x1  | MON  | 1           | 1,760   | 5x5  | MON  | 1        | 342     |
| L    | CN   | 2017 | WCPFC  | 438                   | 5x5  | MON  | 156              | 6,106      | 1x1  | MON  | 1           | 16,312  | 5x5  | MON  | 1        | 3,667   |
| L    | CN   | 2018 | WCPFC  | 546                   | 5x5  | MON  | 382              | 4,016      | 1x1  | MON  | 1           | 14,016  | 5x5  | MON  | 1        | 3,610   |
| L    | CN   | 2019 | WCPFC  | 508                   | 5x5  | MON  | 286              | 6,529      | 1x1  | MON  | 1           | 6,860   | 5x5  | MON  | 1        | 1,544   |
| L    | CN   | 2020 | WCPFC  | 436                   | 5x5  | MON  | 205              | 5,121      | 1x1  | MON  | 1           | 8,014   | 5x5  | MON  | 1        | 1,548   |
| L    | CN   | 2021 | WCPFC  | 223                   | 5x5  | MON  | 208              | 3,212      | 1x1  | MON  | 1           | 10,076  | 5x5  | MON  | 1        | 891     |
| L    | CN   | 2022 | WCPFC  | 203                   | 5x5  | MON  | 143              | 7,481      | 1x1  | MON  | 1           | 5,980   | 5x5  | MON  | 1        | 3,386   |
| L    | CN   | 2023 | WCPFC  | 208                   | 5x5  | MON  | 286              | 7,250      | 1x1  | MON  | 1           | 7,124   | 5x5  | MON  | 1        | 1,788   |
| L    | CN   | 2024 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 0       | ...  | ...  | ...      | ...     |
| L    | ES   | 2009 | WCPFC  | 1,678                 | 5x5  | MON  | 121              | 1,277      | 5x5  | QTR  | 5           | 1,184   | ...  | ...  | ...      | ...     |
| L    | ES   | 2010 | WCPFC  | 1,057                 | 5x5  | MON  | 88               | 764        | 5x5  | QTR  | 5           | 3       | ...  | ...  | ...      | ...     |
| L    | ES   | 2011 | WCPFC  | 1,664                 | 5x5  | MON  | 99               | 1,268      | 5x5  | QTR  | 5           | 19      | ...  | ...  | ...      | ...     |
| L    | ES   | 2015 | WCPFC  | 892                   | 5x5  | MON  | 73               | 719        | 5x5  | QTR  | 5           | 218     | ...  | ...  | ...      | ...     |
| L    | ES   | 2017 | WCPFC  | 1,090                 | 5x5  | MON  | 76               | 628        | 5x5  | QTR  | 5           | 842     | ...  | ...  | ...      | ...     |
| L    | ES   | 2018 | WCPFC  | 1,893                 | 5x5  | MON  | 83               | 806        | 5x5  | QTR  | 5           | 906     | ...  | ...  | ...      | ...     |
| L    | ES   | 2019 | WCPFC  | 1,611                 | 5x5  | MON  | 84               | 747        | 5x5  | QTR  | 5           | 456     | ...  | ...  | ...      | ...     |
| L    | FJ   | 1994 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 41      | 5x5  | MON  | 1        | 9       |
| L    | FJ   | 1995 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 679     | 5x5  | MON  | 1        | 125     |
| L    | FJ   | 1996 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 1,025   | 5x5  | MON  | 1        | 40      |
| L    | FJ   | 1997 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 1,929   | 5x5  | MON  | 1        | 109     |
| L    | FJ   | 1999 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 3,721   | 5x5  | MON  | 1        | 164     |
| L    | FJ   | 2001 | WCPFC  | ...                   | ...  | ...  | ...              | ...        | 1x1  | MON  | 1           | 87      | 5x5  | MON  | 1        | 5       |

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| Gear | Flag | Year | Region | Aggregate Data |     |      |      | Operational Data |       |      |      | Length Data |        |         |      |      |       |         |
|------|------|------|--------|----------------|-----|------|------|------------------|-------|------|------|-------------|--------|---------|------|------|-------|---------|
|      |      |      |        | Annual Catch   |     | Area | Time | Catch recs       | Catch |      | Area | Time        | Size   |         | Area | Time | Size  |         |
|      |      |      |        | Estimate       |     |      |      |                  | recs  | recs |      |             | int    | Samples |      |      | int   | Samples |
| L    | FJ   | 2002 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1   | MON  | 1    | 449         | 5x5    | MON     | 1    | 22   |       |         |
| L    | FJ   | 2003 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1   | MON  | 1    | 2,961       | 5x5    | MON     | 1    | 165  |       |         |
| L    | FJ   | 2004 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1   | MON  | 1    | 6,708       | 5x5    | MON     | 1    | 310  |       |         |
| L    | FJ   | 2005 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1   | MON  | 1    | 9,557       | 5x5    | MON     | 1    | 459  |       |         |
| L    | FJ   | 2006 | WCPFC  | ...            | ... | 5x5  | MON  | 2                | 5     | 1x1  | MON  | 1           | 4,471  | 5x5     | MON  | 1    | 273   |         |
| L    | FJ   | 2007 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1   | MON  | 1    | 4,434       | 5x5    | MON     | 1    | 287  |       |         |
| L    | FJ   | 2008 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1   | MON  | 1    | 5,535       | 5x5    | MON     | 1    | 346  |       |         |
| L    | FJ   | 2009 | WCPFC  | ...            | ... | 5x5  | MON  | 15               | 39    | 1x1  | MON  | 1           | 3,294  | 5x5     | MON  | 1    | 214   |         |
| L    | FJ   | 2010 | WCPFC  | ...            | ... | 5x5  | MON  | 14               | 36    | 1x1  | MON  | 1           | 2,563  | 5x5     | MON  | 1    | 175   |         |
| L    | FJ   | 2011 | WCPFC  | 374            | ... | 5x5  | MON  | 2                | 2     | 1x1  | MON  | 1           | 3,480  | 5x5     | MON  | 1    | 221   |         |
| L    | FJ   | 2012 | WCPFC  | 1,244          | ... | 5x5  | MON  | 95               | 944   | 1x1  | MON  | 1           | 957    | 5x5     | MON  | 1    | 57    |         |
| L    | FJ   | 2013 | WCPFC  | 888            | ... | 5x5  | MON  | 146              | 1,219 | 1x1  | MON  | 1           | 8,147  | 5x5     | MON  | 1    | 544   |         |
| L    | FJ   | 2014 | WCPFC  | 11             | ... | 5x5  | MON  | 86               | 440   | 1x1  | MON  | 1           | 4,751  | 5x5     | MON  | 1    | 320   |         |
| L    | FJ   | 2015 | WCPFC  | 16             | ... | 5x5  | MON  | 104              | 731   | 1x1  | MON  | 1           | 929    | 5x5     | MON  | 1    | 52    |         |
| L    | FJ   | 2016 | WCPFC  | 87             | ... | 5x5  | MON  | 111              | 1,142 | 1x1  | MON  | 1           | 130    | 5x5     | MON  | 1    | 8     |         |
| L    | FJ   | 2017 | WCPFC  | 60             | ... | 5x5  | MON  | 163              | 2,131 | 1x1  | MON  | 1           | 108    | 5x5     | MON  | 1    | 8     |         |
| L    | FJ   | 2018 | WCPFC  | 49             | ... | 5x5  | MON  | 253              | 8,627 | 1x1  | MON  | 1           | 135    | 5x5     | MON  | 1    | 7     |         |
| L    | FJ   | 2019 | WCPFC  | 89             | ... | 5x5  | MON  | 257              | 8,889 | 1x1  | MON  | 1           | 47     | 5x5     | MON  | 1    | 4     |         |
| L    | FJ   | 2020 | WCPFC  | 83             | ... | 5x5  | MON  | 282              | 7,974 | 1x1  | MON  | 1           | 29     | 5x5     | MON  | 1    | 1     |         |
| L    | FJ   | 2021 | WCPFC  | 907            | ... | 5x5  | MON  | 215              | 6,450 | 5x5  | MON  | 1           | 1      | 1x1     | MON  | 1    | 0     |         |
| L    | FJ   | 2022 | WCPFC  | 1,243          | ... | 5x5  | MON  | 197              | 5,826 | 1x1  | MON  | 1           | 48     | 5x5     | MON  | 1    | 3     |         |
| L    | FJ   | 2023 | WCPFC  | 1,277          | ... | 5x5  | MON  | 258              | 6,383 | 1x1  | MON  | 1           | 0      | ...     | ...  | ...  | ...   |         |
| L    | FJ   | 2024 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 17     | ...     | ...  | ...  | ...   |         |
| L    | FM   | 1994 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 36     | 5x5     | MON  | 1    | 9     |         |
| L    | FM   | 1995 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 4      | 5x5     | MON  | 1    | 1     |         |
| L    | FM   | 1996 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 433    | 5x5     | MON  | 1    | 16    |         |
| L    | FM   | 1997 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 586    | 5x5     | MON  | 1    | 25    |         |
| L    | FM   | 1998 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 1,273  | 5x5     | MON  | 1    | 73    |         |
| L    | FM   | 1999 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 2,452  | 5x5     | MON  | 1    | 121   |         |
| L    | FM   | 2000 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 839    | 5x5     | MON  | 1    | 51    |         |
| L    | FM   | 2001 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 1,131  | 5x5     | MON  | 1    | 66    |         |
