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INTRODUCTION

Editions of the SPC Tuna Fishery Yearbook for 1992–1997 presented catch statistics for the SPC Statistical Area, which encompasses the exclusive economic zones (EEZs) of SPC member countries and territories and the adjacent high seas. Starting with the edition of the Yearbook for 1998, the tables were modified to present catch statistics for the Western and Central Pacific Ocean (WCPO). The WCPO Area (Figure 1) was established for statistical purposes at the Twelfth Meeting of the Standing Committee on Tuna and Billfish, 16–23 June 1999, Tahiti, French Polynesia (Anon. 1999).

The present document covers tuna fisheries in the WCPO from 1950 to 2003. The tables of catch statistics cover the four main commercial species caught in the WCPO: albacore (*Thunnus alalunga*), bigeye (*Thunnus obesus*), skipjack (*Katsuwonus pelamis*) and yellowfin (*Thunnus albacares*). Catches of other species, e.g. billfish, are not covered explicitly, and discards are not considered. Historical statistics have been revised as new information has been made available. Statistical tables covering individual fleets are followed by tables summarising the numbers of vessels, catches by species and gear type in the WCPO, and catches by species and ocean areas. The summary tables were developed for use by the Standing Committee on Tuna and Billfish.

The industrial fishing methods employed in the WCPO include longline, pole-and-line, purse seine and troll. Two types of longline are considered: distant-water longlining, which is conducted by large, freezer-equipped vessels that make trips of up to several months' duration, and offshore longlining, which is conducted by small vessels that make trips of usually less than two weeks' duration. Drift net fishing for albacore in the South Pacific Ocean ceased in 1991. Estimates for small-scale fisheries have been included where available. The tables of annual catch statistics for each fleet are accompanied by histograms showing annual catches and by maps of fishing effort in the most recent year for which data are available.

The sources of data are listed below. If not stated explicitly, the government agencies referenced in the notes are agencies of the fishing nation covered in the table. Whenever possible, the annual catch estimates were obtained from the governments of the fishing nations; however, many of the statistics are from other sources. When no other statistics were available, an attempt was made to estimate catches from information held at SPC. Extensive use was made of catch and effort logsheet data and unloading data held at SPC, which have been provided by SPC member countries and territories from both domestic and foreign fleets operating in their EEZs. Maps depicting the distribution of fishing effort were produced from logsheet data held at SPC, except for the Japanese longline, pole-and-line and purse-seine fleets, the Korean longline fleet, the Chinese Taipei distant-water longline fleet and the United States longline (based in Hawaii and California) and troll fleets, for which maps were produced from data grouped by time–area strata provided by the fishing nations.

The tables for individual fleets cover those years during which the fleet is known to have fished; the lack of recent years in a table implies that the fleet has ceased fishing. Catches are reported in whole weights. Zero catches because of no fishing effort are represented by a hyphen. Zero catches with positive effort are represented by a zero. Catches greater than zero but less than half a tonne are represented by a plus sign. Missing values are represented by an ellipsis, and values carried over from previous years are given in parentheses.

Caution should be used in interpreting the statistics presented herein; in particular, most estimates for 2003 should be considered as preliminary.

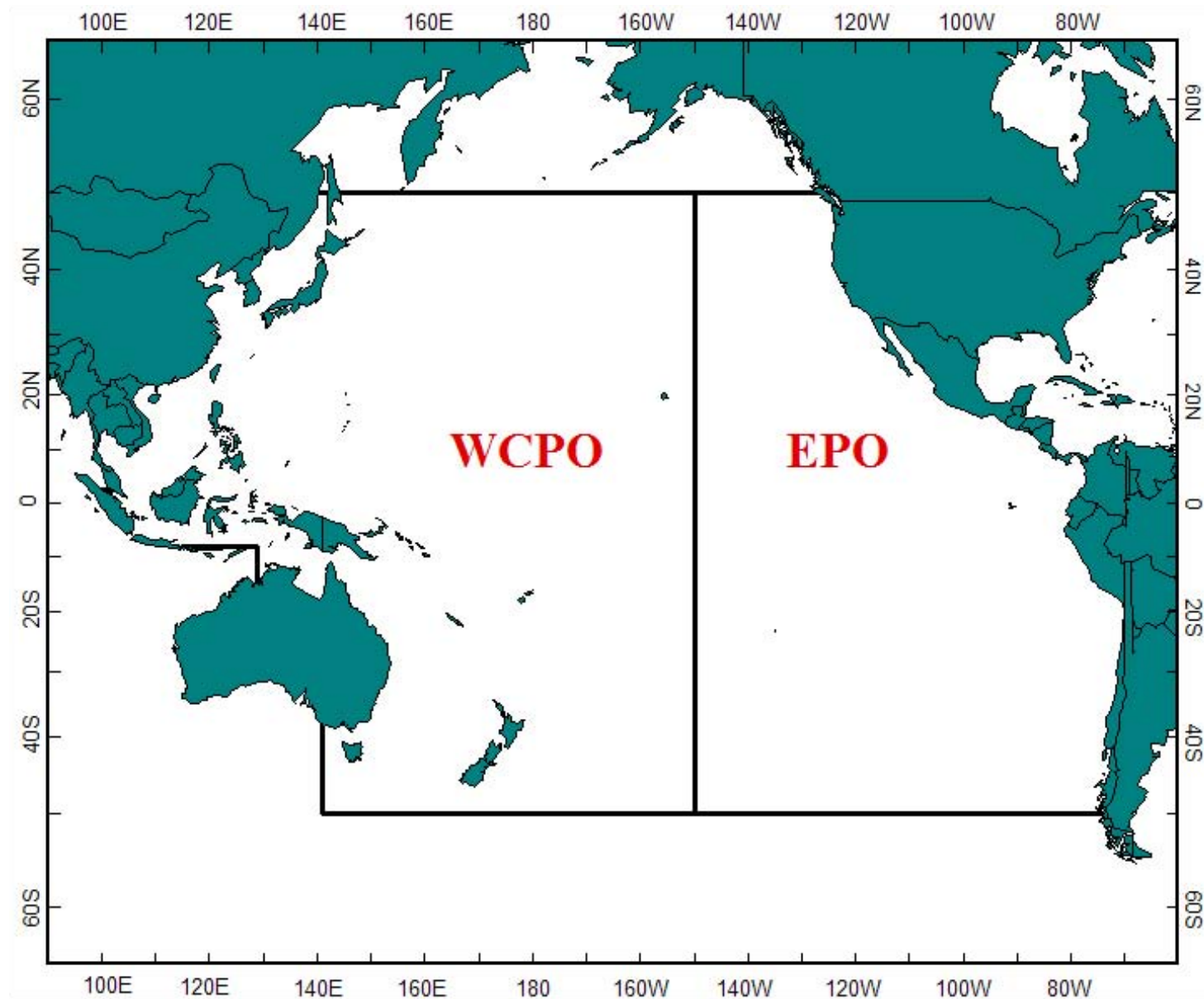


Figure 1. Western and Central Pacific Ocean (WCPO) and Eastern Pacific Ocean (EPO)

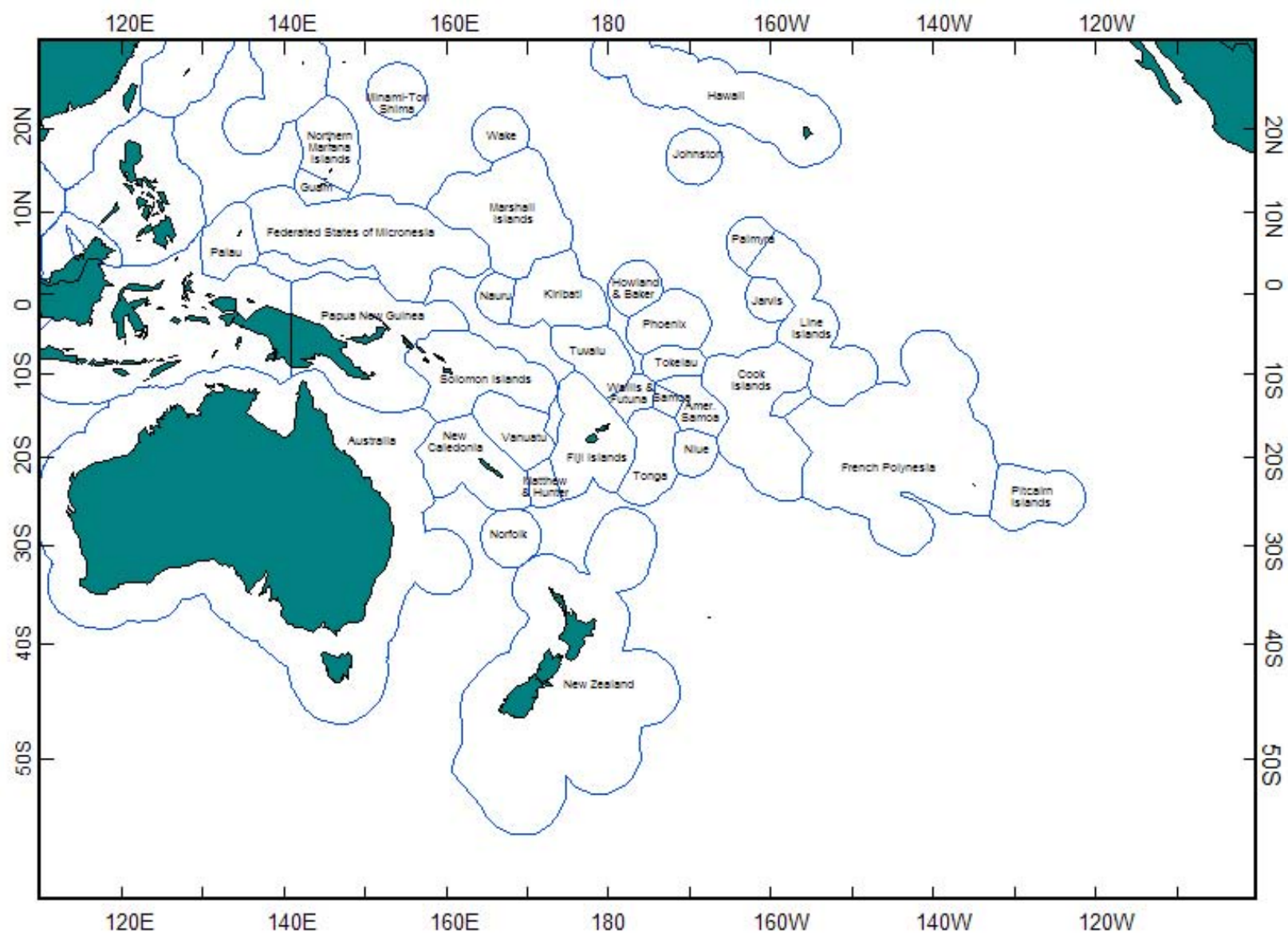


Figure 2. Approximate 200 mile zones

SOURCES OF ESTIMATES

DRIFT NET

- Japan Albacore: All estimates were taken from Matsunaga & Uozumi (1996).
- Republic of Korea Albacore: The estimate for 1989 was provided by the National Fisheries Administration of the Republic of Korea (Kim, pers. comm., June 1989).
- Chinese Taipei Albacore: The estimate for 1988 was provided to SPC by an industry source. The estimate for 1989 was determined from catch and effort data provided by the Tuna Research Center, National Taiwan University (Hsu, pers. comm., January 1991). The estimates for 1990–1991 were taken from Wang (1991). All estimates are for the fishing year, August–July; catches were allocated to the year in which the fishing year ended.

LONGLINE

- American Samoa Vessels, Albacore, Bigeye and Yellowfin: The numbers of vessels and catch estimates for 1988–1996 were provided by the National Marine Fisheries Service (Skillman, pers. comm., June 2002). The numbers of vessels and catch estimates for 1997 were taken from Ito et al. (2002). The numbers of vessels and catch estimates for 1998–2003 were provided by the National Marine Fisheries Service (Skillman, pers. comm., May 2004). CPUE estimates were determined from data held at SPC.
- Australia Vessels, Albacore, Bigeye and Yellowfin: All statistics for 1985 were determined from information provided by the Bureau of Rural Sciences (BRS) (Ward, pers. comm., June 1997). All statistics for 1986–2001, except CPUE, were determined from information provided in Findlay & Bromhead (2002); bigeye and yellowfin catch estimates for 1986–2001 have been converted from processed weights to whole weights using conversion factors of 1.131 for bigeye and 1.166 for yellowfin. CPUE estimates for 1985–2000 were provided by BRS (Robins, pers. comm., August 2001); CPUE estimates for 2001 were determined from data held at SPC. All estimates for 2002, except the number of vessels active and the catch of ‘other’ species, were provided by BRS (Bromhead, pers. comm., May 2003); the number of vessels active was taken from Bromhead & Findlay (2003); the catch of ‘other’ species was determined from logsheet data held by SPC. All estimates for 2003 were provided by BRS (Bromhead, pers. comm., April 2004, May 2004).
- Australia–Japan joint venture Vessels, Albacore, Bigeye and Yellowfin: All statistics were determined from information provided by the Bureau of Rural Sciences (Ward, pers. comm., June 1997, May 1998). The catch estimates have been converted from dressed weights to whole weights using conversion factors of 1.131 for bigeye and 1.166 for yellowfin.
- China Vessels, Albacore, Bigeye and Yellowfin: All estimates for 1988–1998 were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended. The numbers of hooks for 2000–2001 were taken from Xu (2002). The number of vessels active and catch estimates for 1999–2003 were taken from Song et al. (2004). The map of catches taken in 2002 does not cover vessels targeting albacore at higher latitudes.

LONGLINE continued

- Cook Islands** Vessels, Albacore, Bigeye and Yellowfin: The number of vessels and catch estimates for 1994–1995 were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended. Estimates of the number of vessels and catches for 1996 were provided by the Ministry of Marine Resources (Mitchell, pers. comm., May 1998). The number of vessels for 1998 was taken from Mitchell (1999). The number of vessels for 1999 was taken from Mitchell (2000). Catch estimates for 2002 were taken from Mitchell (2003). The number of vessels and catch estimates for 2002–2003 were taken from Marurai (2004). All estimates of CPUE were determined from logsheet data held at SPC.
- Fed. States of Micronesia** Vessels, Albacore, Bigeye and Yellowfin: All estimates were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended.
- Fiji Islands** Vessels, Albacore, Bigeye and Yellowfin: The number of vessels active and catches for 1989 were estimated from landings data, logsheet data and port sampling data held at SPC. Estimates for 1990–1992 were taken from Sharma (1993). The number of vessels active and catches for 1993 were provided by the Fiji Fish Company Ltd (Saheb, pers. comm., May 1994) and by the Pacific Fishing Company Ltd (Kumar, pers. comm., April 1994). The number of vessels and catch estimates for 1994 were taken from Tuwai (1999). The number of vessels and catch estimates for 1995–1996 were taken from Tuwai (2000). The number of vessels and catch estimates for 1997 were taken from Amoe (2002). The number of vessels and catch estimates for 1998 were taken from Amoe (2003). The number of vessels and catch estimates for 1999–2003 were taken from Amoe (2004); the number of vessels represents licensed vessels. The catch estimates for 1997–1999 have not been raised to account for missing data. The estimate of the catch of ‘other’ species for 1992 was based on observer data; estimates for other years are based on landings data and logsheet data. These statistics include joint ventures with Australia, Korea, New Zealand, Chinese Taipei and the United States, but not chartered Chinese Taipei distant-water longliners or United States longliners fishing as foreign vessels. CPUE estimates were determined from logsheet data held at SPC.
- French Polynesia** Vessels, Albacore, Bigeye and Yellowfin: All estimates for 1990–1995 were provided by the Service des Ressources Marines (Stein, pers. comm., May 2003). The number of vessels and catch estimates for 1996 were taken from Misselis (2003). The number of vessels and catch estimates for 1997–2003 were taken from Ponsonnet (2004). Catches to the east of 150°W have been included. These statistics cover all longliners, including coastal longliners (*palangriers côtiers*), offshore longliners (*palangriers hauturiers*) and converted *bonitiers*. The catch estimates cover discards.
- Indonesia** Vessels: All estimates were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997).
- Bigeye: All estimates were determined by adjusting estimates of yellowfin catches for the inclusion of bigeye; the proportion of bigeye in the catch of yellowfin was estimated as 8.6 per cent (Hampton et al. 1996). For the sources of the unadjusted estimates of yellowfin, see ‘Yellowfin’ below.
- Yellowfin: Estimates for 1978–1981, 1983 and 1988–1989 were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). Estimates for 1982, 1984–1987 and 1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71. Estimates for 1991–2002 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003). All estimates were adjusted for the inclusion of bigeye; the proportion of bigeye in the catch of yellowfin was estimated as 8.6 per cent (Hampton et al. 1996).

LONGLINE continued

Japan, coastal	<u>Vessels</u>: Estimates for 1953–2002 were taken from Miyabe et al. (2004). <u>Bigeye and Yellowfin</u>: Estimates of yellowfin catches for 1952–1968 were taken from Anon. (1980). Estimates of bigeye and yellowfin catches for 1969 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., July 2003). Estimates of bigeye and yellowfin catches for 1970–2002 were taken from Miyabe et al. (2004).
Japan, offshore/distant-water	<u>Vessels</u>: Estimates for 1953–2003 were taken from Miyabe et al. (2004). The numbers of distant-water vessels are for all oceans. <u>Albacore in the WCPO (Table 9), Bigeye and Yellowfin</u>: All estimates for 1952–1961 were determined from catch and effort data, grouped by 5° latitude, 5° longitude and month, provided by the Fisheries Agency of Japan. All estimates for 1962–1969, except estimates of the catch of other species and CPUE, were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., July 2003); estimates of the catch of other species and CPUE were determined from catch and effort data, grouped by 5° latitude, 5° longitude and month, provided by the Fisheries Agency of Japan. All estimates for 1970–2003, except the catch of other species and CPUE during 1970–1997, were taken from Miyabe et al. (2004); estimates of the catch of other species and CPUE were determined from catch and effort data, grouped by 5° latitude, 5° longitude and month, provided by the Fisheries Agency of Japan. The catch data provided by the Fisheries Agency of Japan are given in numbers of fish; these were converted to tonnes by the OFP. <u>Albacore in the South Pacific Ocean (Table 68)</u>: Estimates for 1952–1969 were taken from Matsunaga & Uozumi (1996). Estimates for 1970–2001 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1999, June 2000, July 2003).
Kiribati	<u>Vessels, Bigeye and Yellowfin</u>: All estimates for 1995–1996 were determined from logsheet and landings data held at SPC. The number of vessels and catch estimates for 2000–2003 were taken from Awira (2004).
Marshall Islands	<u>Vessels, Albacore, Bigeye and Yellowfin</u>: All estimates were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended.
Nauru	<u>Vessels, Albacore, Bigeye and Yellowfin</u>: The numbers of vessels for 2000–2003 and catch estimates for 2003 were taken from Jacob (2004).
New Caledonia	<u>Vessels, Albacore, Bigeye and Yellowfin</u>: Estimates for 1983–1986 were determined from logsheet data held at SPC. All estimates except CPUE for 1987–1991 were provided by the Service de la Marine Marchande et des Pêches Maritimes (Etaix-Bonnin, pers. comm., June 1991, April 1992, March 1994). All estimates except CPUE for 1992 were taken from Etaix-Bonnin (1997). All estimates except CPUE for 1993–1995 were taken from Marine Marchande (1998). All estimates except CPUE for 1996–2000 were taken from Etaix-Bonnin (2001). All estimates except CPUE for 2001 were taken from Etaix-Bonnin (2002). All estimates except CPUE for 2002 were taken from Etaix-Bonnin (2003). All estimates except CPUE for 2003 were provided by the Service de la Marine Marchande et des Pêches Maritimes (Etaix-Bonnin, pers. comm., March 2004). All CPUE estimates were determined from logsheet data held by SPC. Estimates for 1983–1995 for bigeye and yellowfin have been converted by SPC from processed to whole weights using the factor of 1.12 recommended by the Marine Marchande (Etaix-Bonnin, pers. comm., April 1999). Estimates for 2003 were converted by the Marine Marchande from gilled-and-gutted, steak and filet weights to whole weights using the factors of 1.13, 1.30 and 2.00 respectively.

LONGLINE continued

- New Zealand Vessels: Estimates for 1989–2002 were provided by the National Institute of Water and Atmospheric Research (NIWA) (Murray, pers. comm., June 2002, June 2003). Estimates for 2003 were provided by the Ministry of Fisheries (Murray, pers. comm., May 2004).
- Albacore, Bigeye and Yellowfin: Estimates for 1987–1988 were taken from Murray et al. (2000). These estimates are for the fishing year, October–September. Estimates for 1989 were taken from Murray and Griggs (2001). Catch estimates for 1990–2001 were taken from Murray et al. (2002). Catch estimates for 2002–2003 were taken from Kendrick et al. (2004); estimates for ‘other’ species for 2002–2003 include skipjack, Pacific bluefin, southern bluefin and swordfish only.
- Palau Vessels, Albacore, Bigeye and Yellowfin: All estimates were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended.
- Papua New Guinea Vessels, Albacore, Bigeye and Yellowfin: According to observer data provided by the Australian Fisheries Management Authority, one vessel flagged in Papua New Guinea fished in Australia in 1991. All estimates for 1993 were determined from logsheet data held at SPC. All estimates for 1994 were determined from logsheet data held at SPC and from statistics provided by the National Fisheries Authority (Kumoru, pers. comm., June 1995). The number of vessels and an estimate of the total catch for 1995 were provided by an industry source; the species composition was determined from logsheet statistics provided by the National Fisheries Authority (Robinson, pers. comm., June 1997). All estimates, except the catch of albacore and CPUE, for 1996 were determined from logsheet and export statistics provided by the National Fisheries Authority (Robinson, pers. comm., June 1997). The estimate of the albacore catch for 1996 was determined from logsheet data held by SPC. The numbers of vessels for 1997 were taken from Kumoru (2002). Catch estimates for 1997 were determined from logsheet and landings data held at SPC. CPUE estimates for 1993–1997 were determined from logsheet data held by SPC. All estimates for 1998–2002 were taken from Kumoru & Lewis (2003); the numbers of vessels are those licensed; not all vessels may have been active; the catch estimates for tuna, but not ‘other’, were raised on the basis of coverage rates in Table 6 of that report. All estimates for 2003 were taken from Kumoru (2004); the numbers of vessels are those licensed.
- Philippines Vessels: Estimates for 1982–1996 were provided by the Bureau of Fisheries and Aquatic Sciences (Ganaden, pers. comm. to Coan, 1997). Estimates for 1998–2000 were taken from Barut (2003). The estimates represent the number of vessels licensed.
- Bigeye and Yellowfin: All estimates for 1970–1996 were taken from Lawson and Williams (1998). Estimates of the catch of skipjack and the combined catch of yellowfin and bigeye for 1997 were provided by the Bureau of Agricultural Statistics (Lingbawan, pers. comm., May 1999). Estimates of the catch of skipjack and the combined catch of yellowfin and bigeye for 1998–2000 were taken from Barut (2003). Estimates of the catch of skipjack and the combined catch of yellowfin and bigeye for 2001–2003 were provided by the Bureau of Agricultural Statistics (Amandy, pers. comm., May 1999). Catches by species were estimated using the method in Lawson & Williams (1998) and the proportions by gear type for 1996.
- Republic of Korea Vessels: Estimates for 1958–1969 were taken from Wetherall & Yong (1986). Estimates for 1970–1974 were provided by the National Fisheries Research and Development Institute (NRFDI) (Lee, pers. comm. to Coan, 1997). Estimates for 1975–1997 were taken from Koh (2001). The estimate for 1998 was taken from Koh et al. (2003). Estimates for 1999–2003 were taken from Yang et al. (2004). The numbers of vessels are for the whole Pacific Ocean.

LONGLINE continued

Albacore in the WCPO (Table 11), Bigeye and Yellowfin: Estimates for 1958–1974 were taken from Wetherall and Yong (1986); these estimates represent landings at Pago Pago, American Samoa. All statistics for 1975–1996 were taken from Koh (2001). Catch estimates for 1997 were taken from Koh et al. (2002). Catch estimates for 1998 were taken from Koh et al. (2003). Catch estimates for 1999–2003 were taken from Yang et al. (2004). CPUE estimates for 1997–2001 were determined from data provided by NFRDI, grouped by 5° latitude and 5° longitude.

Albacore in the South Pacific Ocean (Table 68): Estimates for 1958–1975 were taken from Wetherall et al. (1979); these estimates include some catch from the North Pacific. Estimates for 1976–1993 were determined by multiplying the catch in numbers of fish reported on logbooks for the SPAR area by average weights, and dividing by coverage rates; the catches in numbers of fish were determined from data provided by NFRDI, grouped by 5° latitude and 5° longitude. The average weights for 1976–1987 were taken from National Fisheries Research and Development Agency (1980, 1981, 1985, 1986, 1988, 1990), while those for 1988–1993 were estimated from logbook data held at SPC. Coverage rates for 1976–1991 were taken from Lee et al. (1997). Coverage rates for 1992–1993 were assumed to be 100 per cent; these estimates should therefore be considered as minimum estimates. Estimates for 1994–1997 were provided by the NFRDI (Hwang, pers. comm., May 1998; Moon, pers. comm., June 1999). All statistics for 1998–2000 were provided by the NFRDI (Koh, pers. comm., July 2001).

Samoa

Vessels, Albacore, Bigeye and Yellowfin: The number of vessels and catch estimates for 1993 were taken from Mulipola & Fa'asili (1999). The number of vessels and catch estimates for 1994–1995 were taken from Mulipola (2000). The number of vessels and catch estimates for 1996–2000 were taken from Su'a & Watt (2001). An estimate of the total catch for 2001 were provided by the Fisheries Division (Mulipola, pers. comm., March 2002); the average species composition during 1993–2000 was used for 2001. The number of vessels for 2001–2003 and catch estimates for 2002–2003 were taken from Imo et al. (2004).

Solomon Islands

Vessels, Albacore, Bigeye and Yellowfin: The numbers of vessels for 1973–1980 were taken from Anon. (1985). Catch estimates for 1973–1980 were determined from total catch estimates in Anon. (1985); the species composition was estimated by applying the average species composition for 1981–1985, determined from logsheet data held at SPC. The number of vessels and the total catch for 1981–1982 were taken from Anon. (1985); the species composition for 1981–1982 was determined from logsheet data held at SPC. The number of vessels and catch estimates for 1983–1985 were determined from logsheet data held at SPC. All estimates, except CPUE, for 1995–1997 were taken from Oreihaka (2001). All estimates, except CPUE, for 1998–1999 were taken from Oreihaka (2002). All estimates, except CPUE, for 2000–2003 were taken from Oreihaka (2004). CPUE estimates for 1995–2003 were determined from logsheet data held at SPC.

LONGLINE continued

Chinese Taipei,
offshore, foreign ports

Vessels, Bigeye and Yellowfin: Catches for 1990 were estimated from landings statistics provided by the Guam Department of Commerce (Harris, pers. comm., June 1991) and the Palau Maritime Authority. Catches for 1991 were estimated from landings statistics provided by the Guam Department of Commerce (Fitzgerald, pers. comm., June 1992), the Palau Maritime Authority (Rechebei, pers. comm., June 1992) and the Micronesian Maritime Authority. The catch estimates for 1991 cover transshipments in Guam, Koror and Pohnpei (Federated States of Micronesia); transshipments in Majuro (Marshall Islands) and Yap (Federated States of Micronesia) have been ignored. Catches for 1992 were estimated from landings statistics provided by the Guam Department of Commerce (Harris, pers. comm., April 1993), the Micronesian Maritime Authority, the Marshall Islands Marine Resources Authority, and Ting Hong (Yap) Co. (Chiu, pers. comm., January 1993). All estimates for 1993–1996 and the numbers of vessels for 1997–2000 were estimated from landings data, logsheet data and port sampling data held at SPC. Catch estimates for 1997–2001 were taken from Wang et al. (2002). Catch estimates for 2002 were provided by the Overseas Fisheries Development Council (Chang, pers. comm., June 2003). Catch estimates for 2003 were provided by the Fisheries Agency (Tsai, pers. comm., July 2004). The estimates for 2001–2003 represent landings in foreign ports in the Pacific region and may include catches from other ocean areas.

Chinese Taipei,
offshore, domestic

Vessels, Bigeye and Yellowfin: Estimates of yellowfin catches for 1954–1963 were taken from Anon. (1980). Estimates of yellowfin catches for 1964–1969 were determined by subtracting distant-water longline catches from estimates of catches for the whole Pacific Ocean taken from Anon. (1980). Estimates for 1970–1995 were provided by National Taiwan University (Sun, pers. comm. to Coan, 1997). Estimates for 1996 were taken from Wang & Kuo (2001). Estimates for 1997 were taken from Wang et al. (2002). Estimates for 1998 were taken from Anon. (2003). Estimates for 1999–2003 were taken from Anon. (2004). The estimates for 1996–2003 represent landings in domestic ports and may include catches from other ocean areas.

Chinese Taipei,
distant-water

Vessels: Estimates for 1975–1992 were provided by National Taiwan University (Sun, pers. comm. to Coan, 1997); the numbers of vessels are for the whole Pacific Ocean. Estimates for 1993–1997 were taken from Chang & Lu (1998). Estimates for 1998–2003 were provided by the Overseas Fisheries Development Council (Wang, pers. comm., June 2000, August 2001, June 2002; Chang, pers. comm., May 2003, May 2004).

Albacore, Bigeye and Yellowfin in the WCPO (Table 21): Catch estimates for 1963–1966 were taken from Wetherall et al. (1979). All estimates for 1967–1993 were determined from logsheet data grouped by 5° longitude, 5° latitude and month, provided by National Taiwan University (Hsu, pers. comm., September 1993, May 1994, August 1995); the aggregated data were corrected for albacore landings by SPC using the method presented in Lawson (1997). All estimates for 1994–1995 were determined from logsheet data grouped by 5° longitude, 5° latitude and month, provided by the Overseas Fisheries Development Council (OFDC); these aggregated data were corrected for albacore landings by OFDC. Catch estimates for 1996–1998 were provided by the Overseas Fisheries Development Council (Chang, pers. comm., May 2003). Bigeye and yellowfin catch estimates for 1999–2003 were taken from Anon. (2004); the albacore catch estimates for 1999–2002 were provided by the Overseas Fisheries Development Council (Chang, pers. comm., May 2003) and the albacore catch estimate for 2003 was estimated as the product of the catch in the whole Pacific Ocean (Tsai, pers. comm., April 2004) and the average proportion taken in the WCPO during 1999–2001. Catches of ‘other’ for 1996–2003 represent billfish and skipjack.

Albacore in the South Pacific Ocean (Table 68): Catch estimates for 1963–1966 were taken from Wetherall et al. (1979). All estimates for 1967–1998 were determined from logsheet data grouped by 5° longitude, 5° latitude and month (see above). Estimates for 1999–2003 were taken from Anon. (2004).

LONGLINE continued

Tonga

Vessels, Albacore, Bigeye and Yellowfin: Estimates of the number of vessels and the total catch for 1982–1989 were provided by the Ministry of Fisheries; the species composition was determined from logsheet data held at SPC. Catch estimates for 1990–1992 were determined from logsheet data held at SPC. Catches for 1993 were estimated by assuming that one large longliner (*Lofa*) fished for the full year and caught the average annual amount caught by the *Lofa* during 1982–1992, and one large longliner (*Sea Star 1*) fished for seven trips, while four small longliners (*Avalon*, *Capricorn 1*, *Capricorn 2* and *Sea Star 2*) fished for half the year on average. The number of vessels active and catch estimates for 1994–1996 were determined from logsheet and trip summary data held at SPC. Catch estimates for 1996–2000 were determined assuming each vessel active caught 100 tonnes per year; the species composition was taken as the average determined from logsheet data held by SPC for 1993–2001. The numbers of vessels for 1997–1999 were provided by the Department of Fisheries (Ha'unga, pers. comm., June 2000). The number of vessels for 2000 was provided by SPC (Desurmont, pers. comm., October 2000). The number of vessels and catch estimates for 2001 were determined from logsheet data held by SPC and catch totals provided by the Ministry of Fisheries (Aho, pers. comm., July 2002). All CPUE estimates were determined from logsheet data held at SPC. The number of vessels and catch estimates for 2002 were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended.

United States of America

Vessels, Albacore, Bigeye and Yellowfin in the WCPO, excluding American Samoa and Hawaii/California: The number of vessels and catches were estimated from landings data, logsheet data and port sampling data held at SPC. These vessels fished or unloaded in the Federated States of Micronesia, Fiji Islands, Guam, Marshall Islands, Palau and Papua New Guinea. CPUE was estimated from logsheet data held by SPC.

Vessels, Bigeye and Yellowfin for vessels based in Hawaii and California: Estimates for 1950–1998 were provided by the National Marine Fisheries Service (Coan, pers. comm., May 1999, June 2001; Skillman, pers. comm., May 2004); data for 1950–1986 may contain some dressed weights. The numbers of vessels and catch estimates for 1999–2003 were taken from Ito et al. (2004). A small proportion of the catches were taken in the Eastern Pacific Ocean.

Vanuatu

Vessels, Albacore, Bigeye and Yellowfin: All estimates for 1995–1998 were determined from logsheet data held at SPC. The number of vessels and catch estimates for 2000–2002 were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended.

POLE-AND-LINE

Australia

Albacore: All estimates were provided by the Bureau of Rural Sciences (BRS) (Caton, pers. comm., March 1996; Findlay, pers. comm., June 2002). Pole-and-line catches for 1970–1980 were incidental catches taken by vessels targeting southern bluefin tuna.

Vessels, Skipjack and Yellowfin: Estimates for 1976–1984 were determined from logsheet data held at SPC. Estimates for 1986–1992 were provided by Heinz-Greenseas (Bateman, quoted in Ward, pers. comm., June 1993); these estimates are for the fishing season, from November to June; catch and effort have been allocated to the year in which the season ended. All estimates for 1993–2002 were provided by BRS (Ward, pers. comm., June 1996, June 1997, May 1998, April 1999; Findlay, pers. comm., June 2002; Bromhead, pers. comm., May 2003); estimates for 1993–1996 and 1998 are based on logsheet data, while those for 1997 are based on landings.

POLE-AND-LINE continued**Fiji Islands**

Vessels, Bigeye, Skipjack and Yellowfin: All estimates except CPUE for 1974–1975 were provided by the Fisheries Division (Sharma, pers. comm. to Coan, 1997). All estimates except CPUE for 1976–1992 were provided by the Fisheries Division (Sharma, pers. comm., May 1990, June 1991, March 1992, April 1993; Adams, pers. comm., June 1991). The numbers of vessels active for 1979–1982 and 1985–1989 were taken from annual reports of the Fisheries Division. The catch estimates represent landings at the Pacific Fishing Company Ltd cannery in Levuka. Catches by Kiribati and Tuvalu vessels which operated in Fijian waters under charter are excluded; catches for those vessels are reported in Tables 30 and 35 respectively. Catches by the *Ika 3*, formerly registered as a New Zealand vessel, are included. The catch estimates for 1991 also include 389 tonnes caught by four vessels in the waters of Solomon Islands; these catches were determined from logsheet data held at SPC. All estimates except CPUE for 1993–1994 were taken from Tuwai (1999). All estimates except CPUE for 1995–1999 were taken from Tuwai (2000). The number of vessels and catch estimates for 2000 were taken from Tuwai & Lagibalavu (2001). The number of vessels and catch estimates for 2001 was taken from Amoe (2002); the catch estimates cover only one of the two vessels active. The numbers of vessels for 2002–2003 were taken from Amoe (2004). All CPUE estimates were determined from logsheet data held at SPC.

French Polynesia

Vessels, Bigeye, Skipjack and Yellowfin: Estimates for 1979–1989 and CPUE for 1975–1989 were taken from Josse et al. (1993). The numbers of vessels active for 1980–1989 were provided by Établissement pour la Valorisation des Activités Aquacoles et Maritimes (EVAAM) (Yen, pers. comm., May 1992). The estimates for 1979–1989 are for the *bonitier* fleet based in Papeete; they do not cover *bonitiers* based elsewhere. The numbers of vessels and catch estimates for 1990–1995 were taken from Stein (2000). The numbers of vessels and catch estimates for 1996 were taken from Misselis (2003). The numbers of vessels and catch estimates for 1997–2003 were taken from Ponsonnet (2004). CPUE estimates for 1990–1991 are from Josse et al. (1993). The CPUE estimate for 1992 was provided by EVAAM (Yen, pers. comm., June 1994). CPUE estimates for 1995–2003 were determined from the estimates of catches and days fished. All estimates for 1990–2003 cover vessels based in Papeete and those based elsewhere. Catches taken using other methods, such as trolling, harpoon and deep handline, are included. Catches to the east of the WCPO may be included.

Indonesia

Vessels: All estimates were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997).

Bigeye: All estimates were determined by adjusting estimates of yellowfin catches for the inclusion of bigeye. The proportion of bigeye in the catch of yellowfin was estimated as 10 per cent for pole-and-line (Hampton et al. 1996). For the sources of the unadjusted estimates of yellowfin, see ‘Yellowfin’ below.

Skipjack: Estimates for 1982 and 1984–1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71. Estimates for 1980–1981 and 1983 were determined by applying the proportion taken by pole-and-line in 1982 to estimates of the total catch of all gear types, which were taken from Indo-Pacific Tuna Programme (1991a, 1991b). Estimates for 1991–2002 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003).

POLE-AND-LINE continued

Yellowfin: Estimates for 1976–1983 and 1989 were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). Estimates for 1984–1988 and 1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71. Estimates for 1991–2002 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003). All estimates were adjusted for the inclusion of bigeye in the estimated catches of yellowfin; the proportion of bigeye in the catch of yellowfin was estimated at 10 per cent (Hampton et al. 1996).

Japan, combined

Bigeye, Skipjack and Yellowfin: Bigeye and yellowfin estimates of the combined coastal and offshore/distant-water catches for 1952–1971 were taken from Anon. (1980); the combined estimates for 1952–1971 may include catches from the Eastern Pacific. Skipjack estimates of the combined coastal and offshore/distant-water catches for 1951–1968 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1999); the combined estimates for 1951–1968 may include catches from other ocean areas.

Japan, coastal

Vessels, Bigeye, Skipjack and Yellowfin: Estimates of the numbers of vessels for 1953–2002 were taken from Miyabe et al. (2004); these estimates cover vessels under 20 GRT. The decrease from 1994 to 1995 is due to a change of definition for this category of vessel; troll vessels were included until 1994 and excluded thereafter. Skipjack catch estimates for 1970–2002 and bigeye and yellowfin catch estimates for 1972–2002 were taken from Miyabe et al. (2004).

Japan, distant-water/offshore

Vessels, Bigeye, Skipjack and Yellowfin: Estimates of vessel numbers for 1953–2002 were taken from Miyabe et al. (2004). Estimates of skipjack catches for 1969–1971 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., June 2000, July 2003). Estimates of days fished and catches for 1972–2002 were taken from Miyabe et al. (2004). These estimates cover vessels over 20 GRT.

Albacore in the South Pacific Ocean (Table 69): Estimates for 1960–2002 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., July 2003).

Kiribati

Vessels, Bigeye, Skipjack and Yellowfin: Anon. (1979) reported that the Kiribati Government took delivery of a 35-m skipjack pole-and-line vessel, *Nei Manganibuka*, in 1979; however, no catch statistics are given. The numbers of vessels active, days fished and the total catches for 1981–1989 were provided by Te Mautari Inc. (Tekaata, pers. comm., April 1993). The species composition for 1983–1988 was determined from logsheet data held at SPC, provided by Te Mautari Inc. The species composition for 1981–1982 and 1989 was estimated as the average species composition during 1983–1988 and 1990–1992. All statistics for 1990–1992 were provided by Te Mautari Inc. (Tekaata, pers. comm., April 1993). The number of vessels active and the total catch for 1993–1994 were provided by the Fisheries Division (Tumoa, pers. comm., January 1994; Kirata, pers. comm., July 1996). The species composition for 1993 was estimated as the average species composition during 1983–1988 and 1990–1992. The species composition for 1994 was determined from logsheet data held at SPC. Catch estimates for 1995–1997 were taken from Tinga (1999).

New Caledonia

Vessels, Skipjack and Yellowfin: All estimates were determined from logsheet data held at SPC.

POLE-AND-LINE continued

New Zealand	<u>Vessels, Skipjack and Yellowfin</u> : The numbers of vessels for 1990–2002 were provided by the National Institute of Water and Atmospheric Research (NIWA) (Murray, pers. comm., June 2002, June 2003). The number of vessels for 2003 was provided by the Ministry of Fisheries (Murray, pers. comm., May 2004). Catch estimates for 1990–2001 were taken from Murray et al. (2002). Catch estimates for 2002–2003 were taken from Kendrick et al. (2004).
Palau	<u>Vessels, Skipjack and Yellowfin</u> : Estimates for 1964–1982 cover Okinawan vessels in Palau; these estimates were determined from logsheet data held at SPC. Estimates for 1985–2000 cover one domestic pole-and-line vessel. Estimates for 1985–1992 were provided by the Palau Maritime Authority (Rechebei, pers. comm., May 1993). Estimates for 1993–2000 were taken from Palau Conservation Society (2000).
Papua New Guinea	<u>Vessels, Skipjack and Yellowfin</u> : All estimates for 1970–1981 were determined from logsheet data held at SPC. All estimates for 1984–1985 were taken from Anon. (1989b).
Solomon Islands	<u>Vessels, Skipjack and Yellowfin</u> : Catch estimates for 1971–1974 were determined by applying a species composition of 97 per cent skipjack and 3 per cent yellowfin to total catch estimates taken from Anon. (1989a). The numbers of vessels active during 1973–1974 were taken from Anon. (1985). All estimates for 1975–1980 were taken from Diake (1995). All estimates for 1981–1999 were determined from logsheet data held at SPC. The number of vessels and catch estimates for 2000–2003 were taken from Oreihaka (2004). CPUE for 2000–2003 were determined from logsheet data held at SPC.
Tuvalu	<u>Vessels, Skipjack and Yellowfin</u> : Estimates for 1982–1983 and 1987–1988 were determined from logsheet data held at SPC. The total catches for 1984–1986 and 1989 were provided by the National Fishing Company of Tuvalu (NAFICOT) (Faulkner, pers. comm., 1990); the species composition was determined from logsheet data held at SPC for 1984–1986, and by assuming a species composition of 95 per cent skipjack and 5 per cent yellowfin for 1989. All estimates for 1990–1992 were determined from data collected while the vessel was under charter to SPC for the Regional Tuna Tagging Project; catch estimates cover retained fish only and exclude fish tagged and released.
United States of America	<u>Vessels, Skipjack and Yellowfin</u> : Estimates for 1970–1996 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001). Estimates for 1997 were taken from Ito et al. (2002). Estimates for 1998–2001 were taken from Ito et al. (2003). Estimates for 2002–2003 were provided by NMFS (Skillman, pers. comm., May 2004).

PURSE SEINE

Australia, domestic	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : The skipjack catch estimate for the 1974/75 season was taken from Blackburn & Serventy (1981), quoted in Tuna Programme (1984). All estimates for 1978–2002 were provided by the Bureau of Rural Sciences (Ward, pers. comm., May 1998, April 1999, May 1999, June 2000; Robins, pers. comm., August 2001; Findlay, pers. comm., June 2002; Bromhead, pers. comm., May 2003); estimates for 1978–1996 and 1998–2000 were determined from logsheet data, while those for 1997 were determined from landings.
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PURSE SEINE continued

Australia, distant-water	<u>Vessels, Bigeye, Skipjack and Yellowfin</u>: Estimates for 1988 include two vessels that fished in Solomon Islands waters and one vessel that fished in Papua New Guinea waters. The data for the vessels which fished in Solomon Islands were taken from Anon. (1989a); statistics for the vessel which fished in Papua New Guinea were determined from logsheet data held at SPC. All estimates for 1989–1993 were determined from logsheet data held at SPC; they represent vessels that fished in the waters of the Federated States of Micronesia and Papua New Guinea. Catches by vessels operating under the Caroline Fishing Company, an Australia – Federated States of Micronesia joint venture, are excluded; these vessels are covered in Table 39. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
China	<u>Vessels, Bigeye, Skipjack and Yellowfin</u>: The number of vessels, days fished and catch estimates for 2001 were taken from Xu (2002); estimates of CPUE were determined from the estimates of catches and days fished. All estimates for 2002 were determined from logsheet data held at SPC. The number of vessels and catch estimates for 2003 were taken from Song et al. (2004). Estimates of bigeye and yellowfin catches for 2002–2003 were modified following the procedure described on page 21.
Fed. States of Micronesia	<u>Vessels, Bigeye, Skipjack and Yellowfin</u>: Estimates for 1991–1992 were determined from information provided by an industry source and the Micronesian Maritime Authority (Heberer, pers. comm., May 1994, June 1994). CPUE statistics for 1991–1992 were determined from logsheet data held at SPC. Estimates for 1993–2003 were determined from logsheet and unloadings data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
Indonesia, domestic	<u>Vessels</u>: No estimates are available. <u>Bigeye</u>: All estimates were determined by adjusting estimates of yellowfin catches for the inclusion of bigeye. The proportion of bigeye in the catch of yellowfin was estimated as 10 per cent for purse seine (Hampton et al. 1996). For the sources of the unadjusted estimates of yellowfin, see ‘Yellowfin’ below. <u>Skipjack</u>: Estimates for 1982 and 1984–1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71. Estimates for 1980, 1981 and 1983 were determined by applying the proportion taken by purse seine in 1982 to estimates of the total catch of all gear types, which were taken from Indo-Pacific Tuna Programme (1991a, 1991b). The estimates for 1991–2002 were determined by applying the proportion taken by purse seine in 1990 to estimates of the total catch of all gear types; estimates of the total catch for 1991–2002 were provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Retnowati, pers. comm., June 2003). <u>Yellowfin</u>: Estimates for 1980–1981 and 1983 were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). Estimates for 1982 and 1984–1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71. Estimates for 1991–2002 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003). All estimates were adjusted for the inclusion of bigeye in the estimated catches of yellowfin; the proportion of bigeye in the catch of yellowfin was estimated at 10 per cent (Hampton et al. 1996).

PURSE SEINE continued

Indonesia, distant-water	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : The total catch in 1988 was provided by an industry source; the species composition was determined from logsheet data held at SPC. Catches for 1986–1987 and 1989 were estimated by adjusting the catches during 1988 by the ratio of the catch rates in 1986–1987 and 1989 to the catch rates in 1988. All CPUE estimates were determined from logsheet data held by SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
Japan, coastal	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : The numbers of vessels for 1969–2002 were taken from Miyabe et al. (2004). Catch estimates for 1951–1969 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1998). Catch estimates for 1970–2002 were taken from Miyabe et al. (2004).
Japan, distant-water/offshore	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : The number of vessels for 1969–2003 and days fished and catch estimates for 1970–2003 were taken from Miyabe et al. (2004). Estimates of the number of offshore/distant-water vessels cover vessels over 200 GRT, whereas the catch estimates for offshore/distant-water vessels cover vessels over 100 GRT.
Kiribati	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : All estimates for 1994–2003 were determined from logsheet and unloadings data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
Marshall Islands	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : All estimates were determined from logsheet and unloadings data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
Mexico	<u>Bigeye, Skipjack and Yellowfin</u> : All estimates were determined from logsheet data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
New Zealand	<u>Vessels</u>: Estimates for 1983–1988 were determined from logsheet data held at SPC. Estimates for 1989–2002 were provided by the National Institute of Water and Atmospheric Research (NIWA) (Murray, pers. comm., June 2002, June 2003). Estimates for 2003 were provided by the Ministry of Fisheries (Murray, pers. comm., May 2004). <u>Bigeye, Skipjack and Yellowfin</u>: Estimates of the numbers of days fished and catches for 1983–1986, and CPUE for 1987–1988, were determined from logsheet data held at SPC. Catch estimates for 1987–1989 were taken from Murray et al. (2000); these estimates are for the fishing year, October–September. Catch estimates for 1990–2001 were determined from statistics for domestic vessels taken from Murray et al. (2002) and data for distant-water vessels held by the OFP. Catch estimates for 2002–2003 were taken from Kendrick et al. (2004). Estimates of bigeye and yellowfin catches by distant-water vessels were modified following the procedure described on page 21. The skipjack catches do not include those of chartered American vessels in the New Zealand zone; these catches are included in Table 53.
Papua New Guinea	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : All estimates for 1994–2002 were determined from logsheet and unloadings data held at SPC. The number of vessels and catch estimates for 2003 were provided by the National Fisheries Authority of Papua New Guinea (Komuru, pers. comm., July 2004). All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
Philippines, domestic	<u>Vessels</u> : Estimates for 1980–1993 were provided by the Bureau of Fisheries and Aquatic Sciences (Ganaden, pers. comm. to Coan, 1997). Estimates for 1998–2000 were taken from Barut (2003). Ringnet vessels are included.

PURSE SEINE continued

Bigeye, Skipjack and Yellowfin: All estimates for 1970–1996 were taken from Lawson & Williams (1998). Estimates of the total catch of skipjack and combined yellowfin and bigeye for 1997–2002 were provided by the Bureau of Agricultural Statistics (Lingbawan, pers. comm., May 1999; Recide, pers. comm., June 2002; Adriano, pers. comm., May 2003); catches by species were estimated using the method in Lawson & Williams (1998) and the proportions by gear type for 1996.

Philippines, distant-water	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : Estimates for 1982, 1984, 1988–1991 and 1999–2002 were determined from logsheet data held at SPC; these statistics cover catches taken in the waters of Papua New Guinea and Solomon Islands. The numbers of vessels and catch estimates for 1985–1987 and 1992–1998 were determined from data provided by industry sources. The estimates for 1992–1998 cover catches taken primarily in the waters of Papua New Guinea and Solomon Islands; about 20 per cent were taken in the waters of Indonesia and the Philippines. Catch estimates for 2003 were provided by the National Fisheries Authority of Papua New Guinea (Kumoru, pers. comm., July 2004). CPUE estimates for 1992–1998 were determined from logsheet data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
Philippines, ringnet	See Philippines, domestic.
Republic of Korea	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : The number of vessels and catch estimates for 1980–1996 were taken from Koh (2001). The number of vessels and catch estimates for 1997 were taken from Koh et al. (2002). The number of vessels and catch estimates for 1998 were taken from Koh et al. (2003). The number of vessels and catch estimates for 1999–2003 were taken from Yang et al. (2004). CPUE estimates for 1994–2003 were determined from logsheet data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
Russia	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : An estimate of the total catch for 1985 and estimates of skipjack and yellowfin catches for 1986–1993 were provided by the Pacific Research Institute of Fisheries and Oceanography (TINRO) (Karyakin, pers. comm., March 1992, April 1993, March 1995). The species composition for 1985 was estimated using the average species composition for 1986–1987. Estimates for 1994 were provided by the Fisheries Division, Solomon Islands (Oreihaka, pers. comm., May 1995); these vessels operated under the Rauru Marrisco joint venture between Marrisco Company, Singapore and Choiseul Province, Solomon Islands and were active under the joint venture from January to May 1994; the estimates do not cover catches that may have been taken from June to December 1994. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
Solomon Islands	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : Estimates of the total catch for 1980–1986 were taken from Anon. (1989a); the species composition was determined from logsheet data held at SPC. Estimates for 1987–1988 were taken from Anon. (1989a). All estimates for 1989–2000 were determined from logsheet data held at SPC. All estimates for 2001–2002, except CPUE for 2002, were determined from information provided by the Fisheries Division (Maneiria, pers. comm., June 2002, May 2003). The number of vessels and catch estimates for 2003 were taken from Oreihaka (2004). CPUE estimates for 2002–2003 were determined from logsheet data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.
Spain	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : All estimates for 1999–2000 and 2002 were determined from logsheet data held by SPC. The number of vessels and catch estimates for 2001 were provided by the Organización de Productores Asociados de Grandes Atuneros Congeladores (OPAGAC) (Morón, pers. comm., June 2002).

PURSE SEINE continued

Chinese Taipei	<u>Vessels</u>: Estimates for 1983–1985, 1989–1990 and 1992–1996 were determined from logsheet data held at SPC. Estimates for 1986–1988 and 1991 were provided by National Taiwan University (Sun, pers. comm. to Coan, 1997). Estimates for 1997–1998 were taken from Wang et al. (1999). The estimate for 1999 was taken from Wang et al. (2000). The estimate for 2000 was provided by the Overseas Fisheries Development Council (Wang, pers. comm., August 2001). The estimate for 2001 was taken from Wang et al. (2002). The estimates for 2002–2003 were provided by the Overseas Fisheries Development Council (Chang, pers. comm., May 2003, May 2004). <u>Bigeye, Skipjack and Yellowfin</u>: Total catches for 1983–1991 were estimated by assuming that each vessel caught 4000 tonnes annually; the species composition was determined from logsheet data held at SPC. An estimate of the total catch for 1992 was provided by an industry source; the species composition was determined from logsheet data held at SPC. Catch estimates for 1993–1994 were taken from Chang & Lu (1998). Catch estimates for 1995 were taken from Wang et al. (2000). Catch estimates for 1996 were taken from Wang and Kuo (2001). Catch estimates for 1997 were taken from Wang et al. (2002). Catch estimates for 1998–2002 were taken from Anon. (2003). Catch estimates for 2003 were provided by the Overseas Fisheries Development Council (Chang, pers. comm., May 2004). CPUE estimates for 1993–2001 were determined from logsheet data held at SPC. Estimates of bigeye and yellowfin catches for 1983–1998 were modified following the procedure described on page 21; estimates for 1999–2003 were adjusted by the Overseas Fisheries Development Council.
United States of America	<u>Vessels, Bigeye, Skipjack and Yellowfin</u>: Estimates for 1976–1987 were taken from Coan & Prescott (1996). Estimates of bigeye and yellowfin catches for 1976–1987 were modified following the procedure described on page 21. CPUE estimates for 1981–1987 were determined from logsheet data held at SPC. All estimates for 1988–1996 were taken from Coan et al. (2002). The numbers of vessels and catch estimates for 1997 were taken from Ito et al. (2002). The numbers of vessels and catch estimates for 1998 were taken from Ito et al. (2003). The numbers of vessels and catch estimates for 1999–2003 were taken from Ito et al. (2004). CPUE estimates for 1997–2001 were taken from Coan et al. (2002). CPUE estimates for 2002–2003 were determined from logsheet data held at SPC.
Vanuatu	<u>Vessels, Bigeye, Skipjack and Yellowfin</u>: All estimates were determined from logsheet and unloadings data held at SPC; catches were allocated to the year in which the trip ended. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 21.

TROLL

American Samoa	<u>Bigeye, Skipjack and Yellowfin</u>: Estimates for 1982–1998 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001; Skillman, pers. comm., June 2002). Estimates for 1999–2003 were taken from Ito et al. (2004).
Australia	<u>Albacore, Bigeye and Yellowfin</u>: All estimates were provided by the Bureau of Rural Sciences (Caton, pers. comm., March 1996; Ward, pers. comm., April 1999; Findlay, pers. comm., June 2002; Bromhead, pers. comm., May 2003, April 2004).
Canada	<u>Vessels, Albacore</u>: The numbers of vessels and catch estimates for the 1987/88 – 1994/95 seasons were provided by Fisheries and Oceans Canada (Shaw, pers. comm., July 2001). Catch estimates for the 1995/96 – 2001/02 seasons were taken from Stocker & Shaw (2003). The numbers of vessels and CPUE estimates for 1995/96 – 2001/02 seasons were provided by Fisheries and Oceans Canada (Stocker, pers. comm., June 2003). All estimates are for the November–May fishing season; the estimates were allocated to the year in which the season ended.

TROLL continued

Fiji Islands	<u>Bigeye, Skipjack and Yellowfin</u> : All estimates were provided by the Fisheries Division (Sharma, pers. comm. to Coan, 1997).
French Polynesia	<u>Albacore</u> : Estimates for 1989 were determined from information provided by the Service des Ressources Marines (Stein, pers. comm., May 1999). Estimates for 1990–1993 and 1995–1997 were taken from Stein (2000). Estimates for 1989–1991 include catches by foreign-flagged vessels operated by French Polynesians. Estimates for 2001 were provided by the Service des Ressources Marines (Stein, pers. comm., April 2002); four vessels fished in the French Polynesia EEZ (and not in the Sub-Tropical Convergence Zone).
Guam	<u>Bigeye, Skipjack and Yellowfin</u> : Estimates for 1980–1998 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001; Skillman, pers. comm., June 2002). Estimates for 1999–2003 were taken from Ito et al. (2004). These estimates cover the commercial fishery only and not the recreational fishery.
New Zealand	<u>Vessels</u> : Estimates for the 1986/87–2000/01 seasons were provided by the National Institute of Water and Atmospheric Research (NIWA) (Murray, pers. comm., June 2002, June 2003). Estimates for the 2001/02–2002/03 seasons were provided by the Ministry of Fisheries (Murray, pers. comm., May 2004). <u>Albacore</u> : Catch estimates for 1967–1988 were taken from Murray (1990). Catch estimates for 1989 were taken from Murray & Griggs (2001). Catch estimates for 1990–2001 were taken from Murray et al. (2002). Catch estimates for 2002–2003 were taken from Kendrick et al. (2004). Estimates of CPUE were determined from logsheet data held at SPC.
Northern Marianas	<u>Skipjack and Yellowfin</u> : Estimates for 1983–1998 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001; Skillman, pers. comm., June 2002). Estimates for 1999–2003 were taken from Ito et al. (2004). Estimates for 1983–1999 and 2000–2001 are not comparable since estimates for the former period cover only commercial fishing and are based on the voluntary submission of data, whereas estimates for the latter period cover all pelagic fisheries and are based on a statistically designed survey.
United States of America	<u>Bigeye, Skipjack and Yellowfin</u> : These statistics cover vessels based in Hawaii. Skipjack and yellowfin estimates for 1995–1998 and bigeye estimates for 1996–1998 were provided by the National Marine Fisheries Service (NMFS) (Coan, pers. comm., August 2000, June 2001). Estimates for 1999–2003 were taken from Ito et al. (2004). These estimates cover the commercial fishery only and not the recreational fishery. <u>Albacore, seasonal catches (Table 58)</u> : These statistics cover the South Pacific albacore troll fishery and not the troll and handline fisheries in American Samoa, Guam, Northern Marianas or Hawaii. The numbers of vessels and catch estimates for the 1985/86–1996/97 seasons were provided by NMFS (Childers, pers. comm., May 1996; Coan, pers. comm., June 2001). The numbers of vessels and catch estimates for the 1997/98 seasons were taken from Ito et al. (2003). The numbers of vessels and catch estimates for the 1998/99–2002/03 seasons were taken from Ito et al. (2004). The catch estimates do not cover discards. CPUE estimates for the 1985/86–2001/02 seasons were provided by NMFS (Coan, pers. comm., June 2003). <u>Albacore, annual catches (Table 69)</u> : These statistics cover the South Pacific albacore troll fishery and not the troll and handline fisheries in American Samoa, Guam, Northern Marianas or Hawaii. Catch estimates for 1986–1997 were provided by NMFS (Coan, pers. comm., June 2001). Catch estimates for 1998 were taken from Ito et al. (2003). Catch estimates for 1999–2003 were taken from Ito et al. (2004). The catch estimates do not cover discards. Part of the catch was taken in the Eastern Pacific Ocean.

OTHER

Albacore, North Pacific	All estimates were provided by the National Marine Fisheries Service (Coan, pers. comm., July 2004). These estimates were compiled for the North Pacific Albacore Workshop and were updated on 13 July 2004.
Albacore, WCPO	All estimates were determined by subtracting estimates for the Eastern Pacific from the total of estimates for the South Pacific and the North Pacific.
Atlantic Ocean	All estimates were taken from the FISHSTAT_ICCAT database, version February 2004, which was downloaded from the website of the International Commission for the Conservation of Atlantic Tunas (ICCAT), located at http://www.iccat.es .
Australia, recreation	<u>Albacore</u> : All estimates were provided by the Bureau of Rural Sciences (Caton, pers. comm., March 1996; Findlay, pers. comm., June 2002; Bromhead, pers. comm., May 2003).
Australia, unclassified	<u>Bigeye</u> , <u>Skipjack</u> and <u>Yellowfin</u> : All estimates were provided by the Bureau of Rural Sciences (Bromhead, pers. comm., April 2004). These catch estimates cover rod and reel, handline, minor line and troll.
Eastern Pacific Ocean	All estimates were provided by the Inter-American Tropical Tuna Commission (Suter, pers. comm., July 2001, June 2003, July 2004), except estimates of the longline catch of bigeye during 1954–1961, which were determined from catch and effort data, grouped by 5° latitude, 5° longitude and month, provided by the Fisheries Agency of Japan.
French Polynesia <i>poti marara</i>	<i>Poti marara</i> are coastal vessels ranging from 18 ft (5.5 m) to 26 ft (7.9 m), with engines ranging from 36-hp outboards to 250-hp inboards, depending on the boat length, age and fishing strategy. Gear types used include about 60 per cent troll, 20 per cent harpoon, 10 per cent deep handline, 7 per cent pole-and-line, as well as spear gun, scoops, scuba diving and nets. Estimates for 1990–1995 were taken from Stein (2000). Estimates for 1996 were taken from Misselis (2003). Estimates for 1997–2003 were taken from Ponsonnet (2004).
Indian Ocean	All estimates were provided by the Indian Ocean Tuna Commission (Herrera, pers. comm., April 2004).
Indonesia, handline	<u>Bigeye</u> : All estimates were determined by adjusting estimates of yellowfin catches for the inclusion of bigeye. The proportion of bigeye in the catch of yellowfin was estimated as 8.6 per cent for handline (Hampton et al. 1996). For the sources of the unadjusted estimates of yellowfin, see ‘Yellowfin’ below. <u>Yellowfin</u> : All estimates for 1970–1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71, except for 1984–1988, which were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). Estimates for 1991–2002 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003). All estimates were adjusted for the inclusion of bigeye in the estimated catches of yellowfin; the proportion of bigeye included in the estimated catch of yellowfin was estimated at 8.6 per cent for handline (Hampton et al. 1996).
Indonesia, unclassified	<u>Bigeye</u> : Estimates for 1970–1998 were determined by adjusting estimates of yellowfin catches for the inclusion of bigeye. The proportion of bigeye in the catch of yellowfin was estimated as 10 per cent for unclassified (Hampton et al. 1996). For the sources of the unadjusted estimates of yellowfin, see ‘Yellowfin’ below.

