













































































































**Table 4.** Annual catch of striped marlin (*Kajikia audax*) in metric tons for fisheries monitored by ISC for assessments of North Pacific Ocean stocks, 1951-2008. Blank indicates no effort. - indicates data not available. 0 indicates less than 1 metric ton. Provisional estimates in ().

| Year | Japan                             |                  |                |                     |                     |                    | Chinese Taipei         |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
|------|-----------------------------------|------------------|----------------|---------------------|---------------------|--------------------|------------------------|-----------------------|-------------------|------------------|-----------------|-----------------|----------------|-----------------------------|------------------|----------------|-------|-----|
|      | Distant Water & Offshore Longline | Coastal Longline | Other Longline | Gill Net Small Mesh | Gill Net Large Mesh | Other <sup>2</sup> | Distant Water Longline | High-sea DriftGillnet | Offshore Longline | Offshore Gillnet | Offshore Others | Coastal Harpoon | Coastal Setnet | Coastal Gillnet & Other net | Coastal Longline | Coastal Others | Other |     |
| 1951 | 2,494                             | -                | 673            | -                   | 0                   | 1,281              |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
| 1952 | 2,901                             | -                | 722            | -                   | 0                   | 1,564              |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
| 1953 | 2,138                             | -                | 47             | -                   | 0                   | 954                |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
| 1954 | 3,068                             | -                | 52             | -                   | 0                   | 1,088              |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
| 1955 | 3,082                             | -                | 28             | -                   | 0                   | 1,038              |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
| 1956 | 3,729                             | -                | 59             | -                   | 0                   | 1,996              |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
| 1957 | 3,189                             | -                | 119            | -                   | 0                   | 2,459              |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
| 1958 | 4,106                             | -                | 277            | -                   | 3                   | 2,914              |                        |                       | 543               |                  |                 |                 |                |                             |                  |                |       | 387 |
| 1959 | 4,152                             | -                | 156            | -                   | 2                   | 3,191              |                        |                       | 391               |                  |                 |                 |                |                             |                  |                |       | 354 |
| 1960 | 3,862                             | -                | 101            | -                   | 4                   | 1,937              |                        |                       | 398               |                  |                 |                 |                |                             |                  |                |       | 350 |
| 1961 | 4,420                             | -                | 169            | -                   | 2                   | 1,797              |                        |                       | 306               |                  |                 |                 |                |                             |                  |                |       | 342 |
| 1962 | 5,739                             | -                | 110            | -                   | 8                   | 1,912              |                        |                       | 332               |                  |                 |                 |                |                             |                  |                |       | 211 |
| 1963 | 6,135                             | -                | 62             | -                   | 17                  | 1,910              |                        |                       | 560               |                  |                 |                 |                |                             |                  |                |       | 199 |
| 1964 | 14,304                            | -                | 42             | -                   | 2                   | 2,344              |                        |                       | 392               |                  |                 |                 |                |                             |                  |                |       | 175 |
| 1965 | 11,602                            | -                | 19             | 0                   | 1                   | 2,794              |                        |                       | 355               |                  |                 |                 |                |                             |                  |                |       | 157 |
| 1966 | 8,419                             | -                | 112            | 0                   | 2                   | 1,570              |                        |                       | 370               |                  |                 |                 |                |                             |                  |                |       | 180 |
| 1967 | 11,698                            | -                | 127            | 0                   | 3                   | 1,551              | 2                      |                       | 385               |                  |                 |                 |                |                             |                  |                |       | 204 |
| 1968 | 15,913                            | -                | 230            | 0                   | 0                   | 1,043              | 1                      |                       | 332               |                  |                 |                 |                |                             |                  |                |       | 208 |
| 1969 | 8,544                             | 600              | 3              | 0                   | 3                   | 2,668              | 2                      |                       | 571               |                  |                 |                 |                |                             |                  |                |       | 192 |
| 1970 | 12,996                            | 690              | 181            | 0                   | 3                   | 1,032              | 0                      |                       | 495               |                  |                 |                 |                |                             |                  |                |       | 189 |
| 1971 | 10,965                            | 667              | 259            | 0                   | 10                  | 2,042              | 0                      |                       | 449               |                  |                 |                 |                |                             |                  |                |       | 135 |