| L    | FM   | 2002 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 551    | 5x5     | MON  | 1    | 28    |         |
| L    | FM   | 2003 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 312    | 5x5     | MON  | 1    | 17    |         |
| L    | FM   | 2004 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 2,756  | 5x5     | MON  | 1    | 148   |         |
| L    | FM   | 2005 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 2,209  | 5x5     | MON  | 1    | 114   |         |
| L    | FM   | 2006 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 4,319  | 5x5     | MON  | 1    | 316   |         |
| L    | FM   | 2007 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 2,269  | 5x5     | MON  | 1    | 186   |         |
| L    | FM   | 2008 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 439    | 5x5     | MON  | 1    | 37    |         |
| L    | FM   | 2012 | WCPFC  | 231            | ... | 5x5  | MON  | 4                | 18    | 1x1  | MON  | 1           | 112    | 5x5     | MON  | 1    | 10    |         |
| L    | FM   | 2013 | WCPFC  | 459            | ... | 5x5  | MON  | 34               | 193   | 1x1  | MON  | 1           | 0      | ...     | ...  | ...  | ...   |         |
| L    | FM   | 2014 | WCPFC  | ...            | ... | 5x5  | MON  | 70               | 393   | 1x1  | MON  | 1           | 0      | ...     | ...  | ...  | ...   |         |
| L    | FM   | 2015 | WCPFC  | ...            | ... | 5x5  | MON  | 141              | 969   | 1x1  | MON  | 1           | 10     | 5x5     | MON  | 1    | 1     |         |
| L    | FM   | 2016 | WCPFC  | 2              | ... | 5x5  | MON  | 166              | 1,324 | 1x1  | MON  | 1           | 14     | 5x5     | MON  | 1    | 1     |         |
| L    | FM   | 2017 | WCPFC  | 155            | ... | 5x5  | MON  | 171              | 1,361 | 1x1  | MON  | 1           | 0      | ...     | ...  | ...  | ...   |         |
| L    | FM   | 2018 | WCPFC  | 30             | ... | 5x5  | MON  | 206              | 2,560 | 1x1  | MON  | 1           | 0      | ...     | ...  | ...  | ...   |         |
| L    | FM   | 2019 | WCPFC  | 200            | ... | 5x5  | MON  | 207              | 2,423 | 1x1  | MON  | 1           | 208    | 5x5     | MON  | 1    | 52    |         |
| L    | FM   | 2020 | WCPFC  | 79             | ... | 5x5  | MON  | 297              | 4,984 | 1x1  | MON  | 1           | 260    | 5x5     | MON  | 1    | 65    |         |
| L    | FM   | 2021 | WCPFC  | 234            | ... | 5x5  | MON  | 229              | 3,892 | 1x1  | MON  | 1           | 0      | ...     | ...  | ...  | ...   |         |
| L    | FM   | 2022 | WCPFC  | 173            | ... | 5x5  | MON  | 185              | 2,075 | 1x1  | MON  | 1           | 220    | 5x5     | MON  | 1    | 48    |         |
| L    | FM   | 2023 | WCPFC  | 246            | ... | 5x5  | MON  | 184              | 2,690 | 1x1  | MON  | 1           | 244    | 5x5     | MON  | 1    | 68    |         |
| L    | JP   | 1979 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 5x5  | MON  | 1           | 4      | ...     | ...  | ...  | ...   |         |
| L    | JP   | 1981 | WCPFC  | ...            | ... | ...  | ...  | 2,266            | ...   | 1x1  | MON  | 1           | 18     | 5x5     | MON  | 1    | 9     |         |
| L    | JP   | 1982 | WCPFC  | ...            | ... | ...  | ...  | 2,949            | ...   | 1x1  | MON  | 1           | 18     | 5x5     | MON  | 1    | 9     |         |
| L    | JP   | 1984 | WCPFC  | ...            | ... | ...  | ...  | 3,019            | ...   | 1x1  | MON  | 1           | 2      | 5x5     | MON  | 1    | 1     |         |
| L    | JP   | 1985 | WCPFC  | ...            | ... | ...  | ...  | 3,002            | ...   | 1x1  | MON  | 1           | 0      | ...     | ...  | ...  | ...   |         |
| L    | JP   | 1987 | WCPFC  | ...            | ... | ...  | ...  | 3,785            | ...   | 1x1  | MON  | 1           | 36     | 5x5     | MON  | 1    | 18    |         |
| L    | JP   | 1988 | WCPFC  | ...            | ... | ...  | ...  | 2,439            | ...   | 1x1  | MON  | 1           | 1,372  | 5x5     | MON  | 1    | 658   |         |
| L    | JP   | 1989 | WCPFC  | ...            | ... | ...  | ...  | 2,300            | ...   | 1x1  | MON  | 1           | 712    | 5x5     | MON  | 1    | 349   |         |
| L    | JP   | 1990 | WCPFC  | ...            | ... | ...  | ...  | 2,336            | ...   | 1x1  | MON  | 1           | 1,577  | 5x5     | MON  | 1    | 777   |         |
| L    | JP   | 1991 | WCPFC  | ...            | ... | ...  | ...  | 641              | ...   | 1x1  | MON  | 1           | 19,184 | 5x5     | MON  | 1    | 5,001 |         |
| L    | JP   | 1992 | WCPFC  | ...            | ... | ...  | ...  | 2,499            | ...   | 1x1  | MON  | 1           | 9,151  | 5x5     | MON  | 1    | 1,487 |         |
| L    | JP   | 1993 | WCPFC  | ...            | ... | ...  | ...  | 1,935            | ...   | 1x1  | MON  | 1           | 30,663 | 5x5     | MON  | 1    | 3,549 |         |
| L    | JP   | 1994 | WCPFC  | ...            | ... | 5x5  | MON  | 511              | 1,935 | 1x1  | MON  | 1           | 15,398 | 5x5     | MON  | 1    | 2,302 |         |
| L    | JP   | 1995 | WCPFC  | ...            | ... | 5x5  | MON  | 481              | 1,972 | 1x1  | MON  | 1           | 7,405  | 5x5     | MON  | 1    | 646   |         |
| L    | JP   | 1996 | WCPFC  | ...            | ... | 5x5  | MON  | 427              | 952   | 1x1  | MON  | 1           | 11,284 | 5x5     | MON  | 1    | 1,466 |         |
| L    | JP   | 1997 | WCPFC  | ...            | ... | 5x5  | MON  | 383              | 1,301 | 1x1  | MON  | 1           | 13,087 | 5x5     | MON  | 1    | 2,937 |         |
| L    | JP   | 1998 | WCPFC  | ...            | ... | 5x5  | MON  | 414              | ...   | 1x1  | MON  | 1           | 6,866  | 5x5     | MON  | 1    | 367   |         |
| L    | JP   | 1999 | WCPFC  | ...            | ... | 5x5  | MON  | 424              | ...   | 1x1  | MON  | 1           | 3,835  | 5x5     | MON  | 1    | 180   |         |
| L    | JP   | 2000 | WCPFC  | ...            | ... | 5x5  | MON  | 496              | ...   | 1x1  | MON  | 1           | 1,092  | 5x5     | MON  | 1    | 57    |         |
| L    | JP   | 2001 | WCPFC  | ...            | ... | 5x5  | MON  | 449              | ...   | 1x1  | MON  | 1           | 871    | 5x5     | MON  | 1    | 46    |         |
| L    | JP   | 2002 | WCPFC  | ...            | ... | 5x5  | MON  | 23               | ...   | 1x1  | MON  | 1           | 1,262  | 5x5     | MON  | 1    | 59    |         |
| L    | JP   | 2003 | WCPFC  | ...            | ... | 5x5  | MON  | 409              | ...   | 1x1  | MON  | 1           | 646    | 5x5     | MON  | 1    | 62    |         |
| L    | JP   | 2004 | WCPFC  | ...            | ... | 5x5  | MON  | 467              | ...   | 1x1  | MON  | 1           | 779    | 5x5     | MON  | 1    | 33    |         |
| L    | JP   | 2005 | WCPFC  | ...            | ... | 5x5  | MON  | 438              | ...   | 1x1  | MON  | 1           | 3,021  | 5x5     | MON  | 1    | 155   |         |
| L    | JP   | 2006 | WCPFC  | 10,952         | ... | 5x5  | MON  | 471              | 18    | 1x1  | MON  | 1           | 998    | 5x5     | MON  | 1    | 39    |         |
| L    | JP   | 2007 | WCPFC  | 8,770          | ... | 5x5  | MON  | 474              | ...   | 1x1  | MON  | 1           | 425    | 5x5     | MON  | 1    | 38    |         |
| L    | JP   | 2014 | WCPFC  | 10,733         | ... | 5x5  | MON  | 442              | 4,317 | 1x1  | MON  | 1           | 352    | ...     | ...  | ...  | ...   |         |
| L    | JP   | 2015 | WCPFC  | 10,892         | ... | 5x5  | MON  | 333              | 975   | 1x1  | MON  | 1           | 79,984 | 5x5     | MON  | 1    | 68    |         |
| L    | JP   | 2016 | WCPFC  | 11,957         | ... | 5x5  | MON  | 343              | 921   | 1x1  | MON  | 1           | 49,311 | 5x5     | MON  | 1    | 69    |         |
| L    | JP   | 2017 | WCPFC  | 11,745         | ... | 5x5  | MON  | 369              | 1,148 | 1x1  | MON  | 1           | 48,267 | ...     | ...  | ...  | ...   |         |
| L    | JP   | 2018 | WCPFC  | 11,713         | ... | 5x5  | MON  | 412              | 1,212 | 1x1  | MON  | 1           | 51,876 | 5x5     | MON  | 1    | 3     |         |
| L    | JP   | 2019 | WCPFC  | 10,318         | ... | 5x5  | MON  | 316              | 465   | 1x1  | MON  | 1           | 51,303 | 5x5     | MON  | 1    | 2     |         |
| L    | JP   | 2020 | WCPFC  | 7,637          | ... | 5x5  | MON  | 324              | 501   | 1x1  | MON  | 1           | 2,468  | ...     | ...  | ...  | ...   |         |
| L    | JP   | 2021 | WCPFC  | 12,095         | ... | 5x5  | MON  | 353              | 508   | 1x1  | MON  | 1           | 20     | ...     | ...  | ...  | ...   |         |
| L    | JP   | 2022 | WCPFC  | 13,804         | ... | 5x5  | MON  | 306              | 270   | 1x1  | MON  | 1           | 0      | ...     | ...  | ...  | ...   |         |