OTHER continued

Skipjack: Estimates for 1950–1969 were made assuming an annual increase equivalent to the average annual increase during 1970–1980 and back-calculating from 1970. Estimates for 1970–1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71; these estimates were adjusted for pole-and-line and purse-seine catches (see ‘Purse seine’ and ‘Pole-and-line’ above). The estimates for 1991–2002 were determined by subtracting estimates of catches by the other gear types from estimates of the total catch; estimates of the total catch for 1991–2002 were provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003).

Yellowfin: Estimates for 1950–1969 were made assuming an annual increase equivalent to the average annual increase during 1970–1980 and back-calculating from 1970. Estimates for 1970–1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71, except estimates for 1982 and 1986–1989, which were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). Estimates for 1991–2002 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003). All estimates were adjusted for the inclusion of bigeye in the estimated catches of yellowfin; the proportion of bigeye in the catch of yellowfin was estimated at 10 per cent for unclassified gear types (Hampton et al. 1996).

Japan, unclassified

Bigeye, Skipjack and Yellowfin: Estimates of the skipjack catch for 1951–1969 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1998, May 1999, June 2000). Bigeye, skipjack and yellowfin catch estimates for 1970–2002 were taken from Miyabe et al. (2004).

Kiribati, artisanal

Skipjack and Yellowfin: The estimate of the yellowfin catch for 1988 was determined by applying the proportion of scombrids, 15.6835 per cent, to an estimate of the total artisanal catch in the Gilbert group, 11,553 t (Mees et al. 1988). A small amount of skipjack is included in the yellowfin estimate. The estimate of the yellowfin catch for 1988 was used for 1980–1987 and 1989–1998. Catch estimates for 1999–2003 were taken from Awira (2004); these estimates cover skiffs that troll for tuna.

New Zealand, unclassified

Bigeye, Skipjack and Yellowfin: Estimates for 1974–1989 were provided by the National Institute of Water and Atmospheric Research (NIWA) (McKoy, pers. comm. to Coan, 1997). Estimates for 1990–2001 were taken from Murray et al. (2002). Catch estimates for 2002–2003 were taken from Kendrick et al. (2004).

Philippines, gill net

Bigeye, Skipjack and Yellowfin: Estimates of skipjack and yellowfin catches for 1950–1969 were determined assuming an annual increase equivalent to the average annual increase during 1970–1980 and back-calculating from 1970. All estimates for 1970–1996 were taken from Lawson & Williams (1998). Estimates of the total catch of skipjack and combined yellowfin and bigeye for 1997–2002 were provided by the Bureau of Agricultural Statistics (Lingbawan, pers. comm., May 1999; Recide, pers. comm., June 2002; Adriano, pers. comm., May 2003); catches by species were estimated using the method in Lawson & Williams (1998) and the proportions by gear type for 1996.

Philippines, handline

See Philippines, gill net.

Philippines, unclassified

See Philippines, gill net.

Chinese Taipei,
unclassified

Bigeye, Skipjack and Yellowfin: All estimates were provided by National Taiwan University (Sun, pers. comm. to Coan, 1997).

ESTIMATION OF PURSE-SEINE CATCHES OF BIGEYE AND YELLOWFIN

Estimates of purse-seine catches of bigeye and yellowfin presented in Tables 72 and 79 have been adjusted for the misidentification of bigeye as yellowfin in catch and effort logsheet data and in landings data. The adjusted estimates of bigeye and yellowfin catches were determined from

$$\hat{C}_{sfy} = P_{sfy} \cdot C_{fy} \quad (1)$$

where $\hat{C}_{sfy}$ is the adjusted catch of species s (bigeye or yellowfin) by fleet f in year y ; P_{sfy} is an estimate of the “true” proportion of the catch of species s in the unadjusted combined catch of yellowfin and bigeye for fleet f in year y ; and C_{fy} is the unadjusted combined catch of yellowfin and bigeye for fleet f in year y . Further, we have

$$P_{sfy} = \frac{P_{sya} \cdot C_{fya} + P_{syu} \cdot C_{fyu}}{C_{fya} + C_{fyu}} \quad (2)$$

where P_{sfy} is an estimate of the proportion of species s in the combined catch of bigeye and yellowfin that was taken in year y from associated schools; C_{fya} is the combined catch of bigeye and yellowfin that was reported on logsheets for fleet f in year y from associated schools; P_{syu} is an estimate of the proportion of species s in the combined catch of bigeye and yellowfin that was taken in year y from unassociated schools; and C_{fyu} is the combined catch of bigeye and yellowfin reported on logsheets for fleet f in year y from unassociated schools.

For the period 1989–1995, estimates of the P_{sya} and P_{syu} were determined from port sampling data covering the United States purse-seine fleet provided by the National Marine Fisheries Service. For other years, the average of the P_{sya} and P_{syu} for 1989–1995 were used. The P_{sya} and P_{syu} for 1989–1995 are given in the two right-hand columns of the table below. Also shown are estimates for 1988, which are based on sampling in the second half of the year only, and for 1996, during which the United States fleet began to catch a much higher proportion of bigeye, due primarily to the introduction of deeper nets. As can be seen in the table, the proportions of bigeye in the combined catch of bigeye and yellowfin determined from sampling (columns A to D) are weighted by the proportion of small and large fish in the catch (columns E to H).

YEAR	PROP BET IN YFT+BET				PROP SMALL/LARGE IN YFT+BET				PROP BET IN YFT+BET	
	UNASSOCIATED		ASSOCIATED		UNASSOCIATED		ASSOCIATED		UNASS	ASS
	<= 9 KG	> 9 KG	<= 9 KG	> 9 KG	<= 9 KG	> 9 KG	<= 9 KG	> 9 KG		
	A	B	C	D	E	F	G	H	A*E+B*F	C*G+D*H
1988	0.153	0.002	0.267	0.013	0.189	0.811	0.298	0.702	0.030	0.089
1989	0.040	0.001	0.177	0.141	0.108	0.892	0.533	0.467	0.005	0.160
1990	0.082	0.002	0.203	0.073	0.023	0.977	0.331	0.669	0.003	0.116
1991	0.072	0.002	0.145	0.062	0.119	0.881	0.470	0.530	0.010	0.101
1992	0.065	0.004	0.226	0.101	0.045	0.955	0.306	0.694	0.007	0.139
1993	0.052	0.005	0.198	0.075	0.084	0.916	0.440	0.560	0.009	0.129
1994	0.151	0.002	0.272	0.026	0.019	0.981	0.366	0.634	0.004	0.116
1995	0.050	0.005	0.263	0.091	0.088	0.912	0.429	0.571	0.009	0.165
1996	0.149	0.006	0.472	0.365	0.047	0.953	0.396	0.604	0.013	0.407

The P_{sfy} for bigeye are given in the table below for the purse-seine fleets of Australia, China, Federated States of Micronesia, Indonesia, Kiribati, Republic of Korea, Marshall Islands, New Zealand (distant-water), Papua New Guinea, Philippines, Solomon Islands, Chinese Taipei, United States of America and Vanuatu. The P_{sfy} for yellowfin are equal to one minus the P_{sfy} for bigeye.

YEAR	AU	CN	FM	ID	KI	KR	MH	NZ	PG	PH	SB	TW	US	VU
1976													0.062	
1977													0.062	
1978													0.062	
1979													0.062	
1980						0.074					0.123		0.070	
1981						0.074					0.123		0.070	
1982						0.132				0.122	0.123		0.070	
1983						0.126				0.122	0.123	0.128	0.091	
1984						0.131				0.128	0.123	0.111	0.097	
1985						0.099				0.132	0.130	0.113	0.073	
1986				0.052		0.067				0.132	0.124	0.129	0.078	
1987				0.132		0.074				0.132	0.132	0.131	0.066	
1988	0.132			0.121		0.068				0.089	0.089	0.085		
1989	0.014			0.158		0.054				0.159	0.160	0.142		
1990	0.092					0.059				0.114	0.116	0.110		
1991	0.096		0.085			0.044				0.101	0.101	0.090		
1992	0.102		0.086			0.066				0.139	0.139	0.085		
1993	0.129		0.087			0.047				0.124	0.129	0.045		
1994			0.069		0.115	0.046			0.055	0.116	0.116	0.039		0.060
1995			0.078		0.063	0.061			0.052	0.165	0.165	0.043		0.111
1996			0.123		0.096	0.047			0.045	0.088	0.076	0.045		0.107
1997			0.087		0.055	0.060			0.132	0.088	0.087	0.057		0.086
1998			0.064		0.046	0.027			0.112	0.084	0.075	0.021		0.052
1999			0.103		0.100	0.047			0.116	0.088	0.075			0.088
2000			0.063		0.050	0.025	0.037	0.115	0.089	0.087	0.073			0.055
2001			0.073		0.085	0.014	0.044	0.126		0.078	0.085			
2002		0.053	0.072		0.086	0.033	0.072	0.053	0.110	0.082	0.089			
2003		0.027	0.065		0.077	0.018	0.129	0.109	0.074	0.072	0.089			

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LONGLINE: AMERICAN SAMOA

Table 1. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for American Samoan longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1988	3	...	1	...	50	0	...	0	1	...	50	0	2	...
1989	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	2	...	1	...	100	0	...	0	0	...	0	0	1	...
1992	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	4	...	0	...	0	0	...	0	1	...	50	1	2	...
1994	5	...	1	...	50	0	...	0	1	...	50	0	2	...
1995	5	...	27	...	75	1	...	3	2	...	6	6	36	...
1996	12	...	86	3.39	70	4	0.11	3	12	0.54	10	20	122	4.51
1997	21	...	309	2.87	80	4	0.03	1	22	0.21	6	52	387	3.58
1998	26	...	446	2.80	70	10	0.05	2	42	0.19	7	139	637	3.73
1999	29	...	338	1.79	61	9	0.06	2	64	0.50	12	145	556	3.38
2000	37	...	624	2.33	73	21	0.05	2	86	0.52	10	118	849	3.44
2001	62	...	3,253	3.30	88	74	0.09	2	183	0.17	5	195	3,705	4.09
2002	58	...	5,944	2.58	83	196	0.09	3	484	0.15	7	512	7,136	3.67
2003	49	...	3,925	1.65	78	242	0.11	5	496	0.21	10	385	5,048	2.59

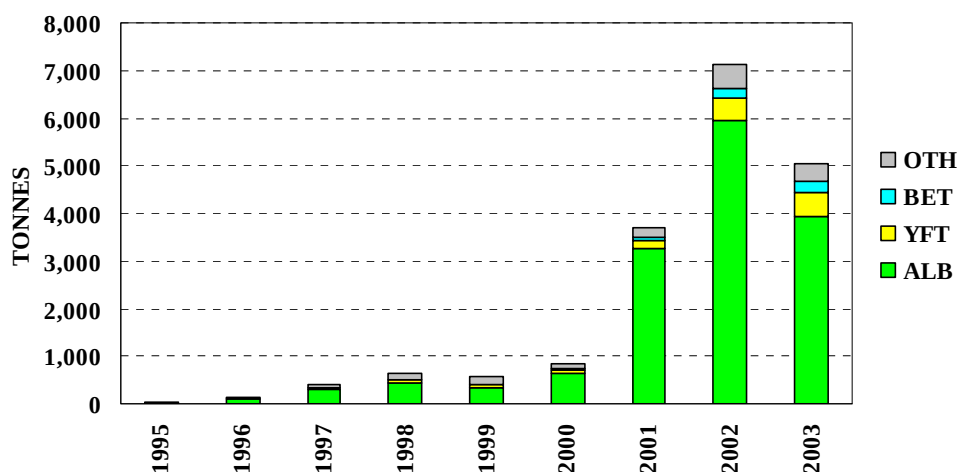


Figure 3. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by American Samoan longliners

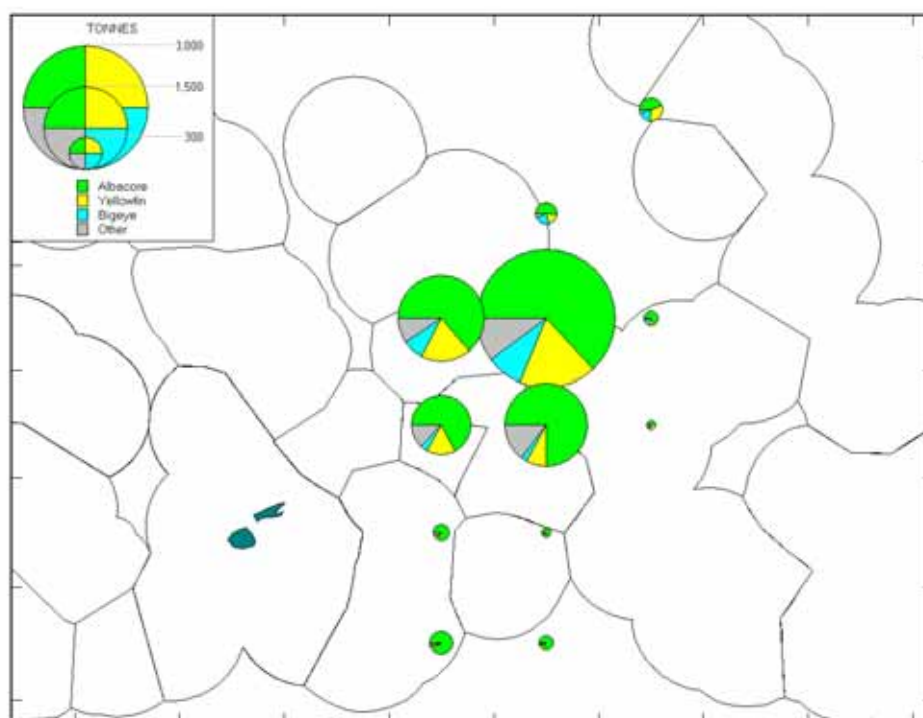


Figure 4. American Samoan longliner catch, 2003

LONGLINE: AUSTRALIA

Table 2. Catches (tonnes), number of hooks (thousands) and catch per unit of effort (number of fish per 100 hooks) for Australian domestic and chartered longliners

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1985	4	26	0	0.27	0	0	0.00	0	9	0.07	64	5	14	1.98
1986	32	61	0	0.14	0	1	0.04	4	13	0.46	54	10	24	1.48
1987	133	1,588	129	0.71	6	64	0.06	3	1,164	2.44	52	890	2,247	4.79
1988	134	1,514	107	0.64	6	43	0.05	2	922	2.14	51	722	1,794	4.07
1989	124	1,008	93	1.02	4	19	0.03	1	833	2.49	37	1,320	2,265	2.68
1990	117	1,274	124	0.79	6	24	0.03	1	786	2.42	41	980	1,914	2.68
1991	111	1,822	158	0.93	8	27	0.03	1	807	1.87	41	961	1,953	1.62
1992	124	2,393	214	0.90	9	34	0.04	1	1,017	1.81	41	1,222	2,487	0.98
1993	109	2,065	186	0.92	10	25	0.04	1	781	1.67	41	936	1,928	0.92
1994	110	3,274	357	1.09	11	123	0.12	4	1,221	1.27	38	1,508	3,209	1.10
1995	109	3,898	438	0.97	11	172	0.14	4	1,313	1.32	34	1,916	3,839	1.95
1996	119	4,220	408	1.04	9	293	0.24	6	1,660	1.93	35	2,377	4,738	4.14
1997	137	5,606	302	0.55	5	983	0.47	16	1,680	0.94	28	2,997	5,962	3.07
1998	156	8,776	460	0.49	6	1,166	0.33	15	2,152	0.72	28	3,811	7,589	2.60
1999	145	9,661	359	0.35	6	895	0.22	14	1,839	0.47	30	3,127	6,220	2.01
2000	140	9,355	381	0.36	7	753	0.22	13	1,740	0.56	30	2,944	5,818	2.09
2001	...	10,711	570	0.48	6	1,188	0.31	13	2,557	0.63	28	4,713	9,028	2.63
2002	144	11,837	553	0.40	6	885	0.26	9	3,020	0.90	32	5,069	9,527	1.56
2003	146	12,540	487	0.39	6	901	0.26	11	3,110	0.85	38	3,699	8,197	1.82

Table 3. Catches (tonnes), number of hooks (thousands) and catch per unit of effort (number of fish per 100 hooks) for Australia–Japan joint venture longliners

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1989	20	3,207	463	2.16	36	43	0.03	3	80	0.07	6	715	1,301	2.35
1990	14	1,345	145	1.37	34	6	0.01	1	4	0.01	1	275	430	1.44
1991	29	4,039	67	0.17	7	0	0.00	0	0	0.00	0	937	1,004	0.69
1992	56	8,236	106	0.12	5	0	0.00	0	0	0.00	0	1,848	1,954	0.24
1993	66	9,319	126	0.14	6	0	0.00	0	1	0.00	0	2,128	2,255	0.41
1994	52	7,359	43	0.05	3	10	0.00	1	43	0.01	3	1,413	1,509	0.19
1995	21	2,710	19	0.07	3	0	0.00	0	0	0.00	0	634	653	0.28

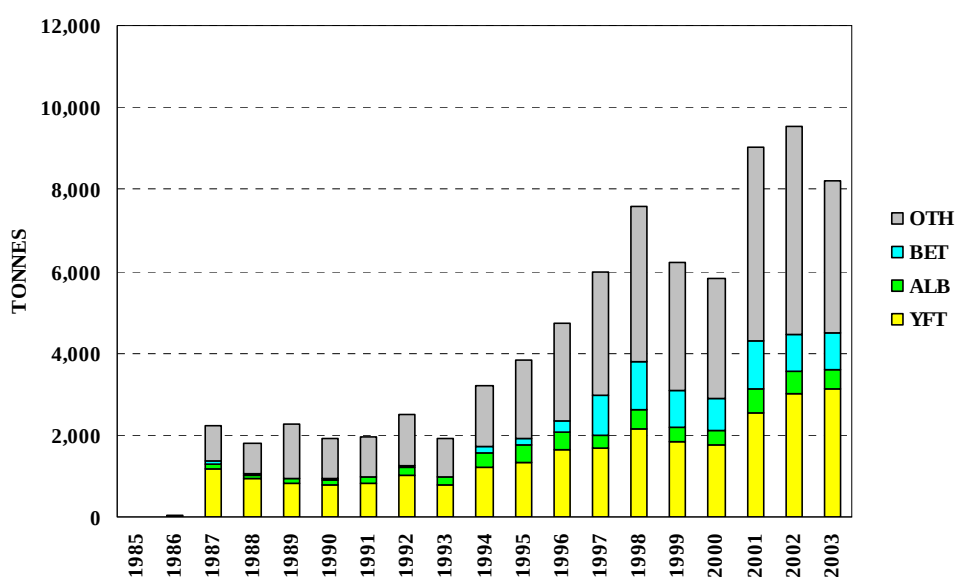


Figure 5. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Australian domestic and chartered longliners

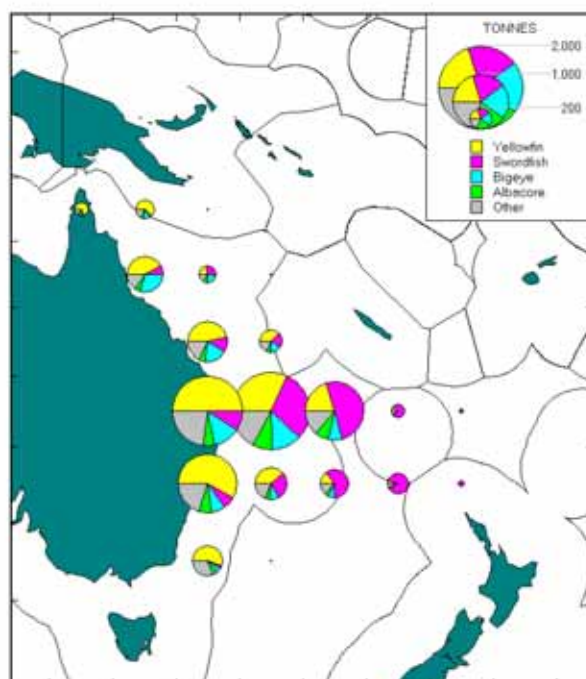


Figure 6. Australian longliner catch, 2003

LONGLINE: CHINA

Table 4. Catches (tonnes), number of hooks (thousands) and catch per unit of effort (number of fish per 100 hooks) for Chinese longliners

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1988	7	...	0	0.00	0	24	0.26	55	20	0.32	45	0	44	0.58
1989	9	...	0	0.00	0	99	0.67	66	45	0.40	30	5	149	1.13
1990	23	...	4	0.01	1	276	0.40	48	173	0.28	30	117	570	0.86
1991	39	...	0	0.00	0	526	0.26	45	481	0.32	41	160	1,167	0.72
1992	72	...	0	0.00	0	1,400	0.35	50	1,315	0.44	47	103	2,818	0.85
1993	311	...	1	0.00	0	3,664	0.31	47	2,754	0.31	35	1,377	7,796	1.26
1994	456	...	8	0.00	0	7,846	0.45	54	4,823	0.38	33	1,738	14,415	1.02
1995	422	...	5	0.00	0	4,744	0.29	41	5,837	0.48	51	926	11,512	0.86
1996	325	...	8	0.00	0	3,261	0.29	51	2,757	0.34	43	380	6,406	0.83
1997	144	...	2	0.00	0	2,243	0.41	59	1,419	0.34	38	110	3,774	0.79
1998	124	...	1	0.00	0	1,836	0.39	53	1,435	0.35	42	174	3,446	0.81
1999	115	...	3,473	...	42	1,805	...	22	2,237	...	27	818	8,333	...
2000	106	24,707	2,056	...	28	1,981	...	27	2,207	...	30	1,047	7,291	...
2001	116	26,103	2,711	...	35	2,227	...	29	1,919	...	25	825	7,682	...
2002	123	...	2,920	...	37	2,312	...	29	1,844	...	23	865	7,941	...
2003	179	...	6,222	...	28	8,965	...	41	3,358	...	15	3,353	21,898	...

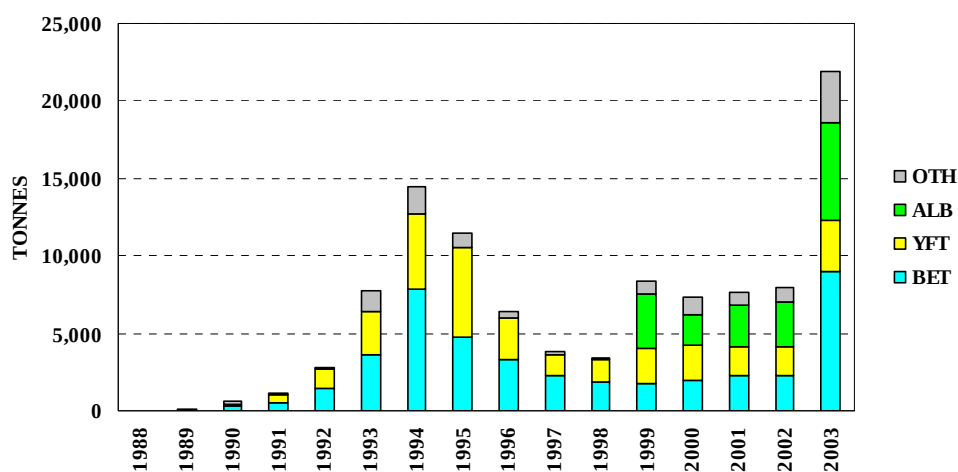


Figure 7. Catches (tonnes) of albacore (ALB) , bigeye (BET), yellowfin (YFT) and other species (OTH) by Chinese longliners

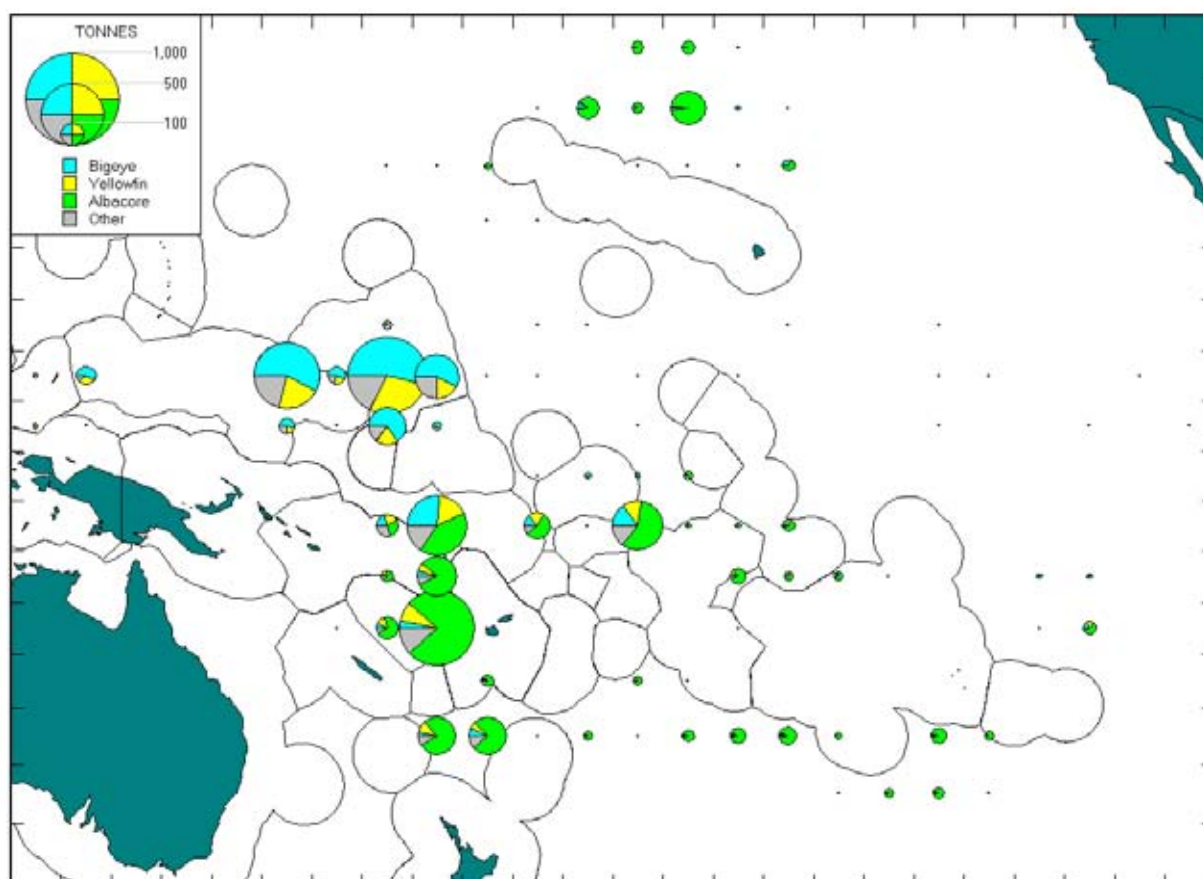


Figure 8. Chinese longliner catch, 2003

LONGLINE: COOK ISLANDS

Table 5. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Cook Islands longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1994	2	...	23	0.75	24	8	0.13	8	11	0.16	11	48	97	2.09
1995	3	...	32	0.36	21	17	0.10	11	22	0.11	14	81	152	1.24
1996	2	...	5	0.21	15	3	0.09	9	8	0.21	24	18	34	1.08
1997	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1998	1	...	...	...	...	...	...	...	...	...	...	...	...	...
1999	2	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2001	1	...	2	0.32	29	1	0.06	14	1	0.12	14	3	7	0.99
2002	19	...	901	2.85	79	67	0.14	6	52	0.11	5	124	1,144	3.64
2003	44	...	1,457	1.41	62	200	0.15	9	179	0.14	8	501	2,337	2.22

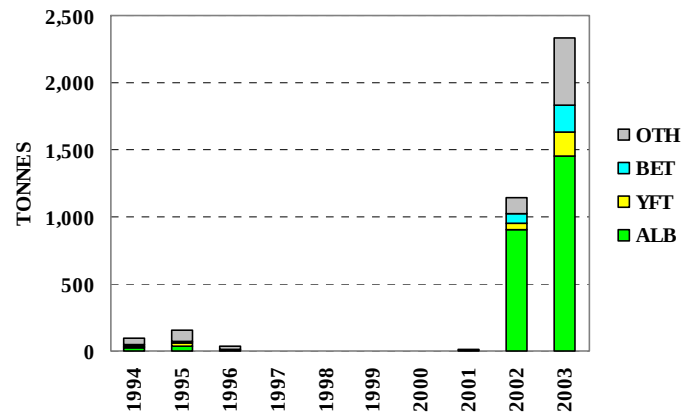


Figure 9. Catches (tonnes) of albacore (ALB) , bigeye (BET), yellowfin (YFT) and other species (OTH) by Cook Islands longliners

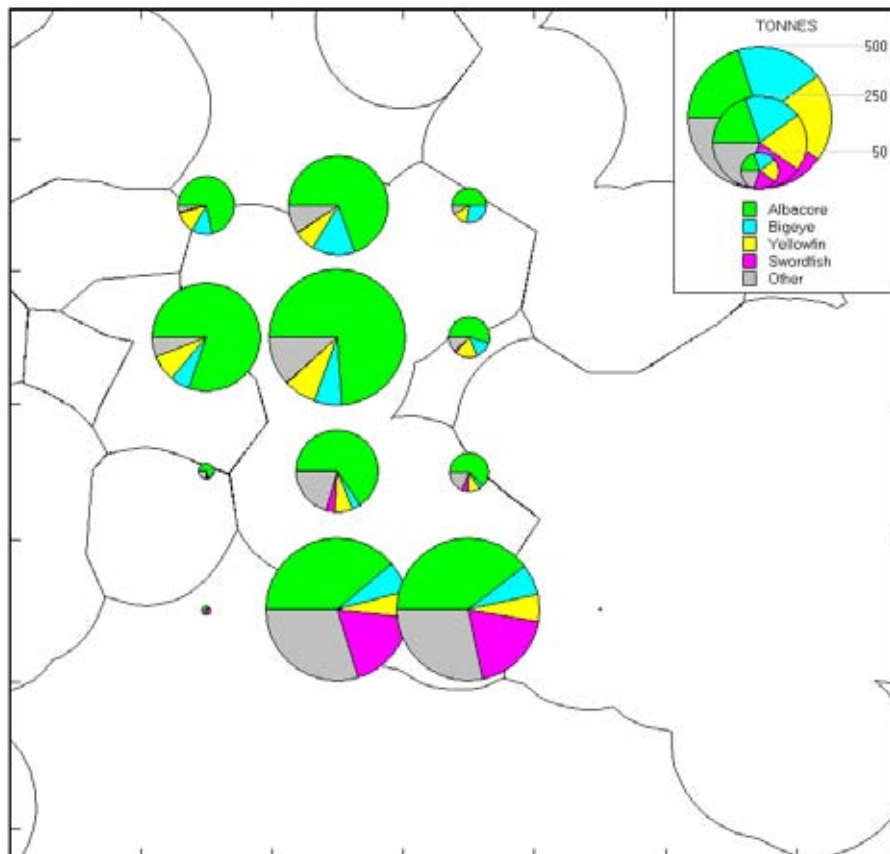


Figure 10. Cook Islands longliner catch, 2003

LOONGLINE: FEDERATED STATES OF MICRONESIA

Table 6. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Federated States of Micronesia longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1991	3	...	0	0.00	0	12	0.15	48	11	1.39	44	2	25	1.95
1992	8	...	0	0.00	0	47	0.18	30	93	0.51	60	15	155	0.74
1993	7	...	0	0.00	0	40	0.16	34	61	0.38	51	18	119	0.61
1994	9	...	3	0.00	1	72	0.19	32	117	0.48	52	31	223	0.81
1995	11	...	0	0.00	0	50	0.19	21	153	0.94	65	31	234	1.31
1996	9	...	0	0.00	0	79	0.30	29	152	1.01	56	42	273	1.70
1997	15	...	1	0.00	0	185	0.29	37	267	0.62	54	44	497	1.07
1998	23	...	0	0.00	0	521	0.34	46	530	0.47	47	88	1,139	0.97
1999	26	...	2	0.00	0	617	0.36	70	225	0.19	25	41	885	0.60
2000	30	...	5	0.00	0	895	0.32	58	495	0.25	32	136	1,531	0.63
2001	28	...	4	0.00	0	647	0.36	60	345	0.30	32	85	1,081	0.74
2002	27	...	1	0.00	0	723	0.38	74	199	0.11	20	53	976	0.53
2003	26	...	1	0.00	0	620	0.36	61	314	0.22	31	83	1,018	0.70

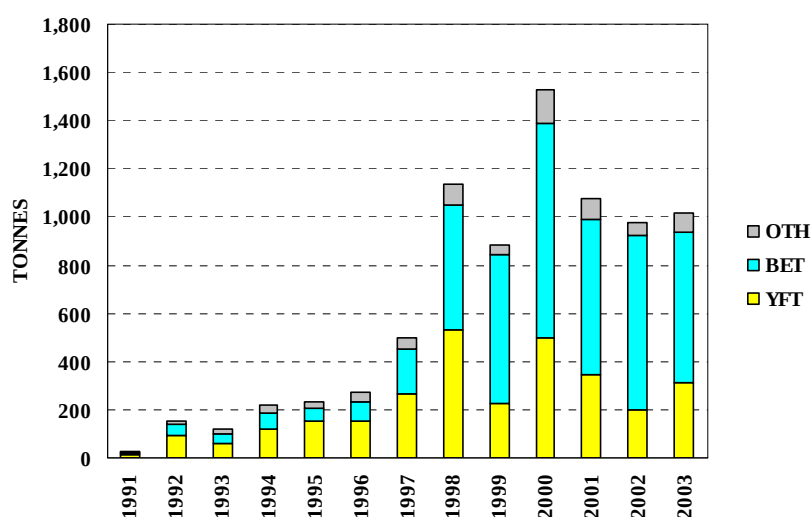


Figure 11. Catches (tonnes) of bigeye (BET), yellowfin (YFT) and other species (OTH) by Federated States of Micronesia longliners

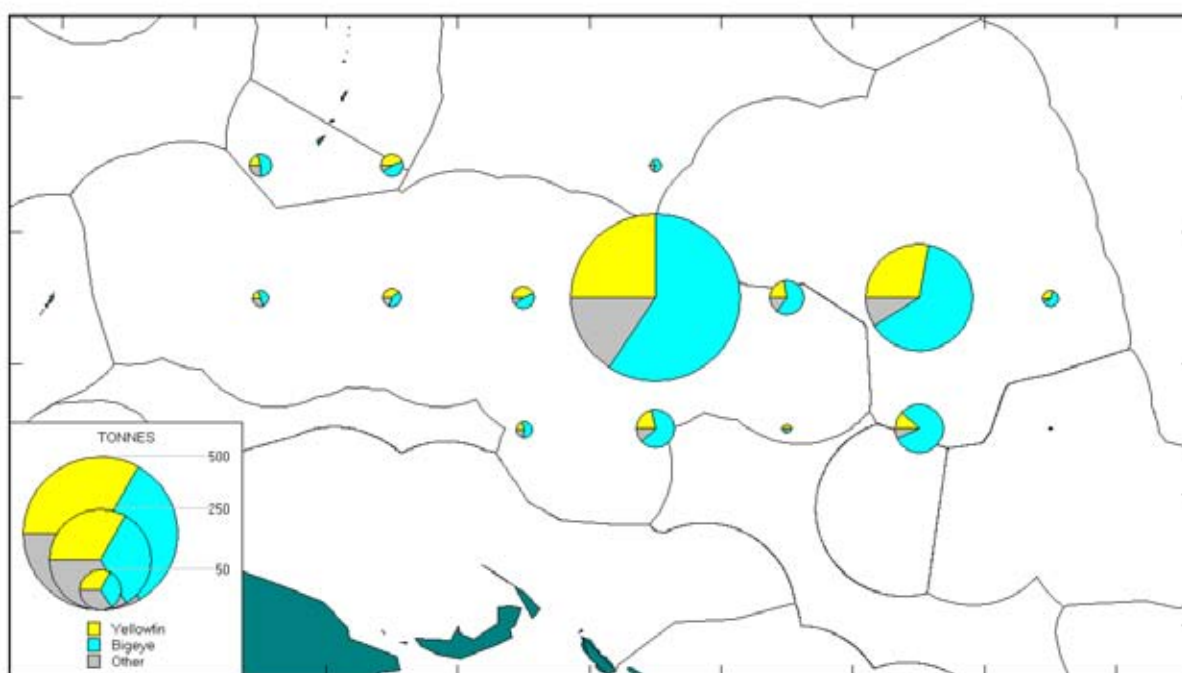


Figure 12. Federated States of Micronesia longliner catch, 2003

LOGLINE: FIJI ISLANDS

Table 7. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Fiji Islands longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1989	4	...	3	0.56	6	14	0.33	26	10	0.28	19	26	53	1.52
1990	6	...	68	0.82	43	27	0.29	17	23	0.28	15	39	157	1.72
1991	9	...	208	0.94	36	123	0.26	21	106	0.35	18	136	573	2.09
1992	18	...	243	0.76	27	187	0.26	21	202	0.30	23	252	884	1.73
1993	22	...	463	0.91	36	204	0.22	16	319	0.35	25	296	1,282	2.07
1994	37	...	842	0.91	35	249	0.20	10	625	0.37	26	707	2,423	2.06
1995	48	...	702	1.06	23	378	0.19	12	949	0.35	31	1,040	3,069	2.09
1996	42	...	1,446	1.86	32	593	0.27	13	1,376	0.33	31	1,060	4,475	2.82
1997	34	...	1,842	1.52	43	409	0.16	10	970	0.33	23	1,027	4,248	2.55
1998	39	...	2,121	1.90	44	460	0.16	10	862	0.29	18	1,329	4,772	2.96
1999	43	...	2,279	1.63	45	462	0.12	9	725	0.14	14	1,559	5,025	2.34
2000	61	...	6,065	1.84	53	687	0.14	6	2,465	0.51	22	2,224	11,441	2.82
2001	95	...	7,971	1.69	65	662	0.10	5	2,082	0.27	17	1,504	12,219	2.43
2002	103	...	8,026	1.52	49	853	0.11	5	2,027	0.25	12	5,566	16,472	2.33
2003	101	...	6,881	1.09	56	889	0.10	7	2,482	0.27	20	1,953	12,205	1.84

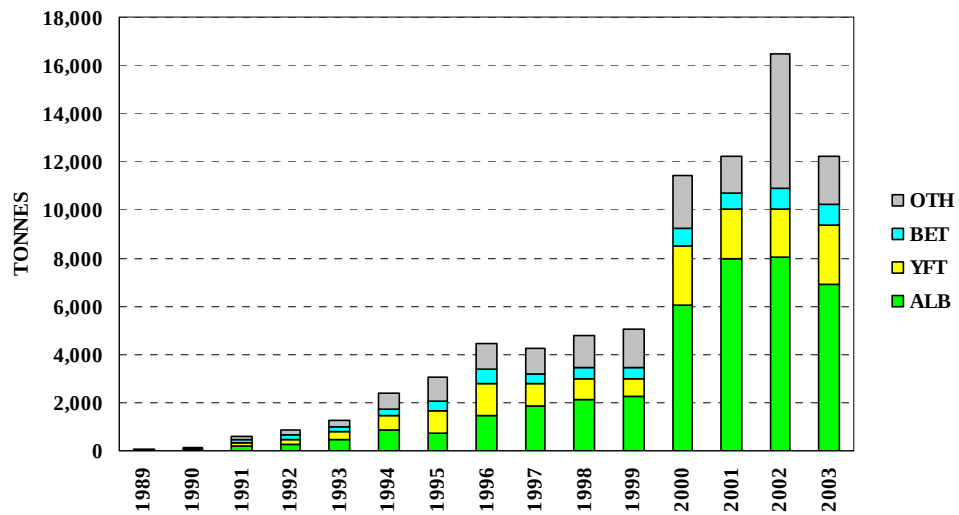


Figure 13. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Fiji Islands longliners

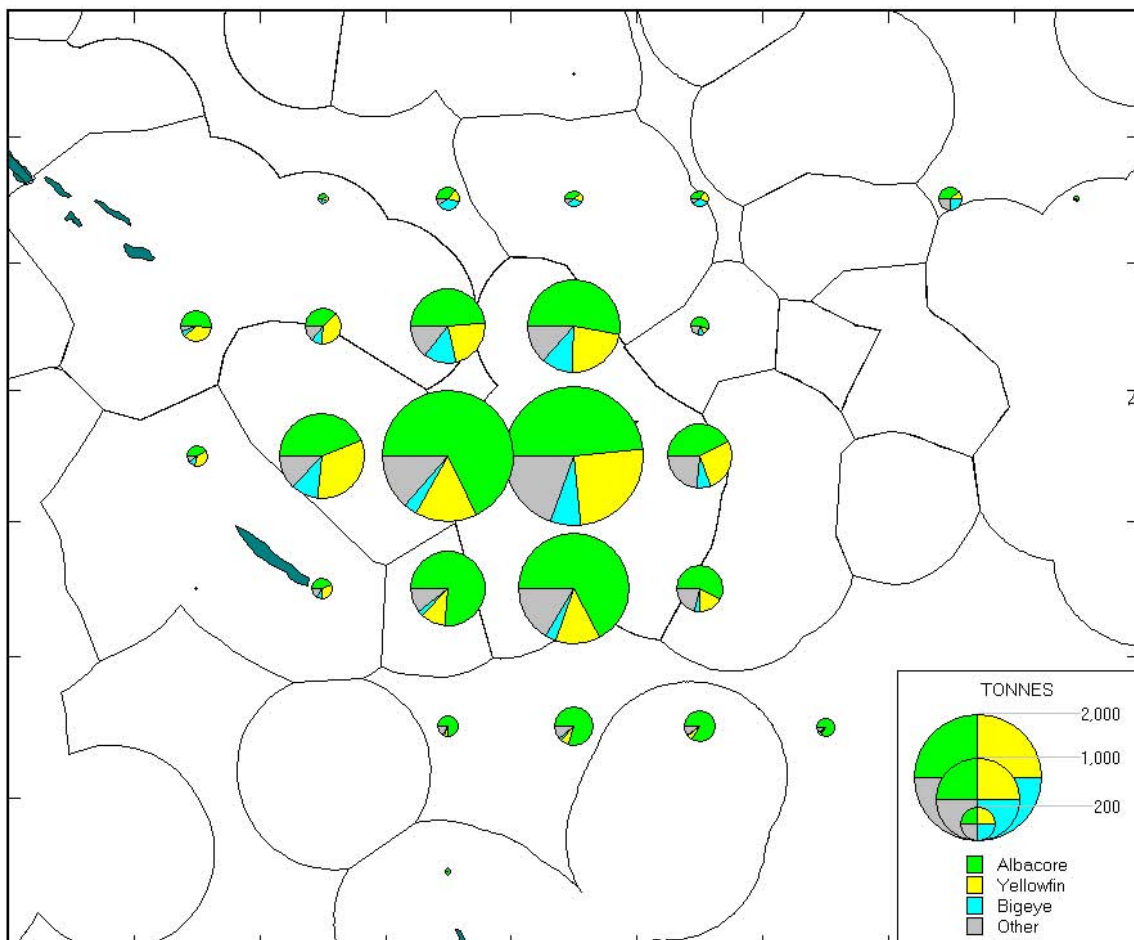


Figure 14. Fiji Islands longliner catch, 2003

LONGLINE: FRENCH POLYNESIA

Table 8. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for French Polynesian longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1990	2	55	20	1.94	36	4	0.27	7	6	0.49	11	25	55	4.54
1991	8	491	100	1.14	27	45	0.36	12	118	1.14	32	108	371	3.45
1992	25	1,050	195	1.35	24	57	0.27	7	150	0.91	18	418	820	4.67
1993	50	5,442	714	0.95	30	163	0.19	7	366	0.34	15	1,157	2,400	2.36
1994	66	5,242	913	0.88	34	165	0.11	6	275	0.23	10	1,300	2,653	2.11
1995	65	5,659	772	0.64	31	182	0.11	7	297	0.24	12	1,204	2,455	1.61
1996	59	5,997	1,463	1.05	43	184	0.11	5	380	0.25	11	1,346	3,373	2.16
1997	60	5,681	2,595	1.67	56	308	0.14	7	420	0.19	9	1,313	4,636	2.69
1998	54	5,431	3,189	1.87	60	402	0.19	8	480	0.21	9	1,213	5,284	2.92
1999	57	6,916	2,580	1.00	49	276	0.09	5	756	0.27	14	1,692	5,304	2.03
2000	57	6,616	3,473	1.38	50	711	0.24	10	1,202	0.45	17	1,510	6,896	2.73
2001	57	7,348	4,261	1.53	55	745	0.19	10	967	0.25	12	1,838	7,811	3.29
2002	54	6,707	4,557	1.59	62	649	0.16	9	507	0.12	7	1,689	7,402	2.65
2003	64	8,398	3,846	1.05	59	439	0.10	7	621	0.15	10	1,624	6,530	1.62

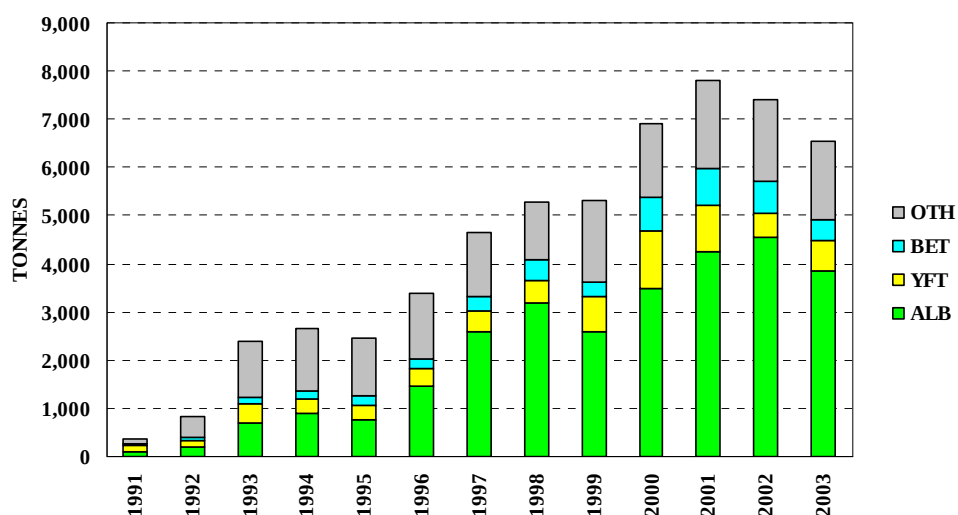


Figure 15. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by French Polynesian longliners

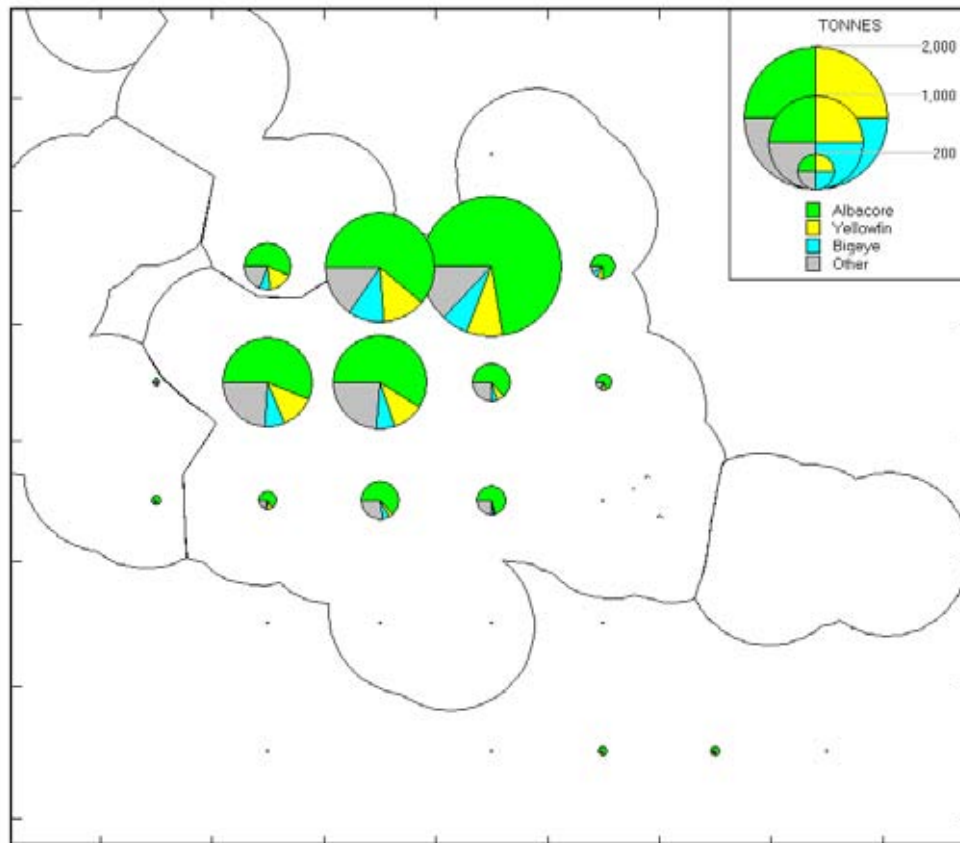


Figure 16. French Polynesian longliner catch, 2003

LONGLINE: JAPAN, DISTANT-WATER AND OFFSHORE VESSELS

Table 9. Catches (tonnes), number of hooks (thousands) and catch per unit of effort (number of fish per 100 hooks) for Japanese distant-water and offshore longliners in the WCPO

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1952	...	113,021	22,340	1.51	25	23,342	0.67	26	16,809	0.59	19	28,011	90,502	3.25
1953	...	123,897	23,604	1.46	24	21,783	0.57	22	22,926	0.73	23	30,844	99,157	3.26
1954	...	138,650	25,864	1.43	26	14,956	0.35	15	21,024	0.60	21	36,906	98,750	2.88
1955	...	149,371	21,179	1.09	21	23,752	0.51	24	19,721	0.52	20	35,272	99,924	2.58
1956	...	147,242	18,229	0.95	17	27,296	0.60	26	22,863	0.61	22	36,094	104,482	2.64
1957	...	168,793	24,113	1.09	16	34,725	0.66	23	39,348	0.92	26	52,083	150,269	3.28
1958	...	188,352	29,549	1.20	18	43,653	0.75	27	39,689	0.83	24	50,767	163,658	3.30
1959	...	206,900	26,174	0.97	16	39,169	0.61	23	40,665	0.78	24	60,992	167,000	2.92
1960	...	230,032	30,762	1.02	18	41,530	0.58	24	51,841	0.89	30	50,375	174,508	2.92
1961	...	253,129	32,264	0.98	18	35,657	0.45	19	49,618	0.77	27	66,561	184,100	2.70
1962	...	244,904	36,637	1.15	20	33,632	0.45	18	52,088	0.86	28	62,734	185,091	2.90
1963	...	244,565	24,902	0.78	14	40,061	0.53	22	49,887	0.82	28	66,318	181,168	2.61
1964	...	196,301	23,558	0.92	16	28,525	0.47	19	41,507	0.85	28	53,311	146,901	2.69
1965	...	217,088	22,469	0.79	16	26,293	0.40	18	39,627	0.75	28	54,310	142,699	2.37
1966	...	238,405	35,701	1.15	21	27,229	0.37	16	51,923	0.88	31	52,423	167,276	2.78
1967	...	239,390	33,386	1.07	26	26,316	0.37	20	24,954	0.47	19	45,334	129,990	2.24
1968	...	214,390	23,371	0.83	20	20,610	0.32	18	27,792	0.55	24	43,393	115,166	2.05
1969	...	213,831	16,874	0.60	16	25,276	0.40	23	29,116	0.58	27	37,112	108,378	1.89
1970	...	206,000	18,431	0.54	14	28,959	0.36	23	34,908	0.60	27	45,824	128,122	1.89
1971	...	216,000	13,030	0.39	11	30,126	0.36	26	29,974	0.54	26	41,567	114,697	1.63
1972	...	207,000	12,101	0.37	10	39,658	0.50	32	29,677	0.56	24	41,062	122,498	1.78
1973	...	189,000	13,161	0.44	13	28,231	0.41	27	30,906	0.68	30	32,215	104,513	1.84
1974	...	210,000	11,467	0.32	10	32,132	0.40	29	33,899	0.59	31	32,276	109,774	1.57
1975	...	183,000	7,622	0.24	8	32,148	0.44	35	28,921	0.61	32	22,396	91,087	1.51
1976	...	220,000	12,738	0.36	11	38,786	0.43	35	32,521	0.57	29	28,374	112,419	1.59
1977	...	199,000	10,782	0.33	9	41,843	0.52	35	43,950	0.80	37	21,491	118,066	1.85
1978	...	205,000	9,636	0.29	7	35,456	0.44	27	62,622	1.14	48	22,302	130,016	2.07
1979	...	240,000	10,799	0.29	9	37,173	0.41	29	50,879	0.76	40	27,165	126,016	1.66
1980	...	259,000	11,821	0.28	8	35,599	0.37	24	63,289	0.92	42	39,688	150,397	1.79
1981	...	273,000	17,025	0.39	12	28,390	0.28	20	53,594	0.72	39	39,652	138,661	1.59
1982	...	243,000	16,273	0.42	13	32,714	0.36	26	46,205	0.67	37	31,396	126,588	1.61
1983	...	214,000	13,335	0.41	11	28,998	0.39	25	47,526	0.77	40	27,944	117,803	1.73
1984	...	216,000	11,216	0.33	10	31,508	0.41	29	36,669	0.58	34	27,957	107,350	1.50
1985	...	223,000	11,688	0.35	10	33,348	0.43	29	38,278	0.60	33	31,641	114,955	1.57
1986	...	196,000	10,493	0.35	10	29,825	0.39	29	29,968	0.51	29	32,567	102,853	1.46
1987	...	202,000	10,516	0.33	10	38,429	0.48	36	28,045	0.46	26	29,618	106,608	1.44
1988	...	222,000	12,166	0.36	11	29,331	0.36	27	33,021	0.51	30	34,623	109,141	1.42
1989	...	200,000	11,273	0.35	12	32,189	0.43	35	25,639	0.45	28	23,581	92,682	1.40
1990	...	192,000	12,045	0.41	13	37,117	0.50	39	26,862	0.47	29	18,133	94,157	1.53
1991	...	170,000	10,985	0.38	15	25,507	0.41	35	19,221	0.39	26	17,257	72,970	1.33
1992	...	154,000	12,494	0.50	15	30,852	0.47	37	24,067	0.48	29	16,770	84,183	1.60
1993	...	164,000	17,376	0.68	20	25,795	0.39	30	24,052	0.46	28	19,603	86,826	1.73
1994	...	158,000	17,239	0.69	21	23,090	0.40	28	24,451	0.47	30	17,875	82,655	1.76
1995	...	141,000	15,522	0.64	21	19,747	0.36	26	25,189	0.60	33	15,055	75,513	1.79
1996	...	127,000	15,794	0.72	24	16,565	0.37	25	20,422	0.60	31	12,396	65,177	1.85
1997	...	121,000	16,495	0.81	24	21,471	0.50	32	17,370	0.47	26	12,063	67,399	1.93
1998	...	121,000	15,770	0.80	23	25,549	0.50	38	14,960	0.40	22	11,094	67,373	1.86
1999	...	121,000	12,476	0.55	23	21,911	0.43	40	11,120	0.29	20	9,619	55,126	1.42
2000	...	121,000	12,411	0.52	21	19,187	0.37	32	18,716	0.46	32	9,094	59,408	1.48
2001	...	118,000	14,179	0.73	26	20,219	0.40	37	11,239	0.30	21	8,636	54,273	1.56
2002	...	126,000	10,429	0.56	19	24,488	0.48	44	12,297	0.33	22	8,961	56,175	1.49
2003	...	126,000	7,258	0.43	15	20,573	0.42	42	12,501	0.36	25	8,888	49,220	1.33

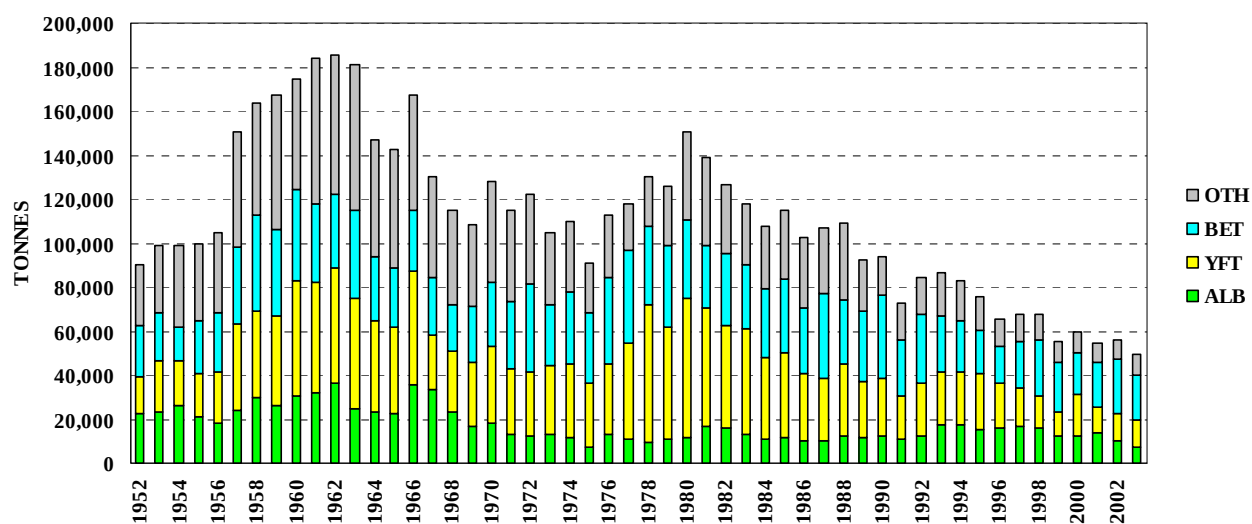


Figure 17. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Japanese distant-water and offshore longliners in the WCPO

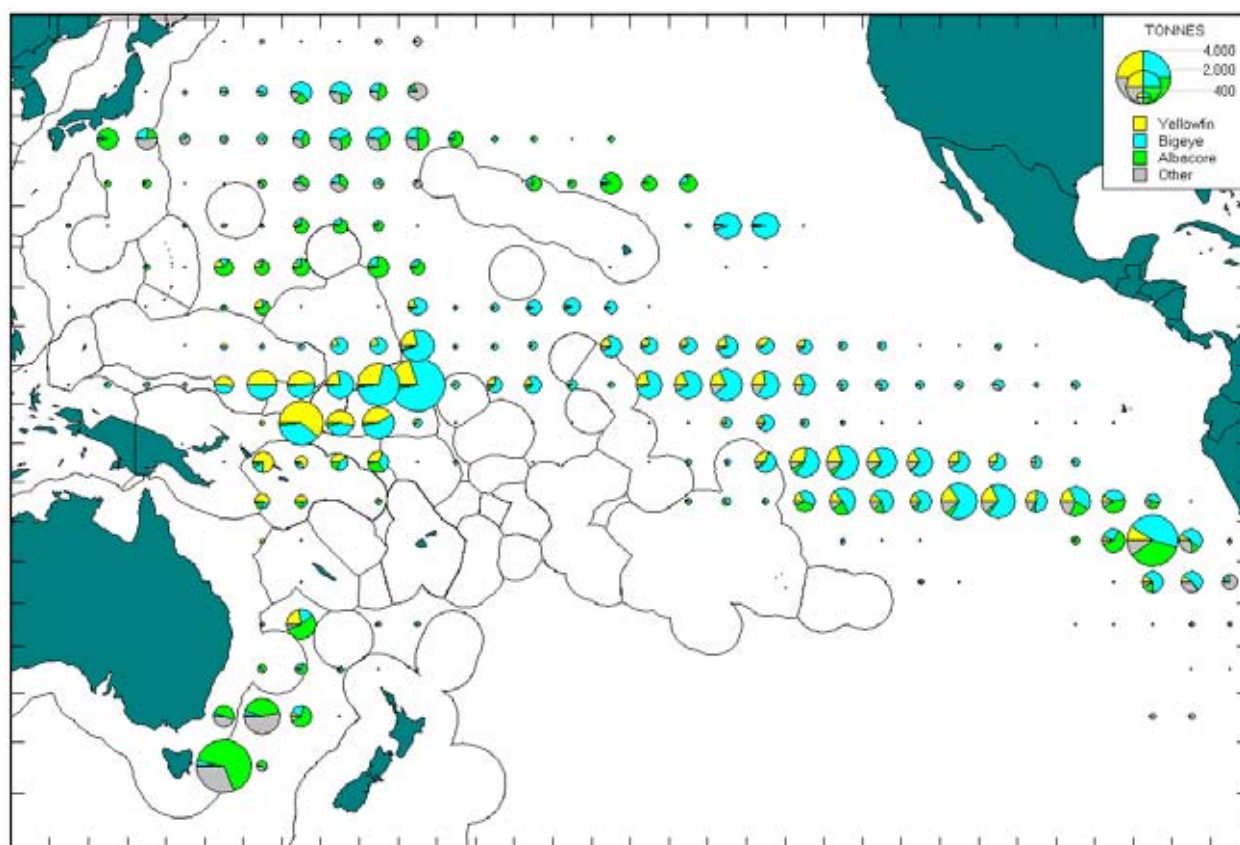


Figure 18. Japanese distant-water and offshore longliner catch, 2002

LONGLINE: KIRIBATI

Table 10. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Kiribati longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1995	1	34	0	0.00	0	1	0.61	13	5	0.48	63	2	8	0.98
1996	1	2	0	0.00	-	0	0.00	-	0	0.00	-	0	0	0.00

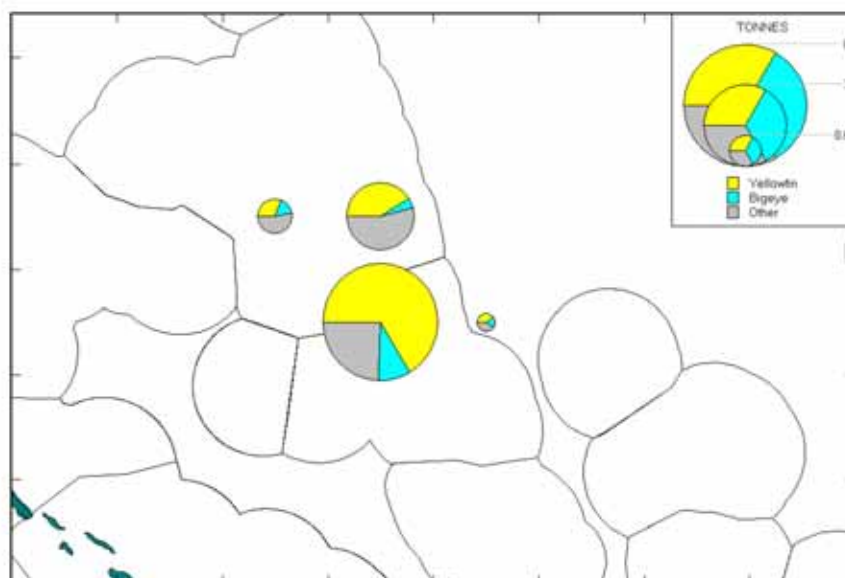


Figure 19. Kiribati longliner catch, 1995

LONGLINE: MARSHALL ISLANDS

Table 11. Catches (tonnes) by Marshall Islands longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1992	2	...	0	...	0	3	...	50	3	...	50	0	6	...
1993	5	...	0	...	0	67	...	48	69	...	49	5	141	...
1994	2	...	0	...	0	26	...	49	27	...	51	0	53	...
1995	4	...	0	...	...	13	...	...	18	...	...	1	32	...
1996	...	...	...	...	...	...	...	...	...	...	...	...	...	...