| 1972 | 7,006                             | 837              | 145            | 0                   | 243                 | 993                | 9                      |                       | 380               |                  |                 |                 |                |                             |                  |                |       | 126 |
| 1973 | 6,357                             | 632              | 118            | 0                   | 3,265               | 702                | 1                      |                       | 568               |                  |                 |                 |                |                             |                  |                |       | 139 |
| 1974 | 6,700                             | 327              | 49             | 0                   | 3,112               | 775                | 24                     |                       | 650               |                  |                 |                 |                |                             |                  |                |       | 118 |
| 1975 | 5,281                             | 286              | 38             | 0                   | 6,534               | 686                | 64                     |                       | 732               |                  |                 |                 |                |                             |                  |                |       | 96  |
| 1976 | 5,136                             | 244              | 34             | 0                   | 3,561               | 585                | 32                     |                       | 347               |                  |                 |                 |                |                             |                  |                |       | 140 |
| 1977 | 3,019                             | 256              | 15             | 0                   | 4,424               | 547                | 17                     |                       | 524               |                  |                 |                 |                |                             |                  |                |       | 219 |
| 1978 | 3,957                             | 243              | 27             | 0                   | 5,593               | 546                | 0                      |                       | 618               |                  |                 |                 |                |                             |                  |                |       | 78  |
| 1979 | 5,561                             | 366              | 21             | 0                   | 2,532               | 526                | 26                     |                       | 432               |                  |                 |                 |                |                             |                  |                |       | 122 |
| 1980 | 6,378                             | 607              | 5              | 0                   | 3,467               | 536                | 61                     |                       | 223               |                  |                 |                 |                |                             |                  |                |       | 132 |
| 1981 | 4,106                             | 259              | 12             | 0                   | 3,866               | 542                | 17                     |                       | 491               |                  |                 |                 |                |                             |                  |                |       | 95  |
| 1982 | 5,383                             | 270              | 13             | 0                   | 2,351               | 656                | 7                      |                       | 397               |                  |                 |                 |                |                             |                  |                |       | 138 |
| 1983 | 3,722                             | 320              | 10             | 22                  | 1,845               | 827                | 0                      |                       | 555               |                  |                 |                 |                |                             |                  |                |       | 214 |
| 1984 | 3,506                             | 386              | 9              | 76                  | 2,257               | 719                | 0                      |                       | 965               |                  |                 |                 |                |                             |                  |                |       | 330 |
| 1985 | 3,897                             | 711              | 24             | 40                  | 2,323               | 733                | 0                      |                       | 513               |                  |                 |                 |                |                             |                  |                |       | 181 |
| 1986 | 6,402                             | 901              | 33             | 48                  | 3,536               | 577                | 0                      |                       | 179               |                  |                 |                 |                |                             |                  |                |       | 148 |
| 1987 | 7,538                             | 1,187            | 6              | 32                  | 1,856               | 513                | 31                     |                       | 383               |                  |                 |                 |                |                             |                  |                |       | 151 |
| 1988 | 6,271                             | 752              | 7              | 54                  | 2,157               | 668                | 7                      |                       | 457               |                  |                 |                 |                |                             |                  |                |       | 169 |
| 1989 | 4,740                             | 1,081            | 13             | 102                 | 1,562               | 537                | 8                      |                       | 184               |                  |                 |                 |                |                             |                  |                |       | 157 |
| 1990 | 2,368                             | 1,125            | 3              | 19                  | 1,926               | 545                | 2                      |                       | 137               |                  |                 |                 |                |                             |                  |                |       | 256 |
| 1991 | 2,845                             | 1,197            | 3              | 27                  | 1,302               | 507                | 36                     |                       | 254               |                  |                 |                 |                |                             |                  |                |       | 286 |
| 1992 | 2,955                             | 1,247            | 10             | 35                  | 1,169               | 303                | 1                      |                       | 219               |                  |                 |                 |                |                             |                  |                |       | 197 |