| L    | JP   | 2023 | WCPFC  | 13,892         | ... | 5x5  | MON  | 264              | 24    | 1x1  | MON  | 1           | 72,868 | ...     | ...  | ...  | ...   |         |
| L    | JP   | 2024 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 79     | ...     | ...  | ...  | ...   |         |
| L    | KI   | 2008 | WCPFC  | ...            | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 67     | 5x5     | MON  | 1    | 7     |         |
| L    | KI   | 2010 | WCPFC  | 4              | ... | ...  | ...  | ...              | ...   | 1x1  | MON  | 1           | 13     | 5x5     | MON  | 1    | 1     |         |
| L    | KI   | 2013 | WCPFC  | 33             | ... | 5x5  | MON  | 16               | 32    | 1x1  | MON  | 1           | 62     | 5x5     | MON  | 1    | 4     |         |
| L    | KI   | 2015 | WCPFC  | ...            | ... | 5x5  | MON  | 4                | 12    | 1x1  | MON  | 1           | 15     | 5x5     | MON  | 1    | 1     |         |

(continued)

| Gear | Flag | Year | Region | Aggregate Data |     |      |      | Operational Data |            |      |      | Length Data |         |      |          |       |
|------|------|------|--------|----------------|-----|------|------|------------------|------------|------|------|-------------|---------|------|----------|-------|
|      |      |      |        | Annual Catch   |     | Area | Time | Catch recs       | Catch recs | Area | Time | Size int    | Samples |      |          |       |
|      |      |      |        | Estimate       |     |      |      |                  |            |      |      |             | Area    | Time | Size int | Area  |
| L    | KI   | 2016 | WCPFC  | 30             | 5x5 | MON  | 10   | 30               | 1x1        | MON  | 1    | 196         | 5x5     | MON  | 1        | 23    |
| L    | KI   | 2017 | WCPFC  | 10             | 5x5 | MON  | 19   | 86               | 5x5        | MON  | 1    | 24          | 1x1     | MON  | 1        | 0     |
| L    | KI   | 2018 | WCPFC  | 34             | 5x5 | MON  | 29   | 192              | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | KI   | 2019 | WCPFC  | 2              | 5x5 | MON  | 4    | 12               | 1x1        | MON  | 1    | 476         | 5x5     | MON  | 1        | 73    |
| L    | KI   | 2020 | WCPFC  | 1              | 5x5 | MON  | 86   | 388              | 1x1        | MON  | 1    | 1,492       | 5x5     | MON  | 1        | 408   |
| L    | KI   | 2021 | WCPFC  | 38             | 5x5 | MON  | 103  | 573              | 1x1        | MON  | 1    | 152         | 5x5     | MON  | 1        | 38    |
| L    | KI   | 2022 | WCPFC  | 184            | 5x5 | MON  | 70   | 305              | 1x1        | MON  | 1    | 68          | 5x5     | MON  | 1        | 13    |
| L    | KI   | 2023 | WCPFC  | 61             | 5x5 | MON  | 130  | 983              | 1x1        | MON  | 1    | 1,372       | 5x5     | MON  | 1        | 248   |
| L    | KI   | 2024 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 64          | ...     | ...  | ...      | ...   |
| L    | KR   | 1991 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 232         | 5x5     | MON  | 1        | 58    |
| L    | KR   | 1992 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 228         | 5x5     | MON  | 1        | 36    |
| L    | KR   | 1993 | WCPFC  | ...            | ... | ...  | ...  | ...              | 5x5        | MON  | 1    | 21          | ...     | ...  | ...      | ...   |
| L    | KR   | 1998 | WCPFC  | ...            | ... | ...  | ...  | 5                | 1x1        | MON  | 1    | 3,416       | 5x5     | MON  | 1        | 163   |
| L    | KR   | 1999 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 5,211       | 5x5     | MON  | 1        | 230   |
| L    | KR   | 2002 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 8,507       | 5x5     | MON  | 1        | 337   |
| L    | KR   | 2005 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 5,848       | 5x5     | MON  | 1        | 73    |
| L    | KR   | 2006 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 5,985       | 5x5     | MON  | 1        | 357   |
| L    | KR   | 2007 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 217         | 5x5     | MON  | 1        | 80    |
| L    | KR   | 2011 | WCPFC  | 9              | 5x5 | MON  | 105  | ...              | 1x1        | MON  | 1    | 745         | 5x5     | MON  | 1        | 90    |
| L    | KR   | 2012 | WCPFC  | 68             | 5x5 | MON  | 265  | 35               | 1x1        | MON  | 1    | 1,164       | 5x5     | MON  | 1        | 131   |
| L    | KR   | 2013 | WCPFC  | 194            | 5x5 | MON  | 305  | 40               | 1x1        | MON  | 1    | 9,200       | 5x5     | MON  | 1        | 622   |
| L    | KR   | 2014 | WCPFC  | 201            | 5x5 | MON  | 459  | 8,702            | 1x1        | MON  | 1    | 4,050       | 5x5     | MON  | 1        | 286   |
| L    | KR   | 2015 | WCPFC  | 85             | 5x5 | MON  | 357  | 5,982            | 1x1        | MON  | 1    | 695         | 5x5     | MON  | 1        | 50    |
| L    | KR   | 2016 | WCPFC  | ...            | 5x5 | MON  | 183  | 1,078            | 1x1        | MON  | 1    | 283         | 5x5     | MON  | 1        | 18    |
| L    | KR   | 2017 | WCPFC  | ...            | 5x5 | MON  | 236  | 1,664            | 1x1        | MON  | 1    | 596         | ...     | ...  | ...      | ...   |
| L    | KR   | 2018 | WCPFC  | ...            | 5x5 | MON  | 14   | 46               | 1x1        | MON  | 1    | 1,086       | ...     | ...  | ...      | ...   |
| L    | KR   | 2019 | WCPFC  | 5              | 5x5 | MON  | 199  | 1,351            | 1x1        | MON  | 1    | 124         | 5x5     | MON  | 1        | 62    |
| L    | KR   | 2020 | WCPFC  | ...            | 5x5 | MON  | 119  | 492              | 1x1        | MON  | 1    | 304         | 5x5     | MON  | 1        | 106   |
| L    | KR   | 2021 | WCPFC  | 5              | 5x5 | MON  | 183  | 1,581            | 5x5        | MON  | 1    | 47          | 1x1     | MON  | 1        | 0     |
| L    | KR   | 2022 | WCPFC  | ...            | 5x5 | MON  | 189  | 1,248            | 1x1        | MON  | 1    | 202         | 5x5     | MON  | 1        | 4     |
| L    | KR   | 2023 | WCPFC  | ...            | 5x5 | MON  | 70   | 245              | 1x1        | MON  | 1    | 178         | ...     | ...  | ...      | ...   |
| L    | MH   | 2008 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 476         | 5x5     | MON  | 1        | 41    |
| L    | MH   | 2009 | WCPFC  | 33             | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | MH   | 2016 | WCPFC  | 10             | 5x5 | MON  | 61   | 418              | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | MH   | 2017 | WCPFC  | 16             | 5x5 | MON  | 72   | 701              | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | MH   | 2018 | WCPFC  | 11             | 5x5 | MON  | 76   | 824              | 1x1        | MON  | 1    | 20          | 5x5     | MON  | 1        | 3     |
| L    | MH   | 2019 | WCPFC  | 95             | 5x5 | MON  | 83   | 1,218            | 1x1        | MON  | 1    | 23          | 5x5     | MON  | 1        | 2     |
| L    | MH   | 2020 | WCPFC  | 13             | 5x5 | MON  | 82   | 1,337            | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | MH   | 2021 | WCPFC  | 114            | 5x5 | MON  | 73   | 1,782            | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | MH   | 2023 | WCPFC  | 460            | 5x5 | MON  | 76   | 2,885            | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | NC   | 1992 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | NC   | 1996 | WCPFC  | ...            | 5x5 | MON  | 2    | 14               | 1x1        | MON  | 1    | 3,701       | 5x5     | MON  | 1        | 157   |
| L    | NC   | 1998 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 384         | 5x5     | MON  | 1        | 31    |
| L    | NC   | 1999 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 206         | 5x5     | MON  | 1        | 25    |
| L    | NC   | 2001 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 284         | 5x5     | MON  | 1        | 38    |
| L    | NC   | 2002 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 1,126       | 5x5     | MON  | 1        | 65    |
| L    | NC   | 2003 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 2,853       | 5x5     | MON  | 1        | 164   |
| L    | NC   | 2004 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 2,321       | 5x5     | MON  | 1        | 148   |
| L    | NC   | 2005 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 251         | 5x5     | MON  | 1        | 21    |
| L    | NC   | 2006 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 145         | 5x5     | MON  | 1        | 11    |
| L    | NC   | 2007 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | NC   | 2008 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 173         | 5x5     | MON  | 1        | 15    |