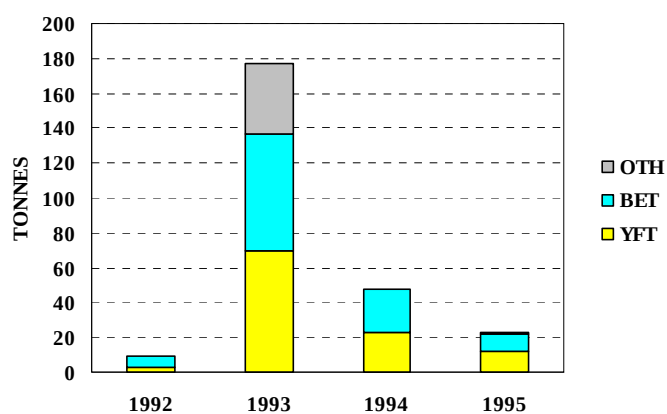


Figure 20. Catches (tonnes) of bigeye (BET), yellowfin (YFT) and other species (OTH) by Marshall Islands longliners

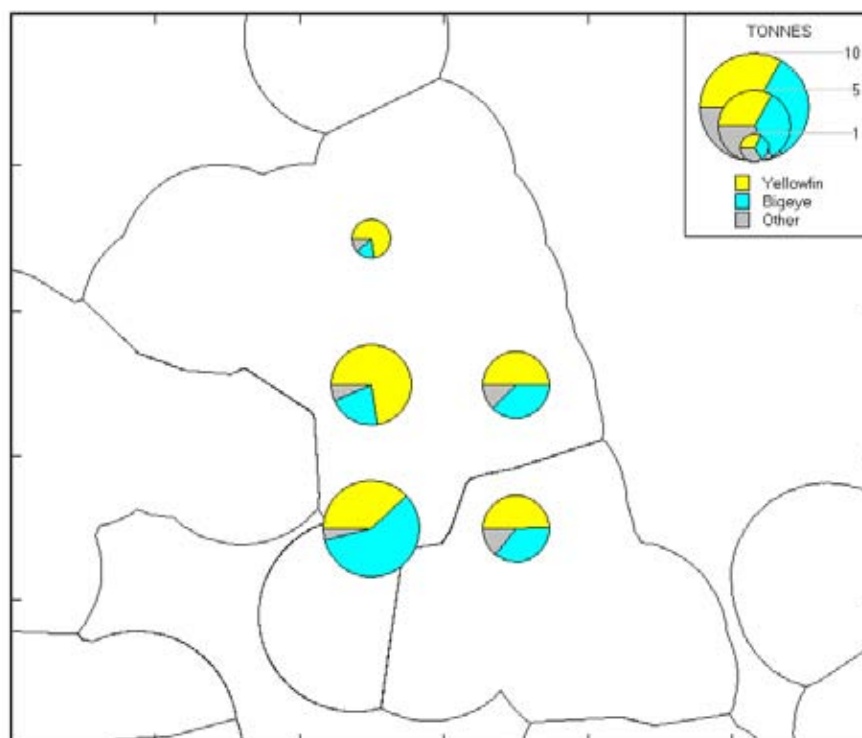


Figure 21. Marshall Islands longliner catch, 1995

LONGLINE: NAURU**Table 12. Catches (tonnes) by Nauruan longliners**

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
2000	2	...	...	...	...	...	...	...	...	...	...	...	...	...
2001	2	...	...	...	...	...	...	...	...	...	...	...	...	...
2002	2	...	...	...	...	...	...	...	...	...	...	...	...	...
2003	2	...	1	...	5	9	...	45	5	...	25	5	20	...

LONGLINE: NEW CALEDONIA**Table 13. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for New Caledonian longliners**

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1983	1	41	12	0.72	20	1	0.03	2	9	0.27	15	38	60	1.99
1984	2	130	112	1.90	57	10	0.08	5	28	0.30	14	45	195	2.60
1985	3	279	131	1.12	33	17	0.06	4	133	0.77	33	121	402	2.38
1986	2	266	179	1.38	33	19	0.07	3	169	0.61	31	182	549	2.71
1987	3	...	563	1.59	40	37	0.05	3	502	1.00	36	307	1,409	3.32
1988	4	...	584	2.62	43	20	0.03	1	488	1.41	36	259	1,351	4.60
1989	4	...	566	1.79	48	27	0.04	2	278	0.63	24	310	1,181	2.89
1990	7	...	1,053	1.98	51	60	0.04	3	617	0.53	30	327	2,057	2.84
1991	6	...	909	1.73	48	60	0.06	3	567	0.61	30	371	1,907	2.78
1992	4	...	692	1.85	52	27	0.03	2	373	0.65	28	232	1,324	2.81
1993	4	...	755	2.75	54	106	0.04	8	433	0.71	31	101	1,395	3.80
1994	5	...	840	1.77	53	78	0.08	5	437	0.45	27	245	1,600	2.84
1995	8	...	332	1.47	23	103	0.09	7	839	1.10	59	145	1,419	3.19
1996	8	...	414	1.78	29	233	0.08	16	554	1.15	39	236	1,437	3.48
1997	9	...	277	1.85	24	234	0.05	21	466	1.18	41	154	1,131	3.77
1998	11	...	860	1.49	47	498	0.12	27	185	0.30	10	278	1,821	2.39
1999	13	...	690	1.17	37	553	0.06	30	373	0.24	20	227	1,843	1.74
2000	14	...	895	1.11	45	517	0.09	26	250	0.28	13	325	1,987	1.79
2001	18	...	1,020	1.08	49	128	0.08	6	570	0.36	28	346	2,064	1.92
2002	25	...	1,165	1.45	53	189	0.09	9	572	0.40	26	285	2,211	2.29
2003	28	...	1,111	1.00	45	142	0.08	6	754	0.49	31	459	2,466	1.87

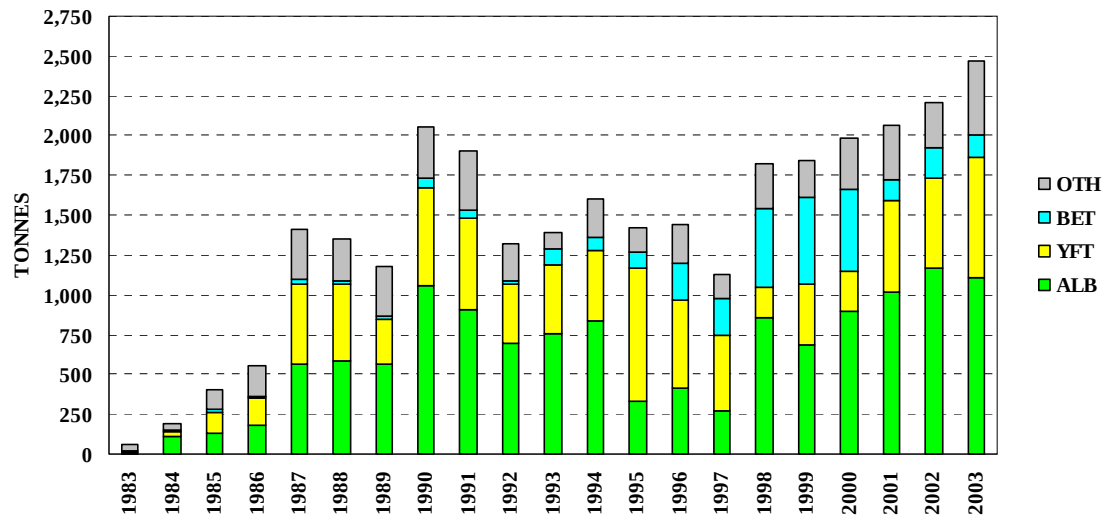


Figure 22. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by New Caledonian longliners

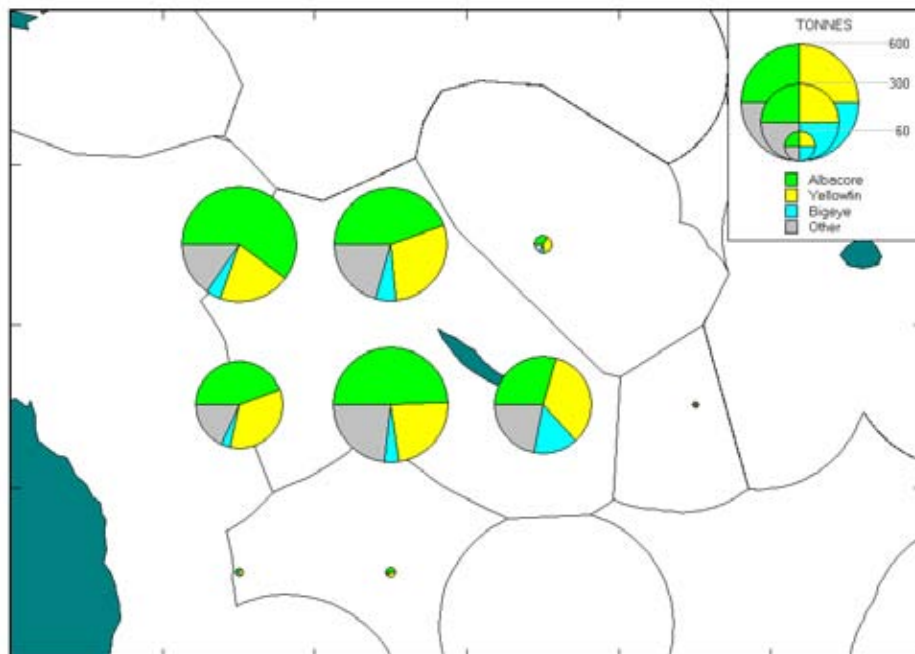


Figure 23. New Caledonian longliner catch, 2003

LONGLINE: NEW ZEALAND**Table 14. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for New Zealand longliners**

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1987	...	...	9	...	60	0	...	0	6	...	40	...	15	...
1988	...	...	4	...	25	0	...	0	12	...	75	...	16	...
1989	1	...	523	...	55	9	...	1	10	...	1	406	948	...
1990	13	...	170	...	28	30	...	5	4	...	1	395	599	...
1991	22	...	85	...	26	44	...	14	6	...	2	189	324	...
1992	27	...	209	...	38	39	...	7	13	...	2	291	552	...
1993	42	...	345	...	46	74	...	10	14	...	2	313	746	...
1994	59	...	635	...	57	69	...	6	32	...	3	372	1,108	...
1995	93	...	810	...	54	60	...	4	94	...	6	542	1,506	...
1996	82	...	1,079	...	66	86	...	5	141	...	9	321	1,627	...
1997	62	...	847	...	49	140	...	8	121	...	7	626	1,734	...
1998	86	...	2,057	...	59	388	...	11	116	...	3	906	3,467	...
1999	92	...	2,103	...	51	420	...	10	149	...	4	1,483	4,155	...
2000	112	...	1,344	...	42	421	...	13	98	...	3	1,375	3,238	...
2001	132	...	2,093	...	50	480	...	12	130	...	3	1,445	4,148	...
2002	156	...	2,105	...	56	203	...	5	26	...	1	1,448	3,782	...
2003	132	...	2,040	...	62	159	...	5	38	...	1	1,043	3,280	...

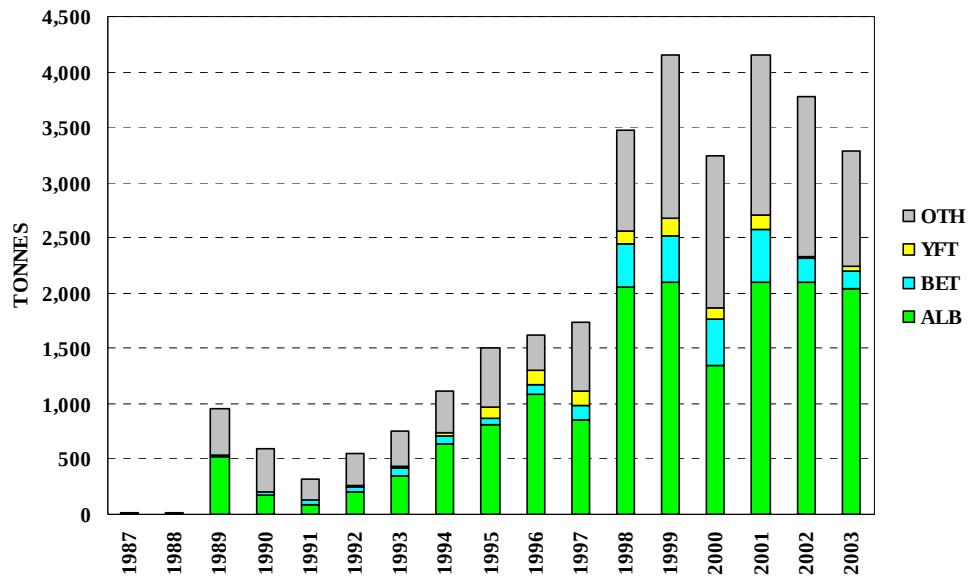


Figure 24. Catches (tonnes) of albacore (ALB), bigeye (BET) and yellowfin (YFT) by New Zealand longliners

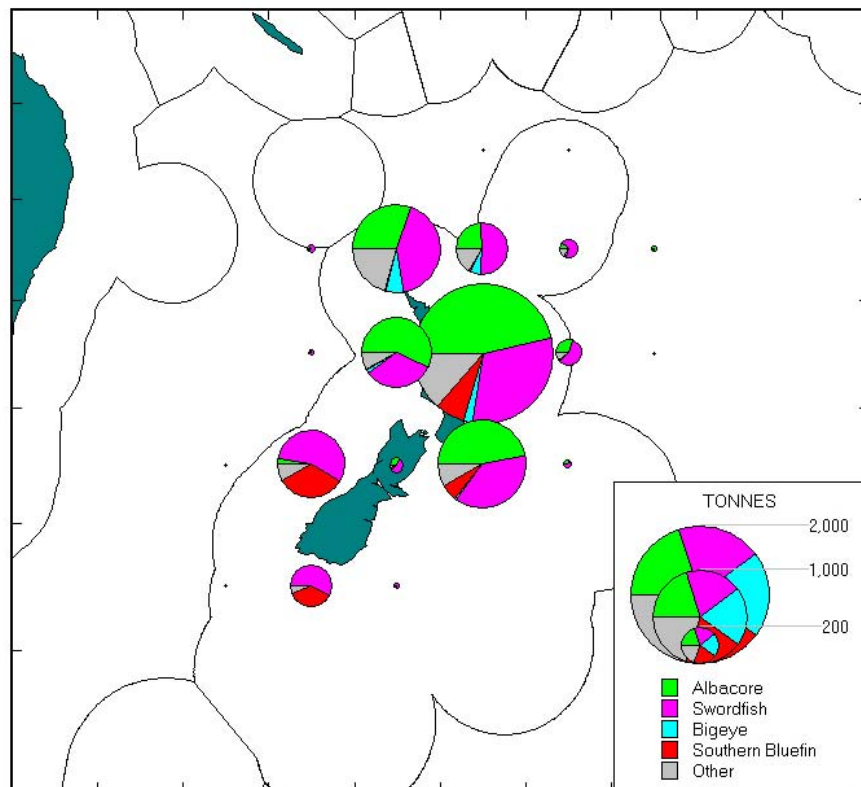


Figure 25. New Zealand longliner catch, 2002

LONGLINE: PALAU

Table 15. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Palau longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1992	1	...	0	...	...	90	...	...	48	...	...	6	144	...
1993	1	...	1	...	...	66	...	...	39	...	...	4	110	...
1994	1	...	3	...	...	50	...	...	31	...	...	5	89	...
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1996	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1997	1	...	0	...	...	6	...	...	1	...	...	0	7	...
1998	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1999	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	3	...	2	...	...	75	...	...	63	...	...	4	144	...
2001	9	...	0	...	...	21	...	...	41	...	...	5	67	...
2002	1	...	0	...	...	1	...	...	3	...	...	0	4	...
2003	1	...	0	...	...	1	...	...	19	...	...	1	21	...

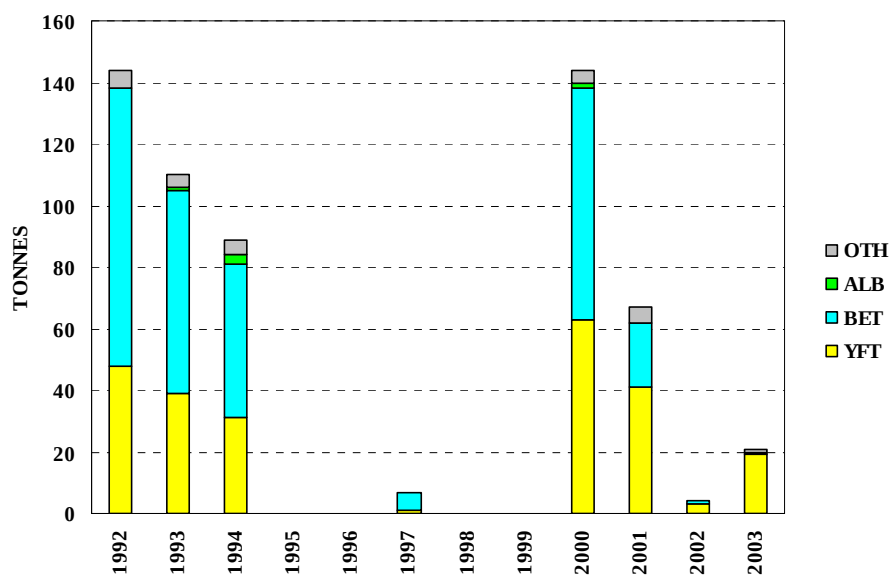


Figure 26. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Palau longliners.

LOGLINE: PAPUA NEW GUINEA

Table 16. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Papua New Guinea longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1991	1	...	...	...	...	...	...	...	...	...	...	...	...	...
1992	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1993	2	...	0	0.00	0	0	0.02	0	8	2.19	80	2	10	4.67
1994	4	...	0	0.00	0	0	0.01	0	30	1.41	83	6	36	2.14
1995	11	...	6	0.10	3	19	0.04	10	149	1.09	78	16	190	1.35
1996	7	...	38	0.66	14	13	0.13	5	184	1.48	69	32	267	2.49
1997	8	...	101	0.89	18	56	0.25	10	389	1.63	69	14	560	2.87
1998	28	...	104	0.29	9	42	0.07	4	481	1.21	41	539	1,166	3.49
1999	47	...	129	0.33	9	60	0.09	4	490	0.61	33	827	1,506	3.55
2000	57	...	159	0.29	8	187	0.18	9	844	0.80	42	812	2,002	2.45
2001	51	...	123	0.14	4	260	0.17	9	1,793	1.09	64	626	2,802	2.02
2002	50	...	136	0.14	4	324	0.25	8	1,738	1.13	46	1,621	3,819	2.36
2003	51	...	857	0.78	20	377	0.22	9	1,686	1.04	38	1,469	4,389	...

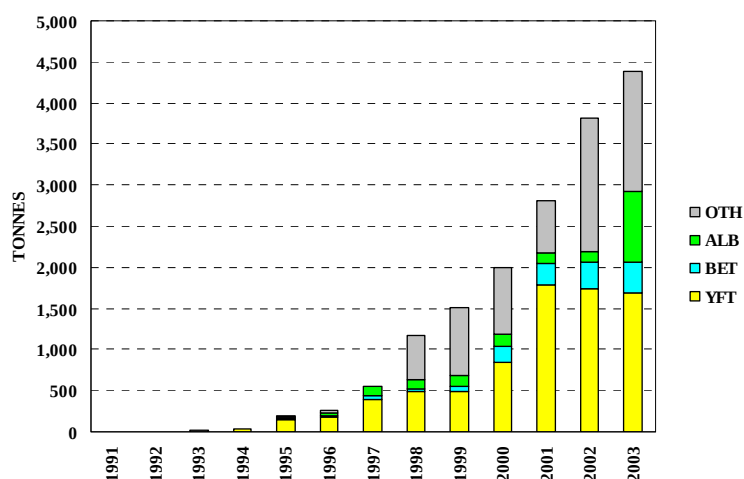


Figure 27. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Papua New Guinea longliners. (Estimates for 1991–1997 represent unraised logsheet totals.)

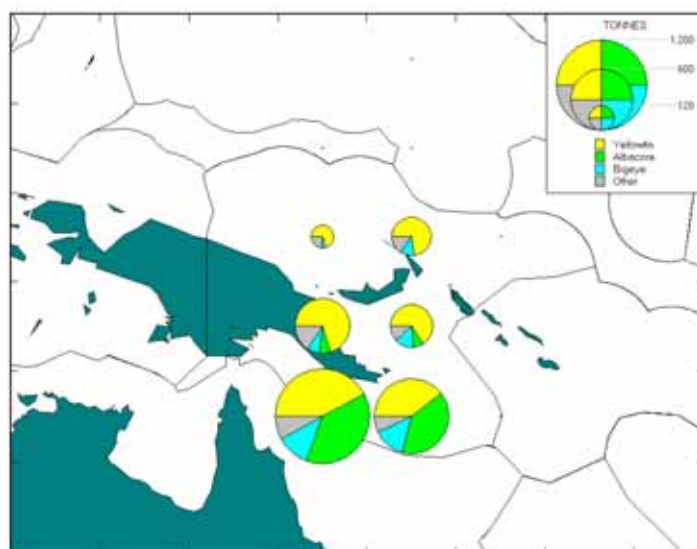


Figure 28. Papua New Guinea longliner catch, 2003

Table 17. Catches (tonnes), number of hooks (thousands) and catch per unit of effort (number of fish per 100 hooks) for Korean longliners in the WCPO

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1958	2	...	146	...	62	18	...	8	70	...	30	...	234	...
1959	4	...	456	...	83	24	...	4	67	...	12	...	547	...
1960	3	...	610	...	82	50	...	7	84	...	11	...	744	...
1961	2	...	330	...	86	9	...	2	46	...	12	...	385	...
1962	5	...	635	...	90	26	...	4	47	...	7	...	708	...
1963	10	...	1,461	...	75	242	...	12	252	...	13	...	1,955	...
1964	16	...	1,768	...	70	359	...	14	400	...	16	...	2,527	...
1965	33	...	4,345	...	61	1,303	...	18	1,430	...	20	...	7,078	...
1966	55	...	9,117	...	68	2,268	...	17	2,020	...	15	...	13,405	...
1967	69	...	9,699	...	67	2,699	...	19	2,071	...	14	...	14,469	...
1968	85	...	6,476	...	60	1,272	...	12	3,046	...	28	...	10,794	...
1969	76	...	10,264	...	60	1,838	...	11	4,975	...	29	...	17,077	...
1970	105	...	11,942	...	71	1,322	...	8	3,663	...	22	...	16,927	...
1971	122	...	11,769	...	71	940	...	6	3,832	...	23	...	16,541	...
1972	178	...	9,855	...	56	1,138	...	6	6,685	...	38	...	17,678	...
1973	222	...	16,762	...	65	2,523	...	10	6,653	...	26	...	25,938	...
1974	270	...	6,777	...	48	2,137	...	15	5,191	...	37	...	14,105	...
1975	253	57,102	6,261	0.19	19	13,543	0.70	41	9,529	0.39	29	3,929	33,262	1.44
1976	257	86,867	9,008	0.71	16	20,176	0.57	36	15,118	0.62	27	11,894	56,196	2.09
1977	217	92,492	11,454	0.70	23	15,978	0.62	31	16,179	0.85	32	7,252	50,863	2.31
1978	223	56,661	11,302	1.45	26	7,878	0.65	18	13,812	1.07	32	10,244	43,236	3.37
1979	216	90,883	11,046	0.72	21	12,448	0.51	24	18,421	0.98	35	10,130	52,045	2.33
1980	211	93,835	9,640	0.61	19	13,106	0.38	26	22,795	0.87	45	4,864	50,405	1.96
1981	209	96,735	13,153	0.89	37	7,838	0.26	22	10,245	0.37	29	4,346	35,582	1.64
1982	121	71,750	11,499	1.00	38	6,988	0.35	23	8,954	0.55	29	3,213	30,654	2.03
1983	102	45,162	6,997	1.17	30	5,923	0.46	26	8,445	0.78	37	1,721	23,086	2.52
1984	96	52,994	5,212	0.68	24	7,086	0.47	32	6,792	0.59	31	3,014	22,104	1.87
1985	94	90,521	12,935	0.79	32	10,022	0.52	25	10,047	0.60	25	7,008	40,012	2.02
1986	134	67,313	15,677	0.91	38	10,156	0.54	25	9,532	0.68	23	5,757	41,122	2.24
1987	138	68,239	6,921	0.35	18	15,119	0.70	39	10,059	0.70	26	6,491	38,590	1.79
1988	124	76,461	6,171	0.40	18	11,928	0.48	34	10,835	0.58	31	6,020	34,954	1.56
1989	152	66,546	3,905	0.15	16	9,774	0.42	39	7,841	0.49	31	3,614	25,134	1.14
1990	182	73,216	3,062	0.09	9	15,898	0.69	45	12,218	0.62	34	4,484	35,662	1.48
1991	220	53,452	1,224	0.15	5	12,103	0.88	48	8,247	0.55	33	3,482	25,056	1.60
1992	166	62,125	195	0.24	1	14,860	0.79	49	11,212	0.81	37	3,976	30,243	1.95
1993	148	56,190	79	0.11	0	12,580	0.77	49	8,118	0.61	32	4,958	25,735	1.60
1994	160	76,380	95	0.11	0	19,603	0.86	59	9,794	0.37	29	3,886	33,378	1.44
1995	154	81,831	39	0.19	0	15,389	0.61	53	9,483	0.44	32	4,321	29,232	1.39
1996	156	73,420	370	0.09	1	13,846	0.56	47	11,801	0.67	40	3,566	29,583	1.39
1997	148	...	1,528	0.25	6	10,915	1.04	46	9,649	0.98	41	1,675	23,767	2.37
1998	169	...	4,843	0.41	12	20,910	0.92	53	9,631	0.47	25	3,748	39,132	1.92
1999	171	...	874	0.06	3	16,967	0.55	61	6,452	0.31	23	3,579	27,872	1.02
2000	176	...	612	0.06	2	15,956	0.57	56	9,319	0.53	32	2,796	28,683	1.25
2001	177	...	1,596	0.20	4	17,354	0.61	45	12,298	0.54	32	7,103	38,351	1.48
2002	162	...	2,137	...	5	21,418	...	50	12,363	...	29	7,144	43,062	...
2003	183	...	1,452	...	6	9,658	...	40	8,477	...	35	4,555	24,142	...

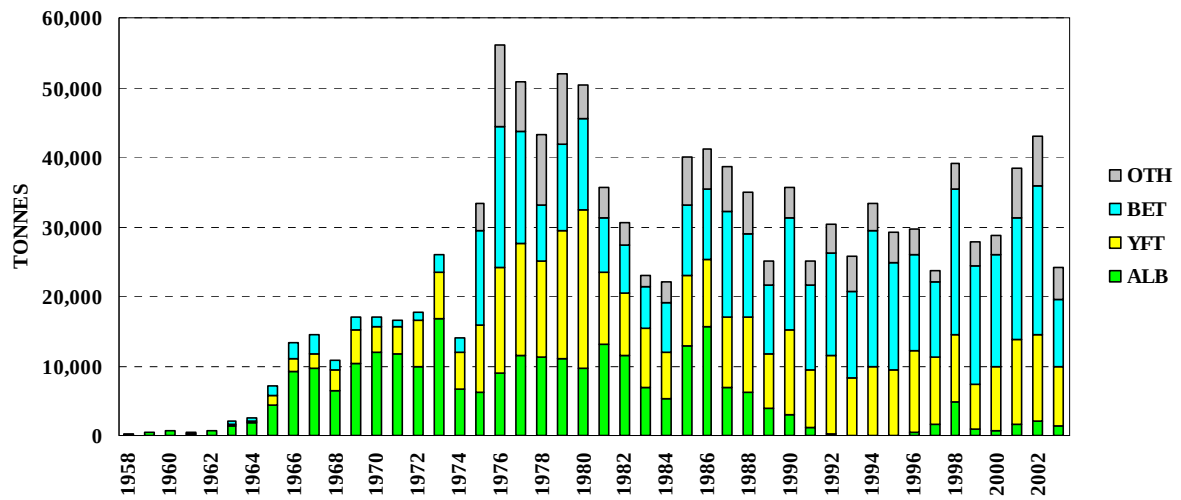


Figure 29. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Korean distant-water longliners in the WCPO

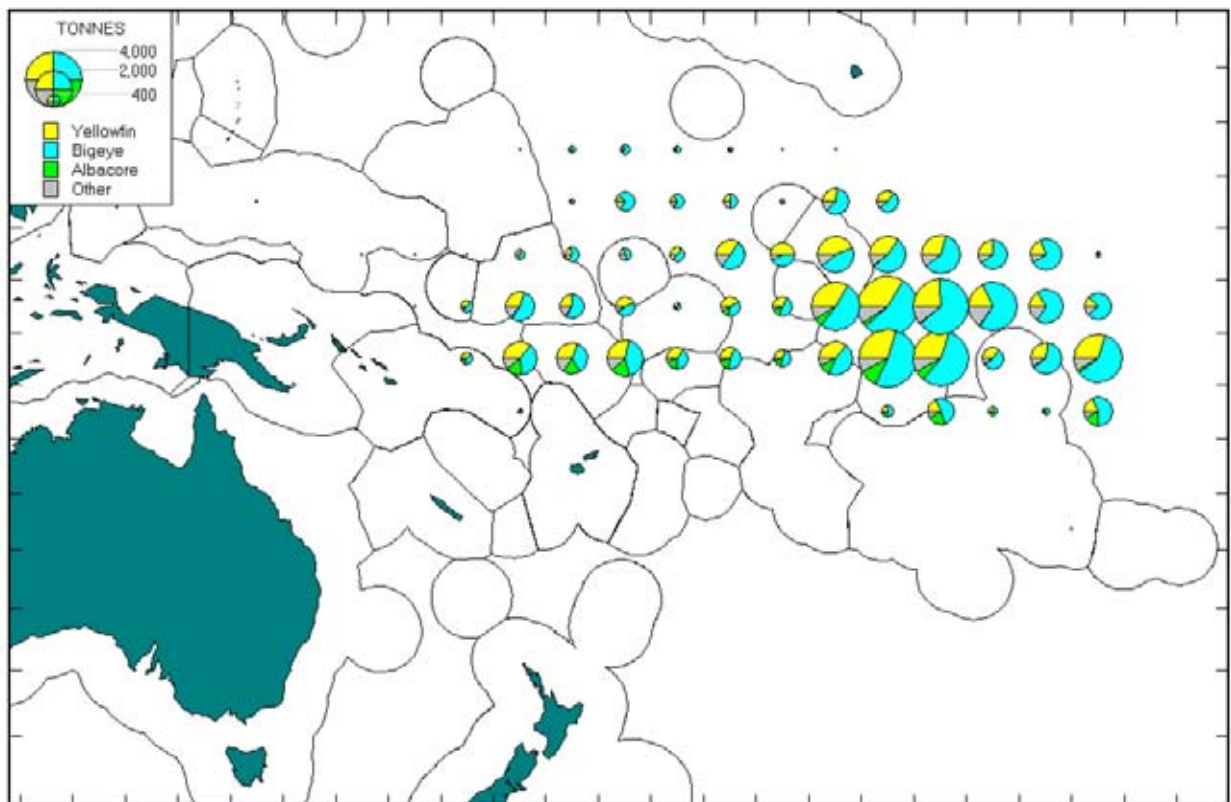


Figure 30. Korean distant-water longliner catch, 2001

LONGLINE: SAMOA

Table 18. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Samoan longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1993	17	...	213	5.76	71	3	0.08	1	81	1.19	27	3	300	7.49
1994	25	...	641	6.20	76	14	0.08	2	73	0.39	9	116	844	6.94
1995	45	...	1,883	5.00	76	40	0.06	2	216	0.31	9	340	2,479	5.48
1996	90	...	1,775	4.00	65	27	0.03	1	573	0.70	21	355	2,730	4.74
1997	170	...	4,108	4.00	65	63	0.03	1	1,327	0.71	21	822	6,320	4.74
1998	200	...	4,742	2.61	71	334	0.08	5	801	0.35	12	801	6,678	4.25
1999	175	...	4,027	1.98	71	283	0.05	5	681	0.51	12	681	5,672	3.80
2000	154	...	4,067	1.67	69	177	0.04	3	1,120	0.51	19	530	5,894	3.44
2001	149	...	4,820	3.39	78	185	0.12	3	470	0.23	8	705	6,180	4.39
2002	68	...	4,223	2.65	83	137	0.09	3	369	0.20	7	363	5,092	3.55
2003	24	...	2,253	1.83	79	110	0.10	4	293	0.25	10	190	2,846	2.69

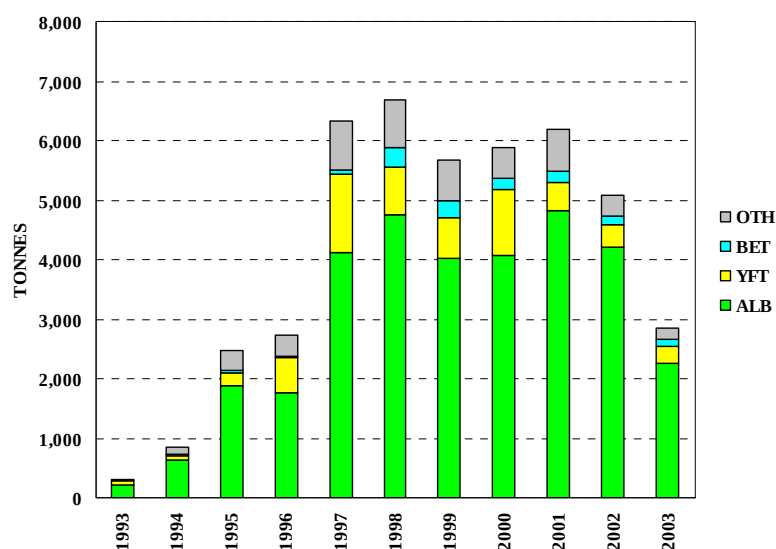


Figure 31. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Samoan longliners

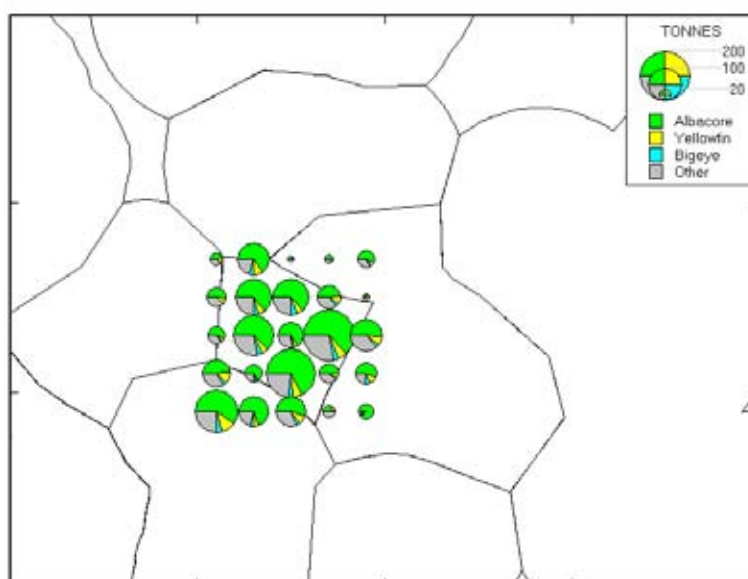


Figure 32. Samoan longliner catch, 2003

Table 19. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Solomon Islands longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1973	2	...	4	...	3	16	...	12	91	...	69	21	132	...
1974	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1975	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1976	2	...	6	...	3	25	...	12	146	...	69	35	212	...
1977	2	...	9	...	3	34	...	12	198	...	69	46	287	...
1978	2	...	9	...	3	36	...	12	207	...	69	48	300	...
1979	2	...	21	...	3	86	...	12	493	...	69	115	715	...
1980	2	...	25	...	3	98	...	12	564	...	69	131	818	...
1981	2	...	2	...	1	25	...	12	146	...	70	36	209	...
1982	2	...	8	...	2	24	...	6	306	...	76	65	403	...
1983	2	...	19	...	3	34	...	6	443	...	80	55	551	...
1984	2	...	19	...	5	57	...	16	213	...	58	76	365	...
1985	2	...	12	...	5	46	...	19	151	...	62	33	242	...
1986	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1988	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	9	...	24	0.10	5	300	0.62	57	199	0.46	38	7	530	1.20
1996	13	...	100	0.23	9	403	0.62	37	533	0.84	49	46	1,082	1.73
1997	18	...	109	0.22	6	722	0.58	40	886	0.78	49	75	1,792	1.81
1998	21	...	370	0.36	20	726	0.52	39	657	0.47	35	112	1,865	1.38
1999	16	...	136	0.03	11	469	0.37	39	533	0.47	44	74	1,212	0.90
2000	14	...	224	0.62	19	364	0.48	30	557	0.84	47	52	1,197	2.01
2001	8	...	54	0.26	13	187	0.58	46	159	0.49	39	9	409	1.36
2002	8	...	127	0.39	13	393	0.66	41	412	0.62	43	17	949	1.72
2003	12	...	122	...	8	967	...	66	362	...	25	23	1,474	...

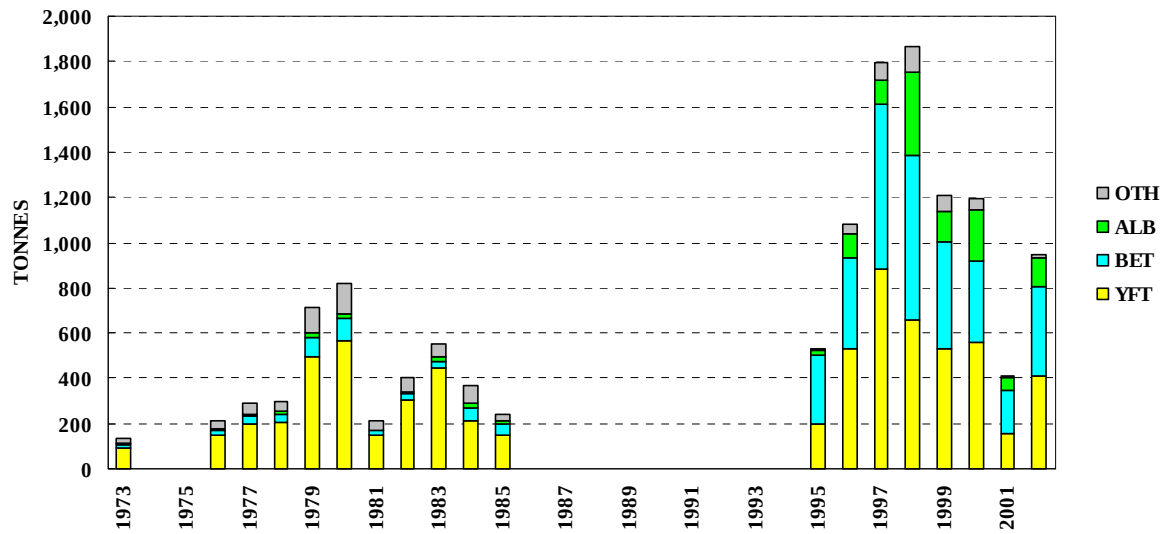


Figure 33. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Solomon Islands longliners

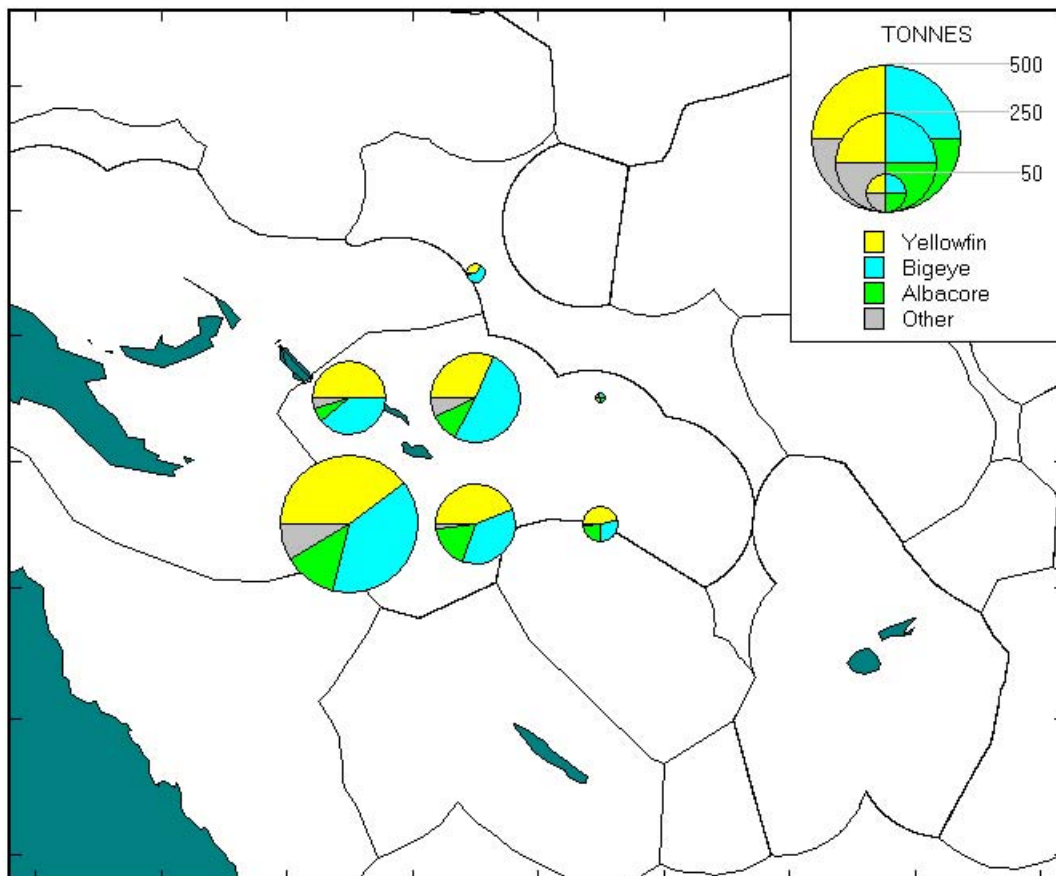


Figure 34. Solomon Islands longliner catch, 2002

LONGLINE: CHINESE TAIPEI, OFFSHORE VESSELS, EAST OF 130°E

Table 20. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Chinese Taipei offshore longliners, east of 130°E. (Catches west of 130°E are covered in Tables 68 and 75.)

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1987	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1988	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1989	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1990	...	...	...	...	...	3,080	...	45	3,473	...	51	254	6,807	...
1991	...	...	...	...	...	1,579	...	32	3,353	...	67	41	4,973	...
1992	...	...	...	...	...	3,185	...	48	3,332	...	51	64	6,581	...
1993	254	...	1	0.00	0	3,037	0.46	47	2,799	0.43	43	600	6,437	1.09
1994	355	...	1	0.00	0	4,856	0.52	40	6,768	0.48	55	630	12,255	1.14
1995	366	...	2	0.00	0	3,297	0.32	24	8,865	0.43	65	1,403	13,567	1.04
1996	420	...	12	0.00	0	2,384	0.34	19	9,189	0.82	73	959	12,544	1.38
1997	361	...	...	...	...	5,862	0.43	45	7,032	0.58	55	...	12,894	1.31
1998	281	...	...	...	...	5,035	0.32	50	4,948	0.45	50	...	9,983	0.98
1999	281	...	...	...	...	5,467	0.28	45	6,578	0.32	55	...	12,045	0.79
2000	284	...	...	...	...	4,441	0.26	39	7,042	0.42	61	...	11,483	0.88
2001	...	...	...	...	...	6,001	0.22	46	7,106	0.36	54	...	13,107	0.73
2002	...	...	...	...	...	5,754	0.18	42	7,895	0.29	58	...	13,649	0.61
2003	...	...	...	...	...	3,506	0.21	42	4,814	0.32	58	...	8,320	0.76

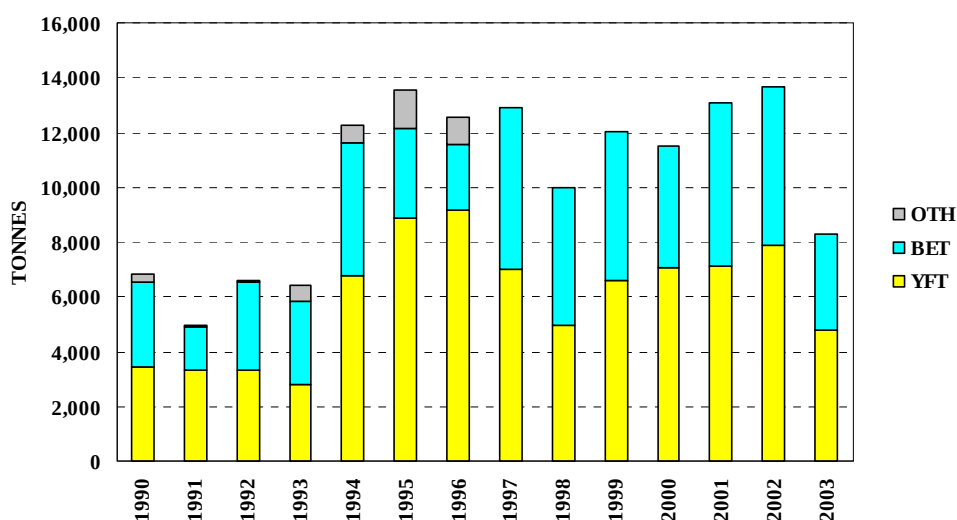


Figure 35. Catches (tonnes) of bigeye (BET), yellowfin (YFT) and other species (OTH) by Chinese Taipei offshore longliners, east of 130°E

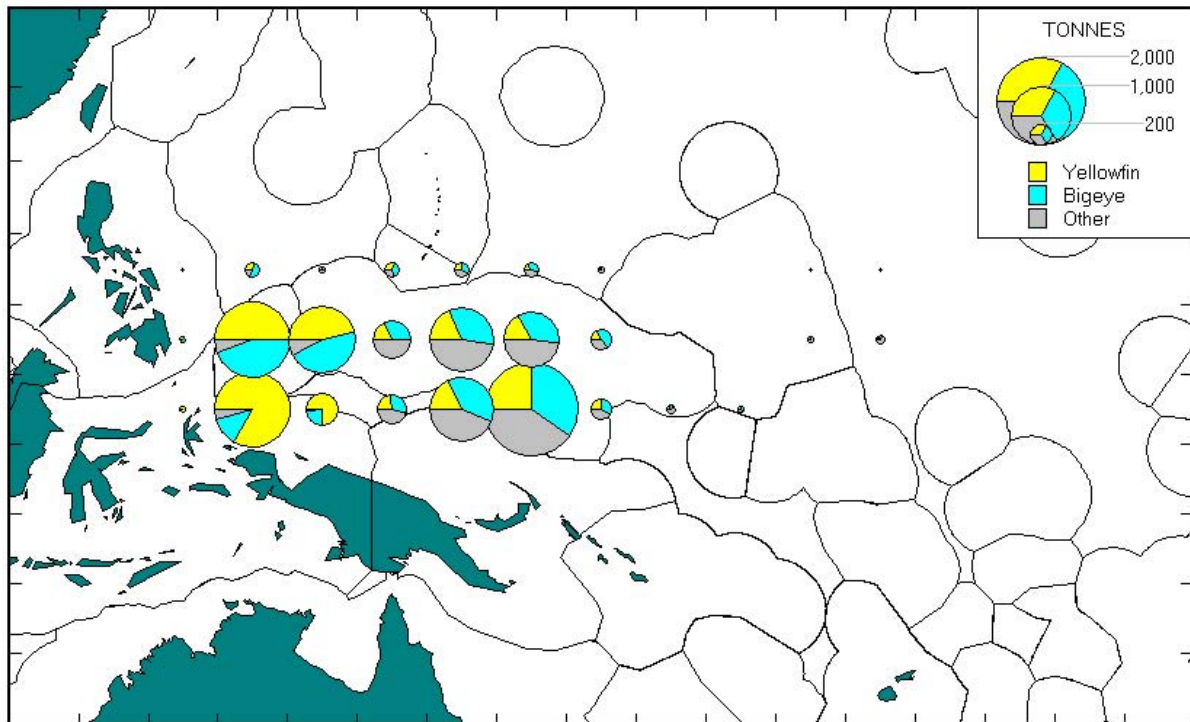


Figure 36. Chinese Taipei offshore longliner catch, east of 130°E, 2003

LONGLINE: CHINESE TAIPEI, DISTANT-WATER VESSELS

Table 21. Catches (tonnes), number of hooks (thousands) and catch per unit of effort (number of fish per 100 hooks) for Chinese Taipei distant-water longliners in the WCPO

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1964	12	...	624	...	78	53	...	7	124	...	15	...	801	...
1965	23	...	1,702	...	62	377	...	14	686	...	25	...	2,765	...
1966	76	...	7,472	...	71	918	...	9	2,115	...	20	...	10,505	...
1967	...	10,764	7,202	3.89	71	1,045	0.37	10	1,402	0.61	14	450	10,099	5.00
1968	...	14,059	9,161	3.77	60	1,390	0.31	9	3,715	1.03	24	939	15,205	5.32
1969	...	14,117	8,927	3.70	56	986	0.21	6	4,457	1.30	28	1,485	15,855	5.58
1970	...	16,775	12,002	4.19	65	1,726	0.35	9	3,369	0.74	18	1,433	18,530	5.59
1971	...	23,645	11,474	3.06	55	1,429	0.22	7	6,939	1.46	33	953	20,795	4.85
1972	...	24,460	13,063	3.33	58	1,704	0.26	8	6,826	1.12	30	975	22,568	4.78
1973	...	25,971	12,747	3.10	62	1,653	0.22	8	5,383	0.85	26	914	20,697	4.23
1974	...	32,032	10,850	2.38	64	1,496	0.20	9	3,758	0.56	22	724	16,828	3.19
1975	92	28,237	12,208	2.91	76	901	0.13	6	2,339	0.38	15	640	16,088	3.47
1976	194	25,580	12,596	3.00	75	801	0.13	5	2,534	0.38	15	887	16,818	3.64
1977	176	35,494	17,095	3.42	80	1,073	0.11	5	2,336	0.27	11	852	21,356	3.88
1978	168	31,314	16,334	3.61	72	1,008	0.11	4	3,792	0.50	17	1,664	22,798	4.52
1979	157	32,602	13,037	2.71	67	1,241	0.15	6	3,523	0.50	18	1,529	19,330	3.70
1980	182	38,279	15,751	2.84	69	1,468	0.14	6	3,707	0.43	16	1,968	22,894	3.58
1981	140	36,848	11,460	2.23	75	943	0.09	6	1,851	0.22	12	1,006	15,260	2.66
1982	115	23,930	8,919	2.42	81	468	0.06	4	916	0.15	8	750	11,053	2.81
1983	65	21,285	9,842	3.17	86	295	0.06	3	750	0.14	7	500	11,387	3.49
1984	61	29,792	9,771	2.25	83	475	0.06	4	890	0.12	8	615	11,751	2.50
1985	44	19,104	7,711	2.80	84	298	0.06	3	897	0.22	10	303	9,209	3.11
1986	51	16,396	9,417	4.48	91	181	0.04	2	582	0.15	6	192	10,372	4.71
1987	60	20,410	10,068	3.27	89	220	0.04	2	821	0.16	7	247	11,356	3.49
1988	70	29,541	12,524	2.77	85	186	0.02	1	1,530	0.23	10	411	14,651	3.07
1989	85	32,134	8,171	1.64	84	347	0.03	4	827	0.11	9	379	9,724	1.81
1990	52	37,681	9,404	1.55	79	627	0.05	5	1,389	0.15	12	531	11,951	1.78
1991	74	58,783	14,987	1.84	85	776	0.05	4	1,096	0.07	6	840	17,699	2.01
1992	88	35,089	11,957	2.67	72	1,896	0.02	11	1,392	0.06	8	1,334	16,579	2.88
1993	72	28,440	9,935	2.44	83	372	0.05	3	593	0.08	5	1,028	11,928	2.73
1994	67	41,083	15,294	2.79	74	733	0.06	4	1,771	0.16	9	2,973	20,771	3.40
1995	62	52,615	18,502	2.59	81	576	0.03	3	1,552	0.16	7	2,075	22,705	3.01
1996	56	...	15,038	3.52	90	278	0.03	2	909	0.16	5	528	16,753	3.81
1997	53	...	14,274	3.37	88	474	0.03	3	954	0.12	6	513	16,215	3.61
1998	64	...	14,195	2.58	83	1,121	0.07	7	811	0.08	5	960	17,087	2.83
1999	65	...	11,717	2.10	79	1,084	0.07	7	977	0.06	7	1,047	14,825	2.29
2000	78	...	14,290	1.83	81	934	0.12	5	1,399	0.18	8	1,101	17,724	2.35
2001	101	...	11,050	1.14	76	1,043	0.06	7	1,522	0.13	11	868	14,483	1.77
2002	133	...	12,444	1.27	49	5,642	0.21	22	5,215	0.20	21	1,839	25,140	1.91
2003	142	...	11,405	...	53	4,332	...	20	3,972	...	18	1,910	21,619	...