| 1993 | 3,476                             | 1,723            | 1              | -                   | 828                 | 708                | 5                      |                       | 221               |                  |                 |                 |                |                             |                  |                |       | 142 |
| 1994 | 2,911                             | 1,284            | 1              | -                   | 1,443               | 383                | 1                      |                       | 137               |                  |                 |                 |                |                             |                  |                |       | 196 |
| 1995 | 3,494                             | 1,840            | 3              | -                   | 970                 | 283                | 27                     |                       | 83                |                  |                 |                 |                |                             |                  |                |       | 82  |
| 1996 | 1,951                             | 1,836            | 4              | -                   | 703                 | 152                | 26                     |                       | 162               | 8                | 6               | 30              | 3              | -                           | -                | -              | -     |     |
| 1997 | 2,120                             | 1,400            | 3              | -                   | 813                 | 163                | 59                     |                       | 290               | 9                | -               | 33              | 3              | -                           | 2                | -              | -     |     |
| 1998 | 1,784                             | 1,975            | 2              | -                   | 1,092               | 304                | 90                     |                       | 205               | 15               | -               | 19              | 6              | 1                           | 9                | -              | -     |     |
| 1999 | 1,608                             | 1,551            | 4              | -                   | 1,126               | 184                | 66                     |                       | 128               | 7                | -               | 26              | 5              | 1                           | 3                | -              | -     |     |
| 2000 | 1,152                             | 1,109            | 8              | -                   | 1,062               | 297                | 153                    |                       | 161               | 17               | 1               | 29              | 6              | 1                           | 1                | -              | -     |     |
| 2001 | 985                               | 1,326            | 11             | -                   | 1,077               | 237                | 121                    |                       | 129               | 16               | -               | 30              | 5              | -                           | -                | -              | -     |     |
| 2002 | 764                               | 796              | 5              | -                   | 1,264               | 290                | 251                    |                       | 226               | 14               | -               | 6               | 8              | 1                           | -                | -              | -     |     |
| 2003 | 1,013                             | 842              | 3              | -                   | 1,064               | 203                | 241                    |                       | 91                | 26               | -               | 11              | 5              | 1                           | -                | -              | -     |     |
| 2004 | 699                               | 1,000            | 2              | -                   | 1,339               | 92                 | 261                    |                       | 95                | 8                | 1               | 7               | 5              | 2                           | -                | -              | 1     |     |
| 2005 | 562                               | 668              | 1              | -                   | 1,214               | 98                 | 176                    |                       | 76                | 1                | -               | 5               | 9              | 9                           | -                | -              | 8     |     |
| 2006 | 623                               | 539              | 1              | -                   | 1,190               | 95                 |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
| 2007 | (306)                             | (860)            | (5)            | (-)                 | (970)               | (79)               |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |
| 2008 | (394)                             | (606)            | (10)           | (-)                 | (1,302)             | (97)               |                        |                       |                   |                  |                 |                 |                |                             |                  |                |       |     |

<sup>1</sup> Estimated from catch in number of fish

<sup>2</sup> Contrains bait fishing, net fishing, trapnet, trolling, harpoon, etc.

Table 4 (continued)

| Year | Costa Rica         |          | Korea                | Mexico   |                    | United States |       |          |                    | Grand Total |
|------|--------------------|----------|----------------------|----------|--------------------|---------------|-------|----------|--------------------|-------------|
|      | Sport <sup>1</sup> | Longline | Hi-seas DriftGillnet | Longline | Sport <sup>1</sup> | Longline      | Troll | Handline | Sport <sup>1</sup> |             |
| 1951 |                    |          |                      |          |                    |               |       |          |                    | 4,448       |
| 1952 |                    | -        |                      |          |                    |               |       |          | 23                 | 5,210       |
| 1953 |                    | -        |                      |          |                    |               |       |          | 5                  | 3,144       |
| 1954 |                    | -        |                      |          |                    |               |       |          | 16                 | 4,223       |
| 1955 |                    | -        |                      |          |                    |               |       |          | 5                  | 4,153       |
| 1956 |                    | -        |                      |          |                    |               |       |          | 34                 | 5,819       |
| 1957 |                    | -        |                      |          |                    |               |       |          | 42                 | 5,809       |
| 1958 |                    | -        |                      |          |                    |               |       |          | 59                 | 8,289       |
| 1959 |                    | -        |                      |          |                    |               |       |          | 65                 | 8,311       |
| 1960 |                    | -        |                      |          |                    |               |       |          | 30                 | 6,682       |
| 1961 |                    | -        |                      |          |                    |               |       |          | 24                 | 7,060       |