| L    | NC   | 2009 | WCPFC  | 26             | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 315         | 5x5     | MON  | 1        | 29    |
| L    | NC   | 2010 | WCPFC  | 56             | 5x5 | MON  | 2    | 3                | 1x1        | MON  | 1    | 679         | 5x5     | MON  | 1        | 58    |
| L    | NC   | 2011 | WCPFC  | 48             | 5x5 | MON  | 3    | 12               | 1x1        | MON  | 1    | 432         | 5x5     | MON  | 1        | 39    |
| L    | NC   | 2012 | WCPFC  | 48             | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 247         | 5x5     | MON  | 1        | 27    |
| L    | NC   | 2013 | WCPFC  | 19             | 5x5 | MON  | 1    | 1                | 1x1        | MON  | 1    | 140         | 5x5     | MON  | 1        | 13    |
| L    | NC   | 2014 | WCPFC  | 91             | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 26          | 5x5     | MON  | 1        | 2     |
| L    | NC   | 2015 | WCPFC  | 325            | 5x5 | MON  | 25   | 135              | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | NC   | 2016 | WCPFC  | 16             | 5x5 | MON  | 52   | 488              | 1x1        | MON  | 1    | 22          | 5x5     | MON  | 1        | 1     |
| L    | NC   | 2017 | WCPFC  | 7              | 5x5 | MON  | 59   | 814              | 1x1        | MON  | 1    | 12          | 5x5     | MON  | 1        | 1     |
| L    | NC   | 2018 | WCPFC  | 6              | 5x5 | MON  | 65   | 852              | 1x1        | MON  | 1    | 54          | 5x5     | MON  | 1        | 5     |
| L    | NC   | 2019 | WCPFC  | 102            | 5x5 | MON  | 61   | 784              | 1x1        | MON  | 1    | 43          | 5x5     | MON  | 1        | 4     |
| L    | NC   | 2020 | WCPFC  | 49             | 5x5 | MON  | 59   | 945              | 1x1        | MON  | 1    | 33          | 5x5     | MON  | 1        | 3     |
| L    | NC   | 2021 | WCPFC  | 3              | 5x5 | MON  | 66   | 857              | 1x1        | MON  | 1    | 10          | 5x5     | MON  | 1        | 1     |
| L    | NC   | 2022 | WCPFC  | 285            | 5x5 | MON  | 61   | 1,150            | 1x1        | MON  | 1    | 29          | ...     | ...  | ...      | ...   |
| L    | NC   | 2023 | WCPFC  | 346            | 5x5 | MON  | 62   | 1,196            | 1x1        | MON  | 1    | 10          | ...     | ...  | ...      | ...   |
| L    | NC   | 2024 | WCPFC  | ...            | ... | ...  | ...  | ...              | 1x1        | MON  | 1    | 21          | ...     | ...  | ...      | ...   |
| L    | NZ   | 1992 | WCPFC  | ...            | 5x5 | MON  | 30   | 212              | 1x1        | MON  | 1    | 0           | ...     | ...  | ...      | ...   |
| L    | NZ   | 1994 | WCPFC  | ...            | 5x5 | MON  | 51   | 524              | 1x1        | MON  | 1    | 472         | 5x5     | MON  | 1        | 31    |
| L    | NZ   | 1995 | WCPFC  | ...            | 5x5 | MON  | 56   | 727              | 1x1        | MON  | 1    | 3,917       | 5x5     | MON  | 1        | 230   |
| L    | NZ   | 1996 | WCPFC  | ...            | 5x5 | MON  | 46   | 558              | 1x1        | MON  | 1    | 248         | 5x5     | MON  | 1        | 74    |
| L    | NZ   | 1997 | WCPFC  | ...            | 5x5 | MON  | 60   | 806              | 1x1        | MON  | 1    | 20,680      | 5x5     | MON  | 1        | 1,393 |
| L    | NZ   | 1998 | WCPFC  | ...            | 5x5 | MON  | 72   | 1,247            | 1x1        | MON  | 1    | 24,202      | 5x5     | MON  | 1        | 1,553 |
| L    | NZ   | 1999 | WCPFC  | ...            | 5x5 | MON  | 82   | 3,079            | 1x1        | MON  | 1    | 53,889      | 5x5     | MON  | 1        | 3,561 |
| L    | NZ   | 2000 | WCPFC  | 103            | 5x5 | MON  | 98   | 4,839            | 1x1        | MON  | 1    | 26,825      | 5x5     | MON  | 1        | 1,730 |
| L    | NZ   | 2001 | WCPFC  | 1,165          | 5x5 | MON  | 89   | 4,339            | 1x1        | MON  | 1    | 24,692      | 5x5     | MON  | 1        | 1,719 |
| L    | NZ   | 2002 | WCPFC  | 1,328          | 5x5 | MON  | 123  | 4,754            | 1x1        | MON  | 1    | 16,230      | 5x5     | MON  | 1        | 1,128 |
| L    | NZ   | 2003 | WCPFC  | 1,101          | 5x5 | MON  | 105  | 4,945            | 1x1        | MON  | 1    | 17,235      | 5x5     | MON  | 1        | 1,088 |
| L    | NZ   | 2004 | WCPFC  | 747            | 5x5 | MON  | 88   | 4,255            | 1x1        | MON  | 1    | 20,895      | 5x5     | MON  | 1        | 1,529 |
| L    | NZ   | 2005 | WCPFC  | 600            | 5x5 | MON  | 75   | 2,629            | 1x1        | MON  | 1    | 33,529      | 5x5     | MON  | 1        | 2,371 |
| L    | NZ   | 2006 | WCPFC  | 785            | 5x5 | MON  | 95   | 2,369            | 1x1        | MON  | 1    | 25,894      | 5x5     | MON  | 1        | 1,736 |
| L    | NZ   | 2007 | WCPFC  | 620            | 5x5 | MON  | 89   | 2,699            | 1x1        | MON  | 1    | 74,154      | 5x5     | MON  | 1        | 4,790 |
| L    | NZ   | 2008 | WCPFC  | 740            | 5x5 | MON  | 57   | 2,094            | 1x1        | MON  | 1    | 33,325      | 5x5     | MON  | 1        | 2,752 |
| L    | NZ   | 2009 | WCPFC  | 696            | 5x5 | MON  | 70   | 2,874            | 1x1        | MON  | 1    | 53,637      | 5x5     | MON  | 1        | 4,254 |
| L    | NZ   | 2010 | WCPFC  | 709            | 5x5 | MON  | 70   | 2,906            | 1x1        | MON  | 1    | 36,431      | 5x5     | MON  | 1        | 2,815 |
| L    | NZ   | 2011 | WCPFC  | 782            | 5x5 | MON  | 74   | 2,849            | 1x1        | MON  | 1    | 25,639      | 5x5     | MON  | 1        | 1,914 |
| L    | NZ   | 2012 | WCPFC  | 981            | 5x5 | MON  | 66   | 3,017            | 1x1        | MON  | 1    | 59,125      | 5x5     | MON  | 1        | 4,426 |
| L    | NZ   | 2013 | WCPFC  | 661            | 5x5 | MON  | 68   | 2,580            | 1x1        | MON  | 1    | 54,036      | 5x5     | MON  | 1        | 3,581 |
| L    | NZ   | 2014 | WCPFC  | 106            | 5x5 | MON  | 63   | 2,145            | 1x1        | MON  | 1    | 23,038      | 5x5     | MON  | 1        | 1,593 |
| L    | NZ   | 2015 | WCPFC  | 145            | 5x5 | MON  | 64   | 2,135            | 1x1        | MON  | 1    | 31,890      | 5x5     | MON  | 1        | 2,054 |

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| Gear | Flag | Year | Region | Aggregate Data        |      |      |            | Operational Data |      |      |          | Length Data |      |      |          |         |
|------|------|------|--------|-----------------------|------|------|------------|------------------|------|------|----------|-------------|------|------|----------|---------|
|      |      |      |        | Annual Catch Estimate | Area | Time | Catch recs | Catch recs       | Area | Time | Size int | Samples     | Area | Time | Size int | Samples |
|      |      |      |        |                       |      |      |            |                  |      |      |          |             |      |      |          |         |
| L    | NZ   | 2016 | WCPFC  | 172                   | 5x5  | MON  | 69         | 2,660            | 1x1  | MON  | 1        | 2,095       | 5x5  | MON  | 1        | 204     |
| L    | NZ   | 2017 | WCPFC  | 114                   | 5x5  | MON  | 69         | 2,306            | 1x1  | MON  | 1        | 12,671      | 5x5  | MON  | 1        | 1,257   |
| L    | NZ   | 2018 | WCPFC  | 117                   | 5x5  | MON  | 67         | 2,458            | 1x1  | MON  | 1        | 3,563       | 5x5  | MON  | 1        | 460     |
| L    | NZ   | 2019 | WCPFC  | 103                   | 5x5  | MON  | 67         | 1,998            | 1x1  | MON  | 1        | 556         | 5x5  | MON  | 1        | 150     |
| L    | NZ   | 2020 | WCPFC  | 107                   | 5x5  | MON  | 57         | 1,611            | 1x1  | MON  | 1        | 144         | 5x5  | MON  | 1        | 36      |
| L    | NZ   | 2021 | WCPFC  | 93                    | 5x5  | MON  | 62         | 1,605            | 1x1  | MON  | 1        | 584         | 5x5  | MON  | 1        | 145     |
| L    | NZ   | 2022 | WCPFC  | 56                    | 5x5  | MON  | 54         | 1,386            | 1x1  | MON  | 1        | 8           | 5x5  | MON  | 1        | 2       |
| L    | NZ   | 2023 | WCPFC  | 114                   | 5x5  | MON  | 60         | 1,721            | 1x1  | MON  | 1        | 16          | 5x5  | MON  | 1        | 4       |
| L    | PF   | 1997 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 829         | 5x5  | MON  | 1        | 65      |
| L    | PF   | 2002 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 824         | 5x5  | MON  | 1        | 50      |
| L    | PF   | 2003 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 1,393       | 5x5  | MON  | 1        | 121     |