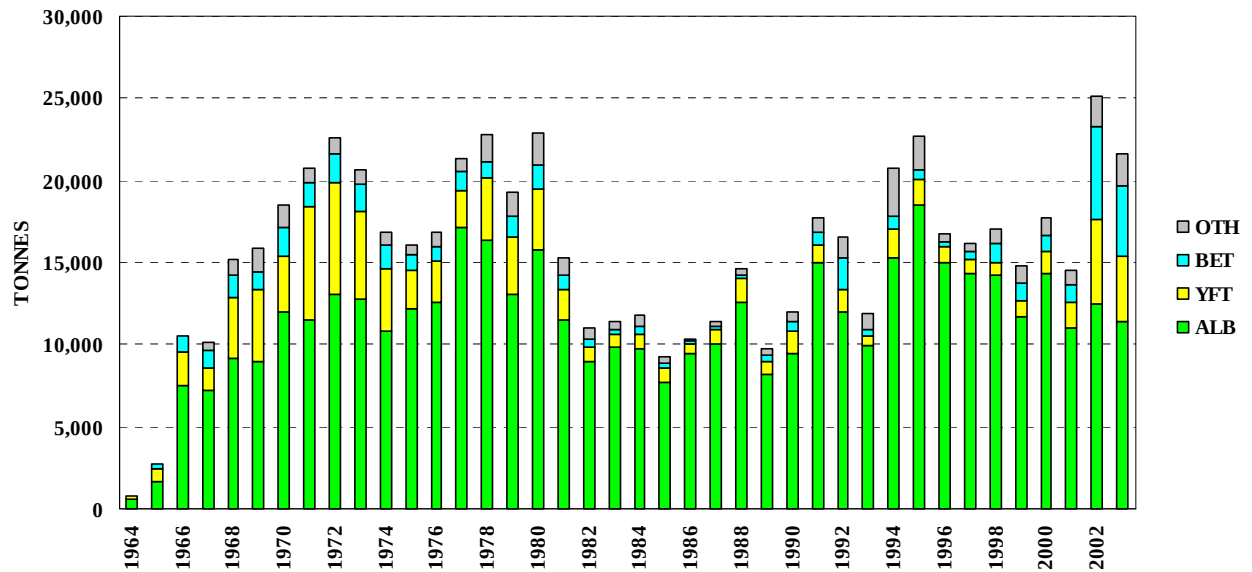


Figure 37. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Chinese Taipei distant-water longliners in the WCPO

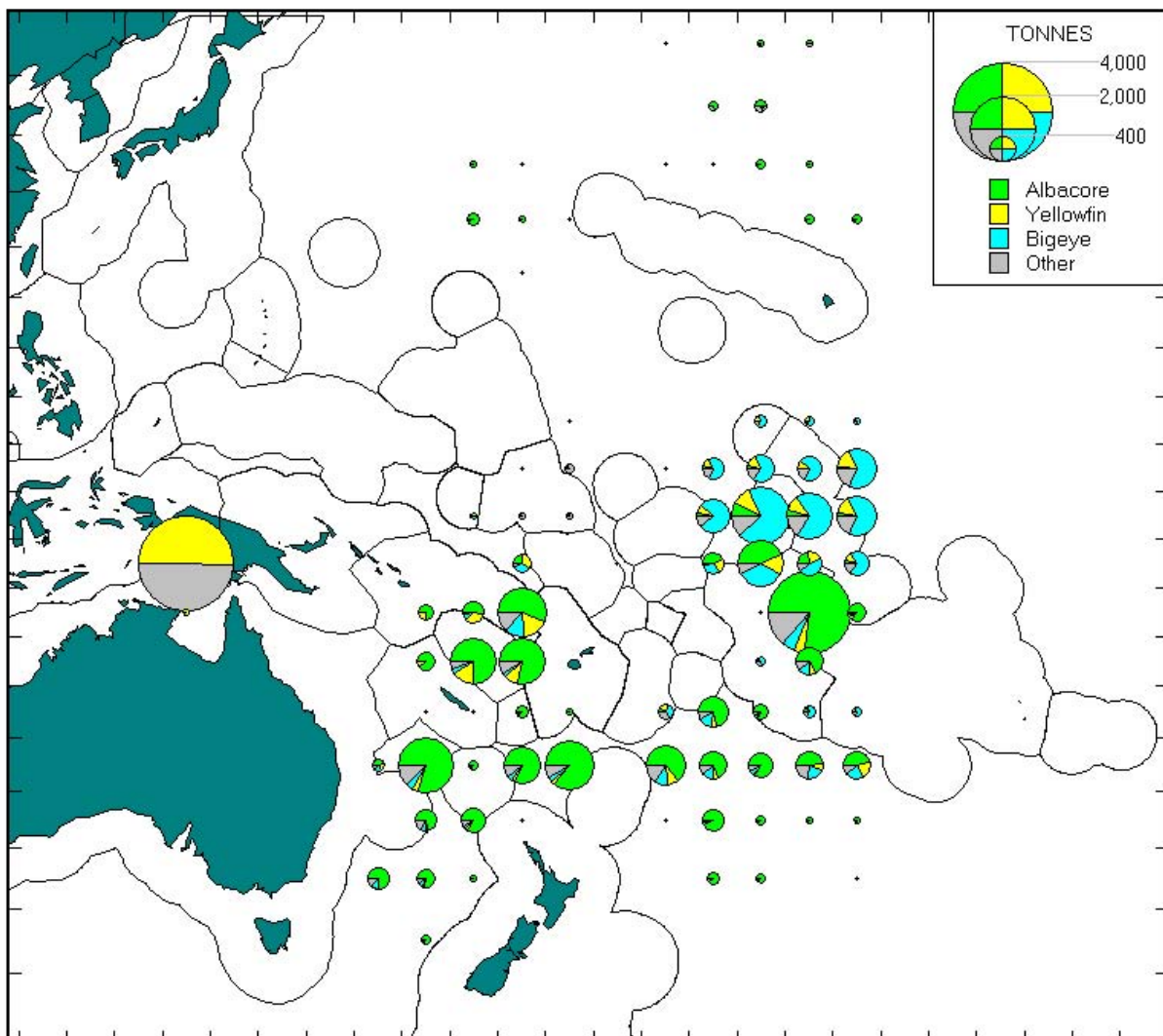


Figure 38. Chinese Taipei distant-water longliner catch, 2002

LONGLINE: TONGA

Table 22. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Tongan longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1982	1	...	106	0.84	42	18	0.09	7	81	0.43	32	47	252	1.70
1983	1	...	143	1.39	60	17	0.10	7	48	0.31	20	30	238	2.15
1984	1	...	135	1.43	44	28	0.18	9	55	0.44	18	89	307	2.86
1985	1	...	174	1.88	47	15	0.10	4	44	0.34	12	137	370	3.32
1986	1	...	206	3.76	68	12	0.12	4	33	0.34	11	52	303	4.92
1987	1	...	252	3.36	71	14	0.11	4	32	0.23	9	57	355	4.34
1988	1	...	242	3.07	76	6	0.08	2	26	0.23	8	45	319	3.94
1989	1	...	195	2.10	65	12	0.09	4	27	0.26	9	66	300	3.05
1990	1	164	152	2.06	66	11	0.10	5	27	0.27	12	39	229	2.84
1991	1	153	171	2.66	75	5	0.06	2	19	0.23	8	34	229	3.40
1992	1	195	199	2.46	78	5	0.04	2	19	0.18	7	33	256	3.06
1993	6	...	231	1.92	57	34	0.05	8	64	0.37	16	75	404	2.67
1994	5	...	343	2.54	74	19	0.06	4	46	0.22	10	57	465	3.16
1995	7	...	379	...	70	23	...	4	59	...	11	82	543	...
1996	7	...	431	1.41	62	60	0.49	9	88	1.28	13	121	700	3.68
1997	8	...	493	2.30	62	69	0.19	9	100	0.15	13	138	800	3.17
1998	10	...	616	1.62	62	86	0.14	9	125	0.23	13	173	1,000	2.70
1999	13	...	801	1.22	62	112	0.17	9	163	0.21	13	224	1,300	2.33
2000	14	...	862	1.22	62	120	0.20	9	175	0.40	13	243	1,400	2.33
2001	21	...	1,268	1.58	64	191	0.18	10	259	0.28	13	270	1,988	2.42
2002	35	...	1,189	1.10	61	215	0.13	11	263	0.19	14	273	1,940	1.71
2003	29	...	611	0.72	47	94	0.08	7	263	0.26	20	327	1,295	1.58

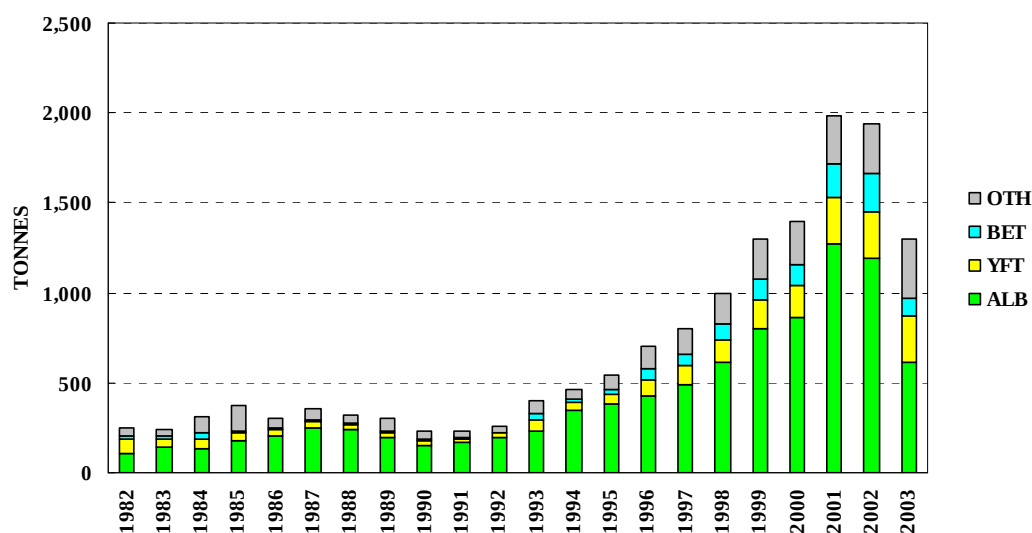


Figure 39. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Tongan longliners

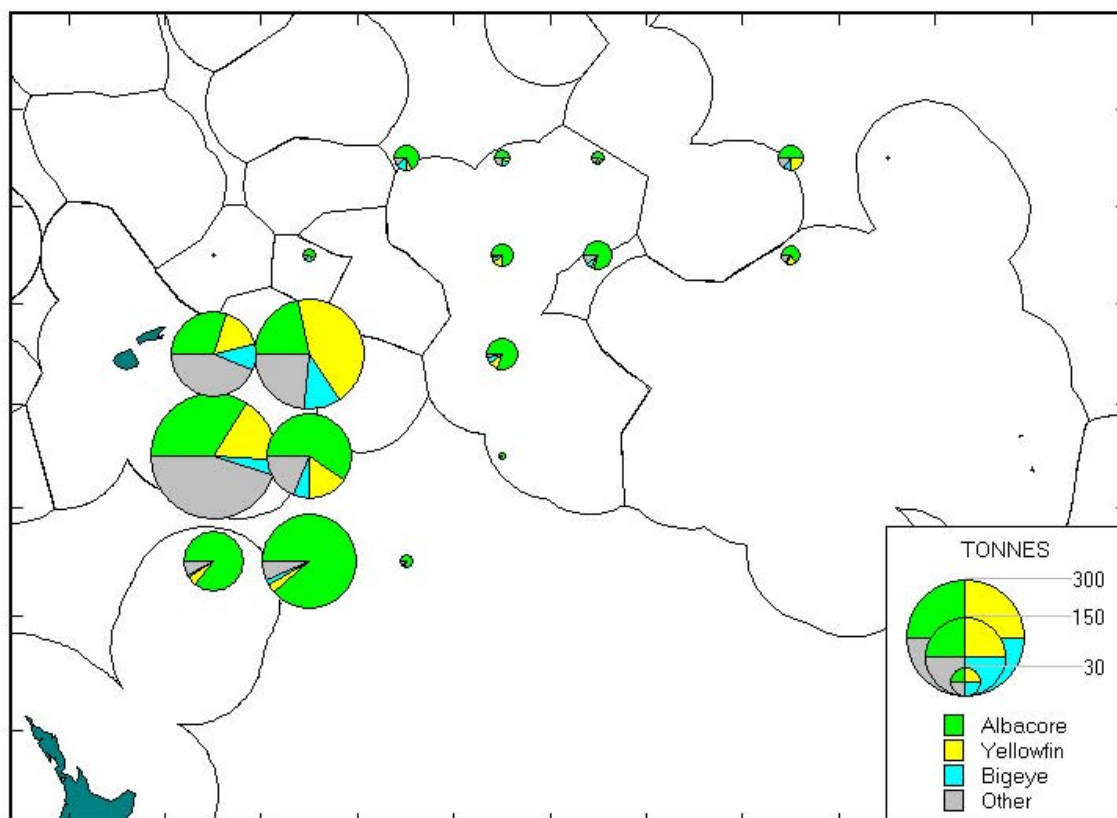


Figure 40. Tongan longliner catch, 2003

LOGLINE: UNITED STATES OF AMERICA

Table 23. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for United States longliners in the WCPO, excluding vessels based in American Samoa and Hawaii/California

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1991	2	...	0	...	0	15	...	41	21	...	57	1	37	...
1992	1	...	0	...	0	5	...	20	15	...	60	5	25	...
1993	2	...	1	...	7	8	...	57	3	...	21	2	14	...
1994	2	...	1	...	8	2	...	17	8	...	67	1	12	...
1995	7	...	9	0.03	2	138	3.93	38	101	4.52	27	120	368	12.80
1996	7	...	1	0.00	0	137	4.09	41	185	8.66	55	14	337	12.96
1997	4	...	1	0.19	1	42	2.50	28	103	8.57	69	3	149	11.54
1998	4	...	6	1.33	3	57	2.05	28	136	6.54	66	6	205	10.62
1999	3	...	1	0.05	1	63	2.30	39	72	4.35	45	24	160	7.49
2000	3	...	0	0.00	0	30	2.34	26	58	7.95	50	28	116	12.85

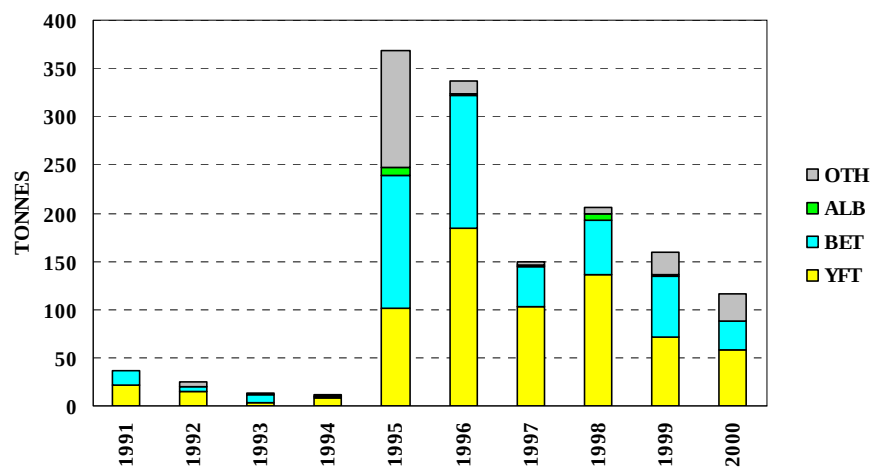


Figure 41. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by United States longliners, excluding vessels based in American Samoa and Hawaii/California

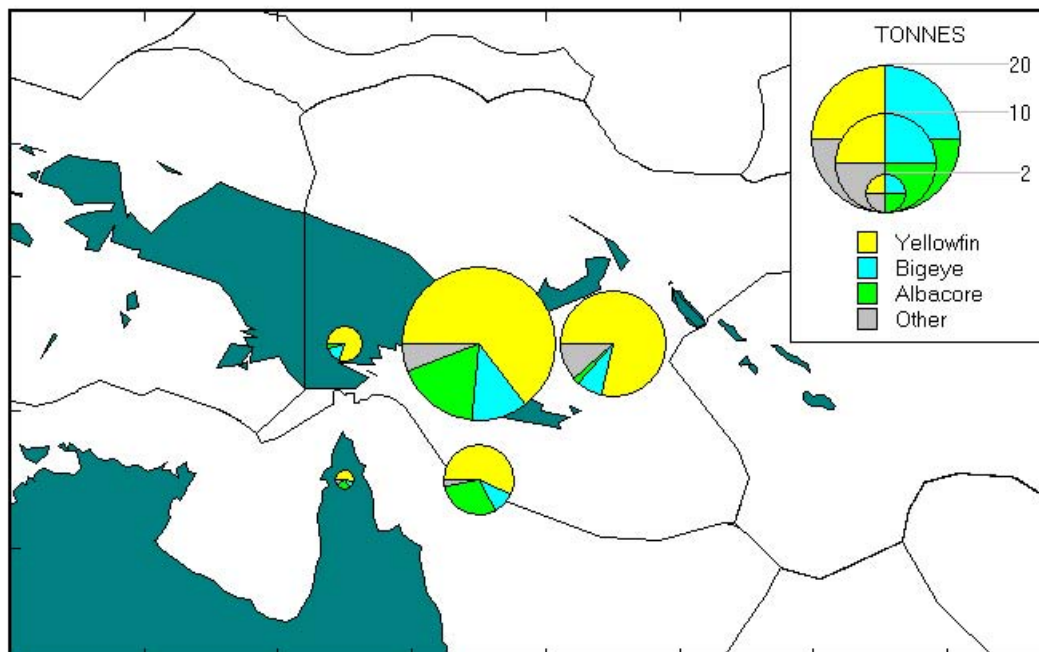


Figure 42. United States longliner catch, excluding vessels based in American Samoa and Hawaii/California, 1999

Table 24. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for United States longliners based in Hawaii and California

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1950	76	...	27	...	3	781	...	73	269	...	25	...	1,077	...
1951	67	...	24	...	2	913	...	74	296	...	24	...	1,233	...
1952	56	...	46	...	3	1,013	...	73	322	...	23	...	1,381	...
1953	58	...	23	...	2	1,242	...	84	213	...	14	...	1,478	...
1954	54	...	13	...	1	1,248	...	86	191	...	13	...	1,452	...
1955	52	...	9	...	1	997	...	83	201	...	17	...	1,207	...
1956	51	...	6	...	1	1,046	...	91	96	...	8	...	1,148	...
1957	49	...	4	...	0	738	...	88	101	...	12	...	843	...
1958	44	...	7	...	1	719	...	85	115	...	14	...	841	...
1959	41	...	5	...	1	596	...	77	175	...	23	...	776	...
1960	38	...	4	...	1	567	...	80	137	...	19	...	708	...
1961	36	...	5	...	1	469	...	75	152	...	24	...	626	...
1962	35	...	7	...	1	548	...	82	110	...	17	...	665	...
1963	32	...	7	...	1	424	...	77	118	...	21	...	549	...
1964	31	...	4	...	1	379	...	73	133	...	26	...	516	...
1965	30	...	3	...	1	345	...	69	153	...	31	...	501	...
1966	28	...	8	...	2	346	...	67	159	...	31	...	513	...
1967	26	...	12	...	3	293	...	66	141	...	32	...	446	...
1968	22	...	11	...	3	256	...	70	99	...	27	...	366	...
1969	23	...	14	...	3	319	...	73	106	...	24	...	439	...
1970	24	...	9	...	2	215	...	45	251	...	53	...	475	...
1971	23	...	11	...	3	213	...	51	191	...	46	...	415	...
1972	23	...	8	...	2	226	...	57	160	...	41	...	394	...
1973	18	...	14	...	5	181	...	62	98	...	33	...	293	...
1974	17	...	9	...	3	185	...	57	130	...	40	...	324	...
1975	16	...	33	...	12	150	...	53	102	...	36	...	285	...
1976	16	...	23	...	7	194	...	59	111	...	34	...	328	...
1977	17	...	37	...	8	225	...	51	176	...	40	...	438	...
1978	19	...	54	...	13	189	...	46	172	...	41	...	415	...
1979	17	...	0	...	0	137	...	49	145	...	51	...	282	...
1980	22	...	0	...	0	17	...	3	536	...	97	...	553	...
1981	25	...	25	...	3	76	...	10	673	...	87	...	774	...
1982	27	...	94	...	8	373	...	32	708	...	60	...	1,175	...
1983	32	...	6	...	1	466	...	56	361	...	43	...	833	...
1984	34	...	2	...	0	536	...	62	330	...	38	...	868	...
1985	36	...	0	...	0	606	...	67	300	...	33	...	906	...
1986	39	...	0	...	0	676	...	72	269	...	28	...	945	...
1987	37	...	136	...	11	816	...	67	261	...	22	...	1,213	...
1988	50	...	318	...	15	1,233	...	57	595	...	28	...	2,146	...
1989	88	...	272	...	10	1,445	...	53	988	...	37	...	2,705	...
1990	138	...	182	...	6	1,520	...	54	1,103	...	39	...	2,805	...
1991	76	...	313	0.11	3	1,556	0.33	16	735	0.11	8	6,993	9,597	2.41
1992	123	...	332	0.17	3	1,490	0.38	16	347	0.07	4	7,321	9,490	2.91
1993	122	...	440	0.23	4	2,116	0.42	18	630	0.12	5	8,605	11,791	3.17
1994	125	...	546	0.26	7	1,791	0.40	22	607	0.11	7	5,211	8,155	2.73
1995	110	...	879	0.32	9	2,055	0.42	21	972	0.17	10	5,657	9,563	2.88
1996	103	...	1,187	0.40	14	1,796	0.44	21	631	0.12	7	5,121	8,735	2.50
1997	113	...	1,644	0.46	13	2,518	0.52	19	1,142	0.19	9	7,729	13,033	2.77
1998	117	...	1,116	0.28	8	3,270	0.57	24	723	0.13	5	8,374	13,483	2.38
1999	130	...	1,540	0.35	11	2,820	0.43	20	477	0.09	3	9,595	14,432	2.21
2000	129	...	941	0.19	7	2,706	0.37	21	1,137	0.19	9	8,066	12,850	1.99
2001	125	...	1,293	0.23	15	2,418	0.36	27	1,016	0.16	11	4,185	8,912	1.69
2002	123	...	525	0.08	6	4,396	0.53	48	572	0.07	6	3,627	9,120	1.49
2003	129	...	524	0.07	5	3,618	0.36	37	809	0.09	8	4,730	9,681	1.55

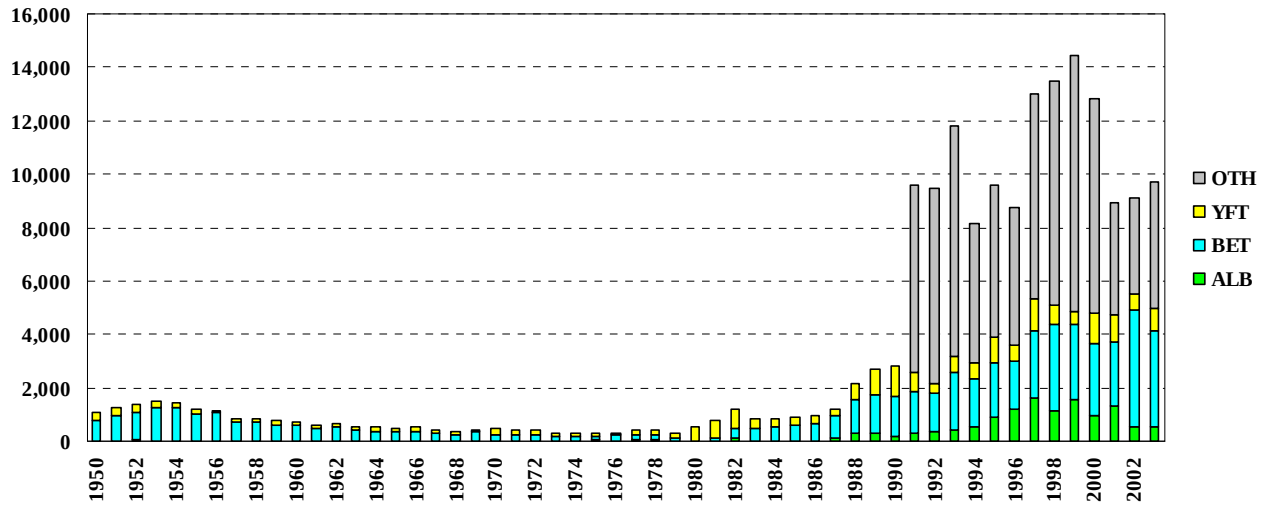


Figure 43. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin(YFT) and other species (OTH) by United States longliners based in Hawaii and California

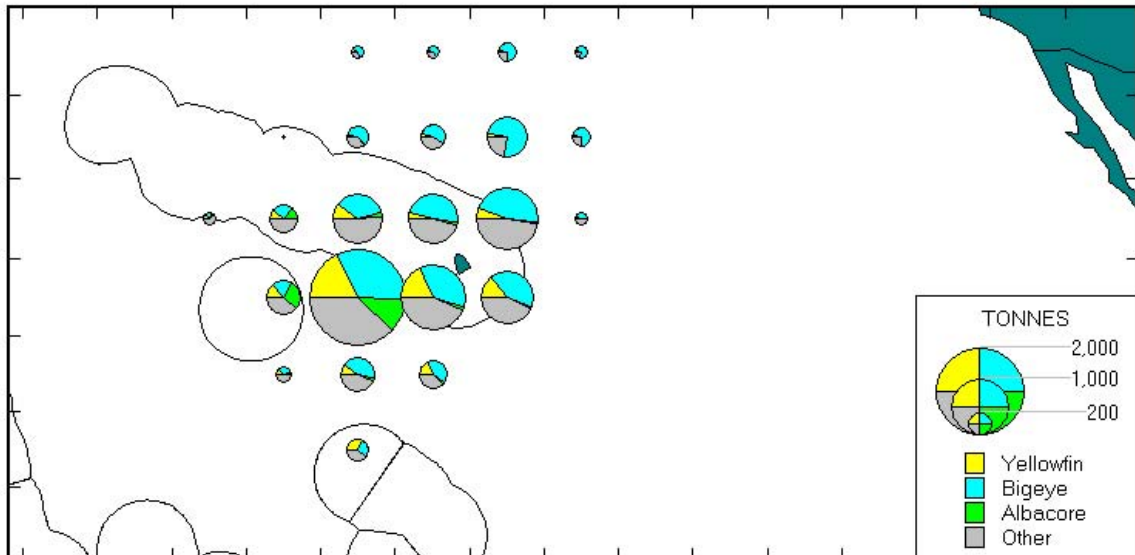
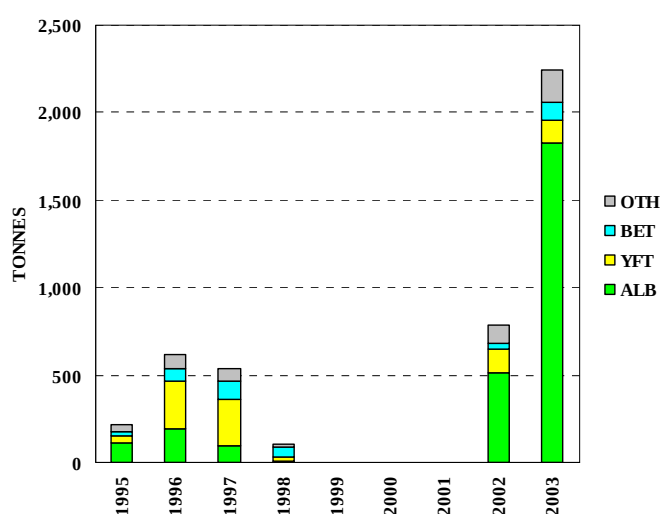
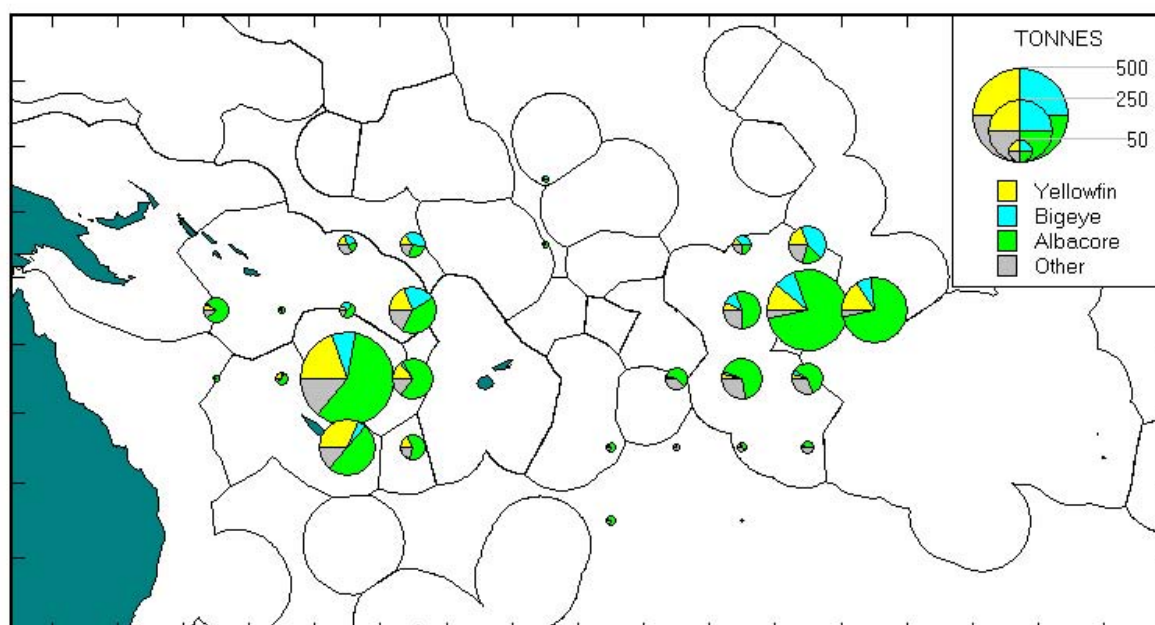


Figure 44. United States longliner catch by vessels based in Hawaii and California, 2003

LONGLINE: VANUATU

Table 25. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Vanuatu longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1995	2	125	109	1.81	51	20	0.25	9	47	0.73	22	37	213	3.06
1996	3	388	192	1.32	31	67	0.29	11	276	1.32	45	84	619	3.06
1997	1	225	95	0.98	18	103	0.55	19	265	1.81	49	75	538	3.54
1998	1	47	10	0.52	10	53	1.52	50	25	0.84	24	17	105	3.14
1999	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2001	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2002	13	...	513	1.52	66	31	0.11	4	137	0.41	17	102	783	2.72
2003	19	...	1,823	1.21	81	102	0.18	5	134	0.24	6	181	2,240	1.93


Figure 45. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Vanuatu longliners

Figure 46. Vanuatu longliner catch, 2003

POLE-AND-LINE: AUSTRALIA

Table 26. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Australian pole-and-line vessels

[illegible]

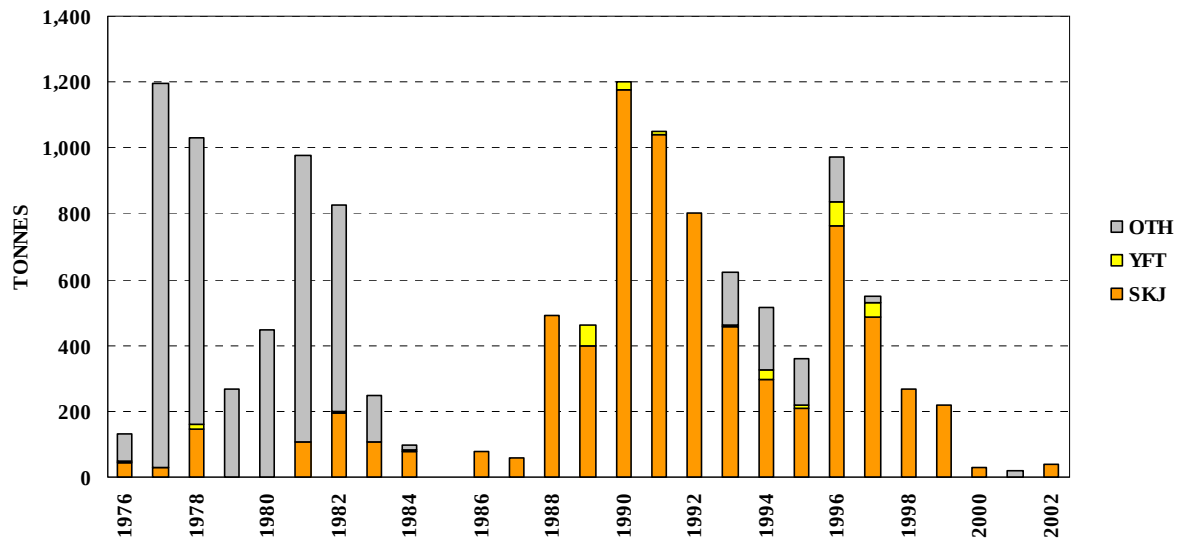


Figure 47. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Australian pole-and-line vessels

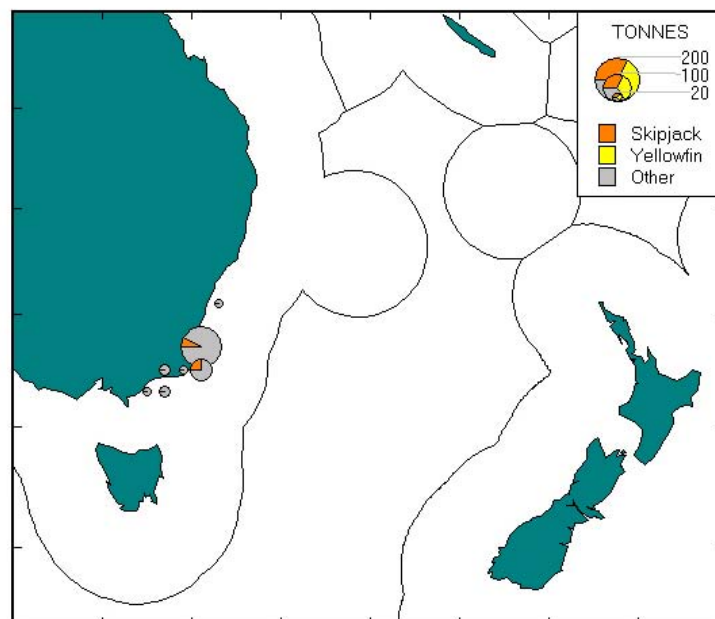


Figure 48. Australian pole-and-line catch, 1999

POLE-AND-LINE: FIJI ISLANDS

Table 27. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Fiji Islands pole-and-line vessels

[illegible]

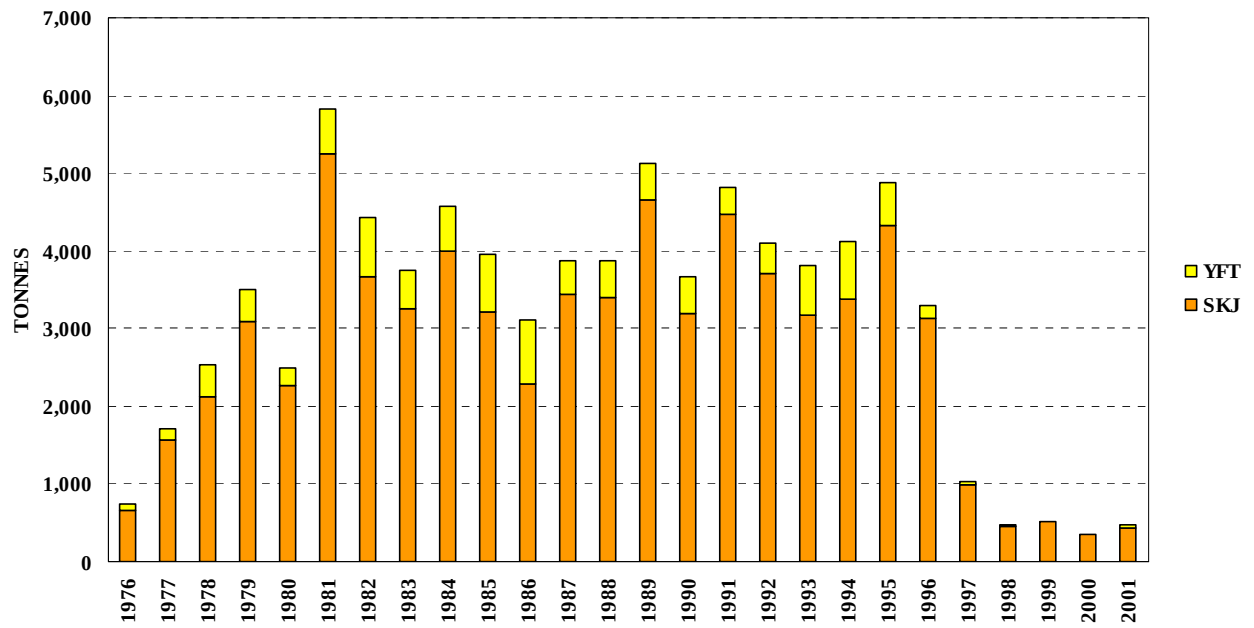


Figure 49. Catches (tonnes) of skipjack (SKJ) and yellowfin (YFT) by Fiji Islands pole-and-line vessels

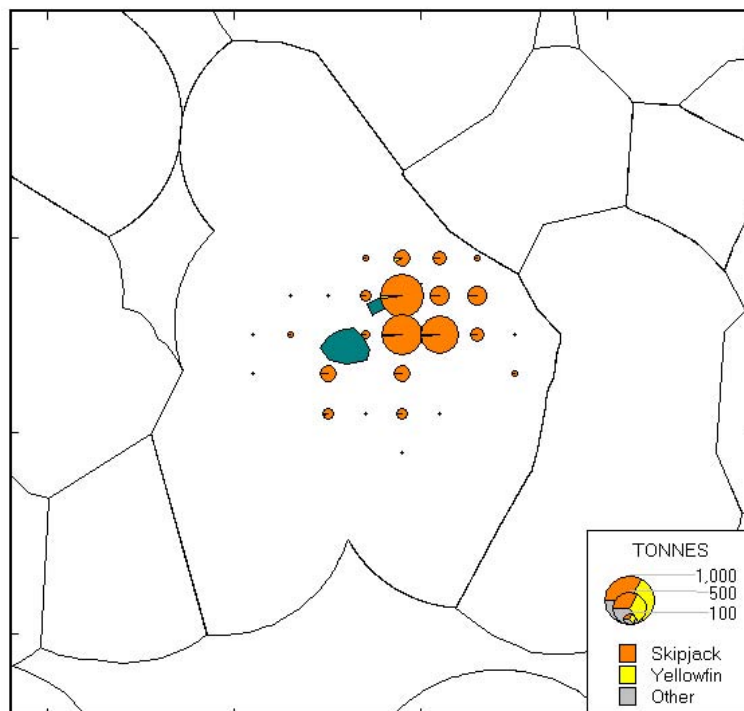


Figure 50. Fiji Islands pole-and-line catch, 1996

POLE-AND-LINE: FRENCH POLYNESIA

Table 28. Catches (tonnes) and catch per unit of effort (kilograms per day fished and searched) for French Polynesian pole-and-line vessels (*bonitiers*)

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CPUE
1975	...	...	...	84	...	...	10	...	...	...	...
1976	...	...	...	84	...	...	6	...	...	...	...
1977	...	...	...	75	...	...	17	...	...	...	...
1978	...	...	...	121	...	...	13	...	...	...	...
1979	...	9,832	535	54	70	161	16	21	73	769	78
1980	46	9,964	683	69	69	253	25	26	56	992	100
1981	51	9,528	529	56	51	472	50	46	34	1,035	109
1982	46	8,764	666	76	62	368	42	34	33	1,067	122
1983	46	7,820	598	76	66	238	30	26	67	903	115
1984	51	9,737	824	85	63	426	44	33	50	1,300	134
1985	49	9,253	593	64	66	243	26	27	67	903	98
1986	51	9,513	729	77	74	232	24	24	20	981	103
1987	64	8,791	729	83	80	149	17	16	29	907	103
1988	53	7,578	441	58	59	274	36	37	33	748	99
1989	56	7,980	567	71	72	187	23	24	33	787	99
1990	118	...	1,423	91	85	138	7	8	106	1,667	105
1991	106	...	1,254	94	78	251	16	16	99	1,604	116
1992	100	...	1,122	92	77	248	17	17	90	1,460	116
1993	70	...	665	79	68	236	28	24	78	979	119
1994	70	...	1,004	124	82	161	18	13	64	1,229	149
1995	77	9,500	1,250	132	78	306	32	19	55	1,611	170
1996	75	6,900	945	137	84	126	18	11	55	1,126	163
1997	70	6,811	698	102	75	142	21	15	94	934	137
1998	72	6,567	784	119	79	118	18	12	90	992	151
1999	74	5,440	526	97	64	160	29	19	140	826	152
2000	63	5,560	440	79	70	110	20	17	83	633	114
2001	60	5,226	688	132	77	84	16	9	119	891	170
2002	55	5,495	513	93	72	99	18	14	99	711	129
2003	54	4,407	511	116	79	69	16	11	66	646	147

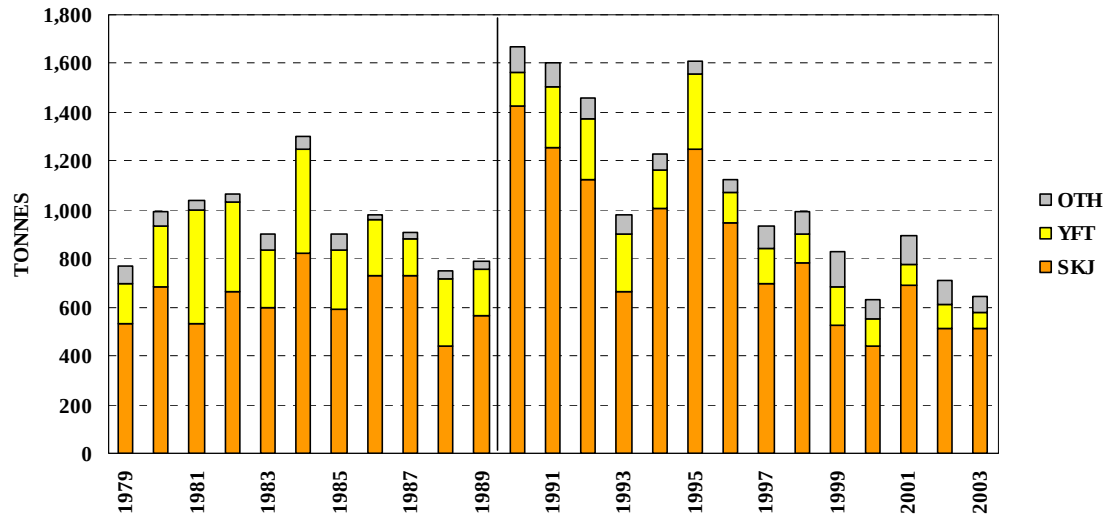


Figure 51. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by French Polynesian pole-and-line vessels (*bonitiers*). (Statistics for 1979–1989 cover only vessels based in Papeete; statistics for 1990–2000 cover all vessels.)

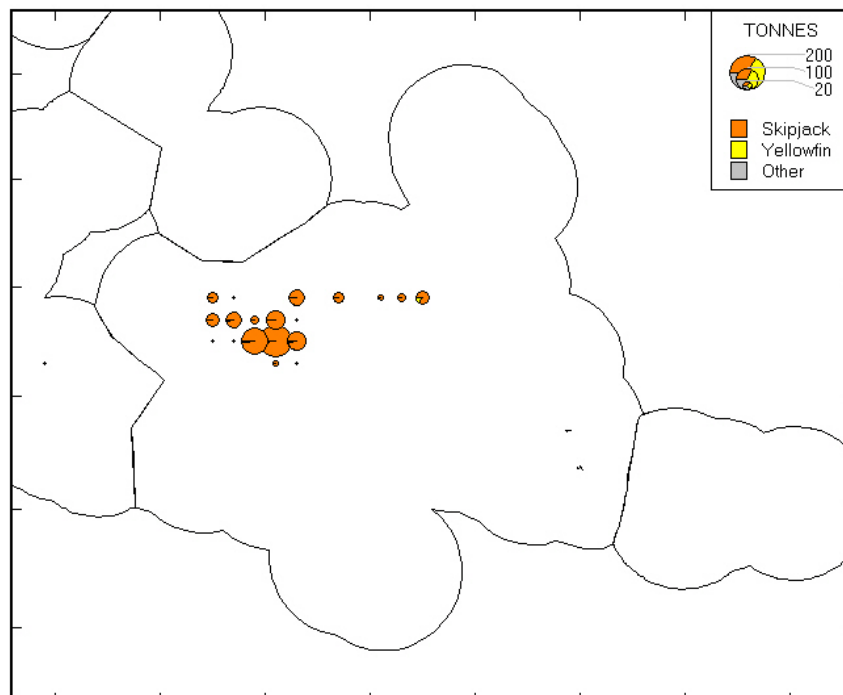


Figure 52. French Polynesian pole-and-line (*bonitiers*) catch, 2002

POLE-AND-LINE: JAPAN

Table 29. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Japanese pole-and-line vessels, over 20 GRT, in the WCPO

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CPUE
1953	622	...	...	...	...	...	...	...	...	...	...
1954	714	...	...	...	...	...	...	...	...	...	...
1955	715	...	...	...	...	...	...	...	...	...	...
1956	687	...	...	...	...	...	...	...	...	...	...
1957	621	...	...	...	...	...	...	...	...	...	...
1958	623	...	...	...	...	...	...	...	...	...	...
1959	620	...	...	...	...	...	...	...	...	...	...
1960	545	...	...	...	...	...	...	...	...	...	...
1961	477	...	...	...	...	...	...	...	...	...	...
1962	451	...	...	...	...	...	...	...	...	...	...
1963	492	...	...	...	...	...	...	...	...	...	...
1964	532	...	...	...	...	...	...	...	...	...	...
1965	572	...	...	...	...	...	...	...	...	...	...
1966	571	...	...	...	...	...	...	...	...	...	...
1967	564	...	...	...	...	...	...	...	...	...	...
1968	561	...	...	...	...	...	...	...	...	...	...
1969	528	...	155,583	...	...	...	...	...	...	...	...
1970	512	...	181,201	...	...	...	...	...	...	...	...
1971	510	...	152,339	...	...	...	...	...	...	...	...
1972	554	46,665	141,020	3.02	71	5,544	0.12	3	53,006	199,570	4.28
1973	582	55,746	209,236	3.75	75	6,057	0.11	2	64,636	279,929	5.02
1974	716	55,740	219,455	3.94	74	4,407	0.08	1	72,525	296,387	5.32
1975	696	58,920	181,093	3.07	76	5,370	0.09	2	50,597	237,060	4.02
1976	653	65,090	221,015	3.40	70	7,351	0.11	2	85,426	313,792	4.82
1977	662	75,988	245,406	3.23	83	9,906	0.13	3	40,119	295,431	3.89
1978	645	66,793	238,267	3.57	77	7,633	0.11	2	61,817	307,717	4.61
1979	625	66,418	211,911	3.19	79	5,836	0.09	2	49,509	267,256	4.02
1980	572	64,432	236,542	3.67	81	6,191	0.10	2	48,103	290,836	4.51
1981	548	64,430	200,719	3.12	83	9,054	0.14	4	31,596	241,369	3.75
1982	475	60,853	200,154	3.29	81	9,499	0.16	4	36,578	246,231	4.05
1983	434	51,019	224,530	4.40	86	9,338	0.18	4	27,024	260,892	5.11
1984	396	50,426	284,495	5.64	88	8,702	0.17	3	31,340	324,537	6.44
1985	356	43,619	159,175	3.65	79	12,925	0.30	6	28,367	200,467	4.60
1986	330	41,187	233,723	5.67	90	8,410	0.20	3	18,469	260,602	6.33
1987	314	39,391	177,518	4.51	84	8,454	0.21	4	24,840	210,812	5.35
1988	277	33,088	201,004	6.07	90	8,129	0.25	4	13,171	222,304	6.72
1989	269	34,564	184,137	5.33	88	9,146	0.26	4	16,975	210,258	6.08
1990	255	34,303	122,391	3.57	81	6,970	0.20	5	21,096	150,457	4.39
1991	242	23,542	151,338	6.43	91	5,404	0.23	3	9,970	166,712	7.08
1992	216	24,264	118,649	4.89	82	6,904	0.28	5	19,300	144,853	5.97
1993	203	24,375	162,403	6.66	89	4,529	0.19	2	15,352	182,284	7.48
1994	185	21,697	108,944	5.02	75	4,035	0.19	3	32,997	145,976	6.73
1995	173	22,140	132,620	5.99	81	4,527	0.20	3	27,081	164,228	7.42
1996	164	20,944	97,916	4.68	76	4,883	0.23	4	25,502	128,301	6.13
1997	162	22,411	122,500	5.47	74	3,727	0.17	2	38,313	164,540	7.34
1998	161	22,350	124,191	5.56	79	3,062	0.14	2	30,900	158,153	7.08
1999	163	22,905	122,290	5.34	67	3,646	0.16	2	56,726	182,662	7.97
2000	161	23,593	138,860	5.89	84	3,475	0.15	2	23,677	166,012	7.04
2001	156	22,050	96,144	4.36	74	2,616	0.12	2	31,737	130,497	5.92
2002	152	20,960	90,466	4.32	63	2,501	0.12	2	51,671	144,638	6.90
2003	...	...	...	...	...	...	...	...	...	...	...

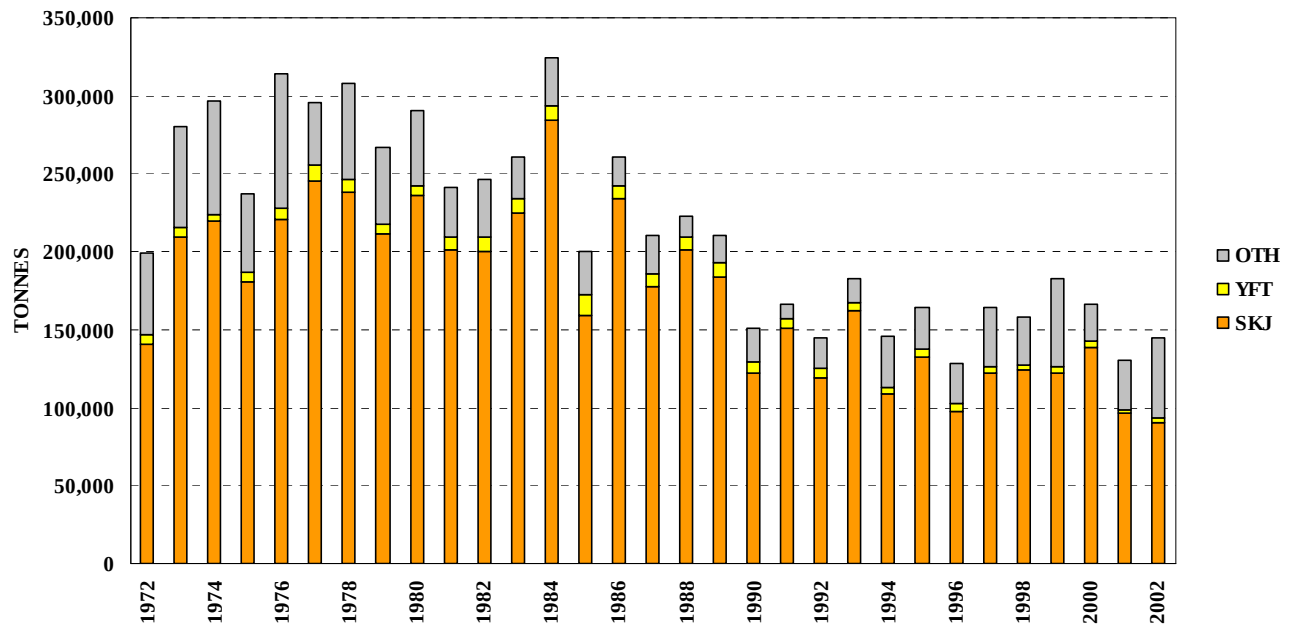


Figure 53. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Japanese pole-and-line vessels, over 20 GRT, in the WCPO

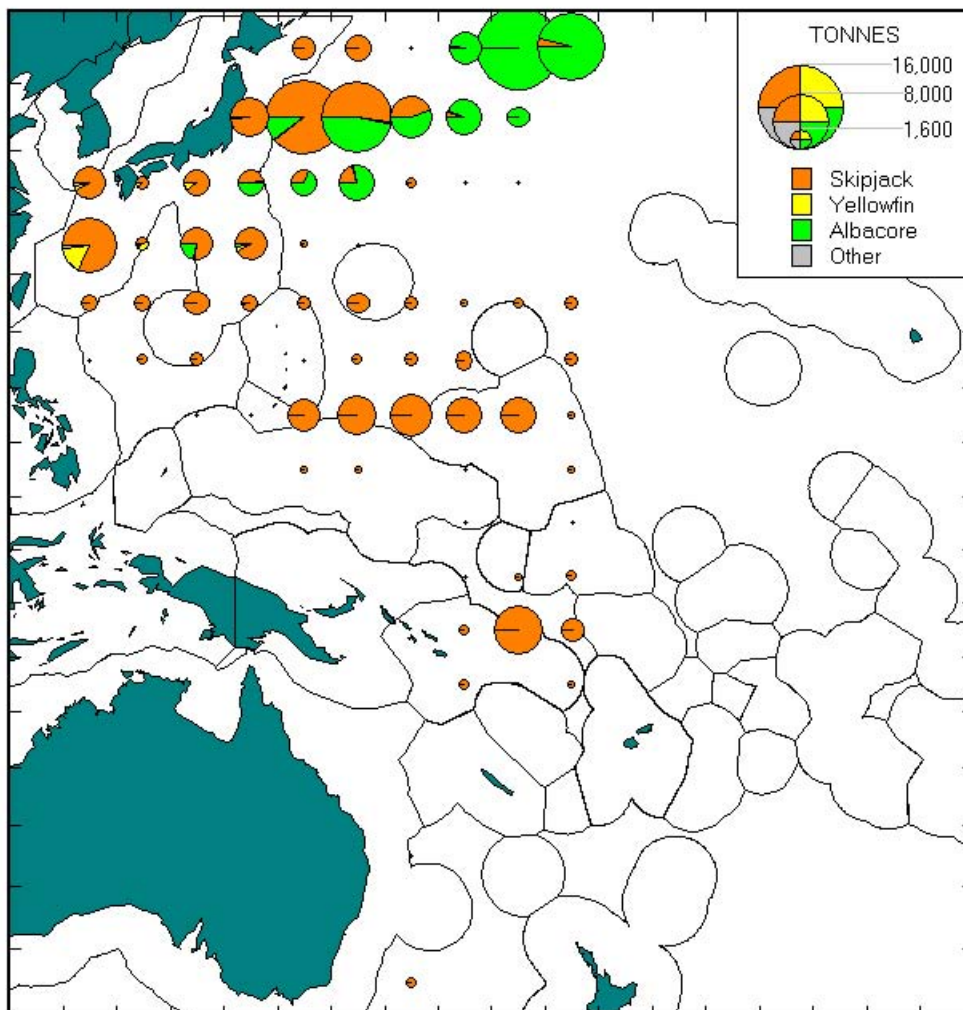


Figure 54. Japanese pole-and-line catch, 2002

POLE-AND-LINE: KIRIBATI

Table 30. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Kiribati pole-and-line vessels

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CPUE
1979	1	...	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...	...	...
1981	2	264	355	1.34	63	209	0.79	37	...	564	2.14
1982	2	272	288	1.06	63	169	0.62	37	...	457	1.68
1983	4	783	1,004	1.28	63	590	0.75	37	...	1,594	2.04
1984	4	971	1,280	1.32	63	751	0.77	37	...	2,031	2.09
1985	4	831	453	0.55	63	266	0.32	37	...	719	0.87
1986	4	637	891	1.40	63	523	0.82	37	...	1,414	2.22
1987	4	445	273	0.61	63	161	0.36	37	...	434	0.98
1988	5	616	927	1.50	63	545	0.88	37	...	1,472	2.39
1989	6	...	1,438	...	63	844	...	37	...	2,282	...
1990	5	212	452	2.13	76	143	0.67	24	1	596	2.81
1991	3	182	157	0.86	69	67	0.37	29	4	228	1.25
1992	3	423	248	0.59	45	303	0.72	55	3	554	1.31
1993	3	...	184	...	63	108	...	37	...	292	...
1994	3	...	121	...	63	71	...	37	...	192	...
1995	3	...	559	...	92	48	...	8	...	607	...
1996	...	...	7	...	50	5	...	36	2	14	...
1997	...	...	4	...	80	1	...	20	0	5	...

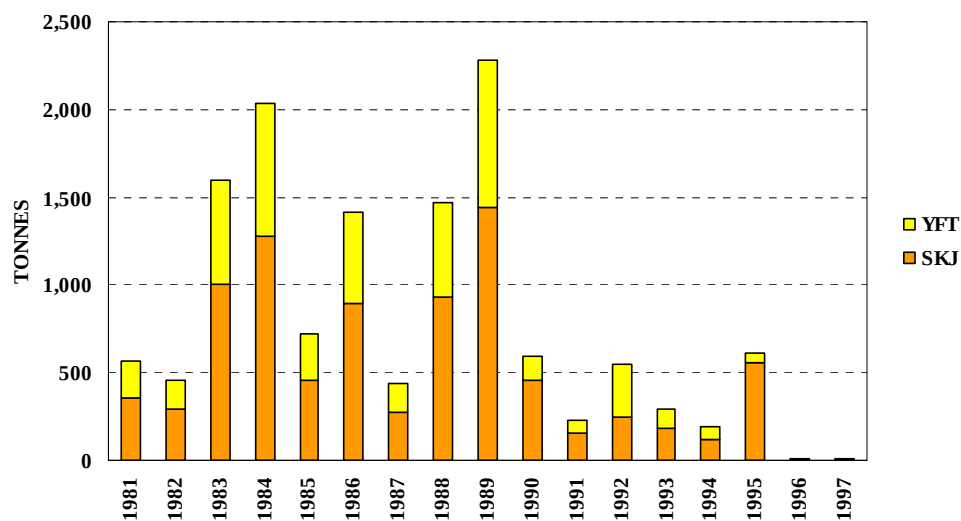


Figure 55. Catches (tonnes) of skipjack (SKJ) and yellowfin (YFT) by Kiribati pole-and-line vessels

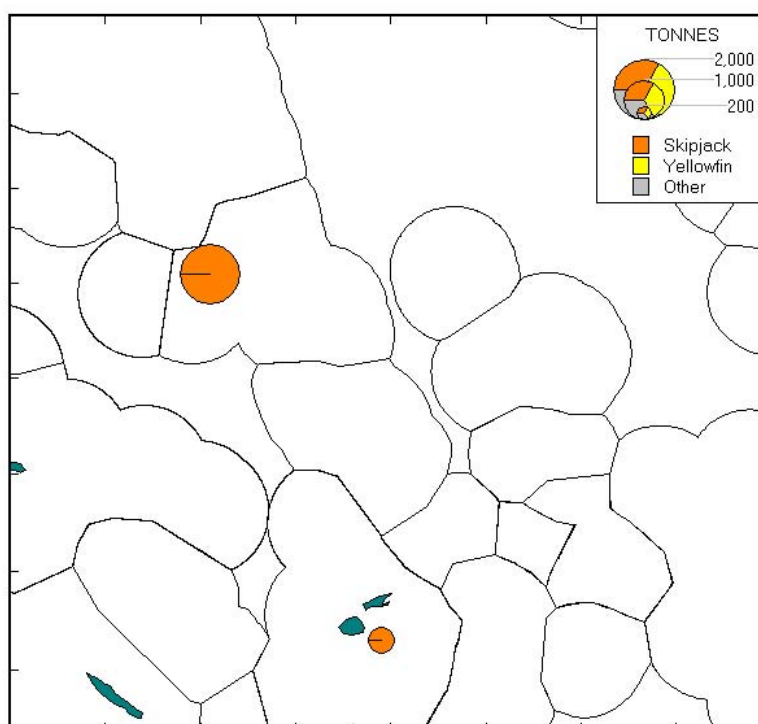


Figure 56. Kiribati pole-and-line catch, 1989

POLE-AND-LINE: NEW CALEDONIA

Table 31. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for New Caledonian pole-and-line vessels

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1981	1	40	226	5.65	99	3	0.08	1	...	229	5.73
1982	3	216	827	3.83	83	41	0.19	4	130	998	4.62
1983	3	113	414	3.66	84	25	0.22	5	53	492	4.35

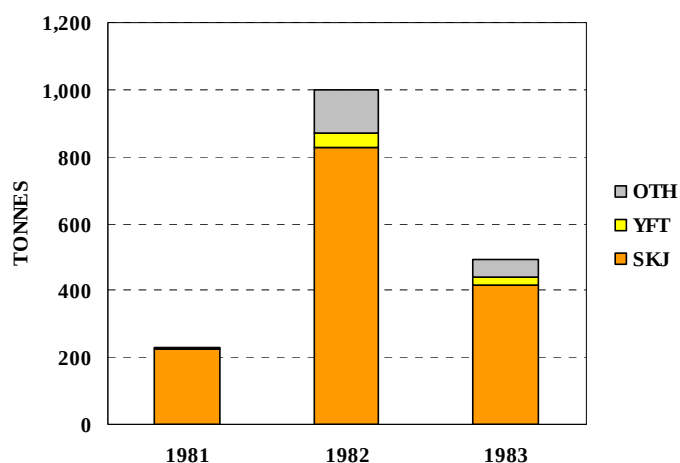


Figure 57. Catches (tonnes) of skipjack (SKJ) and yellowfin (YFT) by New Caledonian pole-and-line vessels

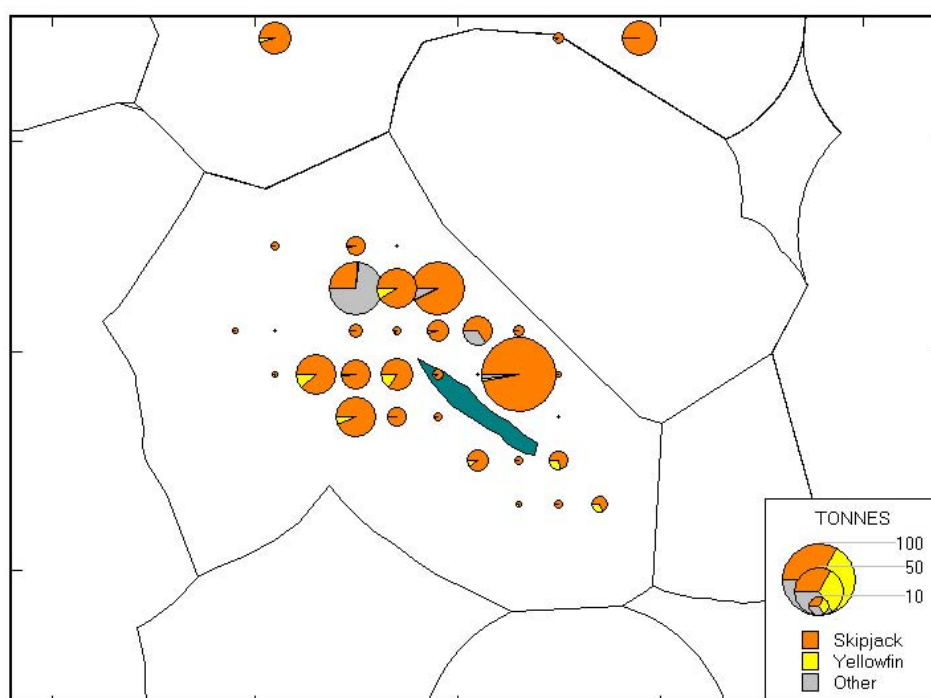


Figure 58. New Caledonian pole-and-line catch, 1983

POLE-AND-LINE: PALAU

Table 32. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Palau pole-and-line vessels

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1964	6	412	1,025	2.49	87	141	0.34	12	12	1,178	2.86
1965	31	1,399	2,497	1.78	91	173	0.12	6	72	2,742	1.96
1966	15	1,362	2,615	1.92	89	71	0.05	2	250	2,936	2.16
1967	20	1,399	3,354	2.40	95	52	0.04	1	123	3,529	2.52
1968	11	1,512	5,039	3.33	99	17	0.01	0	43	5,099	3.37
1969	9	1,193	4,629	3.88	88	133	0.11	3	497	5,259	4.41
1970	10	1,599	8,081	5.05	96	1	0.00	0	360	8,442	5.28
1971	20	1,639	2,133	1.30	92	10	0.01	0	175	2,318	1.41
1972	11	1,053	1,463	1.39	76	56	0.05	3	394	1,913	1.82
1973	12	1,160	2,309	1.99	84	41	0.04	1	399	2,749	2.37
1974	24	1,692	6,647	3.93	96	161	0.10	2	122	6,930	4.10
1975	21	1,790	5,971	3.34	90	298	0.17	5	346	6,615	3.70
1976	33	1,614	4,911	3.04	92	412	0.26	8	25	5,348	3.31
1977	23	1,119	3,592	3.21	89	420	0.38	10	32	4,044	3.61
1978	26	2,233	9,391	4.21	97	303	0.14	3	31	9,725	4.36
1979	21	1,752	5,687	3.25	100	1	0.00	0	4	5,692	3.25
1980	31	1,219	5,580	4.58	85	996	0.82	15	20	6,596	5.41
1981	36	1,651	6,931	4.20	73	2,480	1.50	26	22	9,433	5.71
1982	20	858	3,438	4.01	78	615	0.72	14	327	4,380	5.10
1983	0	-	-	-	-	-	-	-	-	-	-
1984	0	-	-	-	-	-	-	-	-	-	-
1985	1	...	82	...	85	15	...	15	...	97	...
1986	1	...	112	...	85	19	...	15	...	131	...
1987	1	...	139	...	86	22	...	14	...	161	...
1988	1	...	119	...	76	38	...	24	...	157	...
1989	1	...	72	...	94	5	...	6	...	77	...
1990	1	...	80	...	91	8	...	9	...	88	...
1991	0	-	-	-	-	-	-	-	-	-	-
1992	1	...	61	...	81	14	...	19	...	75	...
1993	1	...	100	...	...	...	...	...	...	...	...
1994	1	...	100	...	...	...	...	...	...	...	...
1995	...	...	100	...	...	...	...	...	...	...	...
1996	...	...	100	...	...	...	...	...	...	...	...
1997	...	...	100	...	...	...	...	...	...	...	...
1998	...	...	100	...	...	...	...	...	...	...	...
1999	...	...	100	...	...	...	...	...	...	...	...
2000	...	...	100	...	...	...	...	...	...	...	...
2001	...	...	100	...	...	...	...	...	...	...	...
2002	...	...	100	...	...	...	...	...	...	...	...
2003	...	...	100	...	...	...	...	...	...	...	...