| 1962 |                    | -        |                      |          |                    |               |       |          | 5                  | 8,317       |
| 1963 |                    | -        |                      |          |                    |               |       |          | 68                 | 8,951       |
| 1964 |                    | -        |                      |          |                    |               |       |          | 58                 | 17,317      |
| 1965 |                    | -        |                      |          |                    |               |       |          | 23                 | 14,951      |
| 1966 |                    | -        |                      |          |                    |               |       |          | 36                 | 10,689      |
| 1967 |                    | -        |                      |          |                    |               |       |          | 49                 | 14,019      |
| 1968 |                    | -        |                      |          |                    |               |       |          | 51                 | 17,778      |
| 1969 |                    | -        |                      |          |                    |               |       |          | 30                 | 12,613      |
| 1970 |                    | -        |                      |          |                    |               |       |          | 18                 | 15,604      |
| 1971 |                    | 0        |                      |          |                    |               |       |          | 17                 | 14,544      |
| 1972 |                    | 0        |                      |          |                    |               |       |          | 21                 | 9,760       |
| 1973 |                    | 0        |                      |          |                    |               |       |          | 9                  | 11,791      |
| 1974 |                    | 0        |                      |          |                    |               |       |          | 55                 | 11,810      |
| 1975 |                    | 0        |                      |          |                    |               |       |          | 27                 | 13,744      |
| 1976 |                    | 0        |                      |          |                    |               |       |          | 31                 | 10,110      |
| 1977 |                    | 43       |                      |          |                    |               |       |          | 41                 | 9,105       |
| 1978 |                    | 28       |                      |          |                    |               |       |          | 37                 | 11,127      |
| 1979 |                    | -        |                      |          |                    |               |       |          | 36                 | 9,622       |
| 1980 |                    | 37       |                      |          |                    |               |       |          | 33                 | 11,479      |
| 1981 |                    | -        |                      |          |                    |               |       |          | 60                 | 9,448       |
| 1982 |                    | 39       |                      |          |                    |               |       |          | 41                 | 9,295       |
| 1983 |                    | 19       |                      |          |                    |               |       |          | 39                 | 7,573       |
| 1984 |                    | 23       |                      |          |                    |               |       |          | 36                 | 8,307       |
| 1985 |                    | 16       |                      |          |                    |               | 18    |          | 42                 | 8,498       |
| 1986 |                    | 61       |                      | -        |                    |               | 19    |          | 19                 | 11,923      |
| 1987 |                    | 1        |                      | -        |                    | 272           | 30    | 1        | 28                 | 12,029      |
| 1988 |                    | 11       |                      | -        |                    | 504           | 54    |          | 30                 | 11,141      |
| 1989 |                    | 26       |                      | -        |                    | 612           | 24    | 0        | 52                 | 9,098       |
| 1990 |                    | 315      |                      | -        | 181                | 538           | 27    | 0        | 23                 | 7,465       |
| 1991 | 106                | 141      |                      | -        | 75                 | 663           | 41    | 0        | 12                 | 7,495       |
| 1992 | 281                | 318      |                      | -        | 142                | 459           | 38    | 1        | 25                 | 7,400       |
| 1993 | 438                | 388      |                      | -        | 159                | 471           | 68    | 1        | 11                 | 8,640       |
| 1994 | 521                | 1,045    |                      | -        | 179                | 326           | 35    | 0        | 17                 | 8,479       |
| 1995 | 153                | 307      |                      | -        | 190                | 543           | 52    | 0        | 14                 | 8,041       |
| 1996 | 122                | 429      |                      | -        | 237                | 418           | 54    | 1        | 20                 | 6,162       |
| 1997 | 138                | 1,017    |                      | -        | 193                | 352           | 38    | 1        | 21                 | 6,655       |
| 1998 | 144                | 635      |                      | -        | 345                | 378           | 26    | 0        | 23                 | 7,053       |
| 1999 | 166                | 433      |                      | -        | 266                | 364           | 28    | 1        | 12                 | 5,979       |
| 2000 | 97                 | 537      |                      | -        | 312                | 200           | 14    | 1        | 10                 | 5,168       |
| 2001 | 151                | 254      |                      | -        | 237                | 351           | 42    | 2        |                    | 4,974       |
| 2002 | 76                 | 188      |                      | -        | 305                | 226           | 30    | 0        |                    | 4,450       |
| 2003 | 79                 | 206      |                      | -        | 322                | 552           | 29    | 0        |                    | 4,687       |
| 2004 | (19)               | 75       |                      | -        | -                  | 376           | 34    | 1        |                    | 4,017       |
| 2005 | -                  | 141      |                      | -        | -                  | 493           | 20    | 0        |                    | 3,481       |
| 2006 | -                  | 56       |                      | -        | -                  | 609           | 21    | 0        |                    | (3,134)     |
| 2007 | -                  | 28       |                      | -        | -                  | 265           | 13    | 0        |                    | (2,526)     |
| 2008 | -                  | -        |                      | -        | -                  | -             | -     | -        | -                  | (2,409)     |