| L    | PF   | 2004 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 1,162       | 5x5  | MON  | 1        | 167     |
| L    | PF   | 2005 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 1,268       | 5x5  | MON  | 1        | 97      |
| L    | PF   | 2006 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 694         | 5x5  | MON  | 1        | 47      |
| L    | PF   | 2007 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 21          | 5x5  | MON  | 1        | 2       |
| L    | PF   | 2008 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 71          | 5x5  | MON  | 1        | 5       |
| L    | PF   | 2009 | WCPFC  | 25                    | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 76          | 5x5  | MON  | 1        | 6       |
| L    | PF   | 2010 | WCPFC  | 10                    | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 125         | 5x5  | MON  | 1        | 9       |
| L    | PF   | 2011 | WCPFC  | 6                     | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 29          | 5x5  | MON  | 1        | 2       |
| L    | PF   | 2012 | WCPFC  | 16                    | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 53          | 5x5  | MON  | 1        | 4       |
| L    | PF   | 2013 | WCPFC  | 16                    | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 46          | 5x5  | MON  | 1        | 2       |
| L    | PF   | 2014 | WCPFC  | 128                   | 5x5  | MON  | 70         | 1,109            | 1x1  | MON  | 1        | 34          | 5x5  | MON  | 1        | 3       |
| L    | PF   | 2015 | WCPFC  | 47                    | 5x5  | MON  | 91         | 2,579            | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | PF   | 2016 | WCPFC  | 98                    | 5x5  | MON  | 125        | 2,566            | 1x1  | MON  | 1        | 28          | 5x5  | MON  | 1        | 2       |
| L    | PF   | 2017 | WCPFC  | 308                   | 5x5  | MON  | 147        | 3,207            | 1x1  | MON  | 1        | 37          | 5x5  | MON  | 1        | 4       |
| L    | PF   | 2018 | WCPFC  | 168                   | 5x5  | MON  | 145        | 3,184            | 1x1  | MON  | 1        | 11          | 5x5  | MON  | 1        | 1       |
| L    | PF   | 2019 | WCPFC  | 197                   | 5x5  | MON  | 134        | 3,497            | 1x1  | MON  | 1        | 250         | 5x5  | MON  | 1        | 19      |
| L    | PF   | 2020 | WCPFC  | 140                   | 5x5  | MON  | 128        | 2,784            | 1x1  | MON  | 1        | 36          | 5x5  | MON  | 1        | 3       |
| L    | PF   | 2021 | WCPFC  | 169                   | 5x5  | MON  | 146        | 3,152            | 1x1  | MON  | 1        | 34          | 5x5  | MON  | 1        | 3       |
| L    | PF   | 2022 | WCPFC  | 155                   | 5x5  | MON  | 141        | 2,881            | 1x1  | MON  | 1        | 13          | 5x5  | MON  | 1        | 1       |
| L    | PF   | 2023 | WCPFC  | 88                    | 5x5  | MON  | 126        | 2,241            | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | PF   | 2024 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 11          | ...  | ...  | ...      | ...     |
| L    | PG   | 1996 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 230         | 5x5  | MON  | 1        | 11      |
| L    | PG   | 1999 | WCPFC  | ...                   | 5x5  | MON  | 5          | 26               | 1x1  | MON  | 1        | 675         | 5x5  | MON  | 1        | 45      |
| L    | PG   | 2000 | WCPFC  | ...                   | 5x5  | MON  | 23         | 216              | 1x1  | MON  | 1        | 84          | 5x5  | MON  | 1        | 8       |
| L    | PG   | 2001 | WCPFC  | ...                   | 5x5  | MON  | 2          | 2                | 1x1  | MON  | 1        | 2,546       | 5x5  | MON  | 1        | 161     |
| L    | PG   | 2002 | WCPFC  | ...                   | 5x5  | MON  | 42         | 595              | 1x1  | MON  | 1        | 897         | 5x5  | MON  | 1        | 47      |
| L    | PG   | 2003 | WCPFC  | ...                   | 5x5  | MON  | 1          | 1                | 1x1  | MON  | 1        | 844         | 5x5  | MON  | 1        | 45      |
| L    | PG   | 2004 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 425         | 5x5  | MON  | 1        | 22      |
| L    | PG   | 2005 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 942         | 5x5  | MON  | 1        | 30      |
| L    | PG   | 2006 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 2,052       | 5x5  | MON  | 1        | 112     |
| L    | PG   | 2007 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 311         | 5x5  | MON  | 1        | 24      |
| L    | PG   | 2008 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 1,174       | 5x5  | MON  | 1        | 81      |
| L    | PG   | 2010 | WCPFC  | 41                    | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 244         | 5x5  | MON  | 1        | 23      |
| L    | PG   | 2011 | WCPFC  | 36                    | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 122         | 5x5  | MON  | 1        | 10      |
| L    | PG   | 2012 | WCPFC  | 52                    | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 1,787       | 5x5  | MON  | 1        | 146     |
| L    | PG   | 2013 | WCPFC  | 52                    | 5x5  | MON  | 5          | 19               | 1x1  | MON  | 1        | 676         | 5x5  | MON  | 1        | 55      |
| L    | PG   | 2014 | WCPFC  | 52                    | 5x5  | MON  | 30         | 114              | 1x1  | MON  | 1        | 606         | 5x5  | MON  | 1        | 53      |
| L    | PG   | 2015 | WCPFC  | 0                     | 5x5  | MON  | 4          | 5                | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | PG   | 2016 | WCPFC  | 1                     | 5x5  | MON  | 30         | 121              | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | PW   | 2000 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 284         | 5x5  | MON  | 1        | 12      |
| L    | PW   | 2017 | WCPFC  | 12                    | 5x5  | MON  | 65         | 342              | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | SB   | 1996 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 396         | 5x5  | MON  | 1        | 21      |
| L    | SB   | 1997 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 2,526       | 5x5  | MON  | 1        | 117     |
| L    | SB   | 1998 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 1,822       | 5x5  | MON  | 1        | 88      |
| L    | SB   | 1999 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 1,675       | 5x5  | MON  | 1        | 106     |
| L    | SB   | 2000 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 445         | 5x5  | MON  | 1        | 25      |
| L    | SB   | 2001 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 742         | 5x5  | MON  | 1        | 42      |
| L    | SB   | 2002 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 7,505       | 5x5  | MON  | 1        | 345     |
| L    | SB   | 2003 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 3,106       | 5x5  | MON  | 1        | 149     |
| L    | SB   | 2004 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 1,675       | 5x5  | MON  | 1        | 77      |
| L    | SB   | 2011 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 42          | 5x5  | MON  | 1        | 3       |
| L    | SB   | 2012 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 440         | 5x5  | MON  | 1        | 78      |
| L    | SB   | 2013 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 1,054       | 5x5  | MON  | 1        | 71      |
| L    | SB   | 2014 | WCPFC  | ...                   | 5x5  | MON  | 15         | 25               | 1x1  | MON  | 1        | 117         | 5x5  | MON  | 1        | 11      |
| L    | SB   | 2015 | WCPFC  | ...                   | 5x5  | MON  | 80         | 869              | 1x1  | MON  | 1        | 78          | 5x5  | MON  | 1        | 6       |
| L    | SB   | 2016 | WCPFC  | ...                   | 5x5  | MON  | 37         | 213              | 5x5  | MON  | 1        | 1           | ...  | ...  | ...      | ...     |
| L    | SB   | 2018 | WCPFC  | 67                    | 5x5  | MON  | 88         | 725              | 1x1  | MON  | 1        | 135         | 5x5  | MON  | 1        | 9       |
| L    | SB   | 2019 | WCPFC  | 65                    | 5x5  | MON  | 128        | 1,002            | 1x1  | MON  | 1        | 894         | 5x5  | MON  | 1        | 55      |
| L    | SB   | 2023 | WCPFC  | 16                    | 5x5  | MON  | 73         | 270              | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | TO   | 1995 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 144         | 5x5  | MON  | 1        | 3       |
| L    | TO   | 1998 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 8,561       | 5x5  | MON  | 1        | 302     |
| L    | TO   | 1999 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 100         | 5x5  | MON  | 1        | 9       |