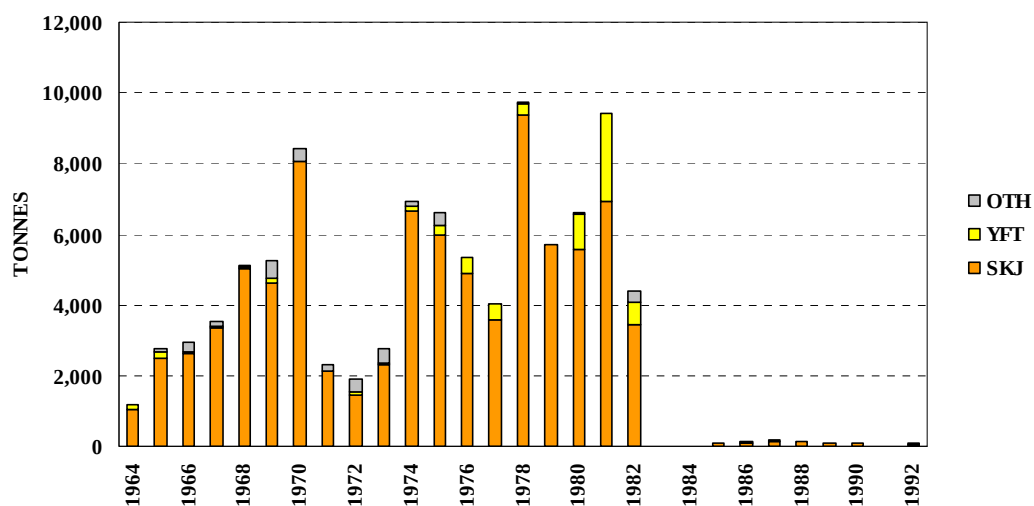


Figure 59. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Palau pole-and-line vessels

POLE-AND-LINE: PAPUA NEW GUINEA

Table 33. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Papua New Guinea pole-and-line vessels

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CPUE
1970	5	511	2,354	4.61	97	74	0.14	3	2	2,430	4.76
1971	29	4,060	16,862	4.15	99	112	0.03	1	28	17,002	4.19
1972	45	4,950	11,785	2.38	88	1,345	0.27	10	202	13,332	2.69
1973	43	7,863	27,300	3.47	96	916	0.12	3	280	28,496	3.62
1974	47	9,408	40,214	4.27	96	1,416	0.15	3	150	41,780	4.44
1975	48	6,435	15,625	2.43	90	1,744	0.27	10	29	17,398	2.70
1976	40	7,901	24,358	3.08	74	8,563	1.08	26	93	33,014	4.18
1977	51	9,736	20,106	2.07	82	4,009	0.41	16	296	24,411	2.51
1978	48	9,941	45,760	4.60	94	3,099	0.31	6	61	48,920	4.92
1979	45	8,184	23,976	2.93	89	2,881	0.35	11	88	26,945	3.29
1980	50	9,484	30,976	3.27	91	3,018	0.32	9	102	34,096	3.60
1981	44	7,861	27,207	3.46	87	4,205	0.53	13	0	31,412	4.00
1982	0	-	-	-	-	-	-	-	-	-	-
1983	0	-	-	-	-	-	-	-	-	-	-
1984	...	683	2,470	3.62	90	274	0.40	10	...	2,744	4.02
1985	...	...	8,370	...	90	930	...	10	...	9,300	...

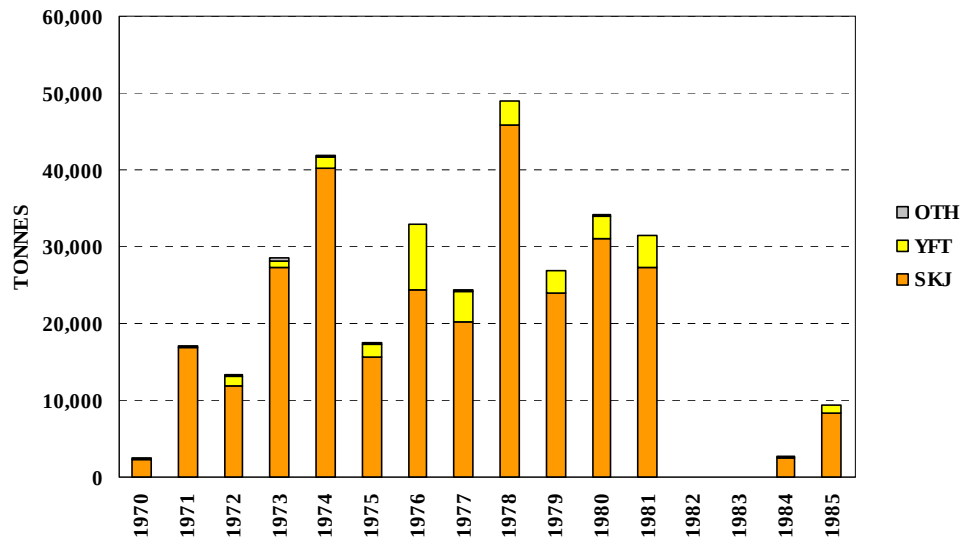


Figure 60. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Papua New Guinea pole-and-line vessels

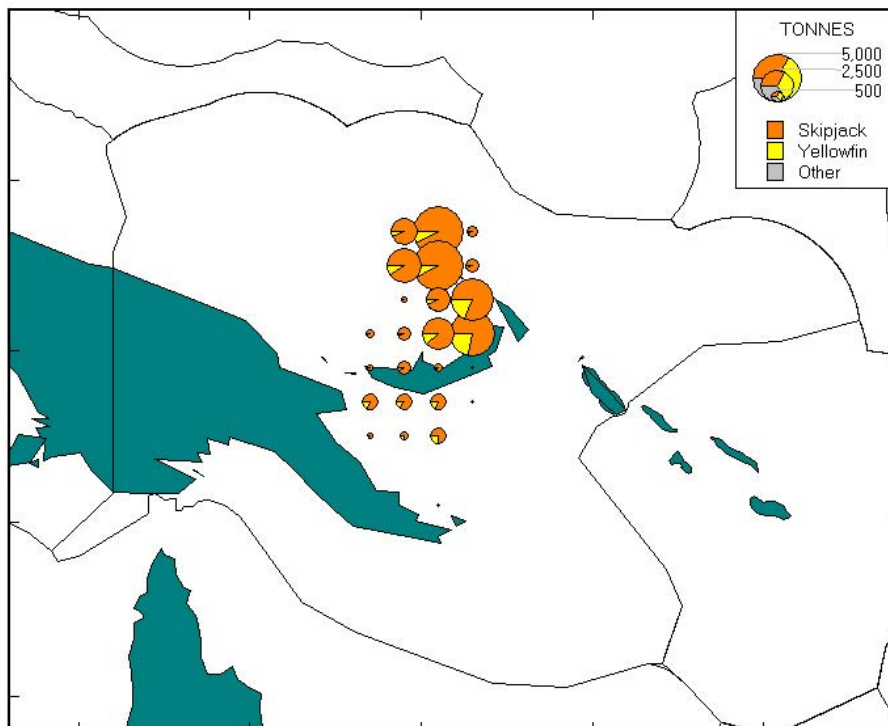


Figure 61. Papua New Guinea pole-and-line catch, 1981

POLE-AND-LINE: SOLOMON ISLANDS

Table 34. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Solomon Islands pole-and-line vessels

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1971	...	813	4,570	5.62	97	141	0.17	3	...	4,711	5.79
1972	...	3,356	7,668	2.28	97	237	0.07	3	...	7,905	2.36
1973	11	1,944	6,318	3.25	97	195	0.10	3	...	6,513	3.35
1974	11	2,182	10,022	4.59	97	310	0.14	3	...	10,332	4.74
1975	12	2,419	7,076	2.93	99	18	0.01	0	75	7,169	2.96
1976	14	3,495	15,523	4.44	98	63	0.02	0	213	15,799	4.52
1977	20	4,741	11,847	2.50	98	114	0.02	1	154	12,115	2.56
1978	20	4,656	18,049	3.88	98	52	0.01	0	253	18,354	3.94
1979	23	5,085	23,497	4.62	99	192	0.04	1	112	23,801	4.68
1980	22	4,993	21,411	4.29	98	197	0.04	1	327	21,935	4.39
1981	23	4,676	19,620	4.20	98	211	0.05	1	201	20,032	4.28
1982	25	5,034	16,464	3.27	97	227	0.05	1	259	16,950	3.37
1983	27	5,953	27,028	4.54	97	578	0.10	2	212	27,818	4.67
1984	31	6,284	29,541	4.70	99	338	0.05	1	91	29,970	4.77
1985	36	7,112	23,744	3.34	97	338	0.05	1	461	24,543	3.45
1986	34	7,588	36,159	4.77	96	565	0.07	1	964	37,688	4.97
1987	34	6,839	20,564	3.01	93	1,456	0.21	7	93	22,113	3.23
1988	34	7,483	28,613	3.82	95	1,189	0.16	4	225	30,027	4.01
1989	33	6,833	23,268	3.41	97	776	0.11	3	58	24,102	3.53
1990	31	5,838	17,427	2.99	94	1,100	0.19	6	32	18,559	3.18
1991	32	6,829	35,240	5.16	97	953	0.14	3	29	36,222	5.30
1992	32	6,100	18,226	2.99	92	1,246	0.20	6	264	19,736	3.24
1993	27	5,947	15,425	2.59	87	2,263	0.38	13	144	17,832	3.00
1994	27	6,612	19,013	2.88	89	2,144	0.32	10	104	21,261	3.22
1995	32	6,986	28,924	4.14	92	2,391	0.34	8	30	31,345	4.49
1996	34	6,322	19,215	3.04	91	1,875	0.30	9	17	21,107	3.34
1997	31	5,558	20,364	3.66	94	1,257	0.23	6	30	21,651	3.90
1998	28	6,013	22,089	3.67	91	1,215	0.20	5	947	24,251	4.03
1999	27	5,482	18,322	3.34	94	982	0.18	5	274	19,578	3.57
2000	18	781	2,632	3.37	95	141	0.18	5	5	2,778	3.56
2001	12	...	3,921	5.51	96	153	0.21	4	4	4,078	5.74
2002	12	...	9,290	3.79	95	405	0.17	4	91	9,786	4.02
2003	12	...	10,140	...	94	655	...	6	2	10,797	...

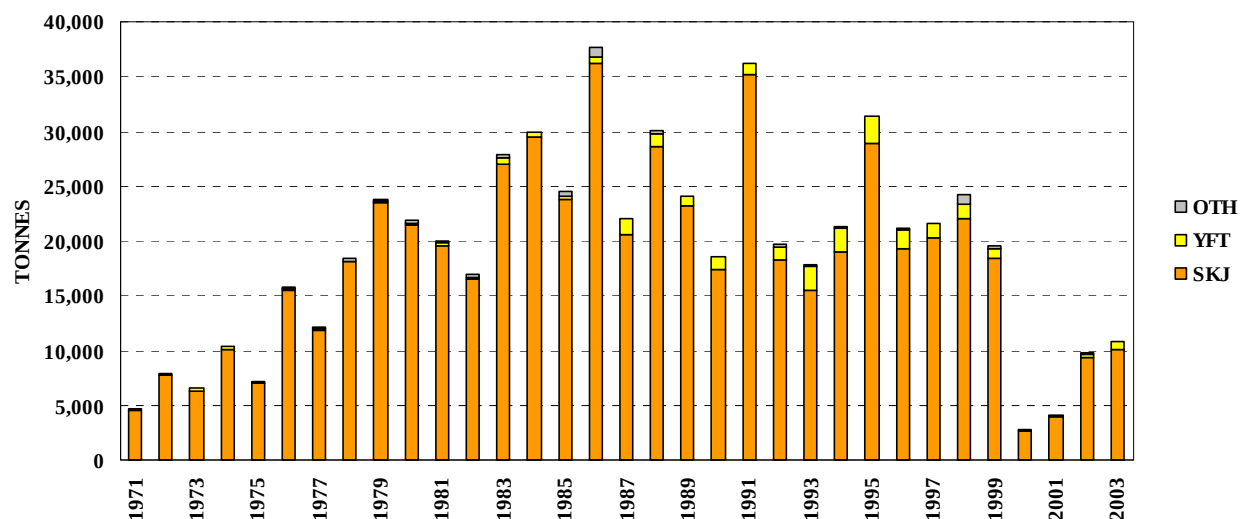


Figure 62. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Solomon Islands pole-and-line vessels

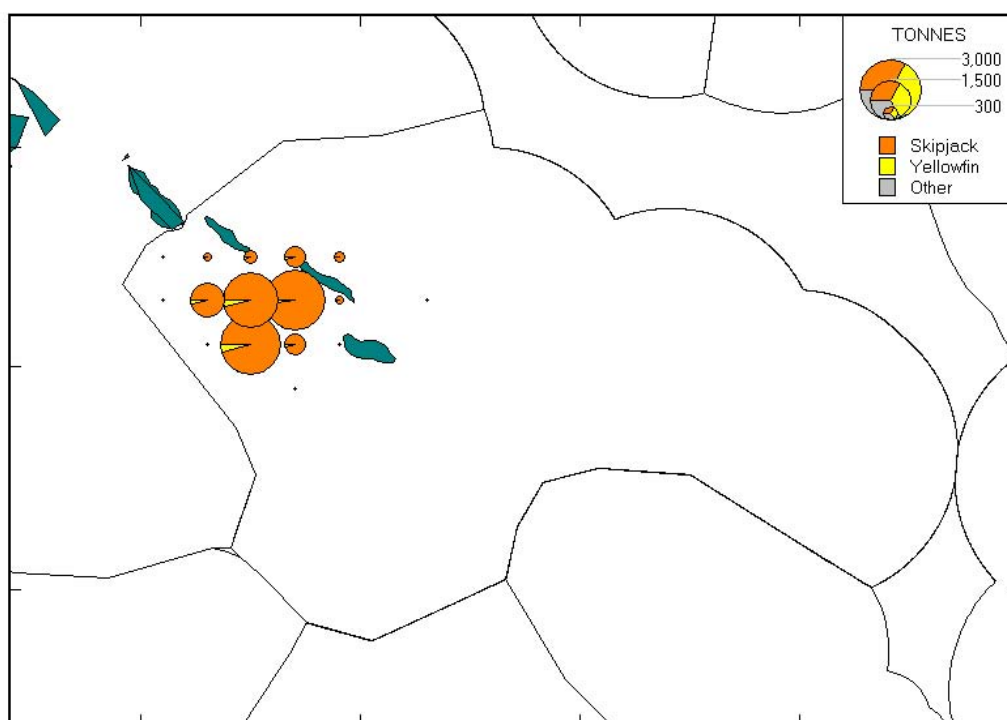


Figure 63. Solomon Islands pole-and-line catch, 2003

POLE-AND-LINE: TUVALU

Table 35. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Tuvaluan pole-and-line vessels

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CPUE
1982	1	68	163	2.40	75	53	0.78	25	...	216	3.18
1983	1	122	286	2.34	85	51	0.42	15	...	337	2.76
1984	1	...	513	4.50	95	27	0.20	5	...	540	4.70
1985	1	...	4	...	100	...	...	...	...	4	...
1986	1	...	378	1.70	97	12	0.10	3	...	390	1.70
1987	1	153	542	3.54	85	90	0.59	14	5	637	4.16
1988	1	190	1,069	5.63	98	21	0.11	2	1	1,091	5.74
1989	1	...	142	...	95	7	...	5	...	149	...
1990	1	198	64	0.32	65	26	0.13	27	8	98	0.49
1991	1	221	23	0.10	62	6	0.03	16	8	37	0.17
1992	1	164	6	0.04	67	2	0.01	22	1	9	0.05

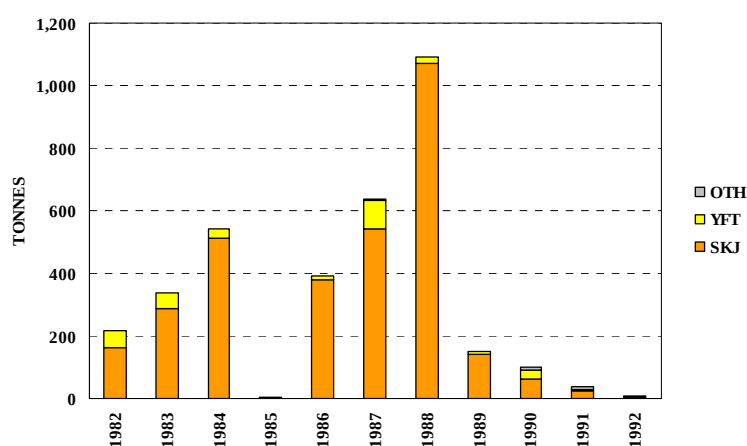


Figure 64. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Tuvaluan pole-and-line vessels

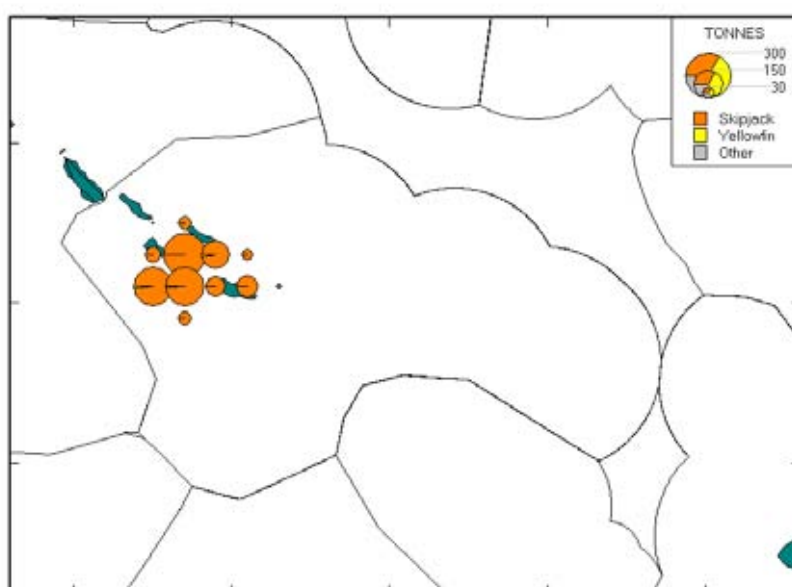


Figure 65. Tuvaluan pole-and-line catch, 1988

PURSE SEINE: AUSTRALIA, INSIDE THE AUSTRALIAN FISHING ZONE

Table 36. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Australian purse seiners inside the Australian Fishing Zone (AFZ)

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1975	...	...	1,900	...	100	...	...	...	...	...	...	...	1,900	...
1976	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1977	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1978	3	27	113	4.19	12	0	0.00	0	...	...	...	866	979	36.26
1979	2	16	0	0.00	0	0	0.00	0	...	...	...	611	611	38.19
1980	1	15	17	1.13	4	0	0.00	0	...	...	...	431	448	29.87
1981	2	34	244	7.18	32	0	0.00	0	...	...	...	511	755	22.21
1982	5	96	31	0.32	1	0	0.00	0	...	...	...	2,119	2,150	22.40
1983	6	104	114	1.10	10	0	0.00	0	...	...	...	1,008	1,122	10.79
1984	4	27	56	2.07	7	0	0.00	0	...	...	...	779	835	30.93
1985	2	10	0	0.00	0	0	0.00	0	...	...	...	446	446	44.60
1986	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	1	1	0	0.00	0	0	0.00	0	...	...	...	30	30	30.00
1988	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	3	41	598	14.59	96	26	0.63	4	...	...	...	0	624	15.22
1990	1	2	121	60.50	100	0	0.00	0	...	...	...	0	121	60.50
1991	6	135	1,954	14.47	100	0	0.00	0	...	...	...	0	1,954	14.47
1992	13	208	6,158	29.61	92	0	0.00	0	...	...	...	557	6,715	32.28
1993	7	248	3,855	15.54	81	6	0.02	0	...	...	...	879	4,740	19.11
1994	4	81	3,219	39.74	100	0	0.00	0	...	...	...	0	3,219	39.74
1995	3	59	4,086	69.25	100	0	0.00	0	...	...	...	0	4,086	69.25
1996	4	130	1,981	15.24	99	8	0.06	0	...	...	...	20	2,009	15.45
1997	5	262	4,204	...	98	13	...	0	...	...	...	63	4,280	...
1998	4	92	1,014	11.02	96	0	0.00	0	...	...	...	39	1,053	11.45
1999	6	162	4,164	25.70	100	0	0.00	0	...	...	...	1	4,165	25.71
2000	8	128	3,955	30.90	92	0	0.00	0	...	...	...	356	4,311	33.68
2001	3	54	492	9.11	99	0	0.00	0	...	...	...	5	497	9.20
2002	3	7	45	6.43	100	0	0.00	0	...	...	...	0	45	6.43
2003	2	23	541	23.52	100	0	0.00	0	...	...	...	0	541	23.52

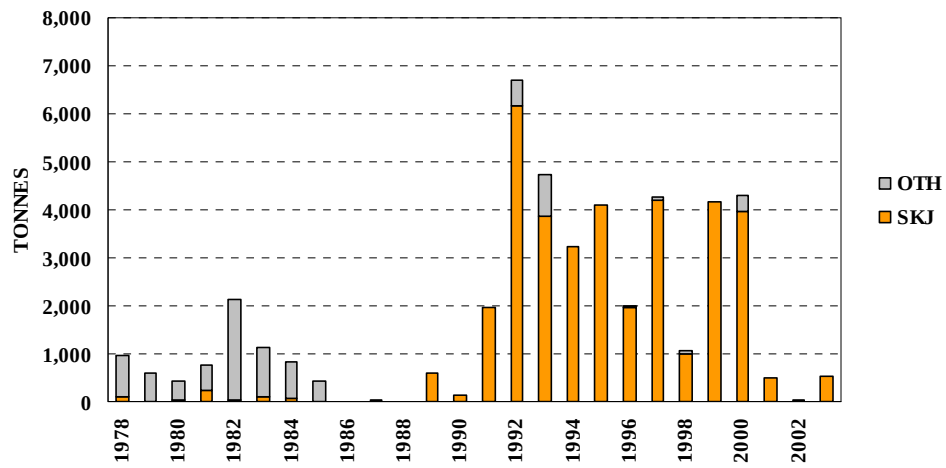


Figure 66. Catches (tonnes) of skipjack (SKJ) and other species (OTH) by Australian purse seiners, inside the AFZ



Figure 67. Australian purse-seiner catch, 2003

PURSE SEINE: AUSTRALIA, OUTSIDE THE AUSTRALIAN FISHING ZONE

Table 37. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Australian purse seiners outside the Australian Fishing Zone (AFZ)

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1988	3	36	101	2.81	77	26	0.72	20	4	...	3	...	131	3.64
1989	1	22	148	6.73	91	15	0.68	9	0	...	0	...	163	7.41
1990	8	...	3,543	8.80	79	866	2.50	19	87	...	2	10	4,506	11.30
1991	6	...	3,876	10.60	72	1,222	3.70	23	131	...	2	140	5,369	14.70
1992	2	145	437	3.01	41	561	3.87	53	64	...	6	3	1,065	7.34
1993	1	163	1,311	8.04	77	347	2.13	20	52	...	3	...	1,710	10.49

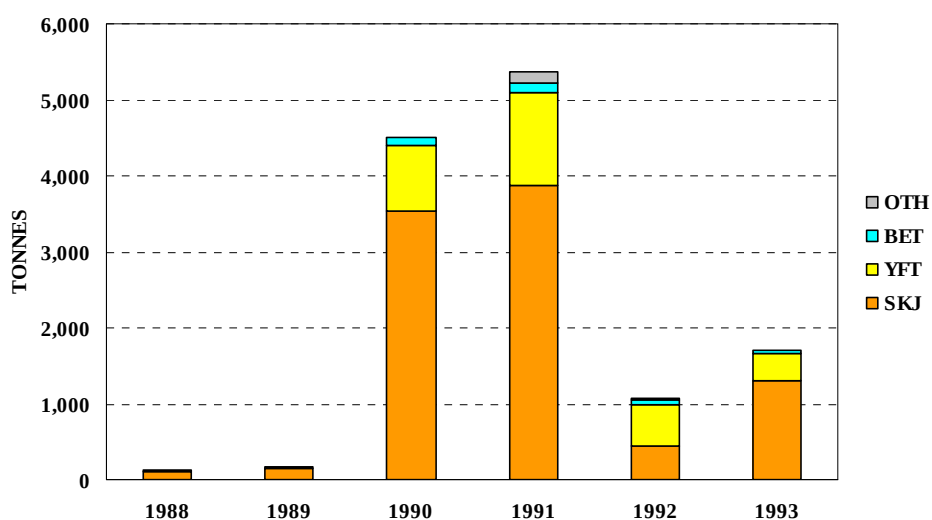


Figure 68. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Australian purse seiners, outside the AFZ

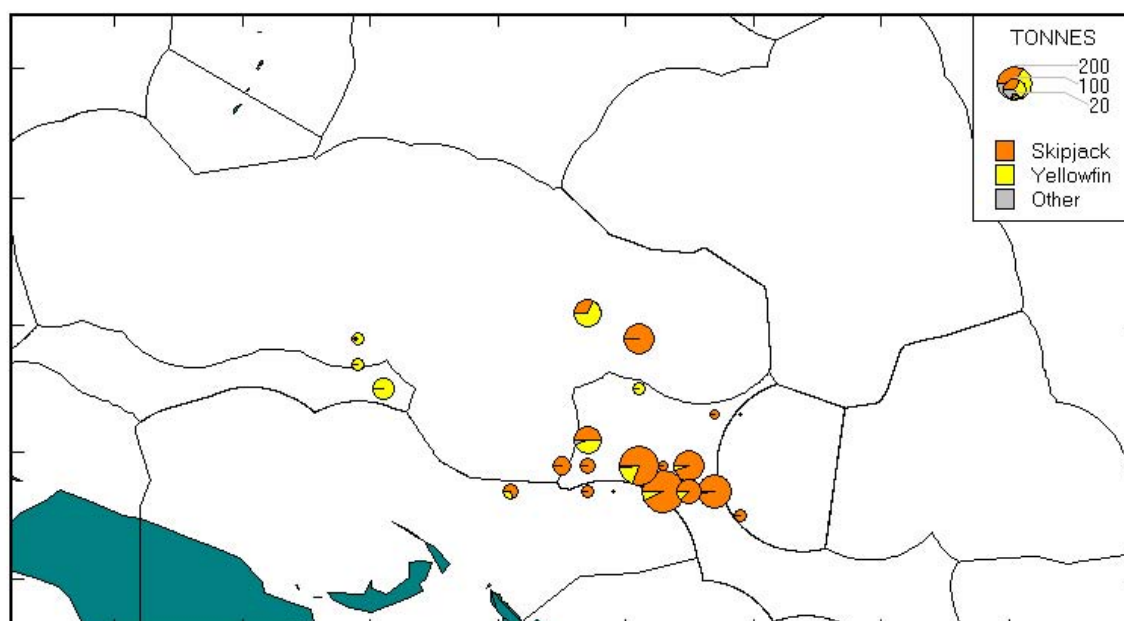


Figure 69. Australian distant-water purse-seiner catch, 1993

PURSE SEINE: CHINA

Table 38. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Chinese purse seiners in the WCPO

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
2001	1	210	2,750	13.10	89	340	1.62	11	...	...	...	...	3,090	14.71
2002	3	420	7,713	18.36	90	798	1.90	9	45	0.11	1	...	8,556	20.37
2003	4	...	20,284	21.54	86	3,286	3.41	14	91	...	0	...	23,661	25.04

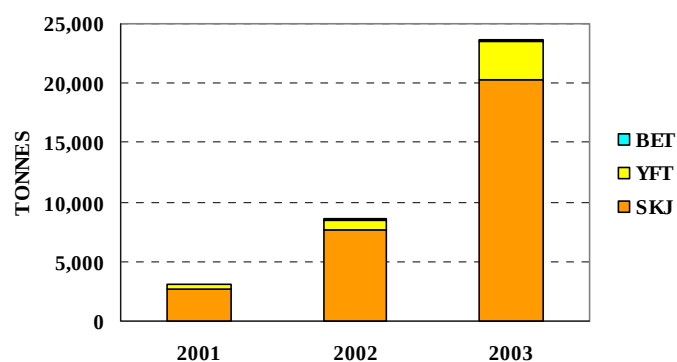


Figure 70. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Chinese purse seiners

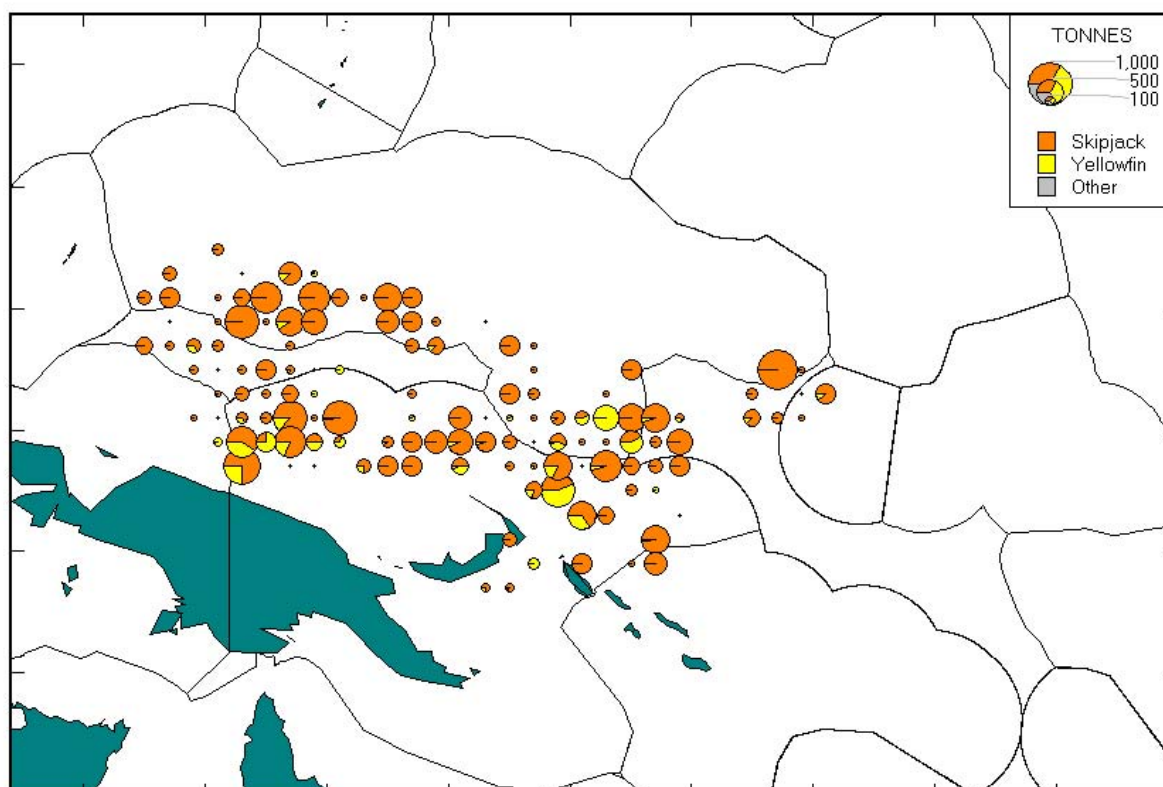


Figure 71. Chinese purse-seiner catch, 2003

PURSE SEINE: FEDERATED STATES OF MICRONESIA

Table 39. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Federated States of Micronesia purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1991	6	...	8,448	5.25	73	2,624	2.13	23	243	...	2	188	11,503	7.56
1992	7	...	11,657	14.83	75	3,360	5.11	22	315	...	2	169	15,501	20.45
1993	7	...	11,341	10.02	71	4,306	3.81	27	409	...	3	...	16,056	14.20
1994	8	...	17,351	11.72	81	3,871	3.30	18	288	...	1	...	21,510	15.26
1995	6	...	4,216	8.62	67	1,909	3.38	30	161	...	3	...	6,286	12.29
1996	4	...	6,745	14.32	89	739	1.77	10	104	...	1	...	7,588	16.33
1997	4	...	5,501	9.76	66	2,578	5.20	31	245	...	3	...	8,324	15.45
1998	3	...	11,314	15.59	80	2,682	3.39	19	184	...	1	...	14,180	19.22
1999	4	...	6,811	12.39	66	3,186	4.79	31	365	...	4	...	10,362	17.72
2000	5	...	15,253	17.37	74	4,943	5.50	24	334	...	2	...	20,530	23.24
2001	5	...	11,422	11.77	67	5,204	6.09	31	408	...	2	...	17,034	18.34
2002	10	...	15,351	14.67	78	3,958	4.12	20	308	...	2	...	19,617	19.10
2003	10	...	23,788	16.92	80	5,394	3.85	18	374	...	1	...	29,556	21.04

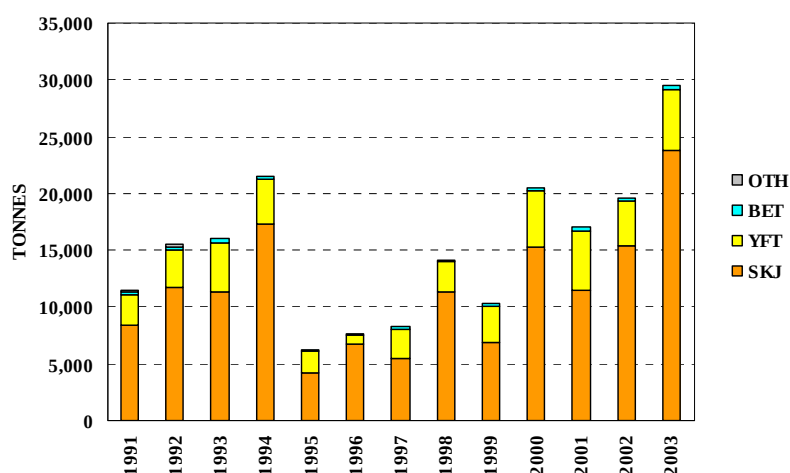


Figure 72. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Federated States of Micronesia purse seiners

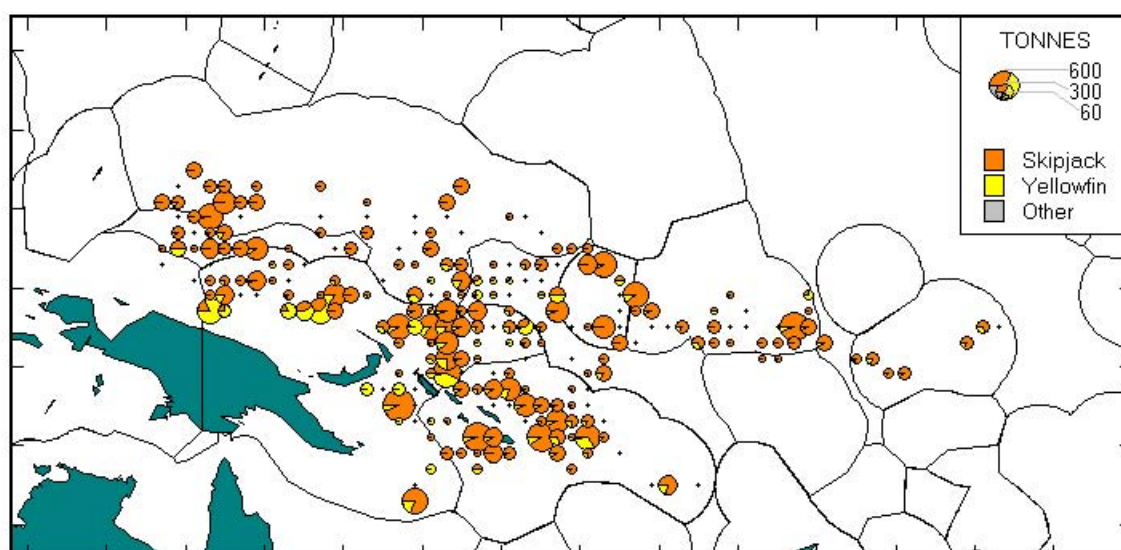


Figure 73. Federated States of Micronesia purse-seiner catch, 2003

PURSE SEINE: INDONESIAN DISTANT-WATER VESSELS

Table 40. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Indonesian distant-water purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1984	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1985	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1986	3	...	7,121	8.70	83	1,366	1.70	16	75	...	1	...	8,562	10.50
1987	3	...	11,050	13.50	84	1,839	2.50	14	281	...	2	...	13,170	16.10
1988	3	...	11,050	13.50	85	1,714	2.30	13	236	...	2	...	13,000	15.80
1989	3	...	10,313	12.60	80	2,141	3.00	17	402	...	3	...	12,856	15.60
1990	...	...	...	...	...	...	...	...	...	...	...	...	...	...

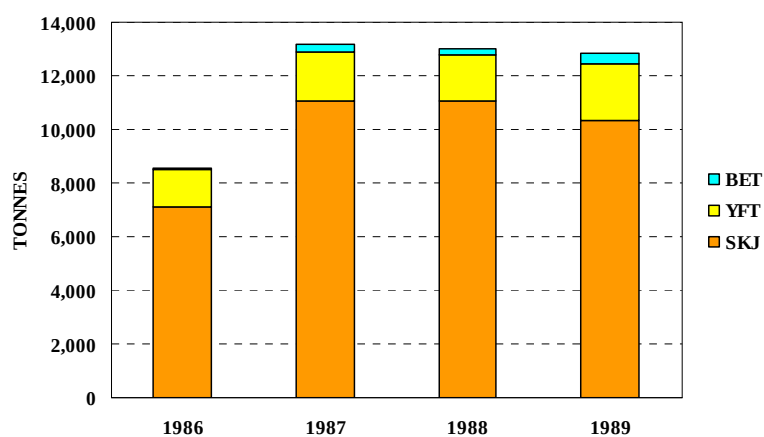


Figure 74. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Indonesian distant-water purse seiners

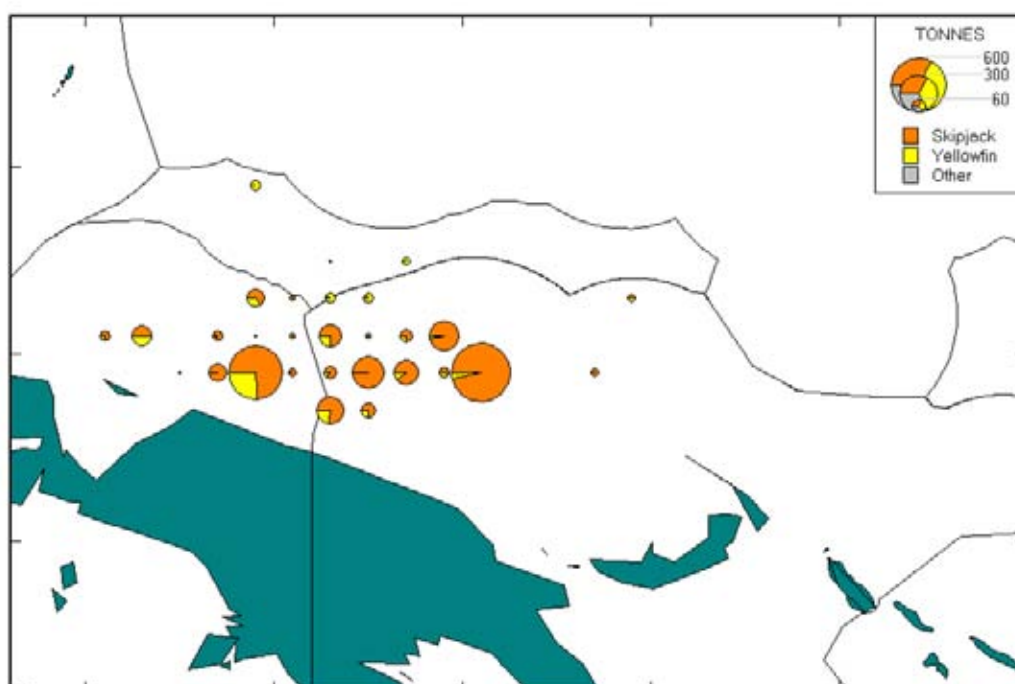


Figure 75. Indonesian distant-water purse-seiner catch, 1989

PURSE SEINE: JAPAN

Table 41. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Japanese purse seiners in the WCPO

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL		
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CATCH	CPUE
1967	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1968	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1969	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1970	6	141	415	2.94	65	223	1.58	35	0	0.00	0	0	638	4.52	...
1971	6	2,028	8,221	4.05	51	3,355	1.65	21	128	0.06	1	4,423	16,127	7.95	...
1972	7	2,561	12,311	4.81	60	5,718	2.23	28	136	0.05	1	2,515	20,680	8.07	...
1973	6	2,723	13,616	5.00	57	7,735	2.84	33	182	0.07	1	2,245	23,778	8.73	...
1974	10	1,998	5,886	2.95	33	9,724	4.87	55	372	0.19	2	1,860	17,842	8.93	...
1975	12	2,265	7,275	3.21	40	5,777	2.55	32	267	0.12	1	4,766	18,085	7.98	...
1976	15	2,529	17,741	7.02	62	7,651	3.03	27	390	0.15	1	2,747	28,529	11.28	...
1977	14	2,232	18,498	8.29	58	6,807	3.05	21	302	0.14	1	6,100	31,707	14.21	...
1978	14	2,429	25,821	10.63	57	8,523	3.51	19	609	0.25	1	10,013	44,966	18.51	...
1979	17	3,622	28,760	7.94	47	19,023	5.25	31	720	0.20	1	12,870	61,373	16.94	...
1980	16	3,716	48,820	13.14	60	20,077	5.40	25	564	0.15	1	12,206	81,667	21.98	...
1981	23	4,736	44,773	9.45	46	27,539	5.81	28	925	0.20	1	25,005	98,242	20.74	...
1982	33	6,103	75,152	12.31	60	31,098	5.10	25	1,131	0.19	1	17,276	124,657	20.43	...
1983	36	8,560	117,038	13.67	71	30,830	3.60	19	1,468	0.17	1	14,827	164,163	19.18	...
1984	33	9,657	128,975	13.36	73	38,662	4.00	22	702	0.07	0	7,448	175,787	18.20	...
1985	35	9,741	119,204	12.24	68	47,941	4.92	27	1,381	0.14	1	7,716	176,242	18.09	...
1986	38	8,985	130,900	14.57	71	44,467	4.95	24	1,531	0.17	1	8,709	185,607	20.66	...
1987	34	9,075	115,455	12.72	67	44,634	4.92	26	1,602	0.18	1	11,569	173,260	19.09	...
1988	39	9,143	183,673	20.09	84	30,125	3.29	14	606	0.07	0	5,006	219,410	24.00	...
1989	37	9,188	122,041	13.28	71	40,872	4.45	24	1,528	0.17	1	8,221	172,662	18.79	...
1990	35	8,321	140,134	16.84	75	37,757	4.54	20	2,122	0.26	1	6,065	186,078	22.36	...
1991	35	7,818	150,156	19.21	72	48,598	6.22	23	1,951	0.25	1	8,241	208,946	26.73	...
1992	38	7,404	140,177	18.93	68	53,099	7.17	26	2,563	0.35	1	8,883	204,722	27.65	...
1993	36	8,451	136,889	16.20	68	57,858	6.85	29	1,903	0.23	1	5,038	201,688	23.87	...
1994	33	7,851	160,151	20.40	76	39,866	5.08	19	1,676	0.21	1	10,004	211,697	26.96	...
1995	31	8,755	143,179	16.35	70	45,183	5.16	22	1,629	0.19	1	14,413	204,404	23.35	...
1996	32	9,362	156,177	16.68	83	24,539	2.62	13	1,494	0.16	1	6,293	188,503	20.13	...
1997	35	9,031	156,904	17.37	67	57,475	6.36	24	8,467	0.94	4	12,674	235,520	26.08	...
1998	35	8,046	230,247	28.62	84	37,712	4.69	14	2,706	0.34	1	4,126	274,791	34.15	...
1999	36	9,368	150,321	16.05	69	43,847	4.68	20	3,523	0.38	2	20,242	217,933	23.26	...
2000	37	9,415	171,638	18.23	74	36,590	3.89	16	4,779	0.51	2	19,571	232,578	24.70	...
2001	36	8,027	169,380	21.10	77	33,737	4.20	15	6,131	0.76	3	10,164	219,412	27.33	...
2002	35	8,311	188,052	22.63	84	19,138	2.30	9	4,587	0.55	2	13,169	224,946	27.07	...
2003	35	8,383	179,375	21.40	82	26,592	3.17	12	4,689	0.56	2	7,370	218,026	26.01	...

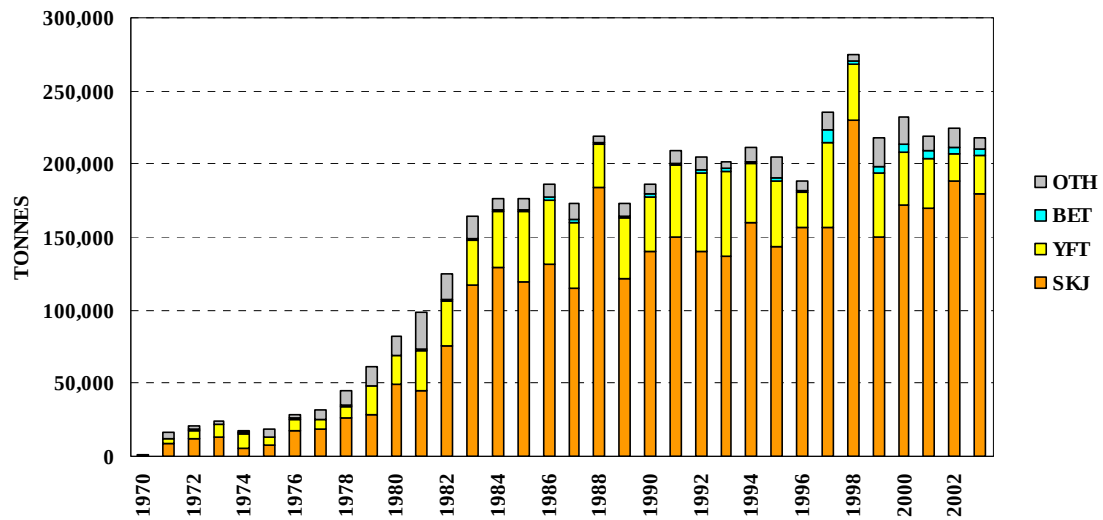


Figure 76. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Japanese purse seiners in the WCPO

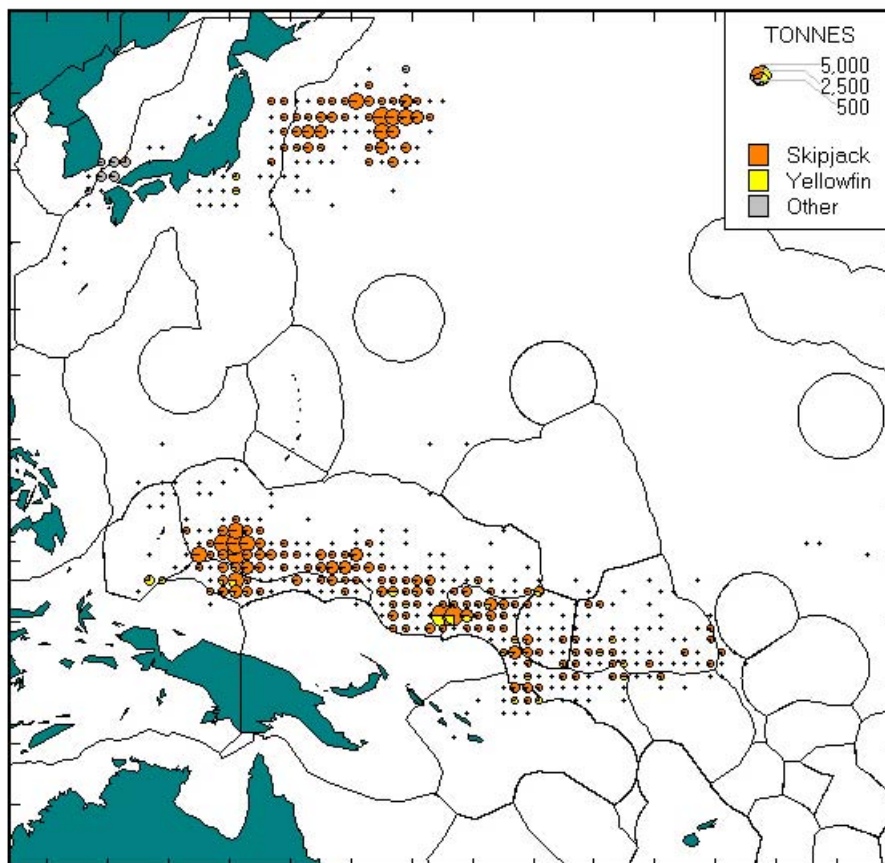


Figure 77. Japanese purse-seiner catch in the WCPO, 2003

PURSE SEINE: KIRIBATI

Table 42. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Kiribati purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1994	1	...	895	12.85	80	202	2.72	18	26	...	2	...	1,123	15.92
1995	1	...	1,961	10.52	65	972	5.22	32	65	...	2	...	2,998	16.09
1996	1	...	4,104	18.76	85	646	3.12	13	69	...	1	...	4,819	22.21
1997	1	...	2,851	7.89	55	2,222	8.33	43	130	...	2	...	5,203	16.72
1998	1	...	5,414	22.18	71	2,064	6.81	27	99	...	1	...	7,577	29.32
1999	1	...	4,493	22.79	74	1,423	6.83	23	157	...	3	...	6,073	30.38
2000	1	...	3,701	15.53	74	1,209	5.02	24	63	...	1	...	4,973	20.81
2001	1	...	3,286	14.60	71	1,220	5.71	26	113	...	2	...	4,619	20.84
2002	1	...	4,261	18.53	80	947	4.31	18	89	...	2	...	5,297	23.24
2003	1	...	3,898	17.50	73	1,322	5.35	25	110	...	2	...	5,330	23.29

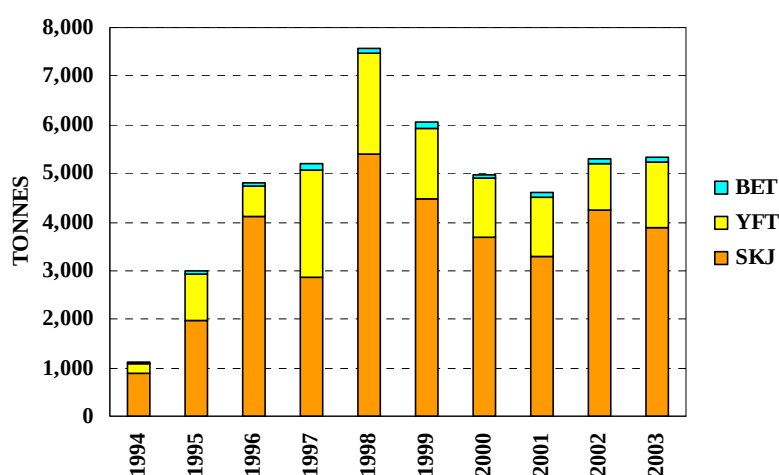


Figure 78. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Kiribati purse seiners

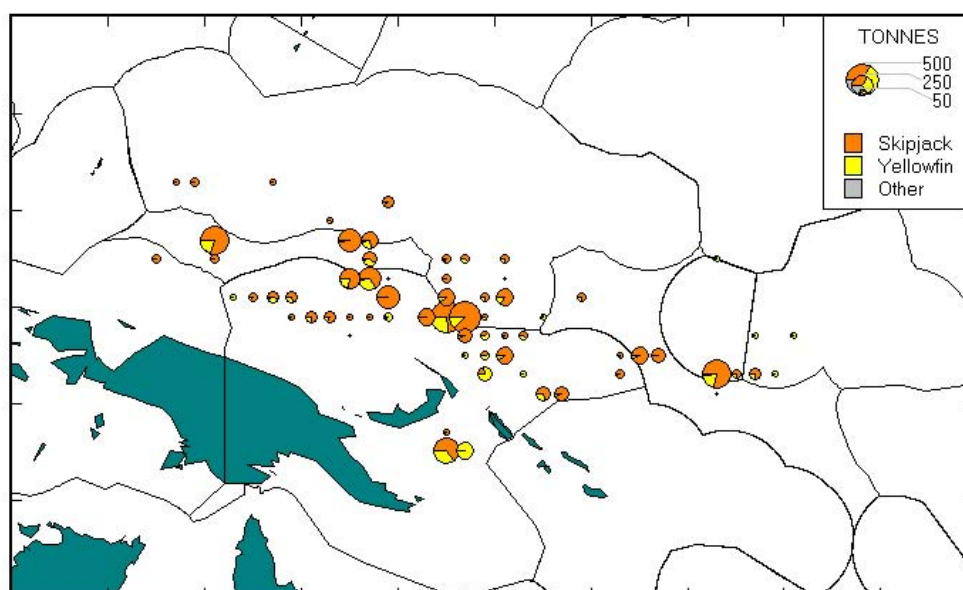


Figure 79. Kiribati purse-seiner catch, 2003

PURSE SEINE: MARSHALL ISLANDS

Table 43. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Marshall Islands purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
2000	5	262	6,625	25.29	88	900	3.44	12	35	0.13	0	...	7,560	28.85
2001	5	1,193	32,583	27.31	91	3,052	2.56	9	139	0.12	0	...	35,774	29.99
2002	5	1,247	37,732	30.26	97	1,132	0.91	3	88	0.07	0	...	38,952	31.24
2003	6	1,550	35,272	22.76	93	2,267	1.46	6	336	0.22	1	...	37,875	24.44

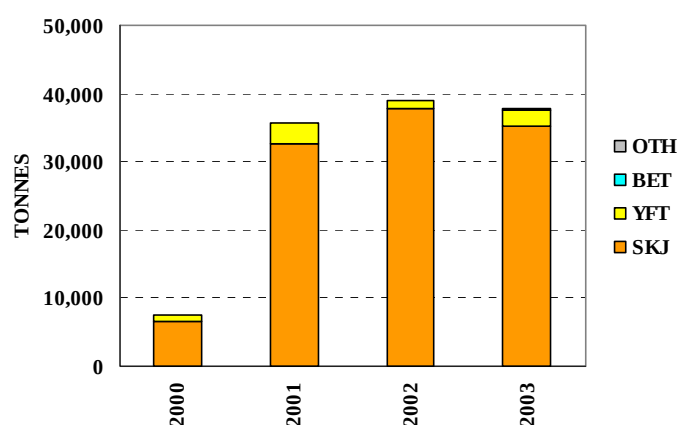


Figure 80. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Marshall Islands purse seiners

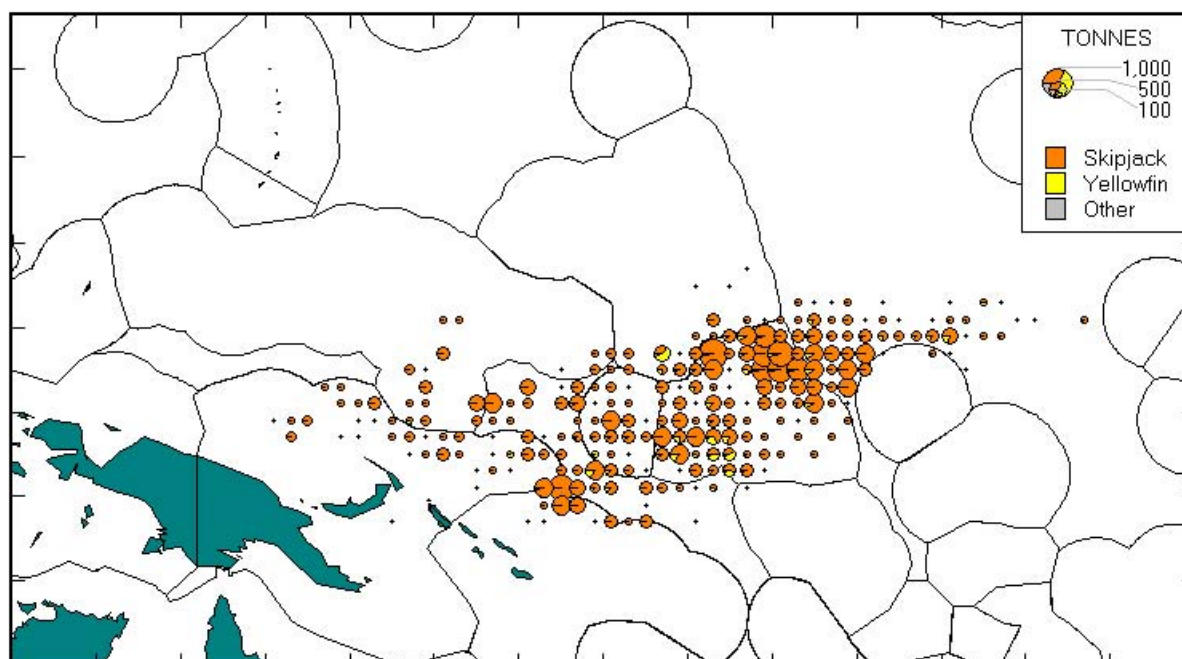


Figure 81. Marshall Islands purse-seiner catch, 2003

PURSE SEINE: MEXICO

Table 44. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Mexican purse seiners in the WCPO

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1983	1	14	388	27.71	83	69	4.93	15	11	0.79	2	0	468	33.43
1984	5	282	4,262	15.11	65	2,036	7.22	31	302	1.07	5	0	6,600	23.40

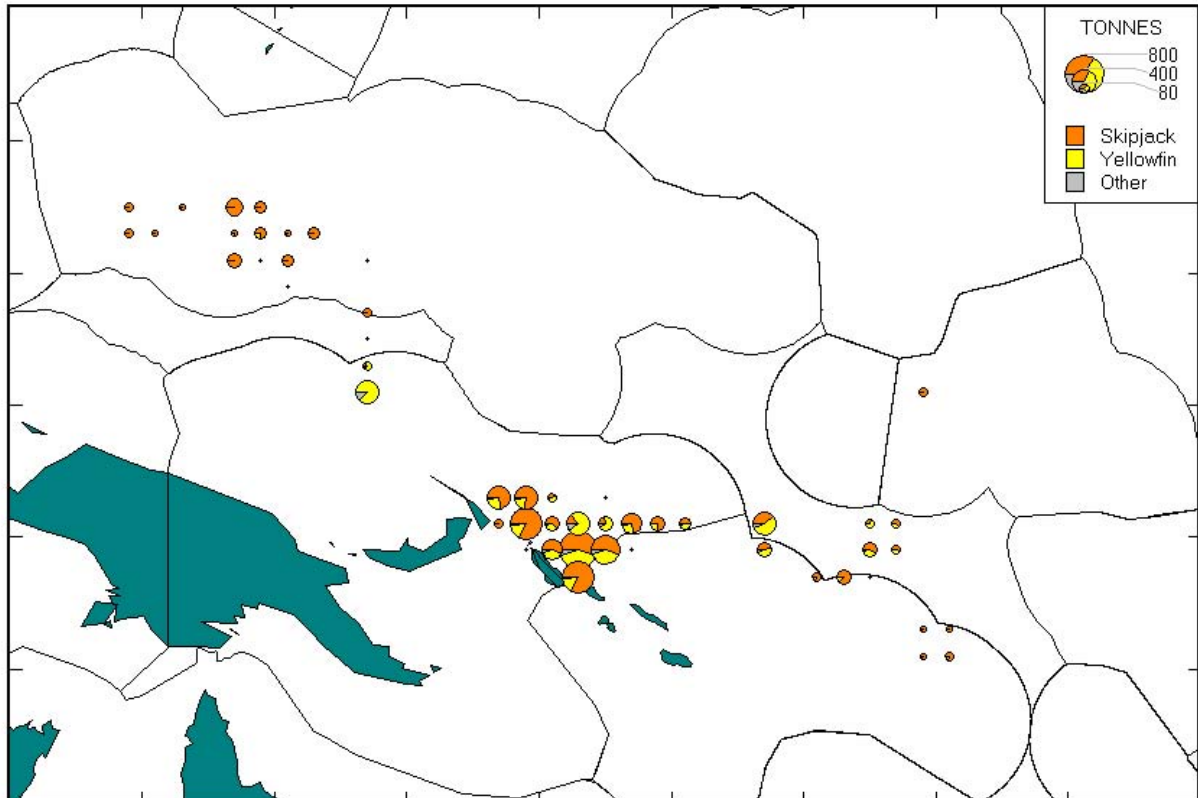


Figure 82. Mexican purse-seiner catch, 1983 and 1984

PURSE SEINE: NEW ZEALAND

Table 45. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for New Zealand purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1983	7	277	5,581	20.15	96	239	0.86	4	0	0.00	0	5	5,825	21.03
1984	5	226	3,999	17.69	91	231	1.02	5	0	0.00	0	159	4,389	19.42
1985	5	164	2,289	13.96	78	170	1.04	6	0	0.00	0	459	2,918	17.79
1986	4	183	4,875	26.64	89	0	0.00	0	0	0.00	0	622	5,497	30.04
1987	3	...	3,763	...	100	0	...	0	...	...	...	...	3,763	...
1988	4	...	3,509	...	100	0	...	0	...	...	...	...	3,509	...
1989	1	...	5,424	...	100	0	...	0	...	...	...	...	5,424	...
1990	9	...	3,959	27.30	100	0	0.00	0	...	...	...	...	3,959	27.59
1991	6	...	5,256	38.23	100	0	0.00	0	...	...	...	...	5,256	38.23
1992	7	...	985	23.28	100	0	0.00	0	...	...	...	...	985	23.39
1993	5	...	937	31.18	100	0	0.00	0	...	...	...	...	937	31.21
1994	7	...	3,088	26.25	100	0	0.00	0	...	...	...	...	3,088	26.25
1995	6	...	1,654	26.65	100	0	0.00	0	...	...	...	...	1,654	26.65
1996	6	...	3,492	28.07	100	5	0.06	0	...	...	...	...	3,497	28.13
1997	7	...	6,510	41.40	100	0	0.00	0	...	...	...	...	6,510	41.40
1998	6	...	8,118	38.16	100	0	0.00	0	...	...	...	...	8,118	38.16
1999	6	...	5,656	34.59	100	0	0.00	0	...	...	...	...	5,656	34.59
2000	8	...	12,759	34.00	94	776	2.43	6	100	...	1	...	13,635	36.43
2001	11	...	8,300	24.79	90	834	2.61	9	121	...	1	...	9,255	27.41
2002	11	...	16,870	20.13	84	3,097	3.87	15	175	...	1	...	20,142	24.00
2003	9	...	18,346	18.11	84	3,134	3.23	14	384	...	2	...	21,864	21.34

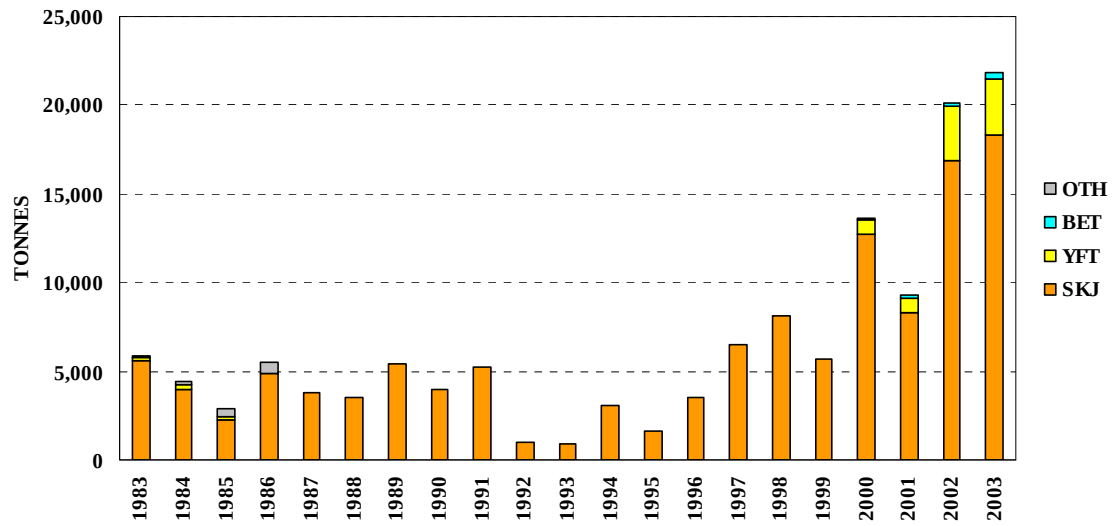


Figure 83. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by New Zealand purse seiners

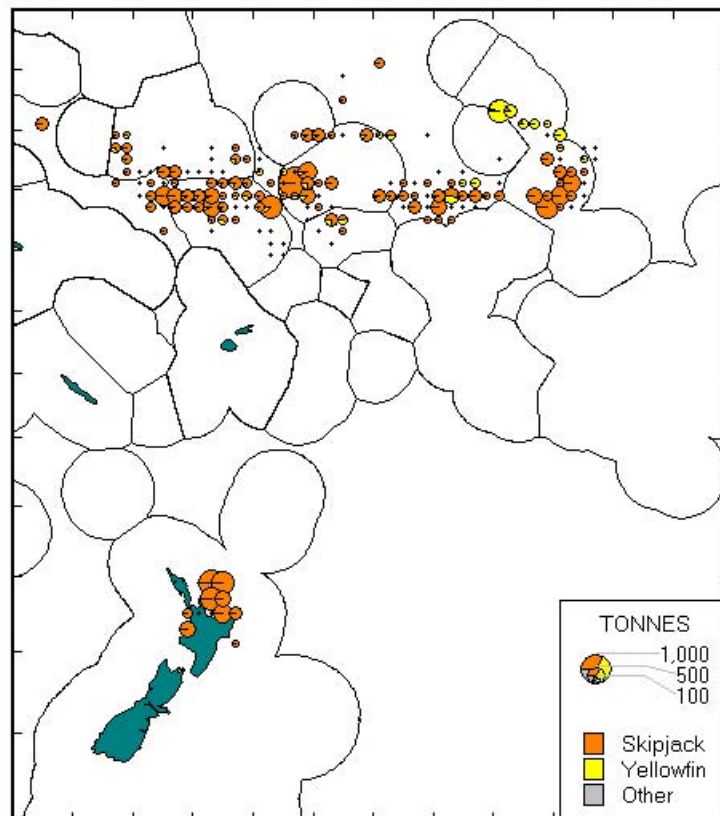


Figure 84. New Zealand purse-seiner catch, 2002

PURSE SEINE: PAPUA NEW GUINEA

Table 46. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Papua New Guinea purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1994	2	49	987	20.14	73	344	7.02	25	20	0.41	1	0	1,351	27.57
1995	3	698	9,404	13.47	73	2,958	4.24	23	164	0.23	1	365	12,891	18.47
1996	4	323	9,341	28.90	90	951	2.94	9	45	0.14	0	0	10,337	31.98
1997	10	2,118	11,396	5.38	60	6,470	3.05	34	988	0.47	5	1	18,855	8.90
1998	13	2,285	36,356	15.91	72	12,204	5.34	24	1,540	0.67	3	49	50,149	21.95
1999	17	1,860	29,197	15.70	73	8,049	4.33	20	1,055	0.57	3	1,574	39,875	21.44
2000	20	2,933	53,123	18.11	77	13,211	4.50	19	1,293	0.44	2	1,672	69,299	23.63
2001	22	4,518	66,652	14.75	72	24,207	5.36	26	2,226	0.49	2	69	93,154	20.62
2002	26	4,765	90,873	19.07	75	27,099	5.69	22	3,362	0.71	3	287	121,621	25.52
2003	28	6,628	121,448	18.32	77	33,731	5.09	21	2,681	0.40	2	46	157,906	23.82

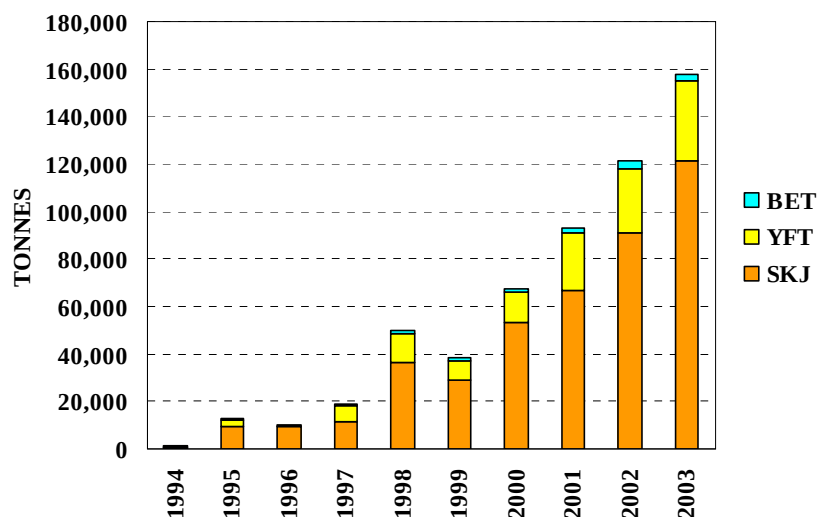


Figure 85. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Papua New Guinea purse seiners

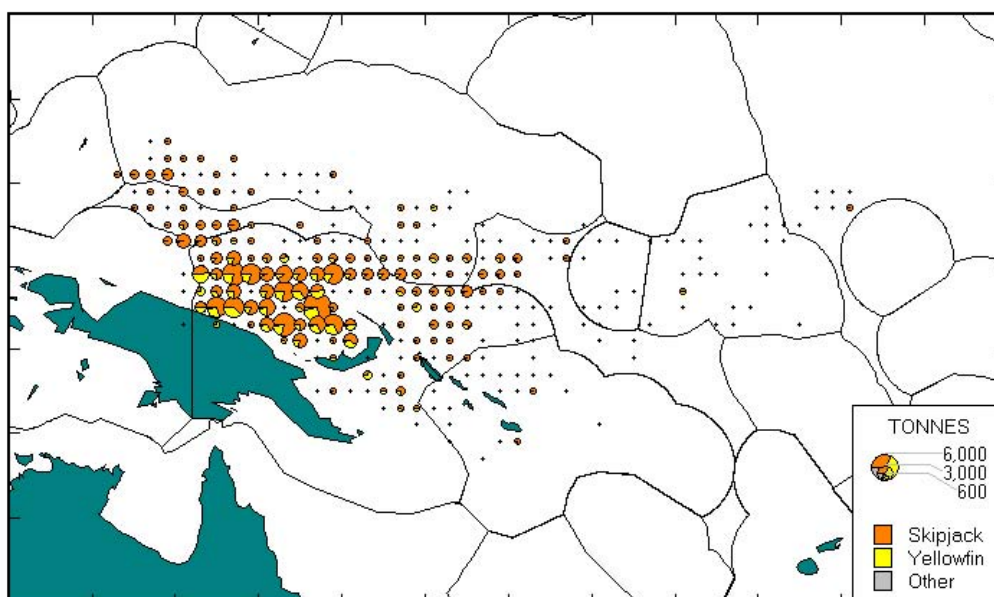


Figure 86. Papua New Guinea purse-seiner catch, 2003

PURSE SEINE: PHILIPPINES

Table 47. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Philippines distant-water purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CPUE
1982	1	118	766	6.49	58	417	3.53	31	58	...	4	90	1,331	11.28
1983	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1984	3	276	775	2.81	48	738	2.67	46	108	...	7	...	1,621	5.87
1985	5	388	9,148	23.58	73	2,890	7.45	23	441	...	4	...	12,479	32.16
1986	5	211	6,989	33.12	81	1,414	6.70	16	216	...	3	...	8,619	40.85
1987	5	693	12,035	17.37	76	3,355	4.84	21	512	...	3	...	15,902	22.95
1988	9	817	8,356	10.23	70	3,124	3.82	26	304	...	3	105	11,889	14.55
1989	13	1,671	16,668	9.97	66	6,435	3.85	25	1,221	...	5	929	25,253	15.11
1990	13	1,811	16,466	9.09	69	6,675	3.69	28	860	...	4	29	24,030	13.27
1991	15	1,891	17,529	9.27	66	8,103	4.29	30	910	...	3	145	26,687	14.11
1992	12	...	25,888	9.93	67	11,154	3.27	29	1,797	...	5	...	38,839	13.77
1993	12	...	20,225	9.79	68	8,327	2.71	28	1,182	...	4	...	29,734	12.86
1994	11	...	14,742	12.07	75	4,347	3.81	22	570	...	3	...	19,659	16.20
1995	13	...	19,810	12.78	71	6,736	3.33	24	1,327	...	5	...	27,873	16.62
1996	12	...	24,767	11.84	73	8,460	3.12	25	813	...	2	...	34,040	15.25
1997	12	...	22,553	8.95	64	11,363	2.68	32	1,102	...	3	...	35,018	11.89
1998	13	...	32,071	9.82	73	10,793	2.53	25	990	...	2	...	43,854	12.59
1999	10	1,876	24,533	13.08	78	6,286	3.35	20	605	0.32	2	19	31,443	16.76
2000	9	1,891	27,748	14.67	78	7,096	3.75	20	673	0.36	2	15	35,532	18.79
2001	10	1,735	15,421	8.89	60	9,465	5.46	37	801	0.46	3	12	25,699	14.81
2002	11	1,681	19,569	11.64	72	7,018	4.17	26	624	0.37	2	32	27,243	16.21
2003	10	...	24,339	10.66	76	6,992	3.57	22	544	...	2	50	31,925	14.64

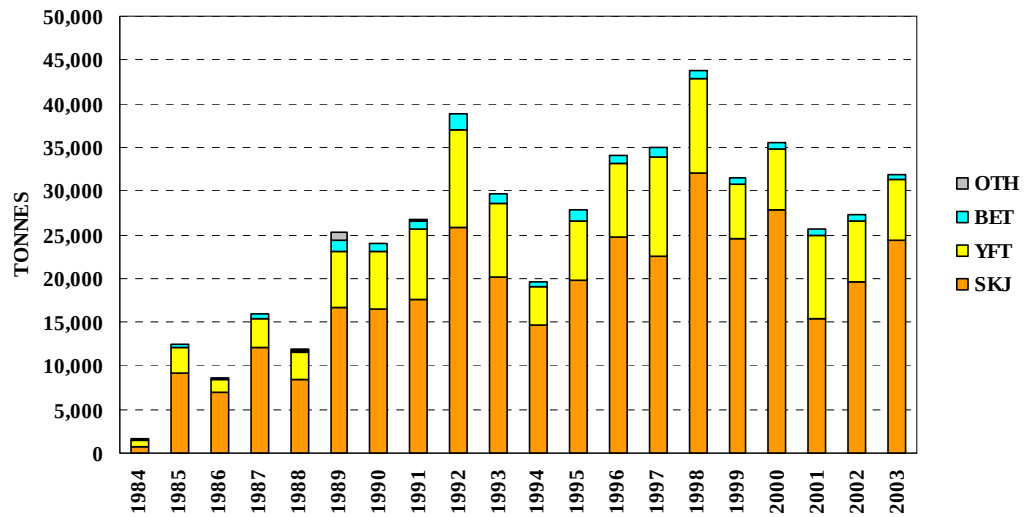


Figure 87. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Philippines distant-water purse seiners

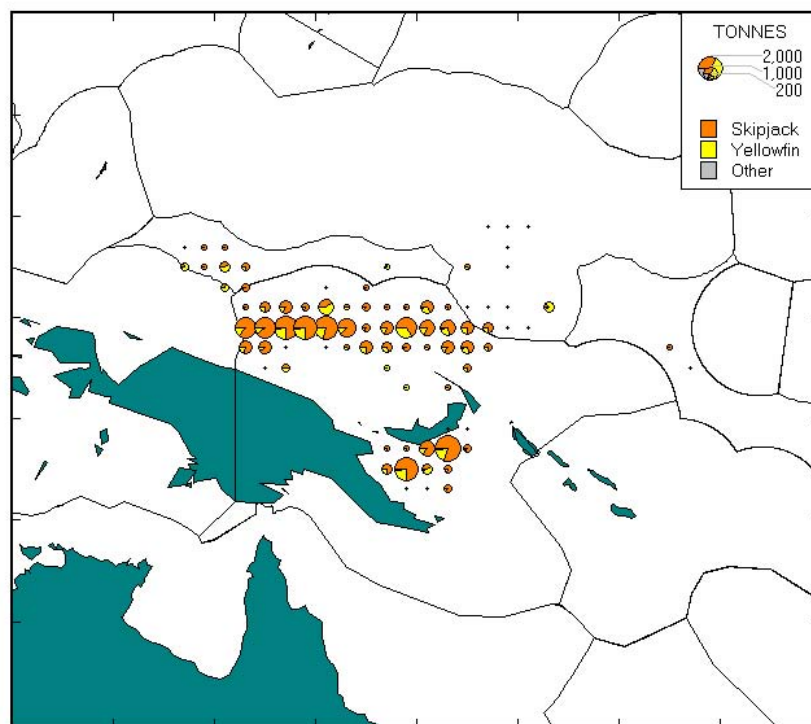


Figure 88. Philippines distant-water purse-seiner catch, 2003

PURSE SEINE: REPUBLIC OF KOREA

Table 48. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Korean purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1980	2	...	476	...	88	63	...	12	5	...	1	...	544	...
1981	3	...	1,462	...	72	539	...	26	43	...	2	...	2,044	...
1982	10	...	10,167	...	83	1,772	...	15	270	...	2	...	12,209	...
1983	11	...	15,417	...	95	699	...	4	100	...	1	...	16,216	...
1984	12	...	13,767	...	97	362	...	3	54	...	0	...	14,183	...
1985	11	...	9,655	...	86	1,463	...	13	161	...	1	...	11,279	...
1986	13	...	25,305	...	91	2,263	...	8	164	...	1	...	27,732	...
1987	20	...	40,918	...	70	16,472	...	28	1,321	...	2	41	58,752	...
1988	23	...	64,032	...	81	14,323	...	18	1,042	...	1	...	79,397	...
1989	30	...	80,903	...	70	32,897	...	28	1,869	...	2	85	115,754	...
1990	39	...	138,460	...	80	32,841	...	19	2,042	...	1	...	173,343	...
1991	36	...	171,951	...	76	52,994	...	23	2,426	...	1	147	227,518	...
1992	36	...	115,290	...	63	62,570	...	34	4,427	...	2	...	182,287	...
1993	34	...	73,989	...	58	50,178	...	40	2,481	...	2	...	126,648	...
1994	32	...	145,541	30.89	75	47,201	8.20	24	2,262	...	1	...	195,004	39.50
1995	30	...	137,848	34.46	79	35,310	8.29	20	2,306	...	1	...	175,464	43.31
1996	28	...	129,888	17.35	87	18,030	2.36	12	898	...	1	...	148,816	19.83
1997	27	...	121,468	16.35	76	35,264	6.33	22	2,241	...	1	...	158,973	23.09
1998	26	...	136,279	22.96	68	58,354	9.31	29	1,644	...	1	4,628	200,905	32.53
1999	26	...	110,317	16.55	78	30,058	4.61	21	1,471	...	1	...	141,846	21.39
2000	26	...	141,421	22.74	83	27,878	4.84	16	726	...	0	...	170,025	27.70
2001	26	...	143,716	21.07	81	33,860	6.32	19	496	...	0	...	178,072	27.49
2002	26	...	176,595	26.97	86	28,533	3.23	14	974	...	0	48	206,150	30.31
2003	27	...	153,312	23.03	80	36,478	5.53	19	662	...	0	...	190,452	28.66

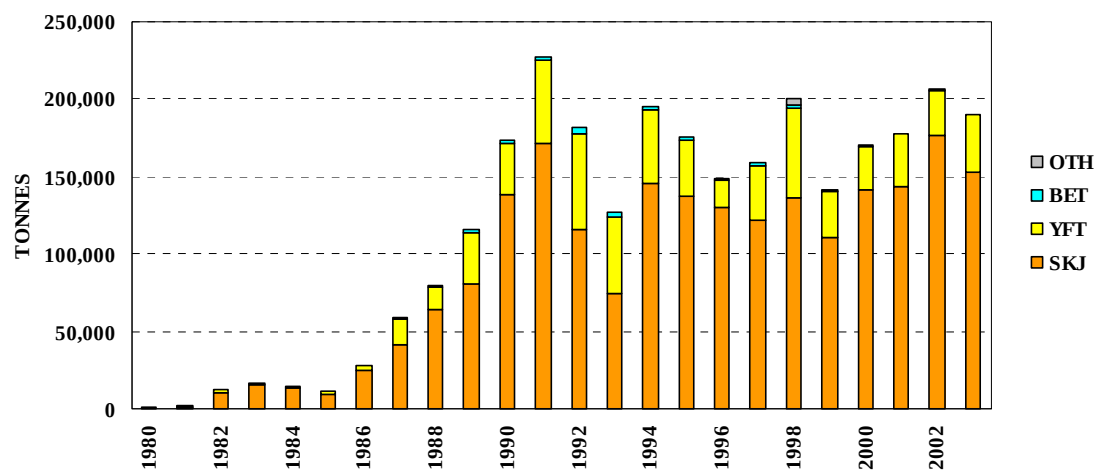


Figure 89. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Korean purse seiners

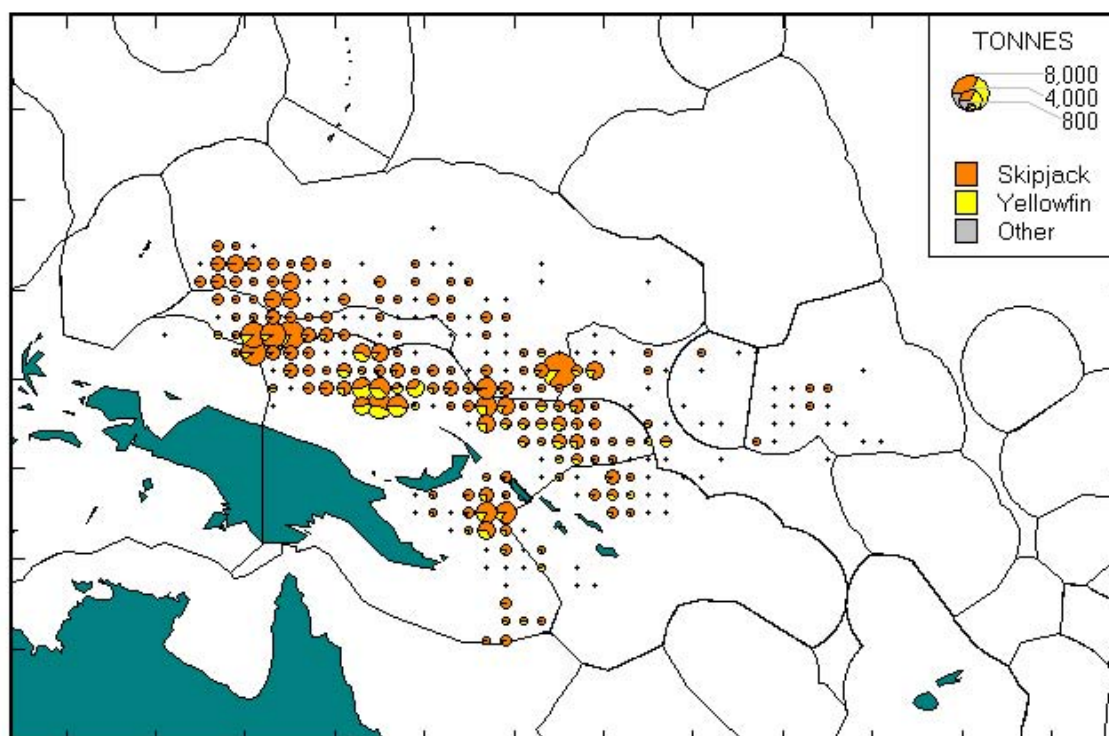


Figure 90. Korean purse-seiner catch, 2003

PURSE SEINE: RUSSIA

Table 49. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Russian purse seiners in the WCPO

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1985	5	344	1,604	4.66	76	507	1.47	24	0	...	...	...	2,111	6.14
1986	8	593	3,743	6.31	89	428	0.72	10	4	...	...	16	4,191	7.07
1987	5	738	5,614	7.61	62	3,351	4.54	37	30	...	...	15	9,010	12.21
1988	5	568	5,339	9.40	86	843	1.48	14	7	...	...	...	6,189	10.90
1989	5	385	3,400	8.83	69	1,521	3.95	31	14	...	...	...	4,935	12.82
1990	5	318	1,505	4.73	69	616	1.94	28	5	...	...	41	2,167	6.81
1991	4	218	2,601	11.93	70	1,104	5.06	30	10	...	...	...	3,715	17.04
1992	3	197	1,689	8.57	79	433	2.20	20	4	...	...	...	2,126	10.79
1993	8	643	5,499	8.55	63	3,187	4.96	37	28	...	...	...	8,714	13.55
1994	4	170	3,310	19.47	49	3,382	19.89	50	30	...	...	3	6,725	39.56

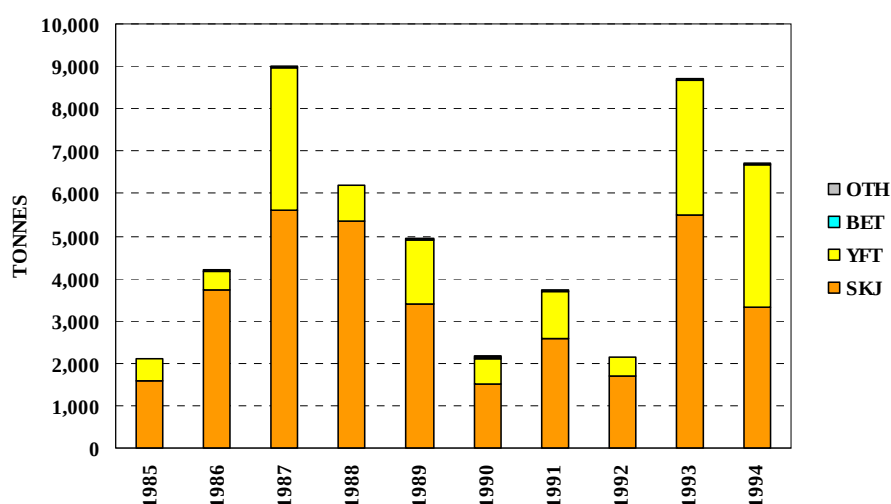


Figure 91. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Russian purse seiners in the WCPO

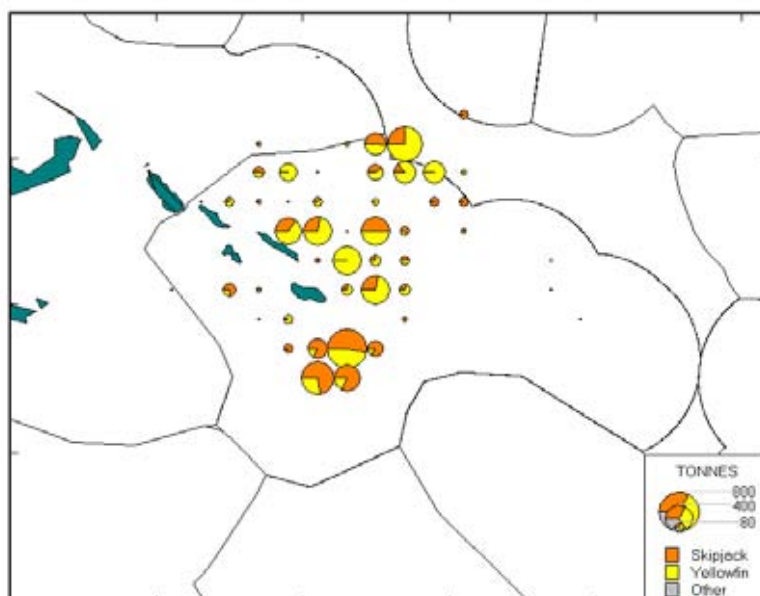


Figure 92. Russian purse-seiner catch, 1994

PURSE SEINE: SOLOMON ISLANDS

Table 50. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Solomon Islands purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CPUE
1980	1	60	497	8.28	52	393	6.55	41	56	0.93	6	16	962	16.03
1981	1	129	1,486	11.52	52	1,173	9.09	41	169	1.31	6	45	2,873	22.27
1982	1	127	1,598	12.58	52	1,263	9.94	41	181	1.43	6	49	3,091	24.34
1983	1	173	2,800	16.18	52	2,212	12.79	41	318	1.84	6	85	5,415	31.30
1984	1	178	3,050	17.13	56	2,096	11.78	38	301	1.69	6	...	5,447	30.60
1985	1	188	2,824	15.02	49	2,507	13.34	44	375	1.99	7	57	5,763	30.65
1986	1	177	3,267	18.46	55	1,978	11.18	33	280	1.58	5	418	5,943	33.58
1987	2	217	3,580	16.50	43	3,329	15.34	40	508	2.34	6	868	8,285	38.18
1988	4	311	6,467	20.79	58	3,867	12.43	34	377	1.21	3	510	11,221	36.08
1989	4	327	5,923	18.11	58	3,607	11.03	35	688	2.10	7	72	10,290	31.47
1990	4	328	4,417	13.47	54	3,242	9.88	40	426	1.30	5	85	8,170	24.91
1991	3	255	7,056	27.67	66	3,271	12.83	31	368	1.44	3	24	10,719	42.04
1992	3	402	5,993	14.91	54	4,384	10.91	39	709	1.76	6	93	11,179	27.81
1993	3	371	4,655	12.55	41	4,930	13.29	43	733	1.98	6	1,053	11,371	30.65
1994	3	389	7,648	19.66	60	4,527	11.64	35	593	1.52	5	0	12,768	32.82
1995	3	437	11,212	25.66	63	5,524	12.64	31	1,091	2.50	6	18	17,845	40.84
1996	3	636	7,270	11.43	44	8,595	13.51	52	706	1.11	4	17	16,588	26.08
1997	4	902	15,947	17.68	66	7,445	8.25	31	712	0.79	3	7	24,111	26.73
1998	4	836	16,573	19.82	71	6,243	7.47	27	505	0.60	2	18	23,339	27.92
1999	5	1,000	17,291	17.29	68	7,333	7.33	29	596	0.60	2	150	25,370	25.37
2000	5	327	6,159	18.83	68	2,644	8.09	29	208	0.64	2	95	9,106	27.85
2001	2	452	8,022	17.75	63	4,317	9.55	34	404	0.89	3	0	12,743	28.19
2002	2	...	4,884	10.82	60	2,913	7.13	36	283	...	4	...	8,080	19.03
2003	3	...	8,874	...	58	5,745	...	38	559	...	4	...	15,178	...

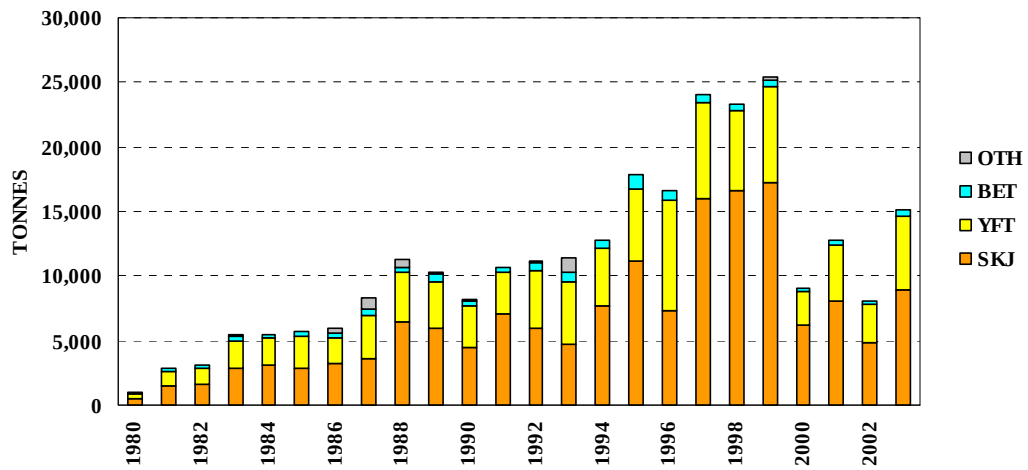


Figure 93. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Solomon Islands purse seiners

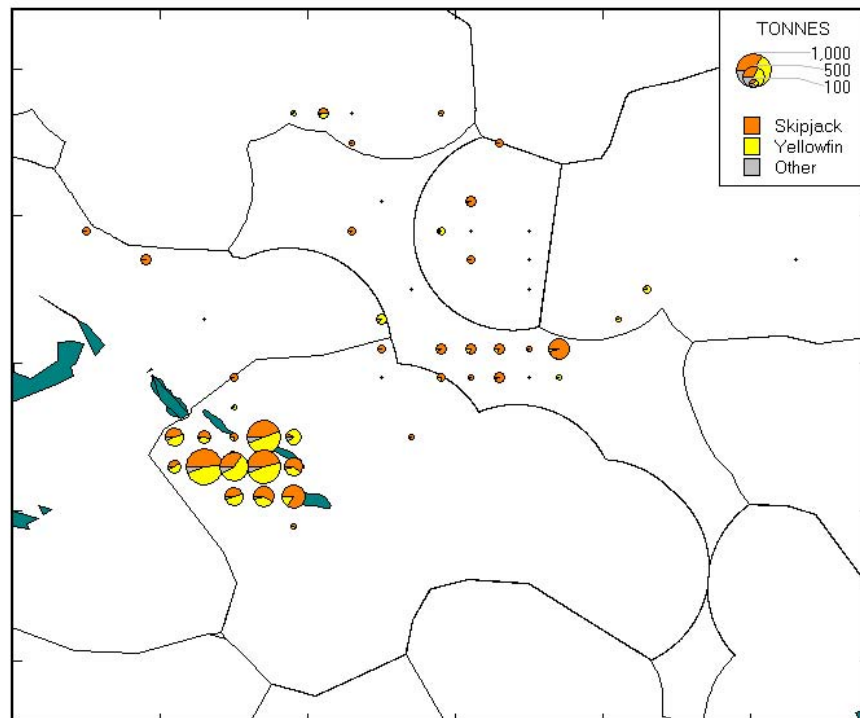


Figure 94. Solomon Islands purse-seiner catch, 2002

PURSE SEINE: SPAIN

Table 51. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Spanish purse seiners in the WCPO

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1999	8	154	5,670	36.82	66	1,506	9.78	17	1,437	9.33	17	0	8,613	55.93
2000	12	325	6,427	19.78	50	2,825	8.69	22	3,644	11.21	28	2	12,898	39.69
2001	6	...	1,201	...	50	467	...	19	734	...	31	...	2,402	...
2002	1	5	142	28.40	66	24	4.80	11	48	9.60	22	0	214	42.80
2003	...	...	...	...	...	...	...	...	...	...	...	...	...	...

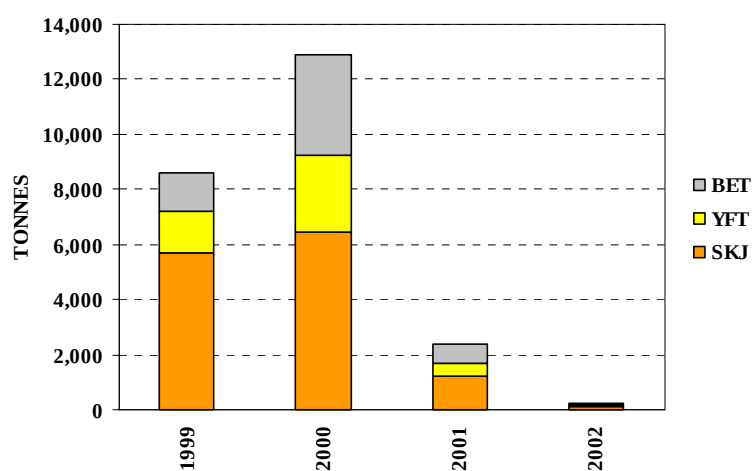


Figure 95. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Spanish purse seiners in the WCPO

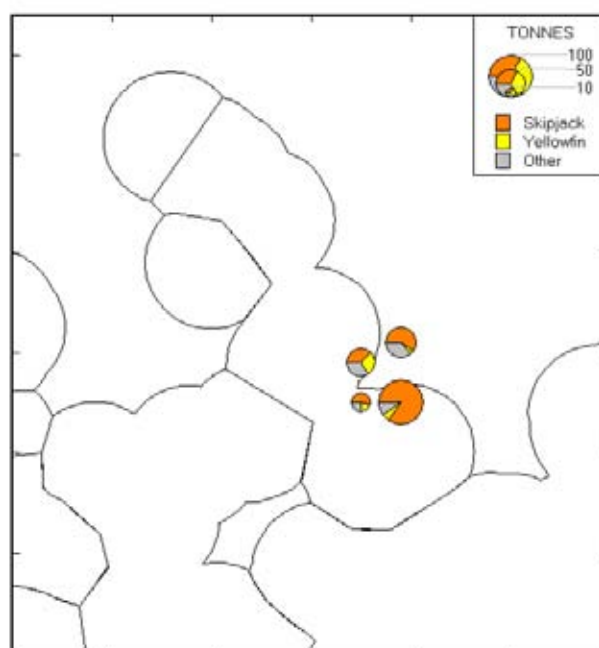


Figure 96. Spanish purse-seiner catch in the WCPO, 2002

PURSE SEINE: CHINESE TAIPEI

Table 52. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Chinese Taipei purse seiners

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CPUE
1983	3	...	9,840	...	82	1,884	...	16	276	...	2	...	12,000	...
1984	6	...	20,160	...	84	3,413	...	14	427	...	2	...	24,000	...
1985	7	...	23,520	...	84	3,972	...	14	508	...	2	...	28,000	...
1986	10	...	34,400	...	86	4,876	...	12	724	...	2	...	40,000	...
1987	13	...	44,720	...	86	6,325	...	12	955	...	2	...	52,000	...
1988	19	...	66,880	...	88	8,341	...	11	779	...	1	...	76,000	...
1989	25	...	84,800	...	84	13,732	...	14	2,268	...	2	...	100,800	...
1990	32	...	104,960	...	82	20,494	...	16	2,546	...	2	...	128,000	...
1991	39	...	140,800	...	80	32,026	...	18	3,174	...	2	...	176,000	...
1992	45	...	169,400	...	77	46,275	...	21	4,325	...	2	...	220,000	...
1993	43	...	109,324	10.25	64	58,642	4.44	34	2,733	...	2	...	170,699	14.90
1994	43	...	134,736	14.73	75	43,061	4.86	24	1,762	...	1	...	179,559	19.79
1995	42	...	147,831	16.20	81	33,156	3.65	18	1,508	...	1	...	182,495	20.02
1996	42	...	161,407	17.41	90	16,951	1.34	9	797	...	0	...	179,155	18.82
1997	42	...	116,073	11.91	69	48,189	4.85	29	2,934	...	2	...	167,196	17.08
1998	42	...	193,728	21.20	75	63,581	7.10	25	1,384	...	1	...	258,693	28.49
1999	42	...	160,453	15.98	78	41,905	4.03	20	3,372	...	2	...	205,730	20.36
2000	42	...	194,499	21.83	83	38,579	4.29	16	1,900	...	1	...	234,978	26.25
2001	41	...	182,531	21.67	79	45,853	5.41	20	2,284	...	1	...	230,668	27.23
2002	41	...	229,415	26.30	89	26,068	2.94	10	2,643	...	1	...	258,126	29.41
2003	36	...	169,492	20.59	84	29,058	3.66	14	2,767	...	1	...	201,317	24.43

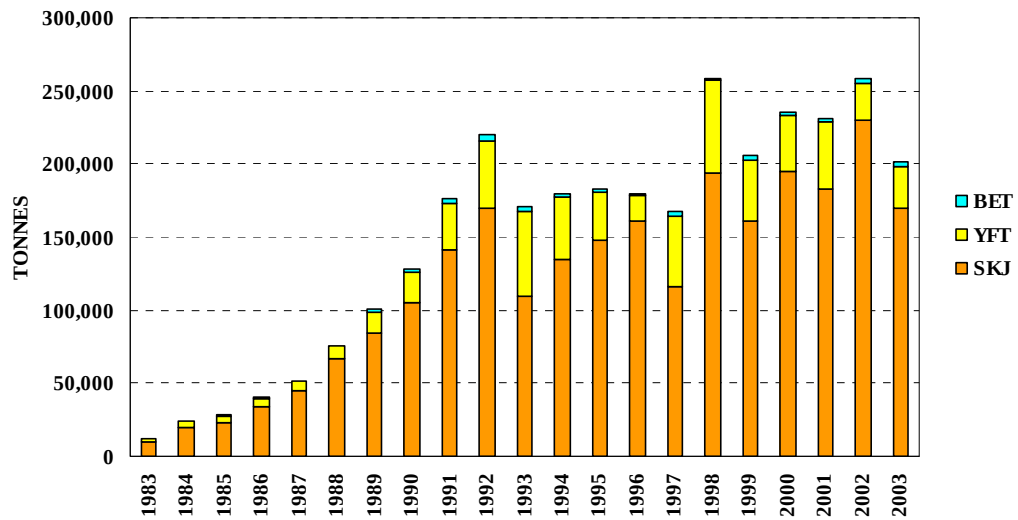


Figure 97. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Chinese Taipei purse seiners

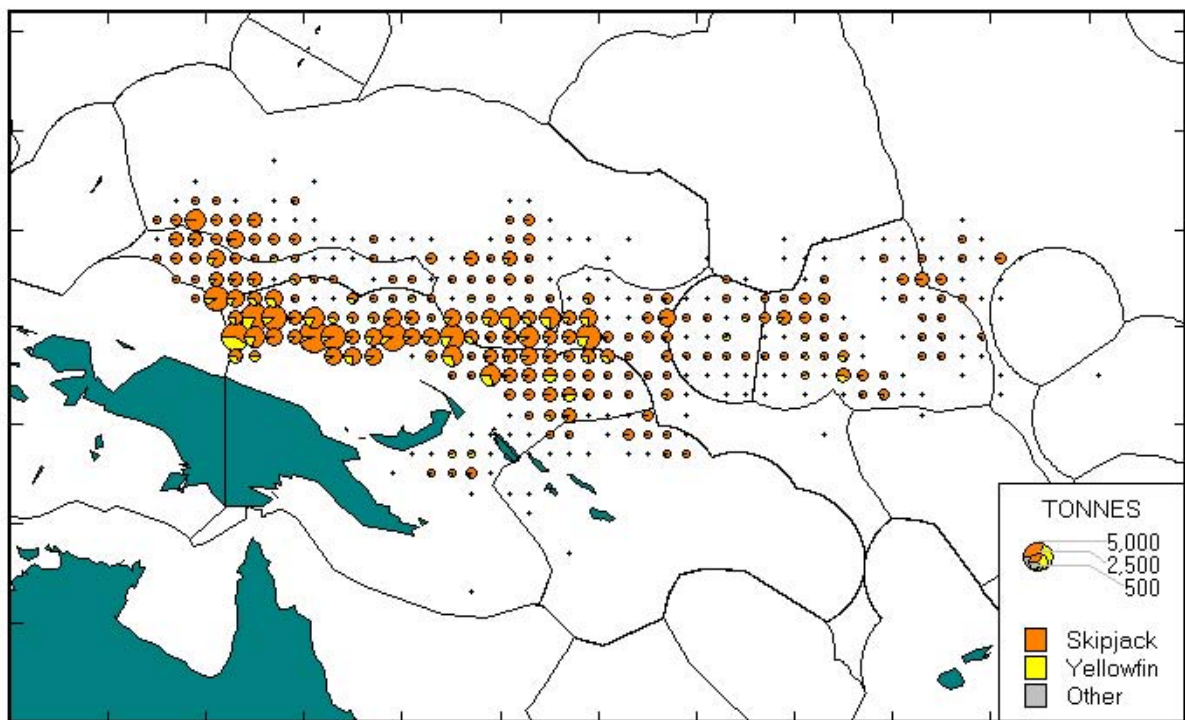


Figure 98. Chinese Taipei purse-seiner catch, 2003

PURSE SEINE: UNITED STATES OF AMERICA

Table 53. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for United States purse seiners in the WCPO

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL		
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CATCH	CPUE
1976	3	...	500	...	71	188	...	27	12	...	2	...	700	...	...
1977	1	...	700	...	78	188	...	21	12	...	1	...	900	...	...
1978	2	...	800	...	80	188	...	19	12	...	1	...	1,000	...	...
1979	8	...	8,000	...	93	581	...	7	39	...	0	20	8,640	...	...
1980	14	...	9,900	...	90	1,023	...	9	77	...	1	...	11,000	...	...
1981	14	...	21,482	7.32	57	15,164	7.49	40	1,135	...	3	...	37,781	14.81	...
1982	24	...	49,705	11.61	68	21,390	7.20	29	1,600	...	2	...	72,695	18.81	...
1983	62	...	124,697	13.70	70	49,718	6.98	28	4,950	...	3	...	179,365	20.67	...
1984	61	...	113,755	11.18	71	41,370	5.26	26	4,442	...	3	...	159,567	16.44	...
1985	40	...	83,763	12.80	78	22,422	3.80	21	1,769	...	2	...	107,954	16.60	...
1986	36	...	87,983	17.90	73	30,577	8.40	25	2,591	...	2	...	121,151	26.30	...
1987	35	...	77,575	11.60	55	59,416	12.00	42	4,212	...	3	...	141,203	23.60	...
1988	31	...	93,636	15.37	82	18,832	3.01	16	1,948	...	2	...	114,416	18.38	...
1989	35	...	95,027	14.59	68	42,886	7.26	31	2,421	...	2	...	140,334	21.85	...
1990	43	...	110,044	16.66	67	52,089	8.91	32	1,762	...	1	...	163,895	25.57	...
1991	43	...	177,389	24.78	82	37,330	5.70	17	1,550	...	1	...	216,269	30.48	...
1992	44	...	155,898	21.48	77	43,693	6.39	22	3,480	...	2	...	203,071	27.87	...
1993	42	...	148,419	18.29	75	46,011	6.46	23	3,731	...	2	...	198,161	24.75	...
1994	49	...	151,486	18.61	72	56,426	7.63	27	1,711	...	1	...	209,623	26.24	...
1995	44	...	132,518	17.39	79	31,845	4.68	19	3,190	...	2	...	167,553	22.07	...
1996	39	...	120,127	16.93	80	19,417	4.13	13	9,860	...	7	...	149,404	21.05	...
1997	35	...	79,386	12.06	55	54,638	8.45	38	10,058	...	7	...	144,082	20.51	...
1998	39	...	131,573	21.64	75	37,678	6.74	22	5,377	...	3	...	174,628	28.38	...
1999	36	...	129,262	26.77	71	34,529	7.34	19	18,694	...	10	...	182,485	34.11	...
2000	33	...	80,272	21.01	64	33,379	6.28	27	11,700	...	9	...	125,351	27.29	...
2001	32	...	85,436	20.18	74	23,496	4.90	20	6,592	...	6	...	115,524	25.08	...
2002	29	...	87,029	15.92	73	28,621	4.37	24	3,508	...	3	...	119,158	20.76	...
2003	26	...	63,414	12.68	72	21,952	4.22	25	2,628	...	3	...	87,994	17.44	...

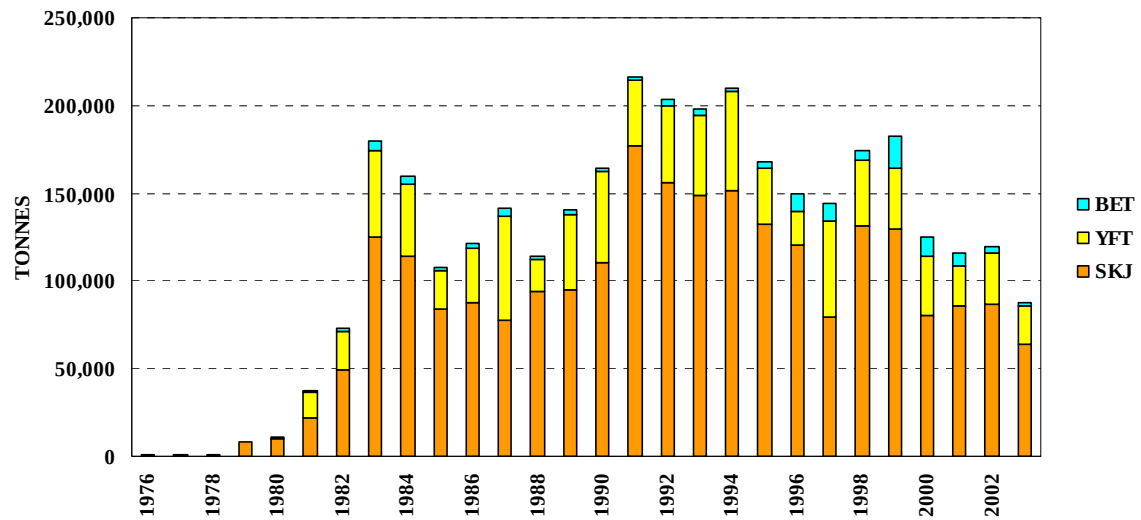


Figure 99. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by United States purse seiners in the WCPO

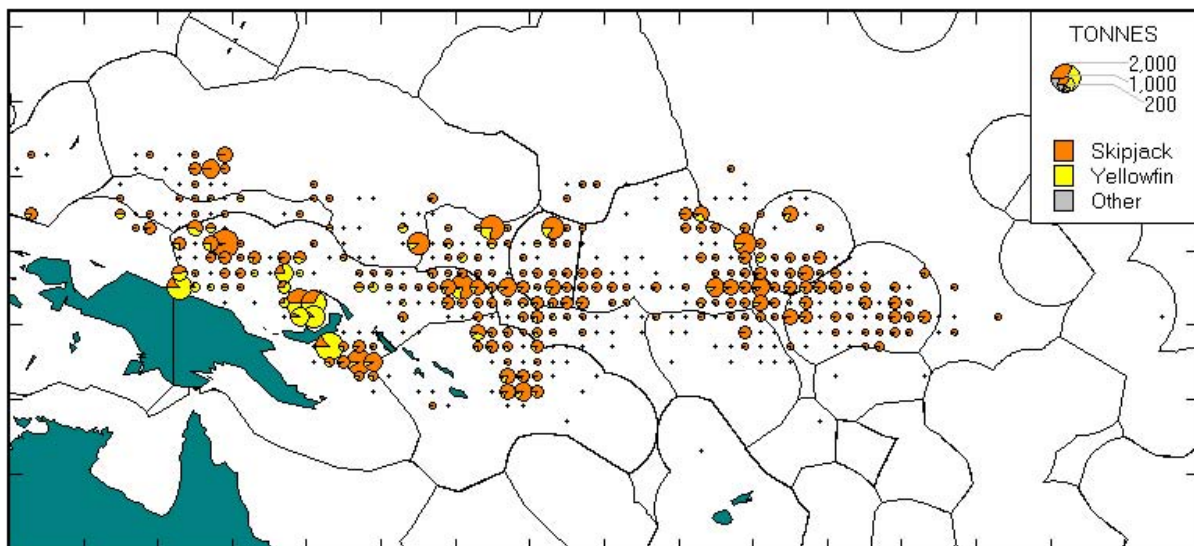


Figure 100. United States purse-seiner catch in the WCPO, 2003

PURSE SEINE: VANUATU

Table 54. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Vanuatu purse seiners in the WCPO

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1994	1	...	730	13.05	89	85	1.42	10	5	...	1	...	820	14.56
1995	2	...	5,577	13.77	83	1,043	3.57	15	131	...	2	...	6,751	17.75
1996	2	...	8,080	14.18	91	706	1.62	8	84	...	1	...	8,870	16.00
1997	5	...	16,730	12.10	64	8,562	5.14	33	804	...	3	...	26,096	17.69
1998	5	...	28,982	20.81	74	9,578	7.60	25	530	...	1	...	39,090	28.81
1999	7	...	36,321	17.63	76	10,337	4.65	22	999	...	2	...	47,657	22.73
2000	7	...	33,075	26.97	93	2,415	2.51	7	140	...	0	...	35,630	29.62

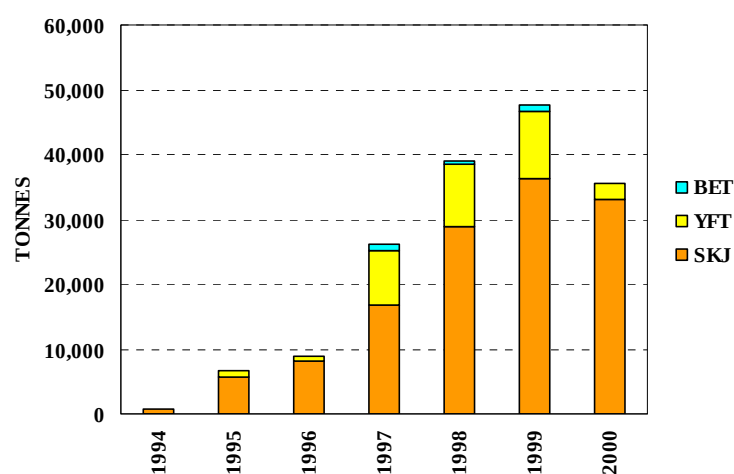


Figure 101. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by purse seiners of Vanuatu in the WCPO

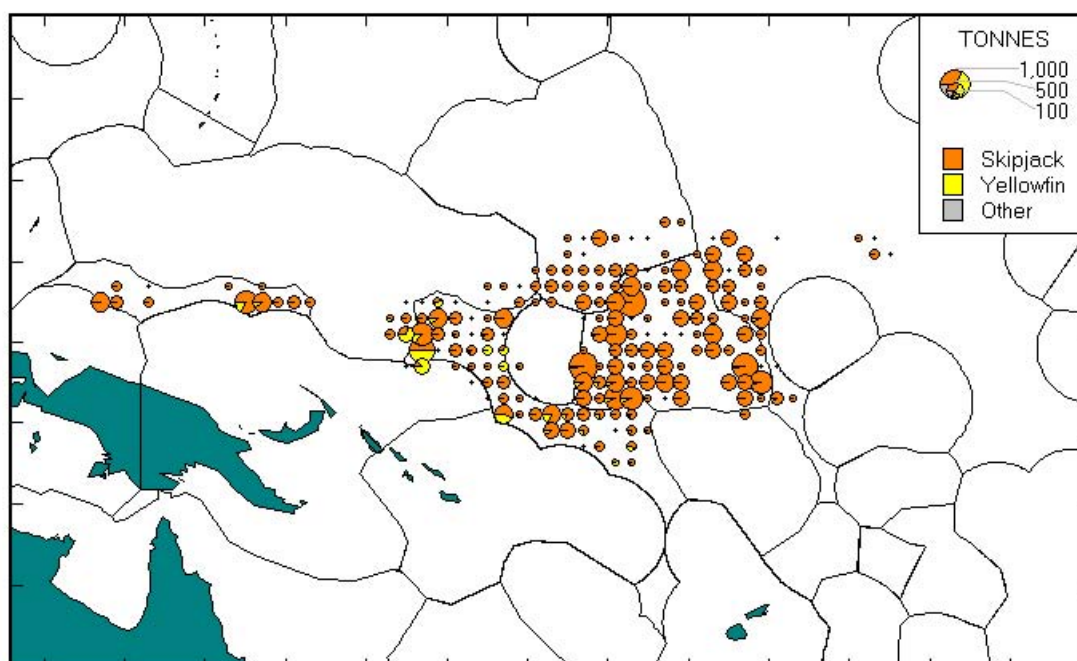
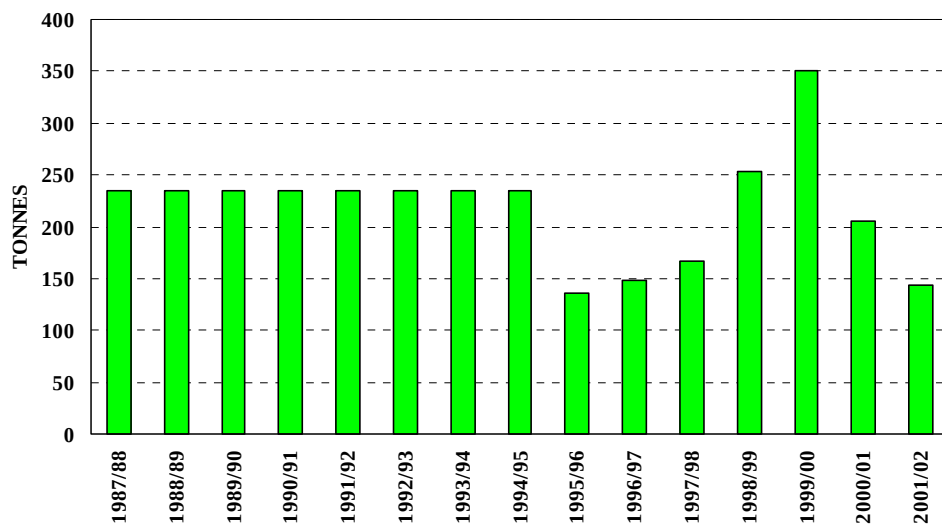


Figure 102. Vanuatu purse-seiner catch in the WCPO, 2000

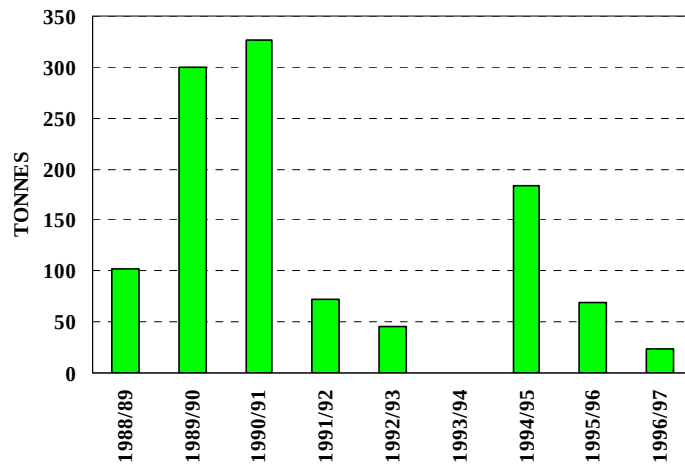
TROLL: CANADA**Table 55. Albacore catches (tonnes) and catch per unit of effort (number of fish per day) for Canadian trollers**

SEASON	VESSELS ACTIVE	DAYS FISHED	ALBACORE	
			CATCH	CPUE
1987/88	3	...	235	...
1988/89	3	...	235	...
1989/90	3	...	235	...
1990/91	3	...	235	...
1991/92	3	...	235	...
1992/93	3	...	235	...
1993/94	3	...	235	...
1994/95	3	...	235	...
1995/96	3	168	136	117
1996/97	3	171	149	134
1997/98	3	111	167	231
1998/99	5	198	253	111
1999/00	5	335	351	144
2000/01	4	168	206	106
2001/02	4	158	144	123
2002/03	...	...	...	...

**Figure 103. Seasonal catches (tonnes) of albacore by Canadian trollers**

TROLL: FRENCH POLYNESIA**Table 56. Albacore catches (tonnes) and catch per unit of effort (number of fish per day) for French Polynesian trollers**

SEASON	VESSELS ACTIVE	DAYS FISHED	ALBACORE	
			CATCH	CPUE
1988/89	2	...	102	...
1989/90	3	...	299	...
1990/91	4	...	326	...
1991/92	2	117	72	...
1992/93	4	122	45	69
1993/94	0	-	-	-
1994/95	4	243	183	87
1995/96	4	142	69	67
1996/97	1	46	24	71

**Figure 104. Seasonal catches (tonnes) of albacore by French Polynesian trollers**

TROLL: NEW ZEALAND**Table 57. Albacore catches (tonnes) and catch per unit of effort (number of fish per day) for New Zealand trollers**

SEASON	VESSELS ACTIVE	DAYS FISHED	ALBACORE	
			CATCH	CPUE
1966/67	...	...	5	...
1967/68	...	...	14	...
1968/69	...	...	...	...
1969/70	...	...	50	...
1970/71	...	...	...	...
1971/72	...	...	268	...
1972/73	...	...	484	...
1973/74	...	...	898	...
1974/75	...	...	646	...
1975/76	...	...	25	...
1976/77	...	...	621	...
1977/78	...	...	1,686	...
1978/79	...	...	814	...
1979/80	...	...	1,468	...
1980/81	...	...	2,085	...
1981/82	...	...	2,434	87
1982/83	...	...	744	46
1983/84	...	...	2,773	25
1984/85	...	...	3,253	40
1985/86	...	...	1,911	42
1986/87	100	...	1,256	64
1987/88	25	...	405	68
1988/89	37	...	4,361	82
1989/90	198	...	2,555	87
1990/91	211	...	2,350	101
1991/92	273	...	3,265	101
1992/93	414	...	2,971	74
1993/94	492	...	4,609	86
1994/95	474	...	5,339	99
1995/96	441	...	5,215	85
1996/97	309	...	2,767	65
1997/98	302	...	4,463	90
1998/99	201	...	1,799	108
1999/00	285	...	3,084	95
2000/01	328	...	3,254	...
2001/02	300	...	3,458	...
2002/03	275	...	3,979	...