| L    | TO   | 2000 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 955         | 5x5  | MON  | 1        | 60      |
| L    | TO   | 2004 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 2,085       | 5x5  | MON  | 1        | 138     |
| L    | TO   | 2005 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 398         | 5x5  | MON  | 1        | 29      |
| L    | TO   | 2006 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 2,536       | 5x5  | MON  | 1        | 174     |
| L    | TO   | 2007 | WCPFC  | ...                   | 5x5  | MON  | 1          | 4                | 1x1  | MON  | 1        | 1,106       | 5x5  | MON  | 1        | 97      |
| L    | TO   | 2008 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 2,149       | 5x5  | MON  | 1        | 144     |
| L    | TO   | 2009 | WCPFC  | 29                    | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 638         | 5x5  | MON  | 1        | 44      |
| L    | TO   | 2010 | WCPFC  | 14                    | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 105         | 5x5  | MON  | 1        | 6       |
| L    | TO   | 2014 | WCPFC  | ...                   | 5x5  | MON  | 2          | 2                | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | TO   | 2015 | WCPFC  | ...                   | 5x5  | MON  | 1          | 1                | 1x1  | MON  | 1        | 95          | 5x5  | MON  | 1        | 7       |
| L    | TO   | 2016 | WCPFC  | 4                     | 5x5  | MON  | 14         | 72               | 1x1  | MON  | 1        | 14          | 5x5  | MON  | 1        | 1       |
| L    | TO   | 2017 | WCPFC  | ...                   | 5x5  | MON  | 7          | 15               | 1x1  | MON  | 1        | 15          | 5x5  | MON  | 1        | 2       |
| L    | TO   | 2019 | WCPFC  | 2                     | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 50          | 5x5  | MON  | 1        | 4       |
| L    | TO   | 2020 | WCPFC  | 0                     | 5x5  | MON  | 1          | 1                | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | TO   | 2021 | WCPFC  | 0                     | 5x5  | MON  | 1          | 4                | 1x1  | MON  | 1        | 14          | 5x5  | MON  | 1        | 1       |
| L    | TO   | 2022 | WCPFC  | 6                     | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | TO   | 2023 | WCPFC  | 2                     | ...  | ...  | ...        | ...              | 5x5  | MON  | 1        | 1           | 1x1  | MON  | 1        | 0       |



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| Gear | Flag | Year | Region | Aggregate Data        |      |      |            | Operational Data |      |      |          | Length Data |      |      |          |         |
|------|------|------|--------|-----------------------|------|------|------------|------------------|------|------|----------|-------------|------|------|----------|---------|
|      |      |      |        | Annual Catch Estimate | Area | Time | Catch recs | Catch recs       | Area | Time | Size int | Samples     | Area | Time | Size int | Samples |
| L    | VU   | 2010 | WCPFC  | 1,373                 | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 656         | 5x5  | MON  | 1        | 60      |
| L    | VU   | 2011 | WCPFC  | 1,208                 | 5x5  | MON  | 21         | 86               | 1x1  | MON  | 1        | 1,823       | 5x5  | MON  | 1        | 179     |
| L    | VU   | 2012 | WCPFC  | 1,345                 | 5x5  | MON  | 110        | 593              | 1x1  | MON  | 1        | 6           | 5x5  | MON  | 1        | 1       |
| L    | VU   | 2013 | WCPFC  | 1,345                 | 5x5  | MON  | 407        | 2,482            | 1x1  | MON  | 1        | 3,446       | 5x5  | MON  | 1        | 266     |
| L    | VU   | 2014 | WCPFC  | 831                   | 5x5  | MON  | 514        | 6,073            | 1x1  | MON  | 1        | 224         | 5x5  | MON  | 1        | 31      |
| L    | VU   | 2015 | WCPFC  | 777                   | 5x5  | MON  | 497        | 7,546            | 1x1  | MON  | 1        | 17          | ...  | ...  | ...      | ...     |
| L    | VU   | 2016 | WCPFC  | 484                   | 5x5  | MON  | 424        | 4,394            | 1x1  | MON  | 1        | 92          | 5x5  | MON  | 1        | 26      |
| L    | VU   | 2018 | WCPFC  | 1,306                 | 5x5  | MON  | 593        | 8,012            | 1x1  | MON  | 1        | 20,465      | 5x5  | MON  | 1        | 1,328   |
| L    | VU   | 2019 | WCPFC  | 985                   | 5x5  | MON  | 435        | 4,753            | 1x1  | MON  | 1        | 30,328      | 5x5  | MON  | 1        | 1,753   |
| L    | VU   | 2023 | WCPFC  | 804                   | 5x5  | MON  | 330        | 3,482            | 1x1  | MON  | 1        | 3,642       | ...  | ...  | ...      | ...     |
| L    | WF   | 2022 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 18          | 5x5  | MON  | 1        | 7       |
| L    | WF   | 2023 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 5x5  | MON  | 1        | 2           | ...  | ...  | ...      | ...     |
| L    | WS   | 1998 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 6           | 5x5  | MON  | 1        | 1       |
| L    | WS   | 2000 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | WS   | 2001 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 11          | 5x5  | MON  | 1        | 1       |
| L    | WS   | 2002 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 4           | 5x5  | MON  | 1        | 1       |
| L    | WS   | 2006 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 12          | 5x5  | MON  | 1        | 1       |
| L    | WS   | 2007 | WCPFC  | ...                   | 5x5  | MON  | 1          | 2                | 5x5  | MON  | 1        | 2           | ...  | ...  | ...      | ...     |
| L    | WS   | 2010 | WCPFC  | 39                    | 5x5  | MON  | 3          | 4                | 5x5  | MON  | 1        | 6           | ...  | ...  | ...      | ...     |
| L    | WS   | 2013 | WCPFC  | 26                    | 5x5  | MON  | 29         | 194              | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | WS   | 2014 | WCPFC  | 26                    | 5x5  | MON  | 21         | 107              | 5x5  | MON  | 1        | 2           | ...  | ...  | ...      | ...     |
| L    | WS   | 2016 | WCPFC  | ...                   | 5x5  | MON  | 14         | 142              | 5x5  | MON  | 1        | 3           | ...  | ...  | ...      | ...     |
| L    | WS   | 2017 | WCPFC  | ...                   | 5x5  | MON  | 13         | 59               | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | WS   | 2018 | WCPFC  | 0                     | 5x5  | MON  | 15         | 84               | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | WS   | 2019 | WCPFC  | 41                    | 5x5  | MON  | 67         | 956              | 1x1  | MON  | 1        | 286         | 5x5  | MON  | 1        | 26      |
| L    | WS   | 2020 | WCPFC  | 1                     | 5x5  | MON  | 52         | 529              | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | WS   | 2024 | WCPFC  | ...                   | ...  | ...  | ...        | ...              | 1x1  | MON  | 1        | 0           | ...  | ...  | ...      | ...     |
| L    | AU   | 1998 | WCPFC  | 56                    | 5x5  | MON  | 118        | 1,498            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 1999 | WCPFC  | 64                    | 5x5  | MON  | 121        | 1,395            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2000 | WCPFC  | 51                    | 5x5  | MON  | 137        | 1,290            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2001 | WCPFC  | 43                    | 5x5  | MON  | 149        | 1,757            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2016 | WCPFC  | 451                   | 5x5  | MON  | 130        | 2,785            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2017 | WCPFC  | 337                   | 5x5  | MON  | 138        | 3,028            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2018 | WCPFC  | 276                   | 5x5  | MON  | 122        | 2,715            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2019 | WCPFC  | 268                   | 5x5  | MON  | 117        | 2,737            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2020 | WCPFC  | 297                   | 5x5  | MON  | 126        | 2,482            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2021 | WCPFC  | 414                   | 5x5  | MON  | 124        | 2,424            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2022 | WCPFC  | 413                   | 5x5  | MON  | 109        | 2,434            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | AU   | 2023 | WCPFC  | 570                   | 5x5  | MON  | 113        | 2,716            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | BZ   | 2010 | WCPFC  | ...                   | 5x5  | MON  | 4          | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | BZ   | 2011 | WCPFC  | 11                    | 5x5  | MON  | 11         | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | BZ   | 2012 | WCPFC  | 4                     | 5x5  | MON  | 5          | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | BZ   | 2013 | WCPFC  | 1                     | 5x5  | MON  | 12         | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | CK   | 2003 | WCPFC  | ...                   | 5x5  | MON  | 14         | 37               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | CK   | 2004 | WCPFC  | ...                   | 5x5  | MON  | 9          | 25               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | CK   | 2012 | WCPFC  | 23                    | 5x5  | MON  | 54         | 490              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | CK   | 2020 | WCPFC  | 7                     | 5x5  | MON  | 84         | 558              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2004 | WCPFC  | ...                   | 5x5  | MON  | 101        | 760              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2005 | WCPFC  | ...                   | 5x5  | MON  | 117        | 941              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2006 | WCPFC  | 789                   | 5x5  | MON  | 134        | 1,965            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2007 | WCPFC  | ...                   | 5x5  | MON  | 190        | 3,764            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2008 | WCPFC  | 2,107                 | 5x5  | MON  | 131        | 2,216            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2012 | WCPFC  | 1,685                 | 5x5  | MON  | 108        | 1,594            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2013 | WCPFC  | 1,568                 | 5x5  | MON  | 96         | 1,285            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2014 | WCPFC  | 1,206                 | 5x5  | MON  | 108        | 1,234            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2016 | WCPFC  | 1,024                 | 5x5  | MON  | 94         | 726              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2020 | WCPFC  | 1,345                 | 5x5  | MON  | 57         | 751              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2021 | WCPFC  | 2,264                 | 5x5  | MON  | 82         | 1,106            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2022 | WCPFC  | 5,236                 | 5x5  | MON  | 109        | 2,085            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ES   | 2023 | WCPFC  | 5,391                 | 5x5  | MON  | 116        | 2,096            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | JP   | 2008 | WCPFC  | 14,237                | 5x5  | MON  | 647        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | JP   | 2009 | WCPFC  | 14,614                | 5x5  | MON  | 636        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | JP   | 2010 | WCPFC  | 14,454                | 5x5  | MON  | 711        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | JP   | 2011 | WCPFC  | 7,355                 | 5x5  | MON  | 729        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | JP   | 2012 | WCPFC  | 11,492                | 5x5  | MON  | 532        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | JP   | 2013 | WCPFC  | 10,489                | 5x5  | MON  | 482        | 3                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KI   | 2012 | WCPFC  | 33                    | 5x5  | MON  | 8          | 15               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KI   | 2014 | WCPFC  | 1                     | 5x5  | MON  | 12         | 52               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KR   | 2010 | WCPFC  | ...                   | 5x5  | MON  | 41         | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | MH   | 2015 | WCPFC  | ...                   | 5x5  | MON  | 1          | 1                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | MH   | 2022 | WCPFC  | 245                   | 5x5  | MON  | 75         | 2,171            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | NC   | 1997 | WCPFC  | ...                   | 5x5  | MON  | 10         | 61               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | NZ   | 1989 | WCPFC  | ...                   | 5x5  | MON  | 1          | 1                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | NZ   | 1990 | WCPFC  | ...                   | 5x5  | MON  | 1          | 1                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | NZ   | 1991 | WCPFC  | ...                   | 5x5  | MON  | 25         | 204              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | NZ   | 1993 | WCPFC  | ...                   | 5x5  | MON  | 44         | 315              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PG   | 1998 | WCPFC  | ...                   | 5x5  | MON  | 1          | 8                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PG   | 2017 | WCPFC  | 3                     | 5x5  | MON  | 30         | 172              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PG   | 2018 | WCPFC  | 11                    | 5x5  | MON  | 13         | 37               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PG   | 2019 | WCPFC  | 19                    | 5x5  | MON  | 19         | 92               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PG   | 2022 | WCPFC  | 4                     | 5x5  | MON  | 33         | 141              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PG   | 2023 | WCPFC  | 14                    | 5x5  | MON  | 33         | 318              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PH   | 2013 | WCPFC  | ...                   | 5x5  | MON  | 1          | 4                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |

(continued)

| Gear | Flag  | Year | Region | Aggregate Data        |      |      |            | Operational Data |      |      |          | Length Data |      |      |          |         |
|------|-------|------|--------|-----------------------|------|------|------------|------------------|------|------|----------|-------------|------|------|----------|---------|
|      |       |      |        | Annual Catch Estimate | Area | Time | Catch recs | Catch recs       | Area | Time | Size int | Samples     | Area | Time | Size int | Samples |
| L    | PH    | 2014 | WCPFC  | ...                   | 5x5  | MON  | 10         | 14               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PT    | 2014 | WCPFC  | 138                   | 5x5  | MON  | 4          | 31               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PT    | 2015 | WCPFC  | 265                   | 5x5  | MON  | 3          | 50               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PT    | 2016 | WCPFC  | 219                   | 5x5  | MON  | 10         | 67               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PW    | 2018 | WCPFC  | 4                     | 5x5  | MON  | 69         | 608              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PW    | 2019 | WCPFC  | 114                   | 5x5  | MON  | 51         | 949              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PW    | 2020 | WCPFC  | ...                   | 5x5  | MON  | 1          | 5                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PW    | 2023 | WCPFC  | 10                    | 5x5  | MON  | 5          | 28               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | SB    | 2017 | WCPFC  | ...                   | 5x5  | MON  | 47         | 415              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | SB    | 2020 | WCPFC  | 62                    | 5x5  | MON  | 110        | 1,185            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | SB    | 2021 | WCPFC  | 23                    | 5x5  | MON  | 64         | 466              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | SB    | 2022 | WCPFC  | 14                    | 5x5  | MON  | 48         | 173              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | SN    | 2006 | WCPFC  | ...                   | 5x5  | MON  | 21         | 150              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | SN    | 2007 | WCPFC  | ...                   | 5x5  | MON  | 57         | 287              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TO    | 2002 | WCPFC  | ...                   | 5x5  | MON  | 1          | 1                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TO    | 2018 | WCPFC  | 1                     | 5x5  | MON  | 2          | 3                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TV    | 2019 | WCPFC  | 3                     | 5x5  | MON  | 5          | 51               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TV    | 2020 | WCPFC  | ...                   | 5x5  | MON  | 10         | 64               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TV    | 2021 | WCPFC  | 10                    | 5x5  | MON  | 12         | 73               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TV    | 2022 | WCPFC  | ...                   | 5x5  | MON  | 2          | 2                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TW    | 2005 | WCPFC  | ...                   | 5x5  | MON  | 1          | 1                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US    | 2013 | WCPFC  | ...                   | 5x5  | MON  | 13         | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 1996 | WCPFC  | ...                   | 5x5  | MON  | 1          | 4                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 1997 | WCPFC  | ...                   | 5x5  | MON  | 5          | 13               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 1999 | WCPFC  | ...                   | 5x5  | MON  | 10         | 22               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2000 | WCPFC  | ...                   | 5x5  | MON  | 11         | 108              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2001 | WCPFC  | ...                   | 5x5  | MON  | 28         | 1,106            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2003 | WCPFC  | ...                   | 5x5  | MON  | 55         | 3,306            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2004 | WCPFC  | ...                   | 5x5  | MON  | 53         | 2,499            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2005 | WCPFC  | ...                   | 5x5  | MON  | 55         | 216              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2009 | WCPFC  | 1                     | 5x5  | MON  | 52         | 2,171            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2020 | WCPFC  | ...                   | 5x5  | MON  | 112        | 469              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2021 | WCPFC  | ...                   | 5x5  | MON  | 93         | 683              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2022 | WCPFC  | ...                   | 5x5  | MON  | 106        | 613              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-AS | 2023 | WCPFC  | ...                   | 5x5  | MON  | 75         | 529              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-HW | 1990 | WCPFC  | ...                   | 5x5  | MON  | 12         | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-HW | 1991 | WCPFC  | ...                   | 5x5  | MON  | 161        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-HW | 1992 | WCPFC  | ...                   | 5x5  | MON  | 187        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | US-HW | 1993 | WCPFC  | ...                   | 5x5  | MON  | 202        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | VU    | 2017 | WCPFC  | 1,039                 | 5x5  | MON  | 557        | 6,327            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | VU    | 2020 | WCPFC  | 1,344                 | 5x5  | MON  | 483        | 6,243            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | VU    | 2021 | WCPFC  | 1,826                 | 5x5  | MON  | 550        | 7,133            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | VU    | 2022 | WCPFC  | 1,025                 | 5x5  | MON  | 535        | 5,441            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | WS    | 2011 | WCPFC  | 24                    | 5x5  | MON  | 16         | 99               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | WS    | 2012 | WCPFC  | 30                    | 5x5  | MON  | 35         | 233              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | WS    | 2015 | WCPFC  | 1                     | 5x5  | MON  | 14         | 120              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | WS    | 2021 | WCPFC  | 23                    | 5x5  | MON  | 24         | 156              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | WS    | 2022 | WCPFC  | 19                    | 5x5  | MON  | 34         | 441              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | WS    | 2023 | WCPFC  | 25                    | 5x5  | MON  | 44         | 441              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | FM    | 2009 | WCPFC  | 339                   | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | FM    | 2010 | WCPFC  | 227                   | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | FM    | 2011 | WCPFC  | 324                   | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KI    | 2011 | WCPFC  | 19                    | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | MH    | 2010 | WCPFC  | 25                    | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | MH    | 2011 | WCPFC  | 23                    | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | MH    | 2012 | WCPFC  | 32                    | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | MH    | 2013 | WCPFC  | 9                     | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PG    | 2009 | WCPFC  | 50                    | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PT    | 2011 | WCPFC  | 188                   | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PT    | 2012 | WCPFC  | 176                   | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | PT    | 2013 | WCPFC  | 228                   | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TO    | 2011 | WCPFC  | 24                    | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TO    | 2012 | WCPFC  | 18                    | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | TO    | 2013 | WCPFC  | 25                    | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | VN    | 2020 | WCPFC  | 1                     | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | VN    | 2021 | WCPFC  | 1                     | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | VN    | 2022 | WCPFC  | 1                     | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | WS    | 2009 | WCPFC  | 43                    | ...  | ...  | ...        | ...              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | ID    | 2022 | WCPFC  | ...                   | ...  | ...  | ...        | 1                | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | JP    | 1980 | WCPFC  | ...                   | ...  | ...  | ...        | 2,133            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | JP    | 1983 | WCPFC  | ...                   | ...  | ...  | ...        | 2,156            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | JP    | 1986 | WCPFC  | ...                   | ...  | ...  | ...        | 3,290            | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KR    | 1981 | WCPFC  | ...                   | ...  | ...  | ...        | 93               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KR    | 1982 | WCPFC  | ...                   | ...  | ...  | ...        | 22               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KR    | 1983 | WCPFC  | ...                   | ...  | ...  | ...        | 47               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KR    | 1984 | WCPFC  | ...                   | ...  | ...  | ...        | 207              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |

(continued)

| Gear | Flag | Year | Region | Aggregate Data        |      |      |            | Operational Data |      |      |          | Length Data |      |      |          |         |
|------|------|------|--------|-----------------------|------|------|------------|------------------|------|------|----------|-------------|------|------|----------|---------|
|      |      |      |        | Annual Catch Estimate | Area | Time | Catch recs | Catch recs       | Area | Time | Size int | Samples     | Area | Time | Size int | Samples |
| L    | KR   | 1985 | WCPFC  | ...                   | ...  | ...  | ...        | 443              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KR   | 1986 | WCPFC  | ...                   | ...  | ...  | ...        | 108              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KR   | 1987 | WCPFC  | ...                   | ...  | ...  | ...        | 226              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KR   | 1988 | WCPFC  | ...                   | ...  | ...  | ...        | 268              | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |
| L    | KR   | 1989 | WCPFC  | ...                   | ...  | ...  | ...        | 21               | ...  | ...  | ...      | ...         | ...  | ...  | ...      | ...     |