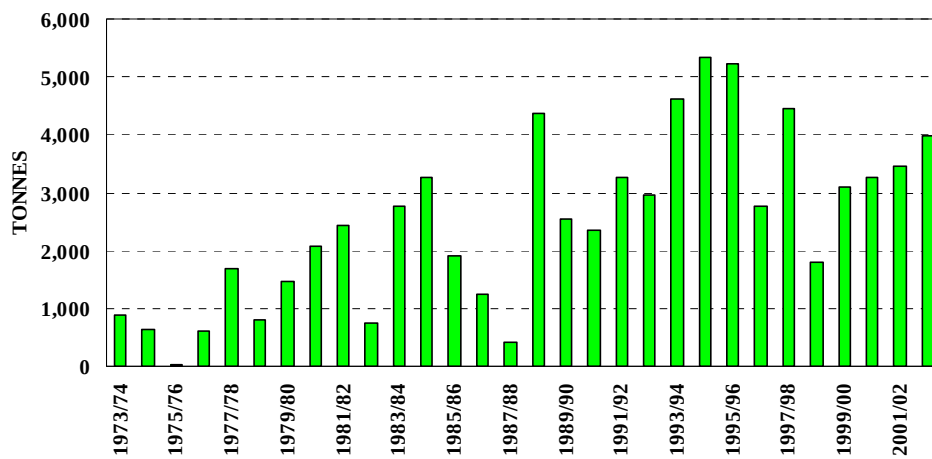


Figure 105. Seasonal catches (tonnes) of albacore by New Zealand trollers

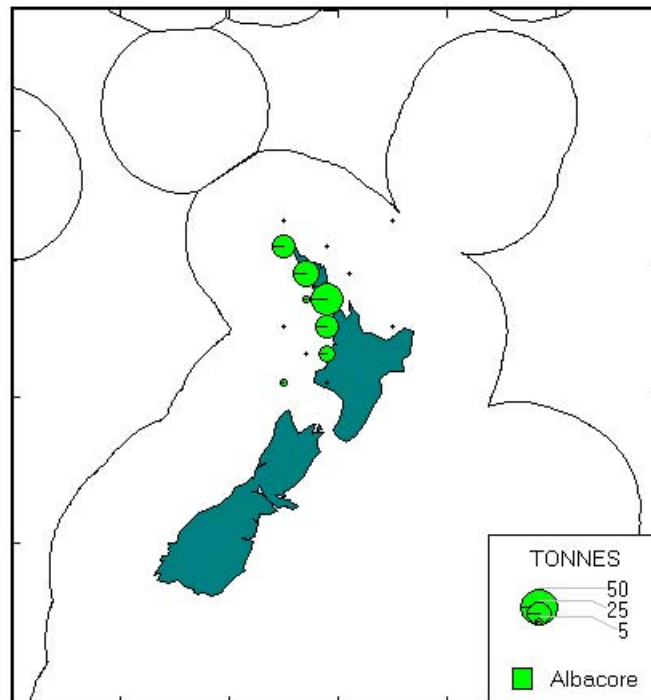


Figure 106. New Zealand troller catch, 2002/03 season

TROLL: UNITED STATES OF AMERICA**Table 58. Albacore catches (tonnes) and catch per unit of effort (number of fish per day) for United States trollers in the South Pacific**

SEASON	VESSELS ACTIVE	DAYS FISHED	ALBACORE	
			CATCH	CPUE
1985/86	2	...	92	78
1986/87	7	...	751	175
1987/88	43	...	3,558	157
1988/89	43	...	3,239	135
1989/90	39	...	3,995	163
1990/91	56	...	5,221	103
1991/92	55	...	3,097	69
1992/93	44	...	1,036	45
1993/94	13	...	2,236	96
1994/95	21	...	1,953	150
1995/96	53	...	1,964	71
1996/97	27	...	1,617	83
1997/98	36	...	1,701	53
1998/99	21	...	1,241	83
1999/00	36	...	2,562	71
2000/01	33	...	2,128	47
2001/02	12	...	1,218	46
2002/03	14	...	1,205	220

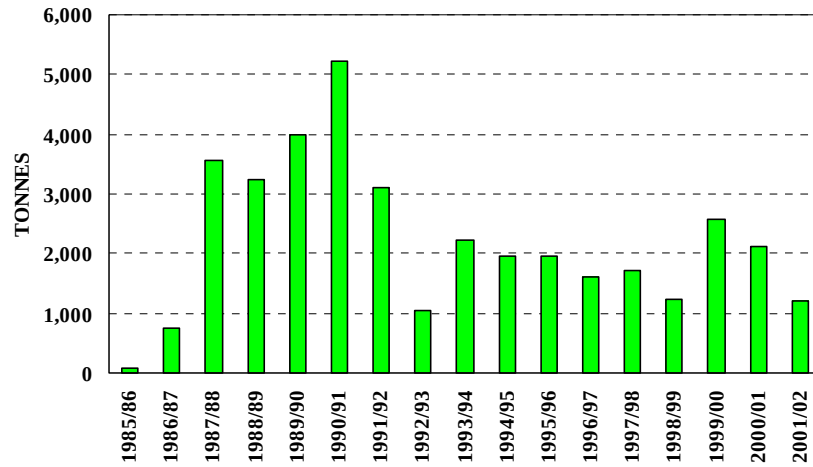


Figure 107. Seasonal catches (tonnes) of albacore by United States trollers in the South Pacific

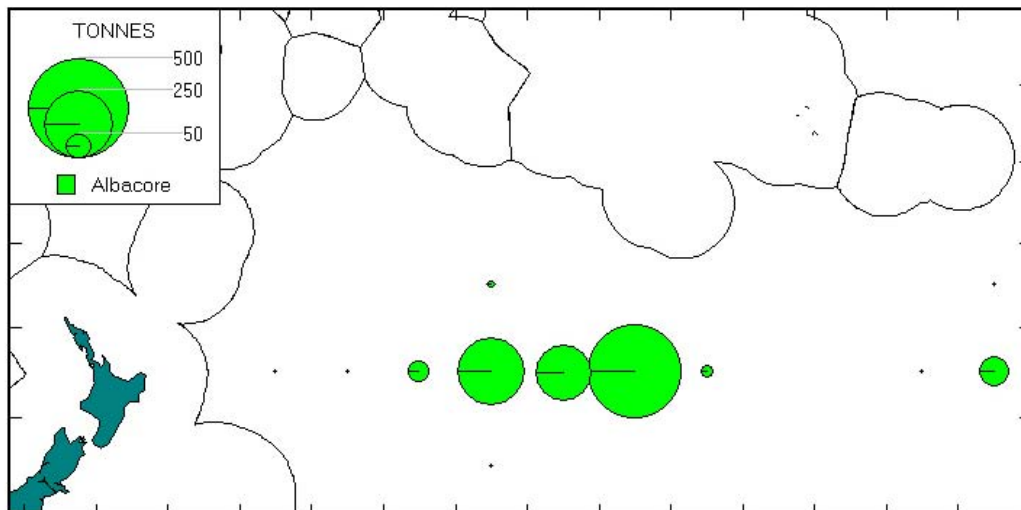


Figure 108. United States troller catch in the South Pacific, 2001/02 season

DOMESTIC FISHERIES OF INDONESIA

Table 59. Skipjack catches (tonnes) by Indonesian domestic fisheries in the WCPO. Key: PL pole-and-line; HAND handline; LL longline; PS purse seine; UNCLASS unclassified.

YEAR	PL	HAND	LL	PS	UNCLASS	TOTAL
1970	...	...	...	...	12,100	12,100
1971	...	...	...	...	12,400	12,400
1972	...	...	...	...	19,600	19,600
1973	...	...	...	...	22,300	22,300
1974	...	...	...	...	23,613	23,613
1975	...	...	...	...	23,316	23,316
1976	...	...	...	...	25,338	25,338
1977	...	...	...	...	26,376	26,376
1978	...	...	...	...	29,422	29,422
1979	...	...	...	...	36,310	36,310
1980	19,676	...	...	5,514	19,055	44,245
1981	20,865	...	...	5,847	20,207	46,919
1982	22,121	...	43	6,199	21,380	49,743
1983	28,609	...	...	8,017	27,706	64,332
1984	42,910	...	...	9,152	18,149	70,211
1985	43,999	...	...	10,187	18,132	72,318
1986	48,305	...	...	7,313	13,225	68,843
1987	49,271	...	...	7,459	13,490	70,220
1988	51,735	...	...	7,823	14,165	73,723
1989	64,763	...	...	7,559	14,873	87,195
1990	70,537	...	...	7,994	15,617	94,148
1991	81,445	...	...	9,230	18,032	108,707
1992	75,455	...	...	10,751	40,413	126,619
1993	77,476	...	...	9,935	29,592	117,003
1994	90,472	...	...	10,698	24,828	125,998
1995	92,910	...	...	10,987	25,497	129,394
1996	101,060	...	...	11,950	27,733	140,743
1997	96,988	...	...	11,469	26,616	135,073
1998	130,601	...	...	15,444	35,839	181,884
1999	142,332	...	...	16,831	39,059	198,222
2000	144,100	...	...	17,040	39,545	200,685
2001	123,684	...	...	14,626	33,941	172,251
2002	130,770	...	...	15,464	35,886	182,120
2003	134,245	...	...	15,875	36,840	186,960

Table 60. Yellowfin catches (tonnes) by Indonesian domestic fisheries in the WCPO. Key: PL pole-and-line; HAND handline; LL longline; PS purse seine; UNCLASS unclassified.

YEAR	PL	HAND	LL	PS	UNCLASS	TOTAL
1970	...	...	...	...	4,950	4,950
1971	...	...	...	...	5,130	5,130
1972	...	...	...	...	8,100	8,100
1973	...	...	...	...	9,180	9,180
1974	...	...	...	...	9,149	9,149
1975	...	...	...	...	9,956	9,956
1976	456	...	...	...	6,777	7,233
1977	532	...	...	...	9,241	9,773
1978	1,044	...	1,111	...	7,403	9,558
1979	1,716	...	1,164	...	10,334	13,214
1980	2,042	...	1,351	1,959	10,463	15,815
1981	1,814	...	1,651	2,048	14,213	19,726
1982	1,698	...	3,295	1,285	15,654	21,932
1983	1,710	...	958	1,812	13,715	18,195
1984	2,054	2,057	1,526	1,897	16,326	23,860
1985	2,110	2,322	2,254	1,896	18,117	26,699
1986	2,050	2,502	2,227	1,485	22,703	30,967
1987	2,091	2,553	8,458	1,515	22,259	36,876
1988	2,195	2,650	8,881	1,590	23,739	39,055
1989	3,198	2,492	4,683	2,268	28,211	40,852
1990	3,990	2,921	5,034	2,399	29,057	43,401
1991	5,660	4,029	6,365	2,586	35,643	54,283
1992	5,887	5,389	7,017	2,435	40,698	61,426
1993	4,767	4,363	5,410	3,926	32,953	51,419
1994	6,291	6,740	5,041	5,288	40,630	63,990
1995	6,694	7,172	5,364	5,627	43,233	68,090
1996	7,960	8,528	6,378	6,691	51,408	80,965
1997	8,065	8,640	6,462	6,779	52,086	82,032
1998	8,654	9,271	6,934	7,273	55,886	88,018
1999	9,360	10,027	7,499	7,867	60,450	95,203
2000	10,211	10,939	8,181	8,582	65,940	103,853
2001	9,164	9,817	7,342	7,702	59,180	93,205
2002	9,913	10,620	7,943	8,331	64,017	100,824
2003	10,217	10,946	8,186	8,587	65,984	103,920

Table 61. Bigeye catches (tonnes) by Indonesian domestic fisheries in the WCPO. Key: PL pole-and-line; HAND handline; LL longline; PS purse seine; UNCLASS unclassified.

YEAR	PL	HAND	LL	PS	UNCLASS	TOTAL
1970	...	...	...	...	550	550
1971	...	...	...	...	570	570
1972	...	...	...	...	900	900
1973	...	...	...	...	1,020	1,020
1974	...	...	...	...	1,017	1,017
1975	...	...	...	...	1,106	1,106
1976	51	...	...	...	753	804
1977	59	...	...	...	1,027	1,086
1978	116	...	105	...	823	1,044
1979	191	...	110	...	1,148	1,449
1980	227	...	127	218	1,163	1,735
1981	202	...	155	228	1,579	2,164
1982	189	...	310	143	1,739	2,381
1983	190	...	90	201	1,524	2,005
1984	228	194	144	211	1,814	2,591
1985	234	218	212	211	2,013	2,888
1986	228	235	210	165	2,523	3,361
1987	232	240	796	168	2,473	3,909
1988	244	249	836	177	2,638	4,144
1989	355	234	441	252	3,135	4,417
1990	443	275	474	267	3,229	4,688
1991	629	379	599	287	3,960	5,854
1992	654	507	660	271	4,522	6,614
1993	530	411	509	436	3,661	5,547
1994	699	634	474	588	4,514	6,909
1995	744	675	505	625	4,804	7,353
1996	884	802	600	743	5,712	8,741
1997	896	813	608	753	5,787	8,857
1998	962	872	652	808	6,210	9,504
1999	1,040	944	706	874	6,717	10,281
2000	1,135	1,029	770	954	7,327	11,215
2001	1,018	924	691	856	6,576	10,065
2002	1,101	999	747	926	7,113	10,886
2003	1,135	1,030	770	954	7,332	11,221

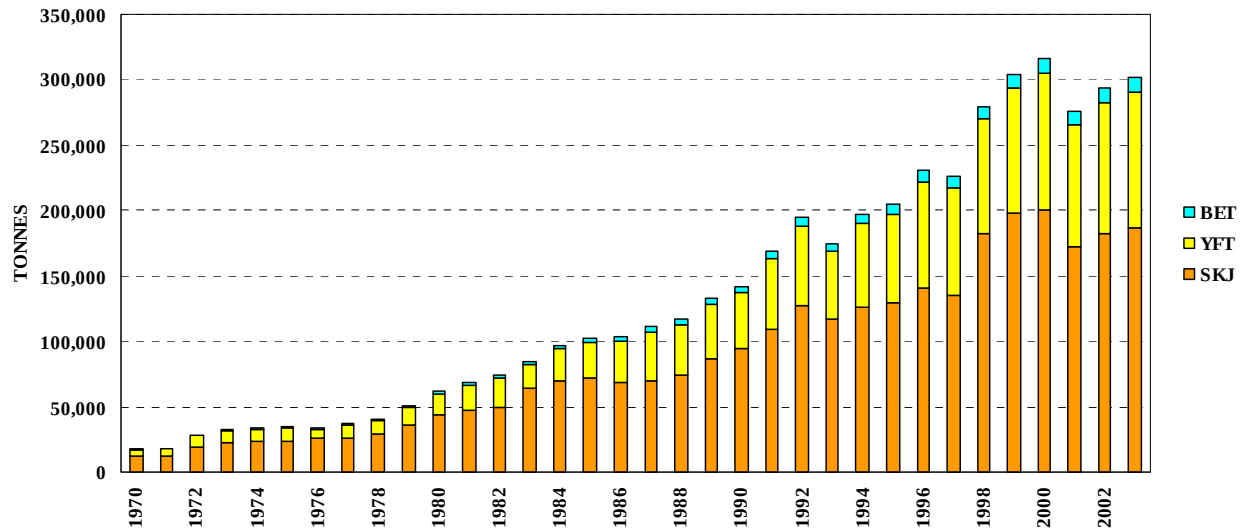


Figure 109. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Indonesian domestic fisheries in the WCPO

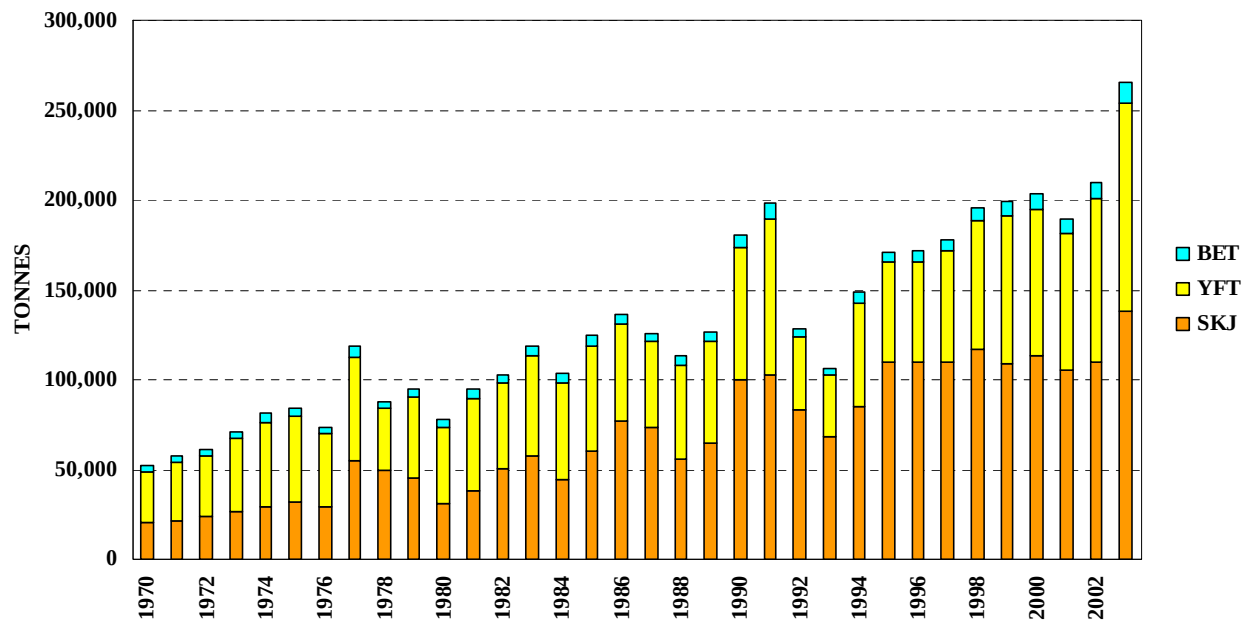


Figure 110. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Philippines domestic fisheries

DOMESTIC FISHERIES OF THE PHILIPPINES

Table 62. Skipjack catches (tonnes) by Philippines domestic fisheries. Key: GILL gill net; HOOK hook-and-line; LL longline; PS purse seine; RING ring net; UNCLASS unclassified.

YEAR	GILL	HOOK	LL	PS	RING	UNCLASS	TOTAL
1970	5,747	5,301	1,072	2,811	3,051	2,018	20,000
1971	6,149	5,672	1,147	3,007	3,265	2,160	21,400
1972	6,753	6,229	1,260	3,303	3,585	2,370	23,500
1973	7,586	6,997	1,415	3,710	4,028	2,664	26,400
1974	8,464	7,807	1,579	4,140	4,494	2,972	29,456
1975	9,096	8,391	1,697	4,449	4,830	3,194	31,657
1976	8,246	7,607	1,539	4,444	4,891	2,447	29,174
1977	14,608	13,475	2,725	15,647	4,765	3,870	55,090
1978	14,286	13,178	2,665	6,987	7,585	5,017	49,718
1979	3,677	10,006	2,004	22,426	5,702	1,269	45,084
1980	4,331	9,383	315	13,240	3,351	558	31,178
1981	2,995	14,406	440	14,048	4,683	1,867	38,439
1982	2,437	7,735	530	26,607	4,081	9,405	50,795
1983	1,815	8,999	546	36,645	4,210	4,936	57,151
1984	988	9,287	527	24,247	8,538	1,084	44,671
1985	2,183	10,309	735	28,477	14,303	4,529	60,536
1986	2,851	13,683	590	38,982	18,343	2,519	76,968
1987	2,656	14,627	2,019	39,125	11,873	3,449	73,749
1988	2,015	11,095	1,531	29,677	9,006	2,616	55,940
1989	2,328	12,823	1,770	34,300	10,409	3,024	64,654
1990	8,125	9,444	932	53,751	19,045	8,408	99,705
1991	8,257	9,598	657	62,078	14,612	7,192	102,394
1992	6,249	7,264	717	43,607	18,721	6,621	83,179
1993	1,452	8,351	463	34,555	19,231	4,029	68,081
1994	2,954	8,106	1,102	48,469	17,721	6,208	84,560
1995	1,202	11,655	756	61,185	31,166	4,147	110,111
1996	1,201	11,644	755	61,126	31,136	4,142	110,004
1997	1,202	11,654	756	61,178	31,162	4,145	110,097
1998	1,274	12,350	801	64,832	33,024	4,392	116,673
1999	1,188	11,514	747	60,445	30,789	4,095	108,778
2000	1,234	11,962	776	62,797	31,987	4,255	113,011
2001	1,152	11,166	724	58,614	29,857	3,971	105,484
2002	1,201	11,641	755	61,111	31,128	4,141	109,977
2003	1,510	14,641	949	76,860	39,150	5,209	138,319

Table 63. Yellowfin catches (tonnes) by Philippines domestic fisheries. Key: GILL gill net; HOOK hook-and-line; LL longline; PS purse seine; RING ring net; UNCLASS unclassified.

YEAR	GILL	HOOK	LL	PS	RING	UNCLASS	TOTAL
1970	2,304	19,175	537	4,277	1,511	1,300	29,104
1971	2,578	21,452	601	4,784	1,690	1,454	32,559
1972	2,678	22,291	625	4,972	1,757	1,510	33,833
1973	3,203	26,664	748	5,947	2,102	1,808	40,472
1974	3,724	30,998	869	6,914	2,444	2,101	47,050
1975	3,801	31,634	887	7,055	2,493	2,146	48,016
1976	3,202	26,651	748	5,945	2,100	1,806	40,452
1977	4,540	37,785	1,059	8,428	2,978	2,562	57,352
1978	4,426	22,796	630	3,720	910	1,719	34,201
1979	1,824	29,230	829	7,884	3,190	1,808	44,765
1980	2,071	26,721	1,076	7,369	3,852	1,036	42,125
1981	2,390	29,480	1,480	12,909	3,459	1,319	51,037
1982	1,247	27,261	1,734	14,659	1,251	1,103	47,255
1983	1,134	29,610	2,581	15,676	3,028	3,707	55,736
1984	1,945	28,339	1,174	16,855	3,839	1,337	53,489
1985	1,836	32,452	1,663	13,843	5,595	3,004	58,393
1986	1,923	33,076	2,204	11,376	4,461	1,065	54,105
1987	1,945	24,137	3,449	13,654	2,627	1,242	47,054
1988	1,983	29,326	2,897	12,830	3,633	1,184	51,853
1989	2,159	31,940	3,156	13,973	3,957	1,288	56,473
1990	2,542	45,061	2,015	14,515	3,760	5,824	73,717
1991	2,996	53,113	2,375	17,109	4,431	6,864	86,888
1992	1,582	22,101	1,114	10,895	2,447	2,742	40,881
1993	1,026	24,139	954	4,001	1,411	3,234	34,765
1994	3,825	34,519	1,291	12,275	3,180	3,135	58,225
1995	1,493	32,595	1,214	13,402	3,472	3,208	55,384
1996	1,501	32,768	1,220	13,473	3,490	3,225	55,677
1997	1,650	36,009	1,341	14,806	3,835	3,544	61,185
1998	1,940	42,358	1,578	17,416	4,511	4,168	71,971
1999	2,213	48,314	1,799	19,865	5,145	4,756	82,092
2000	2,213	48,300	1,799	19,859	5,144	4,753	82,068
2001	2,047	44,682	1,663	18,372	4,758	4,397	75,919
2002	2,444	53,362	1,987	21,941	5,683	5,252	90,669
2003	3,117	68,038	2,534	27,975	7,246	6,696	115,606

Table 64. Bigeye catches (tonnes) by Philippines domestic fisheries. Key: GILL gill net; HOOK hook-and-line; LL longline; PS purse seine; RING ring net; UNCLASS unclassified.

YEAR	GILL	HOOK	LL	PS	RING	UNCLASS	TOTAL
1970	256	1,804	51	475	166	144	2,896
1971	286	2,018	57	532	186	162	3,241
1972	298	2,097	59	552	193	168	3,367
1973	356	2,509	70	661	231	201	4,028
1974	414	2,917	82	768	268	233	4,682
1975	422	2,976	83	784	274	238	4,777
1976	356	2,508	70	661	231	201	4,027
1977	504	3,555	100	936	327	285	5,707
1978	492	2,145	59	413	100	191	3,400
1979	203	2,750	78	876	351	201	4,459
1980	230	2,514	101	819	423	115	4,202
1981	266	2,774	139	1,434	380	147	5,140
1982	139	2,565	163	1,629	137	123	4,756
1983	126	2,786	243	1,742	333	412	5,642
1984	216	2,666	110	1,873	422	149	5,436
1985	204	3,053	156	1,538	615	334	5,900
1986	214	3,112	207	1,264	490	118	5,405
1987	216	2,271	325	1,517	289	138	4,756
1988	220	2,759	273	1,426	399	132	5,209
1989	240	3,005	297	1,553	435	143	5,673
1990	282	4,240	190	1,613	413	647	7,385
1991	333	4,998	224	1,901	487	763	8,706
1992	176	2,080	105	1,211	269	305	4,146
1993	114	2,271	90	445	155	359	3,434
1994	425	3,248	121	1,364	349	348	5,855
1995	166	3,067	114	1,489	381	356	5,573
1996	167	3,083	115	1,497	383	358	5,603
1997	183	3,388	126	1,645	421	394	6,157
1998	216	3,986	148	1,935	496	463	7,244
1999	246	4,546	169	2,207	565	528	8,261
2000	246	4,545	169	2,207	565	528	8,260
2001	227	4,204	157	2,041	523	489	7,641
2002	272	5,021	187	2,438	624	584	9,126
2003	346	6,402	238	3,108	796	744	11,634

NUMBERS OF VESSELS ACTIVE IN THE WCPO

Table 65. Longliners active in the WCPO. Symbols: '...' = missing data; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA	AUSTRALIA DOMESTIC	AUSTRALIA- JAPAN JOINT VENTURE	CHINA	COOK ISLANDS	FEDERATED STATES OF MICRONESIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL
1950	-	-	-	-	-	-	-	-	...	...
1951	-	-	-	-	-	-	-	-	...	...
1952	-	-	-	-	-	-	-	-	...	...
1953	-	-	-	-	-	-	-	-	...	669
1954	-	-	-	-	-	-	-	-	...	743
1955	-	-	-	-	-	-	-	-	...	588
1956	-	-	-	-	-	-	-	-	...	595
1957	-	-	-	-	-	-	-	-	...	443
1958	-	-	-	-	-	-	-	-	...	366
1959	-	-	-	-	-	-	-	-	...	541
1960	-	-	-	-	-	-	-	-	...	843
1961	-	-	-	-	-	-	-	-	...	694
1962	-	-	-	-	-	-	-	-	...	660
1963	-	-	-	-	-	-	-	-	...	774
1964	-	-	-	-	-	-	-	-	...	610
1965	-	-	-	-	-	-	-	-	...	696
1966	-	-	-	-	-	-	-	-	...	147
1967	-	-	-	-	-	-	-	-	...	147
1968	-	-	-	-	-	-	-	-	...	231
1969	-	-	-	-	-	-	-	-	...	895
1970	-	-	-	-	-	-	-	-	...	890
1971	-	-	-	-	-	-	-	-	...	908
1972	-	-	-	-	-	-	-	-	...	940
1973	-	-	-	-	-	-	-	-	...	959
1974	-	-	-	-	-	-	-	-	...	518
1975	-	-	-	-	-	-	-	-	...	720
1976	-	-	-	-	-	-	-	-	...	827
1977	-	-	-	-	-	-	-	-	...	726
1978	-	-	-	-	-	-	-	-	...	669
1979	-	-	-	-	-	-	-	-	...	648
1980	-	-	-	-	-	-	-	-	...	821
1981	-	-	-	-	-	-	-	-	...	774
1982	-	-	-	-	-	-	-	-	...	722
1983	-	-	-	-	-	-	-	-	...	561
1984	-	-	-	-	-	-	-	-	...	523
1985	-	4	-	-	-	-	-	-	28	620
1986	-	32	-	-	-	-	-	-	63	536
1987	-	133	-	-	-	-	-	-	79	661
1988	-	134	-	7	-	-	-	-	70	586
1989	-	124	20	9	-	-	4	-	138	650
1990	-	117	14	23	-	-	6	2	151	685
1991	-	111	29	39	-	3	9	8	145	768
1992	-	124	56	72	-	8	18	25	141	793
1993	-	109	66	311	-	7	22	50	309	790
1994	-	110	52	456	2	9	37	66	293	819
1995	3	109	21	422	3	11	48	65	(293)	738
1996	12	119	-	325	2	9	42	59	(293)	711
1997	21	137	-	144	...	15	34	60	(293)	698
1998	26	156	-	124	1	23	39	54	(293)	712
1999	29	145	-	115	2	26	43	57	(293)	703
2000	37	140	-	106	...	30	61	57	(293)	732
2001	62	(140)	-	116	1	28	95	57	(293)	777
2002	58	144	-	123	19	27	103	54	(293)	780
2003	49	146	-	179	44	26	101	64	(293)	(780)

Table 65 (continued). Longliners active in the WCPO

YEAR	JAPAN DISTANT- WATER	JAPAN OFFSHORE	KIRIBATI	MARSHALL ISLANDS	NAURU	NEW CALEDONIA	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES	REPUBLIC OF KOREA
1950	-	...	-	-	-	-	-	-	...	-
1951	-	...	-	-	-	-	-	-	...	-
1952	...	...	-	-	-	-	-	-	...	-
1953	1,064		-	-	-	-	-	-	...	-
1954	1,319		-	-	-	-	-	-	...	-
1955	1,454		-	-	-	-	-	-	...	-
1956	1,495		-	-	-	-	-	-	...	-
1957	1,475		-	-	-	-	-	-	...	-
1958	1,549		-	-	-	-	-	-	...	2
1959	1,641		-	-	-	-	-	-	...	4
1960	1,842		-	-	-	-	-	-	...	3
1961	1,935		-	-	-	-	-	-	...	2
1962	1,843		-	-	-	-	-	-	...	5
1963	1,901		-	-	-	-	-	-	...	10
1964	1,793		-	-	-	-	-	-	...	16
1965	1,696		-	-	-	-	-	-	...	33
1966	1,730		-	-	-	-	-	-	...	55
1967	1,762		-	-	-	-	-	-	...	69
1968	1,760		-	-	-	-	-	-	...	85
1969	1,663		-	-	-	-	-	-	...	76
1970	973	580	-	-	-	-	-	-	...	105
1971	998	564	-	-	-	-	-	-	...	122
1972	942	489	-	-	-	-	-	-	...	178
1973	917	511	-	-	-	-	-	-	...	222
1974	962	554	-	-	-	-	-	-	...	270
1975	883	535	-	-	-	-	-	-	...	253
1976	840	556	-	-	-	-	-	-	...	257
1977	842	586	-	-	-	-	-	-	...	217
1978	847	633	-	-	-	-	-	-	...	223
1979	860	635	-	-	-	-	-	-	...	216
1980	883	637	-	-	-	-	-	-	...	211
1981	892	630	-	-	-	-	-	-	...	209
1982	802	554	-	-	-	-	-	-	61	121
1983	747	523	-	-	-	1	-	-	62	102
1984	810	478	-	-	-	2	-	-	62	96
1985	823	476	-	-	-	3	-	-	55	94
1986	818	442	-	-	-	2	-	-	41	134
1987	819	398	-	-	-	3	-	-	62	138
1988	807	385	-	-	-	4	-	-	27	124
1989	806	353	-	-	-	4	...	-	3	152
1990	791	362	-	-	-	7	13	-	26	182
1991	790	332	-	-	-	6	22	-	12	220
1992	768	302	-	2	-	4	27	-	10	166
1993	767	272	-	5	-	4	42	1	10	148
1994	749	255	-	2	-	5	59	4	10	160
1995	744	222	1	4	-	8	93	11	10	154
1996	703	200	1	...	-	8	82	7	10	156
1997	695	180	...	-	-	9	62	8	(10)	148
1998	679	164	...	-	-	11	86	28	9	169
1999	618	152	...	-	-	13	92	47	13	171
2000	541	145	1	-	2	14	112	57	14	176
2001	539	145	1	-	2	18	132	51	(14)	177
2002	682		1	-	2	25	156	50	(14)	162
2003	662		2	-	2	28	132	51	(14)	183

Table 65 (continued). Longliners active in the WCPO

YEAR	SAMOA	SOLOMON ISLANDS	CHINESE TAIPEI DISTANT-WATER	CHINESE TAIPEI OFFSHORE DOMESTIC	CHINESE TAIPEI OFFSHORE FOREIGN	TONGA	UNITED STATES	VANUATU	TOTAL
1950	-	-	-	...	-	-	76	-	...
1951	-	-	-	...	-	-	67	-	...
1952	-	-	-	...	-	-	56	-	...
1953	-	-	-	...	-	-	58	-	...
1954	-	-	...	...	-	-	54	-	...
1955	-	-	...	...	-	-	52	-	...
1956	-	-	...	...	-	-	51	-	...
1957	-	-	...	...	-	-	49	-	...
1958	-	-	...	...	-	-	44	-	...
1959	-	-	...	...	-	-	41	-	...
1960	-	-	...	...	-	-	38	-	...
1961	-	-	...	...	-	-	36	-	...
1962	-	-	...	...	-	-	35	-	...
1963	-	-	...	...	-	-	32	-	...
1964	-	-	12	...	-	-	31	-	...
1965	-	-	23	...	-	-	30	-	...
1966	-	-	76	...	-	-	28	-	...
1967	-	-	...	...	-	-	26	-	...
1968	-	-	...	...	-	-	22	-	...
1969	-	-	...	...	-	-	23	-	...
1970	-	-	...	829	-	-	24	-	3,401
1971	-	-	...	863	-	-	23	-	3,478
1972	-	-	...	899	-	-	23	-	3,471
1973	-	2	...	1,255	-	-	18	-	3,884
1974	-	-	...	1,451	-	-	17	-	3,772
1975	-	-	92	1,411	-	-	16	-	3,910
1976	-	2	194	1,331	-	-	16	-	4,023
1977	-	2	176	1,382	-	-	17	-	3,948
1978	-	2	168	1,670	-	-	19	-	4,231
1979	-	2	157	1,840	-	-	17	-	4,375
1980	-	2	182	1,900	-	-	22	-	4,658
1981	-	2	140	1,846	-	-	25	-	4,518
1982	-	2	115	1,831	-	1	27	-	4,236
1983	-	2	65	1,872	-	1	32	-	3,968
1984	-	2	61	1,944	-	1	34	-	4,013
1985	-	2	44	2,129	-	1	36	-	4,315
1986	-	-	51	2,084	-	1	39	-	4,243
1987	-	-	60	2,207	...	1	37	-	4,598
1988	-	-	70	1,977	...	1	50	-	4,242
1989	-	-	85	1,671	...	1	88	-	4,108
1990	-	-	52	1,139	...	1	138	-	3,709
1991	-	-	74	800	...	1	78	-	3,447
1992	-	-	88	1,898	...	1	124	-	4,627
1993	17	-	72	1,791	254	6	124	-	5,177
1994	25	-	67	1,753	355	5	127	-	5,420
1995	45	9	62	1,603	366	7	117	2	5,171
1996	90	13	56	1,274	420	7	110	3	4,712
1997	170	18	53	1,877	361	8	117	1	5,119
1998	200	21	64	1,712	281	10	121	1	4,984
1999	175	16	65	1,696	281	13	133	...	4,898
2000	154	14	78	(1,696)	284	14	132	...	4,890
2001	149	8	101	(1,696)	(284)	21	125	...	5,032
2002	68	8	133	(1,696)	(284)	35	123	13	5,053
2003	24	12	142	(1,696)	(284)	29	129	19	5,091

Table 66. Pole-and-line vessels active in the WCPO. Symbols: '...' = missing data; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL	JAPAN DISTANT- WATER	JAPAN OFFSHORE	KIRIBATI	NEW CALEDONIA	NEW ZEALAND
1950	-	-	-	...	...	-	...	-	-	-
1951	-	-	-	...	...	-	...	-	-	-
1952	-	-	-	...	...	...	...	-	-	-
1953	-	-	-	...	4,101	622		-	-	-
1954	-	-	-	...	4,814	714		-	-	-
1955	-	-	-	...	4,646	715		-	-	-
1956	-	-	-	...	4,079	687		-	-	-
1957	-	-	-	...	4,560	621		-	-	-
1958	-	-	-	...	5,013	623		-	-	-
1959	-	-	-	...	3,870	620		-	-	-
1960	-	-	-	...	4,705	545		-	-	-
1961	-	-	-	...	5,046	477		-	-	-
1962	-	-	-	...	4,009	451		-	-	-
1963	-	-	-	...	6,041	492		-	-	-
1964	-	-	-	...	3,829	532		-	-	-
1965	-	-	-	...	3,654	572		-	-	-
1966	-	-	-	...	3,620	571		-	-	-
1967	-	-	-	...	3,550	564		-	-	-
1968	-	-	-	...	2,670	561		-	-	-
1969	-	-	-	...	3,475	528		-	-	-
1970	...	-	-	...	3,148	226	286	-	-	-
1971	...	-	-	...	3,168	230	280	-	-	-
1972	...	-	-	...	3,596	272	282	-	-	-
1973	...	-	-	...	3,020	299	351	-	-	-
1974	...	...	-	...	3,225	325	391	-	-	-
1975	...	...	...	...	2,648	324	372	-	-	-
1976	9	2	...	...	3,101	292	361	-	-	-
1977	20	6	...	...	3,348	293	369	-	-	-
1978	14	6	...	...	3,035	285	360	-	-	-
1979	10	8	...	...	3,480	270	355	1	-	-
1980	9	11	46	...	3,232	240	332	...	-	-
1981	17	12	51	...	3,064	216	332	2	1	-
1982	20	14	46	...	3,011	179	296	2	3	-
1983	13	13	46	...	3,021	157	277	4	3	-
1984	8	11	51	...	3,904	142	254	4	-	-
1985	...	7	49	1,115	2,754	129	227	4	-	-
1986	5	6	51	1,287	2,455	120	210	4	-	-
1987	5	8	64	1,170	2,404	115	199	4	-	-
1988	18	8	53	1,577	2,613	97	180	5	-	-
1989	15	8	56	921	2,254	94	175	6	-	-
1990	17	10	118	900	2,228	88	167	5	-	3
1991	16	10	106	872	2,277	82	160	3	-	3
1992	12	11	100	849	2,093	63	153	3	-	1
1993	12	9	70	823	1,927	59	144	3	-	7
1994	10	10	70	820	1,830	63	122	3	-	13
1995	11	9	77	(820)	481	62	112	3	-	15
1996	16	7	75	(820)	512	60	105	...	-	9
1997	15	5	70	(820)	436	62	101	...	-	3
1998	7	1	72	(820)	382	62	101	-	-	2
1999	4	1	74	(820)	416	64	99	-	-	5
2000	4	1	63	(820)	357	65	96	-	-	4
2001	2	2	60	(820)	285	64	92	-	-	3
2002	2	2	55	(820)	251	152		-	-	3
2003	0	1	54	(820)	(251)	(152)		-	-	2

Table 66 (continued). Pole-and-line vessels active in the WCPO

YEAR	PALAU	PAPUA NEW GUINEA	SOLOMON ISLANDS	TUVALU	UNITED STATES	TOTAL
1950	-	-	-	-	...	-
1951	-	-	-	-	...	-
1952	-	-	-	-	...	-
1953	-	-	-	-	...	-
1954	-	-	-	-	...	-
1955	-	-	-	-	...	-
1956	-	-	-	-	...	-
1957	-	-	-	-	...	-
1958	-	-	-	-	...	-
1959	-	-	-	-	...	-
1960	-	-	-	-	...	-
1961	-	-	-	-	...	-
1962	-	-	-	-	...	-
1963	-	-	-	-	...	-
1964	6	-	-	-	...	...
1965	31	-	-	-	...	...
1966	15	-	-	-	...	...
1967	20	-	-	-	...	...
1968	11	-	-	-	...	...
1969	9	-	-	-	...	...
1970	10	5	-	-	...	3,675
1971	20	29	...	-	...	3,727
1972	11	45	...	-	...	4,206
1973	12	43	11	-	...	3,736
1974	24	47	11	-	...	4,023
1975	21	48	12	-	...	3,425
1976	33	40	14	-	...	3,852
1977	23	51	20	-	...	4,130
1978	26	48	20	-	...	3,794
1979	21	45	23	-	...	4,213
1980	31	50	22	-	...	3,973
1981	36	44	23	-	...	3,798
1982	20	0	25	1	...	3,617
1983	0	0	27	1	...	3,562
1984	0	...	31	1	...	4,406
1985	1	...	36	1	...	4,323
1986	1	-	34	1	...	4,174
1987	1	-	34	1	...	4,005
1988	1	-	34	1	...	4,587
1989	1	-	33	1	...	3,564
1990	1	-	31	1	...	3,569
1991	0	-	32	1	...	3,562
1992	1	-	32	1	...	3,319
1993	1	-	27	-	...	3,082
1994	1	-	27	-	...	2,969
1995	...	-	32	-	7	1,629
1996	...	-	34	-	8	1,646
1997	...	-	31	-	8	1,551
1998	...	-	28	-	7	1,482
1999	...	-	27	-	7	1,517
2000	...	-	18	-	7	1,435
2001	...	-	12	-	6	1,346
2002	...	-	12	-	6	1,303
2003	...	-	12	-	6	1,298

Table 67. Purse seiners active in the WCPO. Symbols: ‘...’ = missing data; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA DOMESTIC	AUSTRALIA DISTANT- WATER	CHINA	FEDERATED STATES OF MICRONESIA	INDONESIA DOMESTIC	INDONESIA DISTANT- WATER	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT- WATER	KIRIBATI
1950	-	-	-	-	...	-	...	...	-
1951	-	-	-	-	...	-	...	...	-
1952	-	-	-	-	...	-	...	...	-
1953	-	-	-	-	...	-	...	...	-
1954	-	-	-	-	...	-	...	...	-
1955	-	-	-	-	...	-	...	...	-
1956	-	-	-	-	...	-	...	...	-
1957	-	-	-	-	...	-	...	...	-
1958	-	-	-	-	...	-	...	...	-
1959	-	-	-	-	...	-	...	...	-
1960	-	-	-	-	...	-	...	...	-
1961	-	-	-	-	...	-	...	...	-
1962	-	-	-	-	...	-	...	...	-
1963	-	-	-	-	...	-	...	...	-
1964	-	-	-	-	...	-	...	...	-
1965	-	-	-	-	...	-	...	...	-
1966	-	-	-	-	...	-	...	...	-
1967	-	-	-	-	...	-	...	...	-
1968	-	-	-	-	...	-	...	...	-
1969	-	-	-	-	...	-	64	4	-
1970	...	-	-	-	...	-	62	6	-
1971	...	-	-	-	...	-	62	6	-
1972	...	-	-	-	...	-	65	7	-
1973	...	-	-	-	...	-	56	6	-
1974	...	-	-	-	...	-	52	10	-
1975	...	-	-	-	...	-	52	12	-
1976	...	-	-	-	...	-	53	15	-
1977	...	-	-	-	...	-	50	14	-
1978	3	-	-	-	...	-	47	14	-
1979	2	-	-	-	...	-	46	17	-
1980	1	-	-	-	...	-	50	16	-
1981	2	-	-	-	...	-	50	23	-
1982	5	-	-	-	...	-	52	33	-
1983	6	-	-	-	...	-	59	36	-
1984	4	-	-	-	...	...	54	33	-
1985	2	-	-	-	...	...	47	35	-
1986	0	-	-	-	...	3	53	38	-
1987	1	-	-	-	...	3	47	34	-
1988	0	3	-	-	...	3	48	39	-
1989	3	1	-	-	...	3	43	37	-
1990	1	8	-	-	...	...	43	35	-
1991	6	6	-	6	...	-	38	35	-
1992	13	2	-	7	...	-	31	38	-
1993	7	1	-	7	...	-	27	36	-
1994	4	-	-	8	...	-	23	33	1
1995	3	-	-	6	...	-	20	31	1
1996	4	-	-	4	...	-	21	32	1
1997	5	-	-	4	...	-	20	35	1
1998	4	-	-	3	...	-	20	35	1
1999	6	-	-	4	...	-	22	36	1
2000	8	-	-	5	...	-	23	37	1
2001	3	-	1	5	...	-	19	36	1
2002	3	-	3	10	...	-	18	36	1
2003	2	-	4	10	...	-	(18)	36	1

Table 67 (continued). Purse seiners active in the WCPO

YEAR	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE & RINGNET	PHILIPPINES DISTANT WATER	REPUBLIC OF KOREA	RUSSIA	SOLOMON ISLANDS
1950	-	-	-	-	...	-	-	-	-
1951	-	-	-	-	...	-	-	-	-
1952	-	-	-	-	...	-	-	-	-
1953	-	-	-	-	...	-	-	-	-
1954	-	-	-	-	...	-	-	-	-
1955	-	-	-	-	...	-	-	-	-
1956	-	-	-	-	...	-	-	-	-
1957	-	-	-	-	...	-	-	-	-
1958	-	-	-	-	...	-	-	-	-
1959	-	-	-	-	...	-	-	-	-
1960	-	-	-	-	...	-	-	-	-
1961	-	-	-	-	...	-	-	-	-
1962	-	-	-	-	...	-	-	-	-
1963	-	-	-	-	...	-	-	-	-
1964	-	-	-	-	...	-	-	-	-
1965	-	-	-	-	...	-	-	-	-
1966	-	-	-	-	...	-	-	-	-
1967	-	-	-	-	...	-	-	-	-
1968	-	-	-	-	...	-	-	-	-
1969	-	-	-	-	...	-	-	-	-
1970	-	-	-	-	...	-	-	-	-
1971	-	-	-	-	...	-	-	-	-
1972	-	-	-	-	...	-	-	-	-
1973	-	-	-	-	...	-	-	-	-
1974	-	-	-	-	...	-	-	-	-
1975	-	-	...	-	...	-	-	-	-
1976	-	-	...	-	...	-	-	-	-
1977	-	-	...	-	...	-	-	-	-
1978	-	-	...	-	...	-	-	-	-
1979	-	-	...	-	...	-	-	-	-
1980	-	-	...	-	570	-	2	-	1
1981	-	-	...	-	697	-	3	-	1
1982	-	-	...	-	785	1	10	-	1
1983	-	-	7	-	686	-	11	-	1
1984	-	1	5	-	712	3	12	-	1
1985	-	5	5	-	724	5	11	5	1
1986	-	-	4	-	685	5	13	8	1
1987	-	-	3	-	813	5	20	5	2
1988	-	-	4	-	779	9	23	5	4
1989	-	-	1	-	198	13	30	5	4
1990	-	-	9	-	549	13	39	5	4
1991	-	-	6	-	546	15	36	4	3
1992	-	-	7	-	407	12	36	3	3
1993	-	-	5	-	399	12	34	8	3
1994	-	-	7	2	(399)	11	32	4	3
1995	-	-	6	3	(399)	13	30	...	3
1996	-	-	6	4	(399)	12	28	...	3
1997	-	-	7	10	(399)	12	27	...	4
1998	-	-	6	13	127	13	26	...	4
1999	-	-	6	17	191	10	26	...	5
2000	5	-	8	20	164	9	26	...	5
2001	5	-	11	22	(164)	10	26	...	2
2002	5	-	11	26	(164)	11	26	...	2
2003	6	-	9	28	(164)	10	27	...	3

Table 67 (continued). Purse seiners active in the WCPO

YEAR	SPAIN	CHINESE TAIPEI	UNITED STATES	VANUATU	TOTAL
1950	-	-	-	-	...
1951	-	-	-	-	...
1952	-	-	-	-	...
1953	-	-	-	-	...
1954	-	-	-	-	...
1955	-	-	-	-	...
1956	-	-	-	-	...
1957	-	-	-	-	...
1958	-	-	-	-	...
1959	-	-	-	-	...
1960	-	-	-	-	...
1961	-	-	-	-	...
1962	-	-	-	-	...
1963	-	-	-	-	...
1964	-	-	-	-	...
1965	-	-	-	-	...
1966	-	-	-	-	...
1967	-	-	-	-	...
1968	-	-	-	-	...
1969	-	-	-	-	...
1970	-	-	-	-	...
1971	-	-	-	-	...
1972	-	-	-	-	...
1973	-	-	-	-	...
1974	-	-	-	-	...
1975	-	-	-	-	...
1976	-	-	3	-	...
1977	-	-	1	-	...
1978	-	-	2	-	...
1979	-	-	8	-	...
1980	-	-	14	-	654
1981	-	-	14	-	790
1982	-	-	24	-	911
1983	-	3	62	-	871
1984	-	6	61	-	892
1985	-	7	40	-	887
1986	-	10	36	-	856
1987	-	13	35	-	981
1988	-	19	31	-	967
1989	-	25	35	-	398
1990	-	32	43	-	781
1991	-	39	43	-	783
1992	-	45	44	-	648
1993	-	43	42	-	624
1994	-	43	49	1	620
1995	-	42	44	2	603
1996	-	42	39	2	597
1997	-	42	35	5	606
1998	-	42	39	5	338
1999	8	42	36	7	417
2000	12	42	33	7	405
2001	6	41	32	-	384
2002	1	41	29	-	387
2003	...	36	26	-	380

ALBACORE IN THE SOUTH PACIFIC

Table 68. Longline catches (tonnes) of albacore in the South Pacific. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA	AUSTRALIA DOMESTIC	AUSTRALIA JAPAN JOINT VENTURE	CHINA	COOK ISLANDS	FIJI ISLANDS	FRENCH POLYNESIA	JAPAN	NEW CALEDONIA	NEW ZEALAND
1950	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	154	-	-
1953	-	-	-	-	-	-	-	803	-	-
1954	-	-	-	-	-	-	-	9,578	-	-
1955	-	-	-	-	-	-	-	8,625	-	-
1956	-	-	-	-	-	-	-	7,281	-	-
1957	-	-	-	-	-	-	-	8,757	-	-
1958	-	-	-	-	-	-	-	18,490	-	-
1959	-	-	-	-	-	-	-	17,385	-	-
1960	-	-	-	-	-	-	-	21,638	-	-
1961	-	-	-	-	-	-	-	23,412	-	-
1962	-	-	-	-	-	-	-	34,620	-	-
1963	-	-	-	-	-	-	-	29,120	-	-
1964	-	-	-	-	-	-	-	19,390	-	-
1965	-	-	-	-	-	-	-	17,793	-	-
1966	-	-	-	-	-	-	-	21,627	-	-
1967	-	-	-	-	-	-	-	15,104	-	-
1968	-	-	-	-	-	-	-	6,659	-	-
1969	-	-	-	-	-	-	-	4,894	-	-
1970	-	-	-	-	-	-	-	6,507	-	-
1971	-	-	-	-	-	-	-	4,355	-	-
1972	-	-	-	-	-	-	-	2,729	-	-
1973	-	-	-	-	-	-	-	2,452	-	-
1974	-	-	-	-	-	-	-	1,934	-	-
1975	-	-	-	-	-	-	-	1,060	-	-
1976	-	-	-	-	-	-	-	1,836	-	-
1977	-	-	-	-	-	-	-	2,182	-	-
1978	-	-	-	-	-	-	-	2,489	-	-
1979	-	-	-	-	-	-	-	2,320	-	-
1980	-	-	-	-	-	-	-	2,555	-	-
1981	-	-	-	-	-	-	-	4,898	-	-
1982	-	-	-	-	-	-	-	4,822	-	-
1983	-	-	-	-	-	-	-	4,991	12	-
1984	-	-	-	-	-	-	-	3,598	112	-
1985	-	0	-	-	-	-	-	3,676	131	-
1986	-	0	-	-	-	-	-	4,466	179	-
1987	-	129	-	-	-	-	-	4,103	563	-
1988	1	107	-	0	-	-	-	6,914	584	-
1989	-	93	463	0	-	3	-	4,890	566	9
1990	-	124	145	4	-	68	20	5,321	1,053	170
1991	1	158	67	0	-	208	100	4,633	909	85
1992	-	214	106	0	-	243	195	5,162	692	209
1993	0	186	126	1	-	463	714	8,168	755	345
1994	1	357	43	8	23	842	913	8,840	840	635
1995	27	438	19	5	32	702	772	7,331	332	810
1996	86	408	-	8	5	1,446	1,463	4,538	414	1,079
1997	309	302	-	2	...	1,842	2,595	4,797	277	847
1998	446	460	-	1	...	2,121	3,189	7,830	860	2,057
1999	338	359	-	3,473	...	2,279	2,580	3,872	690	2,103
2000	624	381	-	2,056	...	6,065	3,473	2,855	895	1,344
2001	3,253	570	-	2,711	2	7,971	4,261	4,798	1,020	2,093
2002	5,944	553	-	2,920	901	8,026	4,557	(4,798)	1,165	2,105
2003	3,925	487	-	6,222	1,457	6,881	3,846	(4,798)	1,111	2,040

Table 68 (continued). Longline catches (tonnes) of albacore in the South Pacific

YEAR	PAPUA NEW GUINEA	REPUBLIC OF KOREA	SAMOA	SOLOMON ISLANDS	CHINESE TAPEI DISTANT- WATER	TONGA	UNITED STATES	VANUATU	TOTAL
1950	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	154
1953	-	-	-	-	-	-	-	-	803
1954	-	-	-	-	...	-	-	-	9,578
1955	-	-	-	-	...	-	-	-	8,625
1956	-	-	-	-	...	-	-	-	7,281
1957	-	-	-	-	...	-	-	-	8,757
1958	-	146	-	-	...	-	-	-	18,636
1959	-	456	-	-	...	-	-	-	17,841
1960	-	610	-	-	...	-	-	-	22,248
1961	-	330	-	-	...	-	-	-	23,742
1962	-	599	-	-	...	-	-	-	35,219
1963	-	1,367	-	-	608	-	-	-	31,095
1964	-	2,911	-	-	629	-	-	-	22,930
1965	-	6,405	-	-	1,640	-	-	-	25,838
1966	-	10,817	-	-	6,669	-	-	-	39,113
1967	-	13,717	-	-	11,497	-	-	-	40,318
1968	-	10,138	-	-	12,254	-	-	-	29,051
1969	-	9,963	-	-	9,503	-	-	-	24,360
1970	-	11,599	-	-	14,484	-	-	-	32,590
1971	-	14,482	-	-	15,871	-	-	-	34,708
1972	-	14,439	-	-	16,674	-	-	-	33,842
1973	-	17,452	-	4	17,741	-	-	-	37,649
1974	-	12,194	-	-	16,857	-	-	-	30,985
1975	-	9,015	-	-	16,056	-	-	-	26,131
1976	-	9,058	-	6	13,206	-	-	-	24,106
1977	-	11,229	-	9	21,429	-	-	-	34,849
1978	-	11,658	-	9	20,702	-	-	-	34,858
1979	-	11,411	-	21	14,987	-	-	-	28,739
1980	-	10,449	-	25	17,998	-	-	-	31,027
1981	-	13,342	-	2	14,390	-	-	-	32,632
1982	-	10,769	-	8	12,634	106	-	-	28,339
1983	-	7,069	-	19	12,069	143	-	-	24,303
1984	-	5,321	-	19	11,155	135	-	-	20,340
1985	-	13,544	-	12	9,601	174	-	-	27,138
1986	-	15,877	-	-	11,913	206	-	-	32,641
1987	-	6,821	-	-	15,009	252	-	-	26,877
1988	-	6,563	-	-	17,120	242	-	-	31,531
1989	-	5,151	-	-	10,867	195	-	-	22,237
1990	-	3,947	-	-	11,619	152	-	-	22,623
1991	-	1,866	-	-	16,508	171	0	-	24,706
1992	-	2,271	-	-	20,956	199	0	-	30,247
1993	...	1,083	213	-	17,701	231	1	-	29,987
1994	0	+	641	-	19,731	343	1	-	33,218
1995	6	8	1,883	24	12,775	379	9	109	25,661
1996	38	215	1,775	100	11,909	431	1	192	24,108
1997	101	845	4,108	109	15,662	493	1	95	32,385
1998	104	3,514	4,742	370	13,812	616	6	10	40,138
1999	129	1,552	4,027	136	13,684	801	1	...	36,024
2000	159	916	4,067	224	15,917	862	0	...	39,838
2001	123	(916)	4,820	54	12,330	1,268	-	...	46,190
2002	136	(916)	4,223	127	12,635	1,189	-	513	50,708
2003	857	(916)	2,253	122	11,710	611	-	1,823	49,059

Table 69. Surface catches (tonnes) of albacore in the South Pacific. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA POLE-AND- LINE	AUSTRALIA RECREATION	AUSTRALIA TROLL	CANADA TROLL	FIJI ISLANDS TROLL	FRENCH POLYNESIA BONITIERS	FRENCH POLYNESIA POTI MARARA	FRENCH POLYNESIA TROLL	JAPAN POLE-AND- LINE
1950	-	-	-	-	-	-	...	-	...
1951	-	-	-	-	-	-	...	-	...
1952	-	-	-	-	-	-	...	-	...
1953	-	-	-	-	-	-	...	-	...
1954	-	-	-	-	-	-	...	-	...
1955	-	-	-	-	-	-	...	-	...
1956	-	-	-	-	-	-	...	-	...
1957	-	-	-	-	-	-	...	-	...
1958	-	-	-	-	-	-	...	-	...
1959	-	-	-	-	-	-	...	-	...
1960	-	-	-	-	-	-	...	-	45
1961	-	-	-	-	-	-	...	-	0
1962	-	-	-	-	-	-	...	-	0
1963	-	-	-	-	-	-	...	-	16
1964	-	-	-	-	-	-	...	-	0
1965	-	-	-	-	-	-	...	-	0
1966	-	-	-	-	-	-	...	-	0
1967	-	-	-	-	-	-	...	-	0
1968	-	-	-	-	-	-	...	-	0
1969	-	-	-	-	-	-	...	-	0
1970	100	-	-	-	-	-	...	-	0
1971	100	-	-	-	-	-	...	-	0
1972	100	-	-	-	-	-	...	-	22
1973	100	-	-	-	-	-	...	-	41
1974	100	-	-	-	-	-	...	-	709
1975	100	-	-	-	-	...	...	-	0
1976	100	-	-	-	-	...	...	-	0
1977	100	-	-	-	-	...	...	-	0
1978	100	-	-	-	-	...	...	-	0
1979	100	-	-	-	-	...	...	-	0
1980	100	-	-	-	-	...	...	-	1
1981	-	5	-	-	-	...	...	-	0
1982	-	6	-	-	-	...	...	-	1
1983	-	7	-	-	...	...	...	-	0
1984	-	8	-	-	-	...	...	-	2
1985	-	9	-	-	...	...	...	-	0
1986	-	10	-	-	...	...	...	-	0
1987	-	11	-	-	...	...	...	-	9
1988	-	12	-	235	...	...	...	-	0
1989	-	13	-	235	...	...	...	102	0
1990	-	15	-	235	...	3	53	299	0
1991	-	20	-	235	...	5	60	326	0
1992	-	20	50	235	...	5	38	72	0
1993	-	20	35	235	...	2	39	45	12
1994	-	20	50	235	...	3	58	-	2
1995	-	25	-	235	...	3	69	183	0
1996	-	50	...	136	...	4	80	69	0
1997	-	50	...	149	...	9	69	24	12
1998	-	50	10	167	...	8	30	-	38
1999	-	50	...	253	...	38	23	-	100
2000	-	50	+	351	...	8	89	-	22
2001	7	50	2	206	...	8	147	-	18
2002	...	50	2	144	...	7	99	-	(18)
2003	...	50	1	(144)	...	5	79	-	(18)

Table 69 (continued). Surface catches (tonnes) of albacore in the South Pacific

YEAR	JAPAN DRIFT NET	NEW ZEALAND POLE/LINE	NEW ZEALAND TROLL	NEW ZEALAND UNCLASS	REPUBLIC OF KOREA DRIFT NET	CHINESE TAIPEI DRIFT NET	UNITED STATES TROLL	TOTAL
1950	-	-	-	...	-	-	-	...
1951	-	-	-	...	-	-	-	...
1952	-	-	-	...	-	-	-	...
1953	-	-	-	...	-	-	-	...
1954	-	-	-	...	-	-	-	...
1955	-	-	-	...	-	-	-	...
1956	-	-	-	...	-	-	-	...
1957	-	-	-	...	-	-	-	...
1958	-	-	-	...	-	-	-	...
1959	-	-	-	...	-	-	-	...
1960	-	-	-	...	-	-	-	45
1961	-	-	-	...	-	-	-	0
1962	-	-	-	...	-	-	-	0
1963	-	-	-	...	-	-	-	16
1964	-	-	-	...	-	-	-	0
1965	-	-	-	...	-	-	-	0
1966	-	-	-	...	-	-	-	0
1967	-	-	5	...	-	-	-	5
1968	-	-	14	...	-	-	-	14
1969	-	-	...	...	-	-	-	0
1970	-	-	50	...	-	-	-	150
1971	-	-	...	...	-	-	-	100
1972	-	-	268	...	-	-	-	390
1973	-	-	484	...	-	-	-	625
1974	-	-	898	...	-	-	-	1,707
1975	-	-	646	...	-	-	-	746
1976	-	-	25	...	-	-	-	125
1977	-	-	621	...	-	-	-	721
1978	-	-	1,686	...	-	-	-	1,786
1979	-	-	814	...	-	-	-	914
1980	-	-	1,468	...	-	-	-	1,569
1981	-	-	2,085	...	-	-	-	2,090
1982	-	-	2,434	...	-	-	-	2,441
1983	32	-	744	...	-	-	-	783
1984	1,581	-	2,773	...	-	-	-	4,364
1985	1,928	-	3,253	...	-	-	-	5,190
1986	1,936	-	1,911	...	-	-	92	3,949
1987	919	-	1,256	...	-	-	878	3,073
1988	4,271	-	405	...	-	1,000	3,656	9,579
1989	13,263	-	4,361	...	172	8,520	3,672	30,338
1990	5,567	242	2,555	44	-	1,859	3,886	14,758
1991	-	9	2,350	15	-	1,394	4,894	9,308
1992	-	6	3,265	7	-	-	2,956	6,654
1993	-	60	2,971	11	-	-	1,010	4,440
1994	-	62	4,609	11	-	-	2,270	7,320
1995	-	136	5,339	10	-	-	1,951	7,951
1996	-	26	5,215	26	-	-	1,947	7,553
1997	-	0	2,767	14	-	-	1,739	4,833
1998	-	1	4,463	5	-	-	1,618	6,390
1999	-	0	1,799	1	-	-	1,339	3,603
2000	-	72	3,084	+	-	-	2,433	6,109
2001	-	4	3,254	2	-	-	2,105	5,803
2002	-	0	3,458	3	-	-	1,220	5,001
2003	-	3	3,979	9	-	-	1,184	5,472

BIGEYE IN THE WCPO

Table 70. Longline catches (tonnes) of bigeye in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA	AUSTRALIA DOMESTIC	AUSTRALIA- JAPAN JOINT VENTURE	CHINA	COOK ISLANDS	FEDERATED STATES OF MICRONESIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL
1950	-	-	-	-	-	-	-	-	...	...
1951	-	-	-	-	-	-	-	-	...	...
1952	-	-	-	-	-	-	-	-	...	...
1953	-	-	-	-	-	-	-	-	...	...
1954	-	-	-	-	-	-	-	-	...	...
1955	-	-	-	-	-	-	-	-	...	...
1956	-	-	-	-	-	-	-	-	...	...
1957	-	-	-	-	-	-	-	-	...	...
1958	-	-	-	-	-	-	-	-	...	...
1959	-	-	-	-	-	-	-	-	...	...
1960	-	-	-	-	-	-	-	-	...	...
1961	-	-	-	-	-	-	-	-	...	...
1962	-	-	-	-	-	-	-	-	...	...
1963	-	-	-	-	-	-	-	-	...	...
1964	-	-	-	-	-	-	-	-	...	...
1965	-	-	-	-	-	-	-	-	...	...
1966	-	-	-	-	-	-	-	-	...	...
1967	-	-	-	-	-	-	-	-	...	...
1968	-	-	-	-	-	-	-	-	...	...
1969	-	-	-	-	-	-	-	-	...	485
1970	-	-	-	-	-	-	-	-	...	565
1971	-	-	-	-	-	-	-	-	...	559
1972	-	-	-	-	-	-	-	-	...	732
1973	-	-	-	-	-	-	-	-	...	913
1974	-	-	-	-	-	-	-	-	...	1,091
1975	-	-	-	-	-	-	-	-	...	2,167
1976	-	-	-	-	-	-	-	-	...	2,833
1977	-	-	-	-	-	-	-	-	...	2,512
1978	-	-	-	-	-	-	-	-	105	2,883
1979	-	-	-	-	-	-	-	-	110	3,376
1980	-	-	-	-	-	-	-	-	127	2,658
1981	-	-	-	-	-	-	-	-	155	2,523
1982	-	-	-	-	-	-	-	-	310	2,904
1983	-	-	-	-	-	-	-	-	90	4,201
1984	-	-	-	-	-	-	-	-	144	5,168
1985	-	0	-	-	-	-	-	-	212	4,607
1986	-	1	-	-	-	-	-	-	210	4,475
1987	-	64	-	-	-	-	-	-	796	4,023
1988	0	43	-	24	-	-	-	-	836	5,012
1989	-	19	43	99	-	-	14	-	441	6,101
1990	-	24	6	276	-	-	27	4	474	7,053
1991	0	27	0	526	-	12	123	45	599	7,025
1992	-	34	0	1,400	-	47	187	57	660	7,302
1993	0	25	0	3,664	-	40	204	163	509	6,889
1994	0	123	10	7,846	8	72	249	165	474	5,974
1995	1	172	0	4,744	17	50	378	182	505	5,532
1996	4	293	-	3,261	3	79	593	184	600	6,067
1997	4	983	-	2,243	...	185	409	308	608	5,442
1998	10	1,166	-	1,836	...	521	460	402	652	4,846
1999	9	895	-	1,805	...	617	462	276	706	5,805
2000	21	753	-	1,981	...	895	687	711	770	6,042
2001	74	1,188	-	2,227	1	647	662	745	691	5,587
2002	196	885	-	2,312	67	723	853	649	747	4,942
2003	242	901	-	8,965	200	620	889	439	770	(4,942)

Table 70 (continued). Longline catches (tonnes) of bigeye in the WCPO

YEAR	JAPAN OFFSHORE & DISTANT- WATER	KIRIBATI	MARSHALL ISLANDS	NAURU	NEW CALEDONIA	NEW ZEALAND	PALAU	PAPUA NEW GUINEA	PHILIPPINES	REPUBLIC OF KOREA
1950	...	-	-	-	-	-	-	-	...	-
1951	...	-	-	-	-	-	-	-	...	-
1952	23,342	-	-	-	-	-	-	-	...	-
1953	21,783	-	-	-	-	-	-	-	...	-
1954	14,956	-	-	-	-	-	-	-	...	-
1955	23,752	-	-	-	-	-	-	-	...	-
1956	27,296	-	-	-	-	-	-	-	...	-
1957	34,725	-	-	-	-	-	-	-	...	-
1958	43,653	-	-	-	-	-	-	-	...	18
1959	39,169	-	-	-	-	-	-	-	...	24
1960	41,530	-	-	-	-	-	-	-	...	50
1961	35,657	-	-	-	-	-	-	-	...	9
1962	33,632	-	-	-	-	-	-	-	...	26
1963	40,061	-	-	-	-	-	-	-	...	242
1964	28,525	-	-	-	-	-	-	-	...	359
1965	26,293	-	-	-	-	-	-	-	...	1,303
1966	27,229	-	-	-	-	-	-	-	...	2,268
1967	26,316	-	-	-	-	-	-	-	...	2,699
1968	20,610	-	-	-	-	-	-	-	...	1,272
1969	25,276	-	-	-	-	-	-	-	...	1,838
1970	28,959	-	-	-	-	-	-	-	51	1,322
1971	30,126	-	-	-	-	-	-	-	57	940
1972	39,658	-	-	-	-	-	-	-	59	1,138
1973	28,231	-	-	-	-	-	-	-	70	2,523
1974	32,132	-	-	-	-	-	-	-	82	2,137
1975	32,148	-	-	-	-	-	-	-	83	13,543
1976	38,786	-	-	-	-	-	-	-	70	20,176
1977	41,843	-	-	-	-	-	-	-	100	15,978
1978	35,456	-	-	-	-	-	-	-	59	7,878
1979	37,173	-	-	-	-	-	-	-	78	12,448
1980	35,599	-	-	-	-	-	-	-	101	13,106
1981	28,390	-	-	-	-	-	-	-	139	7,838
1982	32,714	-	-	-	-	-	-	-	163	6,988
1983	28,998	-	-	-	1	-	-	-	243	5,923
1984	31,508	-	-	-	10	-	-	-	110	7,086
1985	33,348	-	-	-	17	-	-	-	156	10,022
1986	29,825	-	-	-	19	-	-	-	207	10,156
1987	38,429	-	-	-	37	-	-	-	325	15,119
1988	29,331	-	-	-	20	-	-	-	273	11,928
1989	32,189	-	-	-	27	+	-	-	297	9,774
1990	37,117	-	-	-	60	30	-	-	190	15,898
1991	25,507	-	-	-	60	44	-	...	224	12,103
1992	30,852	-	6	-	27	39	90	...	105	14,860
1993	25,795	-	67	-	106	74	66	0	90	12,580
1994	23,090	-	25	-	78	69	50	0	121	19,603
1995	19,747	1	10	-	103	60	...	19	114	15,389
1996	16,565	0	...	-	233	86	...	13	115	13,846
1997	21,471	-	-	-	234	140	6	56	126	10,915
1998	25,549	-	-	-	498	388	...	42	148	20,910
1999	21,911	-	-	-	553	420	...	60	169	16,967
2000	19,187	-	-	...	517	421	75	187	169	15,956
2001	20,219	-	-	...	128	480	21	260	157	17,354
2002	24,488	-	-	...	189	203	1	324	187	21,418
2003	20,573	-	-	9	142	159	1	377	238	9,658

Table 70 (continued). Longline catches (tonnes) of bigeye in the WCPO

YEAR	SAMOA	SOLOMON ISLANDS	CHINESE TAIPEI DISTANT-WATER	CHINESE TAIPEI OFFSHORE DOMESTIC	CHINESE TAIPEI OFFSHORE FOREIGN	TONGA	UNITED STATES	VANUATU	TOTAL
1950	-	-	-	...	-	-	781	-	...
1951	-	-	-	...	-	-	913	-	...
1952	-	-	-	...	-	-	1,013	-	24,355
1953	-	-	-	...	-	-	1,242	-	23,025
1954	-	-	...	...	-	-	1,248	-	16,204
1955	-	-	...	...	-	-	997	-	24,749
1956	-	-	...	...	-	-	1,046	-	28,342
1957	-	-	...	...	-	-	738	-	35,463
1958	-	-	...	...	-	-	719	-	44,390
1959	-	-	...	...	-	-	596	-	39,789
1960	-	-	...	...	-	-	567	-	42,147
1961	-	-	...	...	-	-	469	-	36,135
1962	-	-	...	...	-	-	548	-	34,206
1963	-	-	...	...	-	-	424	-	40,727
1964	-	-	53	...	-	-	379	-	29,316
1965	-	-	377	...	-	-	345	-	28,318
1966	-	-	918	...	-	-	346	-	30,761
1967	-	-	1,045	...	-	-	293	-	30,353
1968	-	-	1,390	...	-	-	256	-	23,528
1969	-	-	986	...	-	-	319	-	28,904
1970	-	-	1,726	1,149	-	-	215	-	33,987
1971	-	-	1,429	1,335	-	-	213	-	34,659
1972	-	-	1,704	1,812	-	-	226	-	45,329
1973	-	16	1,653	1,891	-	-	181	-	35,478
1974	-	-	1,496	1,906	-	-	185	-	39,029
1975	-	-	901	3,787	-	-	150	-	52,779
1976	-	25	801	1,628	-	-	194	-	64,513
1977	-	34	1,073	1,169	-	-	225	-	62,934
1978	-	36	1,008	1,780	-	-	189	-	49,394
1979	-	86	1,241	2,099	-	-	137	-	56,748
1980	-	98	1,468	871	-	-	17	-	54,045
1981	-	25	943	1,150	-	-	76	-	41,239
1982	-	24	468	777	-	18	373	-	44,739
1983	-	34	295	876	-	17	466	-	41,144
1984	-	57	475	1,034	-	28	536	-	46,156
1985	-	46	298	1,737	-	15	606	-	51,064
1986	-	-	181	723	-	12	676	-	46,485
1987	-	-	220	803	...	14	816	-	60,646
1988	-	-	186	1,274	...	6	1,233	-	50,166
1989	-	-	347	374	...	12	1,445	-	51,182
1990	-	-	627	410	3,080	11	1,520	-	66,807
1991	-	-	776	1,129	1,579	5	1,571	-	51,355
1992	-	-	1,896	1,085	3,185	5	1,495	-	63,332
1993	3	-	372	1,175	3,037	34	2,124	-	57,017
1994	14	-	733	1,575	4,856	19	1,793	-	66,947
1995	40	300	576	1,255	3,297	23	2,193	20	54,728
1996	27	403	278	1,587	2,384	60	1,933	67	48,681
1997	63	722	474	3,772	5,862	69	2,560	103	56,755
1998	334	726	1,121	3,669	5,035	86	3,327	53	71,779
1999	283	469	1,084	2,673	5,467	112	2,883	...	63,626
2000	177	364	934	2,092	4,441	120	2,736	...	59,236
2001	185	187	1,043	3,292	6,001	191	2,418	...	63,758
2002	137	393	5,642	2,150	5,754	215	4,396	31	76,902
2003	110	967	4,332	2,299	3,506	94	3,618	0	64,051

Table 71. Pole-and-line catches (tonnes) of bigeye in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; '*' = bigeye catch may be included in yellowfin estimate; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT- WATER	KIRIBATI	NEW CALEDONIA	NEW ZEALAND	PALAU
1950	-	-	-	...	...	...	-	-	-	-
1951	-	-	-	...	...	...	-	-	-	-
1952	-	-	-	...	2,100		-	-	-	-
1953	-	-	-	...	2,400		-	-	-	-
1954	-	-	-	...	2,100		-	-	-	-
1955	-	-	-	...	4,000		-	-	-	-
1956	-	-	-	...	4,400		-	-	-	-
1957	-	-	-	...	5,200		-	-	-	-
1958	-	-	-	...	4,200		-	-	-	-
1959	-	-	-	...	1,700		-	-	-	-
1960	-	-	-	...	1,500		-	-	-	-
1961	-	-	-	...	1,800		-	-	-	-
1962	-	-	-	...	800		-	-	-	-
1963	-	-	-	...	1,800		-	-	-	-
1964	-	-	-	...	1,100		-	-	-	*
1965	-	-	-	...	1,300		-	-	-	*
1966	-	-	-	...	1,100		-	-	-	*
1967	-	-	-	...	2,800		-	-	-	*
1968	-	-	-	...	2,300		-	-	-	*
1969	-	-	-	...	1,700		-	-	-	*
1970	-	-	-	...	1,600		-	-	-	*
1971	-	-	-	...	900		-	-	-	*
1972	-	-	-	...	135	1,627	-	-	-	*
1973	-	-	-	...	109	1,149	-	-	-	*
1974	-	*	-	...	69	970	-	-	-	*
1975	-	*	*	...	53	1,281	-	-	-	*
1976	*	*	*	51	59	3,313	-	-	-	*
1977	*	*	*	59	35	3,231	-	-	-	*
1978	*	*	*	116	38	3,183	-	-	-	*
1979	*	*	*	191	88	2,140	*	-	-	*
1980	*	*	*	227	22	1,994	*	-	-	*
1981	*	*	*	202	56	2,338	*	*	-	*
1982	*	*	*	189	109	3,810	*	*	-	*
1983	*	*	*	190	93	3,772	*	*	-	-
1984	*	*	*	228	26	3,211	*	-	-	-
1985	*	*	*	234	111	3,981	*	-	-	*
1986	*	*	*	228	118	2,519	*	-	-	*
1987	*	*	*	232	86	2,816	*	-	-	*
1988	*	*	*	244	221	3,660	*	-	-	*
1989	*	*	*	355	373	3,570	*	-	-	*
1990	*	*	*	443	144	3,331	*	-	0	*
1991	*	*	*	629	130	1,232	*	-	0	*
1992	*	*	*	654	75	1,028	*	-	0	*
1993	*	*	*	530	31	1,770	*	-	*	*
1994	*	17	*	699	323	1,908	4	-	*	*
1995	*	8	*	744	397	2,627	0	-	*	*
1996	*	1	*	884	428	2,549	2	-	*	*
1997	*	+	*	896	288	2,584	0	-	0	*
1998	*	*	*	962	180	1,352	-	-	0	*
1999	*	*	*	1,040	134	1,097	-	-	*	*
2000	*	*	*	1,135	125	1,792	-	-	0	*
2001	*	*	*	1,018	56	1,321	-	-	0	*
2002	*	*	*	1,101	43	1,714	-	-	0	*
2003	*	*	*	1,135	(43)	(1,714)	-	-	0	*

Table 71 (continued). Pole-and-line catches (tonnes) of bigeye in the WCPO

YEAR	PAPUA NEW GUINEA	SOLOMON ISLANDS	TUVALU	UNITED STATES	TOTAL
1950	-	-	-	-	...
1951	-	-	-	-	...
1952	-	-	-	-	2,100
1953	-	-	-	-	2,400
1954	-	-	-	-	2,100
1955	-	-	-	-	4,000
1956	-	-	-	-	4,400
1957	-	-	-	-	5,200
1958	-	-	-	-	4,200
1959	-	-	-	-	1,700
1960	-	-	-	-	1,500
1961	-	-	-	-	1,800
1962	-	-	-	-	800
1963	-	-	-	-	1,800
1964	-	-	-	-	1,100
1965	-	-	-	-	1,300
1966	-	-	-	-	1,100
1967	-	-	-	-	2,800
1968	-	-	-	-	2,300
1969	-	-	-	-	1,700
1970	*	-	-	*	1,600
1971	*	*	-	*	900
1972	*	*	-	*	1,762
1973	*	*	-	*	1,258
1974	*	*	-	*	1,039
1975	*	*	-	*	1,334
1976	*	*	-	*	3,423
1977	*	*	-	*	3,325
1978	*	*	-	*	3,337
1979	*	*	-	*	2,419
1980	*	*	-	*	2,243
1981	*	*	-	*	2,596
1982	-	*	*	*	4,108
1983	-	*	*	*	4,055
1984	*	*	*	*	3,465
1985	*	*	*	*	4,326
1986	-	*	*	*	2,865
1987	-	*	*	*	3,134
1988	-	*	*	*	4,125
1989	-	*	*	*	4,298
1990	-	*	*	*	3,918
1991	-	*	*	*	1,991
1992	-	*	*	*	1,757
1993	-	*	-	*	2,331
1994	-	*	-	*	2,951
1995	-	*	-	*	3,776
1996	-	*	-	*	3,864
1997	-	*	-	*	3,768
1998	-	*	-	*	2,494
1999	-	*	-	*	2,271
2000	-	*	-	*	3,052
2001	-	*	-	*	2,395
2002	-	*	-	*	2,858
2003	-	*	-	*	2,892

Table 72. Purse-seine catches (tonnes) of bigeye in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA DOMESTIC	AUSTRALIA DISTANT- WATER	CHINA	FEDERATED STATES OF MICRONESIA	INDONESIA DOMESTIC	INDONESIA DISTANT- WATER	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT- WATER	KIRIBATI
1950	-	-	-	-	...	-	...	...	-
1951	-	-	-	-	...	-	1,095	...	-
1952	-	-	-	-	...	-	1,039	...	-
1953	-	-	-	-	...	-	619	...	-
1954	-	-	-	-	...	-	360	...	-
1955	-	-	-	-	...	-	285	...	-
1956	-	-	-	-	...	-	908	...	-
1957	-	-	-	-	...	-	49	...	-
1958	-	-	-	-	...	-	48	...	-
1959	-	-	-	-	...	-	36	...	-
1960	-	-	-	-	...	-	58	...	-
1961	-	-	-	-	...	-	63	...	-
1962	-	-	-	-	...	-	173	...	-
1963	-	-	-	-	...	-	6	...	-
1964	-	-	-	-	...	-	231	...	-
1965	-	-	-	-	...	-	201	...	-
1966	-	-	-	-	...	-	9	...	-
1967	-	-	-	-	...	-	60	...	-
1968	-	-	-	-	...	-	183	...	-
1969	-	-	-	-	...	-	48	...	-
1970	-	-	-	-	...	-	85	0	-
1971	-	-	-	-	...	-	30	128	-
1972	-	-	-	-	...	-	1	136	-
1973	-	-	-	-	...	-	4	182	-
1974	-	-	-	-	...	-	25	372	-
1975	...	-	-	-	...	-	5	267	-
1976	...	-	-	-	...	-	18	390	-
1977	...	-	-	-	...	-	10	302	-
1978	...	-	-	-	...	-	12	609	-
1979	...	-	-	-	...	-	47	720	-
1980	...	-	-	-	218	-	0	564	-
1981	...	-	-	-	228	-	1	925	-
1982	...	-	-	-	143	-	0	1,131	-
1983	...	-	-	-	201	-	0	1,468	-
1984	...	-	-	-	211	...	5	702	-
1985	...	-	-	-	211	...	10	1,381	-
1986	-	-	-	-	165	75	5	1,531	-
1987	...	-	-	-	168	281	0	1,602	-
1988	-	4	-	-	177	236	0	606	-
1989	...	0	-	-	252	402	0	1,528	-
1990	...	87	-	-	267	...	0	2,122	-
1991	...	131	-	243	287	-	5	1,951	-
1992	...	64	-	315	271	-	0	2,563	-
1993	...	52	-	409	436	-	0	1,903	-
1994	...	-	-	288	588	-	0	1,676	26
1995	...	-	-	161	625	-	0	1,629	65
1996	...	-	-	104	743	-	0	1,494	69
1997	...	-	-	245	753	-	2	8,467	130
1998	...	-	-	184	808	-	0	2,706	99
1999	...	-	-	365	874	-	0	3,523	157
2000	...	-	-	334	954	-	0	4,779	63
2001	...	-	...	408	856	-	0	6,131	113
2002	...	-	45	308	926	-	2	4,587	89
2003	...	-	91	374	954	-	(2)	4,689	110

Table 72 (continued). Purse-seine catches (tonnes) of bigeye in the WCPO

YEAR	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE	PHILIPPINES DOMESTIC RINGNET	PHILIPPINES DISTANT-WATER	REPUBLIC OF KOREA	RUSSIA
1950	-	-	-	-	...	...	-	-	-
1951	-	-	-	-	...	...	-	-	-
1952	-	-	-	-	...	...	-	-	-
1953	-	-	-	-	...	...	-	-	-
1954	-	-	-	-	...	...	-	-	-
1955	-	-	-	-	...	...	-	-	-
1956	-	-	-	-	...	...	-	-	-
1957	-	-	-	-	...	...	-	-	-
1958	-	-	-	-	...	...	-	-	-
1959	-	-	-	-	...	...	-	-	-
1960	-	-	-	-	...	...	-	-	-
1961	-	-	-	-	...	...	-	-	-
1962	-	-	-	-	...	...	-	-	-
1963	-	-	-	-	...	...	-	-	-
1964	-	-	-	-	...	...	-	-	-
1965	-	-	-	-	...	...	-	-	-
1966	-	-	-	-	...	...	-	-	-
1967	-	-	-	-	*	*	-	-	-
1968	-	-	-	-	*	*	-	-	-
1969	-	-	-	-	*	*	-	-	-
1970	-	-	-	-	475	166	-	-	-
1971	-	-	-	-	532	186	-	-	-
1972	-	-	-	-	552	193	-	-	-
1973	-	-	-	-	661	231	-	-	-
1974	-	-	-	-	768	268	-	-	-
1975	-	-	...	-	784	274	-	-	-
1976	-	-	...	-	661	231	-	-	-
1977	-	-	...	-	936	327	-	-	-
1978	-	-	...	-	413	100	-	-	-
1979	-	-	...	-	876	351	-	-	-
1980	-	-	...	-	819	423	-	5	-
1981	-	-	...	-	1,434	380	-	43	-
1982	-	-	...	-	1,629	137	58	270	-
1983	-	11	0	-	1,742	333	-	100	-
1984	-	302	0	-	1,873	422	108	54	-
1985	-	-	0	-	1,538	615	441	161	0
1986	-	-	0	-	1,264	490	216	164	4
1987	-	-	...	-	1,517	289	512	1,321	30
1988	-	-	...	-	1,426	399	304	1,042	7
1989	-	-	...	-	1,553	435	1,221	1,869	14
1990	-	-	...	-	1,613	413	860	2,042	5
1991	-	-	...	-	1,901	487	910	2,426	10
1992	-	-	...	-	1,211	269	1,797	4,427	4
1993	-	-	...	-	445	155	1,182	2,481	28
1994	-	-	...	20	1,364	349	570	2,262	30
1995	-	-	...	164	1,489	381	1,327	2,306	...
1996	-	-	...	45	1,497	383	813	898	...
1997	-	-	...	988	1,645	421	1,102	2,241	...
1998	-	-	...	1,540	1,935	496	990	1,644	...
1999	-	-	...	1,055	2,207	565	605	1,471	...
2000	35	-	100	1,293	2,207	565	673	726	...
2001	139	-	121	2,226	2,041	523	801	496	...
2002	88	-	175	3,362	2,438	624	624	974	...
2003	336	-	384	2,681	3,108	796	544	662	...

Table 72 (continued). Purse-seine catches (tonnes) of bigeye in the WCPO

YEAR	SOLOMON ISLANDS	SPAIN	CHINESE TAIPEI	UNITED STATES	VANUATU	TOTAL
1950	-	-	-	-	-	...
1951	-	-	-	-	-	1,095
1952	-	-	-	-	-	1,039
1953	-	-	-	-	-	619
1954	-	-	-	-	-	360
1955	-	-	-	-	-	285
1956	-	-	-	-	-	908
1957	-	-	-	-	-	49
1958	-	-	-	-	-	48
1959	-	-	-	-	-	36
1960	-	-	-	-	-	58
1961	-	-	-	-	-	63
1962	-	-	-	-	-	173
1963	-	-	-	-	-	6
1964	-	-	-	-	-	231
1965	-	-	-	-	-	201
1966	-	-	-	-	-	9
1967	-	-	-	-	-	60
1968	-	-	-	-	-	183
1969	-	-	-	-	-	48
1970	-	-	-	-	-	726
1971	-	-	-	-	-	876
1972	-	-	-	-	-	882
1973	-	-	-	-	-	1,078
1974	-	-	-	-	-	1,433
1975	-	-	-	-	-	1,330
1976	-	-	-	12	-	1,312
1977	-	-	-	12	-	1,587
1978	-	-	-	12	-	1,146
1979	-	-	-	39	-	2,033
1980	56	-	-	77	-	2,162
1981	169	-	-	1,135	-	4,315
1982	181	-	-	1,600	-	5,149
1983	318	-	276	4,950	-	9,399
1984	301	-	427	4,442	-	8,847
1985	375	-	508	1,769	-	7,009
1986	280	-	724	2,591	-	7,509
1987	508	-	955	4,212	-	11,395
1988	377	-	779	1,948	-	7,305
1989	688	-	2,268	2,421	-	12,651
1990	426	-	2,546	1,762	-	12,143
1991	368	-	3,174	1,550	-	13,443
1992	709	-	4,325	3,480	-	19,435
1993	733	-	2,733	3,731	-	14,288
1994	593	-	1,762	1,711	5	11,244
1995	1,091	-	1,508	3,190	131	14,067
1996	706	-	797	9,860	84	17,493
1997	712	-	2,934	10,058	804	30,502
1998	505	-	1,384	5,377	530	18,198
1999	596	1,437	3,372	18,694	999	35,920
2000	208	3,644	1,900	11,700	140	29,321
2001	404	734	2,284	6,592	-	23,869
2002	283	48	2,643	3,508	-	20,724
2003	559	...	2,767	2,628	-	20,685

Table 73. Other catches (tonnes) of bigeye in the WCPO. Symbols: ‘...’ = missing data; ‘-’ = no effort; ‘0’ = effort, but no catch; ‘+’ = greater than zero, but less than 0.5 tonnes; ‘*’ = bigeye catch may be included in yellowfin estimate; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA UNCLASS	FIJI ISLANDS TROLL	FRENCH POLYNESIA POTI MARARA	INDONESIA HANDLINE	INDONESIA UNCLASS	JAPAN UNCLASS	NEW ZEALAND UNCLASS	PHILIPPINES GILL NET
1950	...	-	...	...	...	...	-	...
1951	...	-	...	...	...	...	-	...
1952	...	-	...	...	...	...	-	...
1953	...	-	...	...	...	...	-	...
1954	...	-	...	...	...	...	-	...
1955	...	-	...	...	...	...	-	...
1956	...	-	...	...	...	...	-	...
1957	...	-	...	...	...	...	-	...
1958	...	-	...	...	...	...	-	...
1959	...	-	...	...	...	...	-	...
1960	...	-	...	...	...	...	-	...
1961	...	-	...	...	...	...	-	...
1962	...	-	...	...	...	...	-	...
1963	...	-	...	...	...	...	-	...
1964	...	-	...	...	...	...	-	...
1965	...	-	...	...	...	...	-	...
1966	...	-	...	...	...	...	-	...
1967	...	-	...	...	...	...	-	...
1968	...	-	...	...	...	...	-	...
1969	...	-	...	...	...	...	-	...
1970	...	-	...	...	550	64	-	256
1971	...	-	...	...	570	24	-	286
1972	...	-	...	...	900	20	-	298
1973	...	-	...	...	1,020	58	-	356
1974	...	-	...	...	1,017	99	*	414
1975	...	-	...	...	1,106	200	*	422
1976	...	-	...	...	753	256	*	356
1977	...	-	...	...	1,027	198	*	504
1978	...	-	...	...	823	544	*	492
1979	...	-	...	...	1,148	347	*	203
1980	...	-	...	...	1,163	113	*	230
1981	...	-	...	...	1,579	152	*	266
1982	...	-	...	...	1,739	172	*	139
1983	...	*	...	...	1,524	134	*	126
1984	...	-	...	194	1,814	137	*	216
1985	...	*	...	218	2,013	228	*	204
1986	...	*	...	235	2,523	258	*	214
1987	...	*	...	240	2,473	173	*	216
1988	...	*	...	249	2,638	260	*	220
1989	...	*	...	234	3,135	379	*	240
1990	...	*	1	275	3,229	104	0	282
1991	...	*	1	379	3,960	354	0	333
1992	...	*	1	507	4,522	593	0	176
1993	...	*	1	411	3,661	137	0	114
1994	...	*	1	634	4,514	173	0	425
1995	...	-	1	675	4,804	206	0	166
1996	...	-	2	802	5,712	308	0	167
1997	...	...	2	813	5,787	372	0	183
1998	...	...	1	872	6,210	282	0	216
1999	...	...	2	944	6,717	240	0	246
2000	...	...	1	1,029	7,327	204	0	246
2001	...	...	1	924	6,576	211	0	227
2002	...	...	2	999	7,113	161	+	272
2003	12	...	2	1,030	7,332	(161)	0	346

Table 73 (continued). Other catches (tonnes) of bigeye in the WCPO

YEAR	PHILIPPINES HANDLINE	PHILIPPINES UNCLASS	CHINESE TAIPEI UNCLASS	USA HAWAII TROLL	TOTAL
1950	...	...	...	...	...
1951	...	...	...	...	...
1952	...	...	...	...	...
1953	...	...	...	...	...
1954	...	...	...	...	...
1955	...	...	...	...	...
1956	...	...	...	...	...
1957	...	...	...	...	...
1958	...	...	...	...	...
1959	...	...	...	...	...
1960	...	...	...	...	...
1961	...	...	...	...	...
1962	...	...	...	...	...
1963	...	...	...	...	...
1964	...	...	...	...	...
1965	...	...	...	...	...
1966	...	...	...	...	...
1967	...	...	...	...	...
1968	...	...	...	...	...
1969	...	...	...	...	...
1970	1,804	144	2	...	2,820
1971	2,018	162	0	...	3,060
1972	2,097	168	15	...	3,498
1973	2,509	201	74	...	4,218
1974	2,917	233	39	...	4,719
1975	2,976	238	1	...	4,943
1976	2,508	201	64	...	4,138
1977	3,555	285	68	...	5,637
1978	2,145	191	48	...	4,243
1979	2,750	201	13	...	4,662
1980	2,514	115	7	...	4,142
1981	2,774	147	1	...	4,919
1982	2,565	123	0	...	4,738
1983	2,786	412	5	...	4,987
1984	2,666	149	0	...	5,176
1985	3,053	334	70	...	6,120
1986	3,112	118	20	...	6,480
1987	2,271	138	52	...	5,563
1988	2,759	132	181	...	6,439
1989	3,005	143	1	...	7,137
1990	4,240	647	73	...	8,851
1991	4,998	763	0	...	10,788
1992	2,080	305	0	...	8,184
1993	2,271	359	97	...	7,051
1994	3,248	348	0	...	9,343
1995	3,067	356	1	...	9,276
1996	3,083	358	1	185	10,618
1997	3,388	394	(1)	92	11,032
1998	3,986	463	(1)	243	12,274
1999	4,546	528	(1)	97	13,321
2000	4,545	528	(1)	207	14,088
2001	4,204	489	(1)	233	12,866
2002	5,021	584	(1)	442	14,595
2003	6,402	744	(1)	175	16,205

SKIPJACK IN THE WCPO

Table 74. Pole-and-line catches (tonnes) of skipjack in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT- WATER	KIRIBATI	NEW CALEDONIA	NEW ZEALAND	PALAU
1950	-	-	-	...	...	...	-	-	-	-
1951	-	-	-	...	96,214		-	-	-	-
1952	-	-	-	...	78,518		-	-	-	-
1953	-	-	-	...	65,546		-	-	-	-
1954	-	-	-	...	88,073		-	-	-	-
1955	-	-	-	...	92,524		-	-	-	-
1956	-	-	-	...	91,950		-	-	-	-
1957	-	-	-	...	92,156		-	-	-	-
1958	-	-	-	...	131,441		-	-	-	-
1959	-	-	-	...	145,447		-	-	-	-
1960	-	-	-	...	70,428		-	-	-	-
1961	-	-	-	...	127,011		-	-	-	-
1962	-	-	-	...	152,387		-	-	-	-
1963	-	-	-	...	94,757		-	-	-	-
1964	-	-	-	...	136,081		-	-	-	1,025
1965	-	-	-	...	127,436		-	-	-	2,497
1966	-	-	-	...	212,985		-	-	-	2,615
1967	-	-	-	...	165,492		-	-	-	3,354
1968	-	-	-	...	157,340		-	-	-	5,039
1969	-	-	-	...	7,872	155,583	-	-	-	4,629
1970	-	-	-	...	6,237	181,201	-	-	-	8,081
1971	-	-	-	...	5,041	152,339	-	-	-	2,133
1972	-	-	-	...	10,935	141,020	-	-	-	1,463
1973	-	-	-	...	7,902	209,236	-	-	-	2,309
1974	-	...	-	...	12,864	219,455	-	-	-	6,647
1975	-	...	...	...	8,506	181,093	-	-	-	5,971
1976	46	658	...	...	10,070	221,015	-	-	-	4,911
1977	31	1,560	...	...	12,099	245,406	-	-	-	3,592
1978	146	2,115	...	...	17,673	238,267	-	-	-	9,391
1979	...	3,091	535	...	11,896	211,911	...	-	-	5,687
1980	...	2,263	683	19,676	13,538	236,542	...	-	-	5,580
1981	108	5,252	529	20,865	10,556	200,719	355	226	-	6,931
1982	196	3,675	666	22,121	12,841	200,154	288	827	-	3,438
1983	109	3,248	598	28,609	12,801	224,530	1,004	414	-	-
1984	78	3,992	824	42,910	11,835	284,495	1,280	-	-	-
1985	...	3,219	593	43,999	9,520	159,175	453	-	-	82
1986	77	2,288	729	48,305	13,090	233,723	891	-	-	112
1987	59	3,437	729	49,271	8,425	177,518	273	-	-	139
1988	490	3,405	441	51,735	11,505	201,004	927	-	-	119
1989	399	4,660	567	64,763	8,928	184,137	1,438	-	-	72
1990	1,177	3,196	1,423	70,537	7,357	122,391	452	-	0	80
1991	1,042	4,458	1,254	81,445	6,448	151,338	157	-	0	-
1992	800	3,705	1,122	75,455	7,554	118,649	248	-	0	61
1993	458	3,178	665	77,476	9,818	162,403	184	-	1	100
1994	295	3,379	1,004	90,472	7,537	108,944	121	-	6	100
1995	211	4,319	1,250	92,910	5,929	132,620	559	-	28	100
1996	763	3,124	945	101,060	5,811	97,916	7	-	115	100
1997	485	987	698	96,988	6,364	122,500	4	-	50	100
1998	266	459	784	130,601	6,845	124,191	-	-	1	100
1999	219	507	526	142,332	6,805	122,290	-	-	11	100
2000	27	343	440	144,100	8,926	138,860	-	-	11	100
2001	0	431	688	123,684	7,288	96,144	-	-	0	100
2002	39	(431)	513	130,770	6,901	90,466	-	-	0	100
2003	-	(431)	511	134,245	(6,901)	(90,466)	-	-	0	100

Table 74 (continued). Pole-and-line catches (tonnes) of skipjack in the WCPO

YEAR	PAPUA NEW GUINEA	SOLOMON ISLANDS	TUVALU	UNITED STATES	TOTAL
1950	-	-	-	...	...
1951	-	-	-	...	96,214
1952	-	-	-	...	78,518
1953	-	-	-	...	65,546
1954	-	-	-	...	88,073
1955	-	-	-	...	92,524
1956	-	-	-	...	91,950
1957	-	-	-	...	92,156
1958	-	-	-	...	131,441
1959	-	-	-	...	145,447
1960	-	-	-	...	70,428
1961	-	-	-	...	127,011
1962	-	-	-	...	152,387
1963	-	-	-	...	94,757
1964	-	-	-	...	137,106
1965	-	-	-	...	129,933
1966	-	-	-	...	215,600
1967	-	-	-	...	168,846
1968	-	-	-	...	162,379
1969	-	-	-	...	168,084
1970	2,354	-	-	...	197,873
1971	16,862	4,570	-	...	180,945
1972	11,785	7,668	-	...	172,871
1973	27,300	6,318	-	...	253,065
1974	40,214	10,022	-	...	289,202
1975	15,625	7,076	-	...	218,271
1976	24,358	15,523	-	...	276,581
1977	20,106	11,847	-	...	294,641
1978	45,760	18,049	-	...	331,401
1979	23,976	23,497	-	2,901	283,494
1980	30,976	21,411	-	1,796	332,465
1981	27,207	19,620	-	1,819	294,187
1982	-	16,464	163	1,400	262,233
1983	-	27,028	286	1,135	299,762
1984	2,470	29,541	513	1,536	379,474
1985	8,370	23,744	4	851	250,010
1986	-	36,159	378	942	336,694
1987	-	20,564	542	1,510	262,467
1988	-	28,613	1,069	1,723	301,031
1989	-	23,268	142	1,332	289,706
1990	-	17,427	64	487	224,591
1991	-	35,240	23	992	282,397
1992	-	18,226	6	763	226,589
1993	-	15,425	-	962	270,670
1994	-	19,013	-	514	231,385
1995	-	28,924	-	571	267,421
1996	-	19,215	-	835	229,891
1997	-	20,364	-	881	249,421
1998	-	22,089	-	382	285,718
1999	-	18,322	-	584	291,696
2000	-	2,632	-	320	295,759
2001	-	3,921	-	447	232,703
2002	-	9,290	-	304	238,814
2003	-	10,140	-	436	243,230

Table 75. Purse-seine catches (tonnes) of skipjack in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA DOMESTIC	AUSTRALIA DISTANT- WATER	CHINA	FEDERATED STATES OF MICRONESIA	INDONESIA DOMESTIC	INDONESIA DISTANT- WATER	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT- WATER	KIRIBATI
1950	-	-	-	-	...	-	...	...	-
1951	-	-	-	-	...	-	1,748	...	-
1952	-	-	-	-	...	-	3,716	...	-
1953	-	-	-	-	...	-	3,371	...	-
1954	-	-	-	-	...	-	4,534	...	-
1955	-	-	-	-	...	-	2,906	...	-
1956	-	-	-	-	...	-	2,145	...	-
1957	-	-	-	-	...	-	2,813	...	-
1958	-	-	-	-	...	-	10,698	...	-
1959	-	-	-	-	...	-	16,941	...	-
1960	-	-	-	-	...	-	3,728	...	-
1961	-	-	-	-	...	-	11,693	...	-
1962	-	-	-	-	...	-	11,674	...	-
1963	-	-	-	-	...	-	9,592	...	-
1964	-	-	-	-	...	-	25,064	...	-
1965	-	-	-	-	...	-	4,670	...	-
1966	-	-	-	-	...	-	10,968	...	-
1967	-	-	-	-	...	-	10,954	...	-
1968	-	-	-	-	...	-	7,485	...	-
1969	-	-	-	-	...	-	4,400	...	-
1970	-	-	-	-	...	-	4,321	415	-
1971	-	-	-	-	...	-	768	8,221	-
1972	-	-	-	-	...	-	653	12,311	-
1973	-	-	-	-	...	-	565	13,616	-
1974	-	-	-	-	...	-	575	5,886	-
1975	1,900	-	-	-	...	-	252	7,275	-
1976	...	-	-	-	...	-	572	17,741	-
1977	...	-	-	-	...	-	381	18,498	-
1978	113	-	-	-	...	-	880	25,821	-
1979	0	-	-	-	...	-	236	28,760	-
1980	17	-	-	-	5,514	-	721	48,820	-
1981	244	-	-	-	5,847	-	906	44,773	-
1982	31	-	-	-	6,199	-	398	75,152	-
1983	114	-	-	-	8,017	-	244	117,038	-
1984	56	-	-	-	9,152	...	196	128,975	-
1985	0	-	-	-	10,187	...	144	119,204	-
1986	-	-	-	-	7,313	7,121	388	130,900	-
1987	0	-	-	-	7,459	11,050	114	115,455	-
1988	-	101	-	-	7,823	11,050	45	183,673	-
1989	598	148	-	-	7,559	10,313	59	122,041	-
1990	121	3,543	-	-	7,994	...	66	140,134	-
1991	1,954	3,876	-	8,448	9,230	-	221	150,156	-
1992	6,158	437	-	11,657	10,751	-	121	140,177	-
1993	3,855	1,311	-	11,341	9,935	-	139	136,889	-
1994	3,219	-	-	17,351	10,698	-	65	160,151	895
1995	4,086	-	-	4,216	10,987	-	160	143,179	1,961
1996	1,981	-	-	6,745	11,950	-	19	156,177	4,104
1997	4,204	-	-	5,501	11,469	-	11	156,904	2,851
1998	1,014	-	-	11,314	15,444	-	100	230,247	5,414
1999	4,164	-	-	6,811	16,831	-	88	150,321	4,493
2000	3,955	-	-	15,253	17,040	-	41	171,638	3,701
2001	492	-	2,750	11,422	14,626	-	333	169,380	3,286
2002	45	-	7,713	15,351	15,464	-	222	188,052	4,261
2003	541	-	20,284	23,788	15,875	-	(222)	179,375	3,898

Table 75 (continued). Purse-seine catches (tonnes) of skipjack in the WCPO

YEAR	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE	PHILIPPINES DOMESTIC RINGNET	PHILIPPINES DISTANT-WATER	REPUBLIC OF KOREA	RUSSIA
1950	-	-	-	-	...	...	-	-	-
1951	-	-	-	-	...	...	-	-	-
1952	-	-	-	-	...	...	-	-	-
1953	-	-	-	-	...	...	-	-	-
1954	-	-	-	-	...	...	-	-	-
1955	-	-	-	-	...	...	-	-	-
1956	-	-	-	-	...	...	-	-	-
1957	-	-	-	-	...	...	-	-	-
1958	-	-	-	-	...	...	-	-	-
1959	-	-	-	-	...	...	-	-	-
1960	-	-	-	-	...	...	-	-	-
1961	-	-	-	-	...	...	-	-	-
1962	-	-	-	-	...	...	-	-	-
1963	-	-	-	-	...	...	-	-	-
1964	-	-	-	-	...	...	-	-	-
1965	-	-	-	-	...	...	-	-	-
1966	-	-	-	-	...	...	-	-	-
1967	-	-	-	-	...	...	-	-	-
1968	-	-	-	-	...	...	-	-	-
1969	-	-	-	-	...	...	-	-	-
1970	-	-	-	-	2,811	3,051	-	-	-
1971	-	-	-	-	3,007	3,265	-	-	-
1972	-	-	-	-	3,303	3,585	-	-	-
1973	-	-	-	-	3,710	4,028	-	-	-
1974	-	-	-	-	4,140	4,494	-	-	-
1975	-	-	...	-	4,449	4,830	-	-	-
1976	-	-	...	-	4,444	4,891	-	-	-
1977	-	-	...	-	15,647	4,765	-	-	-
1978	-	-	...	-	6,987	7,585	-	-	-
1979	-	-	...	-	22,426	5,702	-	-	-
1980	-	-	...	-	13,240	3,351	-	476	-
1981	-	-	...	-	14,048	4,683	-	1,462	-
1982	-	-	...	-	26,607	4,081	766	10,167	-
1983	-	388	5,581	-	36,645	4,210	-	15,417	-
1984	-	4,262	3,999	-	24,247	8,538	775	13,767	-
1985	-	-	2,289	-	28,477	14,303	9,148	9,655	1,604
1986	-	-	4,875	-	38,982	18,343	6,989	25,305	3,743
1987	-	-	3,763	-	39,125	11,873	12,035	40,918	5,614
1988	-	-	3,509	-	29,677	9,006	8,356	64,032	5,339
1989	-	-	5,424	-	34,300	10,409	16,668	80,903	3,400
1990	-	-	3,959	-	53,751	19,045	16,466	138,460	1,505
1991	-	-	5,256	-	62,078	14,612	17,529	171,951	2,601
1992	-	-	985	-	43,607	18,721	25,888	115,290	1,689
1993	-	-	937	-	34,555	19,231	20,225	73,989	5,499
1994	-	-	3,088	987	48,469	17,721	14,742	145,541	3,310
1995	-	-	1,654	9,404	61,185	31,166	19,810	137,848	...
1996	-	-	3,492	9,341	61,126	31,136	24,767	129,888	...
1997	-	-	6,510	11,396	61,178	31,162	22,553	121,468	...
1998	-	-	8,118	36,356	64,832	33,024	32,071	136,279	...
1999	-	-	5,656	29,197	60,445	30,789	24,533	110,317	...
2000	6,625	-	12,759	53,123	62,797	31,987	27,748	141,421	...
2001	32,583	-	8,300	66,652	58,614	29,857	15,421	143,716	...
2002	37,732	-	16,870	90,873	61,111	31,128	19,569	176,595	...
2003	35,272	-	18,346	121,448	76,860	39,150	24,339	153,312	...

Table 75 (continued). Purse-seine catches (tonnes) of skipjack in the WCPO

YEAR	SOLOMON ISLANDS	SPAIN	CHINESE TAIPEI	UNITED STATES	VANUATU	TOTAL
1950	-	-	-	-	-	...
1951	-	-	-	-	-	1,748
1952	-	-	-	-	-	3,716
1953	-	-	-	-	-	3,371
1954	-	-	-	-	-	4,534
1955	-	-	-	-	-	2,906
1956	-	-	-	-	-	2,145
1957	-	-	-	-	-	2,813
1958	-	-	-	-	-	10,698
1959	-	-	-	-	-	16,941
1960	-	-	-	-	-	3,728
1961	-	-	-	-	-	11,693
1962	-	-	-	-	-	11,674
1963	-	-	-	-	-	9,592
1964	-	-	-	-	-	25,064
1965	-	-	-	-	-	4,670
1966	-	-	-	-	-	10,968
1967	-	-	-	-	-	10,954
1968	-	-	-	-	-	7,485
1969	-	-	-	-	-	4,400
1970	-	-	-	-	-	10,598
1971	-	-	-	-	-	15,261
1972	-	-	-	-	-	19,852
1973	-	-	-	-	-	21,919
1974	-	-	-	-	-	15,095
1975	-	-	-	-	-	18,706
1976	-	-	-	500	-	28,148
1977	-	-	-	700	-	39,991
1978	-	-	-	800	-	42,186
1979	-	-	-	8,000	-	65,124
1980	497	-	-	9,900	-	82,536
1981	1,486	-	-	21,482	-	94,931
1982	1,598	-	-	49,705	-	174,704
1983	2,800	-	9,840	124,697	-	324,991
1984	3,050	-	20,160	113,755	-	330,932
1985	2,824	-	23,520	83,763	-	305,118
1986	3,267	-	34,400	87,983	-	369,609
1987	3,580	-	44,720	77,575	-	373,281
1988	6,467	-	66,880	93,636	-	489,594
1989	5,923	-	84,800	95,027	-	477,572
1990	4,417	-	104,960	110,044	-	604,465
1991	7,056	-	140,800	177,389	-	773,157
1992	5,993	-	169,400	155,898	-	706,772
1993	4,655	-	109,324	148,419	-	580,304
1994	7,648	-	134,736	151,486	730	720,837
1995	11,212	-	147,831	132,518	5,577	722,794
1996	7,270	-	161,407	120,127	8,080	737,610
1997	15,947	-	116,073	79,386	16,730	663,343
1998	16,573	-	193,728	131,573	28,982	945,069
1999	17,291	5,670	160,453	129,262	36,321	792,642
2000	6,159	6,427	194,499	80,272	33,075	868,520
2001	8,022	1,201	182,531	85,436	-	834,622
2002	4,884	142	229,415	87,029	-	986,456
2003	8,874	...	169,492	63,414	-	954,490

Table 76. Other catches (tonnes) of skipjack in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA TROLL	AUSTRALIA UNCLASS	FIJI ISLANDS TROLL	FRENCH POLYNESIA POTI MARARA	FRENCH POLYNESIA TROLL	GUAM TROLL	INDONESIA UNCLASS	JAPAN UNCLASS	KIRIBATI ARTISANAL	NEW ZEALAND UNCLASS
1950	...	...	-	...	-	...	2,645	...	...	-
1951	...	...	-	...	-	...	2,854	1,676	...	-
1952	...	...	-	...	-	...	3,079	2,614	...	-
1953	...	...	-	...	-	...	3,322	3,495	...	-
1954	...	...	-	...	-	...	3,584	3,101	...	-
1955	...	...	-	...	-	...	3,867	3,626	...	-
1956	...	...	-	...	-	...	4,173	3,428	...	-
1957	...	...	-	...	-	...	4,503	1,616	...	-
1958	...	...	-	...	-	...	4,859	4,184	...	-
1959	...	...	-	...	-	...	5,243	3,019	...	-
1960	...	...	-	...	-	...	5,657	3,119	...	-
1961	...	...	-	...	-	...	6,104	4,479	...	-
1962	...	...	-	...	-	...	6,586	3,050	...	-
1963	...	...	-	...	-	...	7,106	2,820	...	-
1964	...	...	-	...	-	...	7,667	4,105	...	-
1965	...	...	-	...	-	...	8,273	2,786	...	-
1966	...	...	-	...	-	...	8,927	3,807	...	-
1967	...	...	-	...	-	...	9,632	4,420	...	-
1968	...	...	-	...	-	...	10,393	2,984	...	-
1969	...	...	-	...	-	...	11,214	6,553	...	-
1970	...	...	-	...	-	...	12,100	6,670	...	-
1971	...	...	-	...	-	...	12,400	2,301	...	-
1972	...	...	-	...	-	...	19,600	6,243	...	-
1973	...	...	-	...	-	...	22,300	10,243	...	-
1974	...	...	-	...	-	...	23,613	6,112	...	-
1975	...	...	-	...	-	...	23,316	5,646	...	-
1976	...	...	-	...	-	...	25,338	7,047	...	-
1977	...	...	-	...	-	...	26,376	7,146	...	-
1978	...	...	-	...	-	...	29,422	10,296	...	-
1979	...	...	-	...	-	...	36,310	8,198	...	-
1980	...	...	-	...	-	12	19,055	8,472	...	-
1981	...	...	-	...	-	17	20,207	7,599	...	-
1982	7	...	-	...	-	57	21,380	11,590	...	-
1983	27	...	...	...	-	43	27,706	12,301	...	-
1984	53	...	-	...	-	98	18,149	13,912	...	-
1985	18	...	0	...	-	48	18,132	7,478	...	-
1986	62	...	8	...	-	34	13,225	15,863	...	-
1987	53	...	14	...	-	27	13,490	12,469	...	-
1988	69	...	13	...	-	96	14,165	18,393	...	-
1989	55	...	15	...	...	56	14,873	14,300	...	-
1990	23	...	18	56	...	67	15,617	18,217	...	116
1991	19	...	22	53	...	54	18,032	19,757	...	0
1992	31	...	43	47	...	56	40,413	15,040	...	0
1993	11	...	70	51	...	50	29,592	10,886	...	0
1994	61	...	41	63	...	85	24,828	6,999	...	0
1995	75	...	54	130	...	81	25,497	13,909	...	3
1996	24	0	58	144	...	108	27,733	7,369	...	+
1997	14	0	54	176	...	96	26,616	9,951	...	+
1998	7	0	(54)	474	-	86	35,839	9,718	...	2
1999	16	0	(54)	479	-	54	39,059	7,391	2,790	+
2000	7	1	(54)	377	-	121	39,545	16,528	5,850	+
2001	7	3	(54)	477	3	151	33,941	8,810	530	+
2002	5	1	(54)	515	...	80	35,886	7,756	2,520	+
2003	9	2	(54)	435	...	83	36,840	(7,756)	940	0

Table 76 (continued). Other catches (tonnes) of skipjack in the WCPO

YEAR	NORTHERN MARIANAS TROLL	PHILIPPINES GILL NET	PHILIPPINES HANDLINE	PHILIPPINES UNCLASS	CHINESE TAIPEI UNCLASS	USA HAWAII TROLL	TOTAL
1950	...	1,897	1,056	885	...	...	6,483
1951	...	2,005	1,145	922	...	...	8,602
1952	...	2,119	1,241	961	...	...	10,014
1953	...	2,240	1,345	1,001	...	...	11,403
1954	...	2,368	1,458	1,043	...	...	11,554
1955	...	2,503	1,581	1,087	...	...	12,664
1956	...	2,646	1,714	1,133	...	...	13,094
1957	...	2,797	1,858	1,181	...	...	11,955
1958	...	2,956	2,014	1,231	...	...	15,244
1959	...	3,125	2,183	1,283	...	...	14,853
1960	...	3,303	2,366	1,337	...	...	15,782
1961	...	3,491	2,565	1,393	...	...	18,032
1962	...	3,690	2,781	1,452	...	...	17,559
1963	...	3,900	3,015	1,513	...	...	18,354
1964	...	4,122	3,268	1,577	...	...	20,739
1965	...	4,357	3,542	1,643	...	...	20,601
1966	...	4,605	3,839	1,712	...	...	22,890
1967	...	4,867	4,161	1,784	...	...	24,864
1968	...	5,144	4,511	1,859	...	...	24,891
1969	...	5,437	4,890	1,937	...	...	30,031
1970	...	5,747	5,301	2,018	322	...	32,158
1971	...	6,149	5,672	2,160	466	...	29,148
1972	...	6,753	6,229	2,370	582	...	41,777
1973	...	7,586	6,997	2,664	536	...	50,326
1974	...	8,464	7,807	2,972	442	...	49,410
1975	...	9,096	8,391	3,194	533	...	50,176
1976	...	8,246	7,607	2,447	521	...	51,206
1977	...	14,608	13,475	3,870	945	...	66,420
1978	...	14,286	13,178	5,017	1,422	...	73,621
1979	...	3,677	10,006	1,269	940	...	60,400
1980	...	4,331	9,383	558	956	...	42,767
1981	...	2,995	14,406	1,867	1,112	...	48,203
1982	...	2,437	7,735	9,405	437	...	53,048
1983	84	1,815	8,999	4,936	931	...	56,842
1984	133	988	9,287	1,084	535	...	44,239
1985	80	2,183	10,309	4,529	776	...	43,553
1986	115	2,851	13,683	2,519	756	...	49,116
1987	74	2,656	14,627	3,449	966	...	47,825
1988	121	2,015	11,095	2,616	552	...	49,135
1989	118	2,328	12,823	3,024	861	...	48,453
1990	68	8,125	9,444	8,408	737	...	60,896
1991	53	8,257	9,598	7,192	960	...	63,997
1992	38	6,249	7,264	6,621	1,175	...	76,977
1993	44	1,452	8,351	4,029	1,084	...	55,620
1994	41	2,954	8,106	6,208	899	...	50,285
1995	60	1,202	11,655	4,147	1,764	155	58,732
1996	94	1,201	11,644	4,142	1,908	224	54,649
1997	76	1,202	11,654	4,145	1,339	197	55,520
1998	76	1,274	12,350	4,392	(1,339)	147	65,758
1999	48	1,188	11,514	4,095	(1,339)	184	68,211
2000	206	1,234	11,962	4,255	(1,339)	91	81,570
2001	261	1,152	11,166	3,971	(1,339)	114	61,979
2002	177	1,201	11,641	4,141	(1,339)	96	65,412
2003	77	1,510	14,641	5,209	(1,339)	78	68,973

YELLOWFIN IN THE WCPO

Table 77. Longline catches (tonnes) of yellowfin in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA	AUSTRALIA DOMESTIC	AUSTRALIA- JAPAN JOINT VENTURE	CHINA	COOK ISLANDS	FEDERATED STATES OF MICRONESIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL
1950	-	-	-	-	-	-	-	-	...	...
1951	-	-	-	-	-	-	-	-	...	...
1952	-	-	-	-	-	-	-	-	...	322
1953	-	-	-	-	-	-	-	-	...	0
1954	-	-	-	-	-	-	-	-	...	255
1955	-	-	-	-	-	-	-	-	...	154
1956	-	-	-	-	-	-	-	-	...	0
1957	-	-	-	-	-	-	-	-	...	353
1958	-	-	-	-	-	-	-	-	...	177
1959	-	-	-	-	-	-	-	-	...	327
1960	-	-	-	-	-	-	-	-	...	254
1961	-	-	-	-	-	-	-	-	...	295
1962	-	-	-	-	-	-	-	-	...	291
1963	-	-	-	-	-	-	-	-	...	267
1964	-	-	-	-	-	-	-	-	...	150
1965	-	-	-	-	-	-	-	-	...	195
1966	-	-	-	-	-	-	-	-	...	1,388
1967	-	-	-	-	-	-	-	-	...	2,187
1968	-	-	-	-	-	-	-	-	...	1,067
1969	-	-	-	-	-	-	-	-	...	2,459
1970	-	-	-	-	-	-	-	-	...	4,220
1971	-	-	-	-	-	-	-	-	...	3,057
1972	-	-	-	-	-	-	-	-	...	3,794
1973	-	-	-	-	-	-	-	-	...	2,576
1974	-	-	-	-	-	-	-	-	...	2,477
1975	-	-	-	-	-	-	-	-	...	5,237
1976	-	-	-	-	-	-	-	-	...	7,132
1977	-	-	-	-	-	-	-	-	...	7,605
1978	-	-	-	-	-	-	-	-	1,111	7,873
1979	-	-	-	-	-	-	-	-	1,164	6,867
1980	-	-	-	-	-	-	-	-	1,351	5,840
1981	-	-	-	-	-	-	-	-	1,651	5,123
1982	-	-	-	-	-	-	-	-	3,295	5,117
1983	-	-	-	-	-	-	-	-	958	6,207
1984	-	-	-	-	-	-	-	-	1,526	5,968
1985	-	9	-	-	-	-	-	-	2,254	6,229
1986	-	13	-	-	-	-	-	-	2,227	6,199
1987	-	1,164	-	-	-	-	-	-	8,458	7,148
1988	1	922	-	20	-	-	-	-	8,881	7,528
1989	-	833	80	45	-	-	10	-	4,683	7,685
1990	-	786	4	173	-	-	23	6	5,034	7,800
1991	0	807	0	481	-	11	106	118	6,365	8,034
1992	-	1,017	0	1,315	-	93	202	150	7,017	8,452
1993	1	781	1	2,754	-	61	319	366	5,410	7,950
1994	1	1,221	43	4,823	11	117	625	275	5,041	6,970
1995	2	1,313	0	5,837	22	153	949	297	5,364	6,886
1996	12	1,660	-	2,757	8	152	1,376	380	6,378	6,257
1997	22	1,680	-	1,419	...	267	970	420	6,462	6,079
1998	42	2,152	-	1,435	...	530	862	480	6,934	5,888
1999	64	1,839	-	2,237	...	225	725	756	7,499	5,500
2000	86	1,740	-	2,207	...	495	2,465	1,202	8,181	6,895
2001	183	2,557	-	1,919	1	345	2,082	967	7,342	5,944
2002	484	3,020	-	1,844	52	199	2,027	507	7,943	4,434
2003	496	3,110	-	3,358	179	314	2,482	621	8,186	(4,434)

Table 77 (continued). Longline catches (tonnes) of yellowfin in the WCPO

YEAR	JAPAN OFFSHORE & DISTANT- WATER	KIRIBATI	MARSHALL ISLANDS	NAURU	NEW CALEDONIA	NEW ZEALAND	PALAU	PAPUA NEW GUINEA	PHILIPPINES	REPUBLIC OF KOREA
1950	...	-	-	-	-	-	-	-	...	-
1951	...	-	-	-	-	-	-	-	...	-
1952	16,809	-	-	-	-	-	-	-	...	-
1953	22,926	-	-	-	-	-	-	-	...	-
1954	21,024	-	-	-	-	-	-	-	...	-
1955	19,721	-	-	-	-	-	-	-	...	-
1956	22,863	-	-	-	-	-	-	-	...	-
1957	39,348	-	-	-	-	-	-	-	...	-
1958	39,689	-	-	-	-	-	-	-	...	70
1959	40,665	-	-	-	-	-	-	-	...	67
1960	51,841	-	-	-	-	-	-	-	...	84
1961	49,618	-	-	-	-	-	-	-	...	46
1962	52,088	-	-	-	-	-	-	-	...	47
1963	49,887	-	-	-	-	-	-	-	...	252
1964	41,507	-	-	-	-	-	-	-	...	400
1965	39,627	-	-	-	-	-	-	-	...	1,430
1966	51,923	-	-	-	-	-	-	-	...	2,020
1967	24,954	-	-	-	-	-	-	-	...	2,071
1968	27,792	-	-	-	-	-	-	-	...	3,046
1969	29,116	-	-	-	-	-	-	-	...	4,975
1970	34,908	-	-	-	-	-	-	-	537	3,663
1971	29,974	-	-	-	-	-	-	-	601	3,832
1972	29,677	-	-	-	-	-	-	-	625	6,685
1973	30,906	-	-	-	-	-	-	-	748	6,653
1974	33,899	-	-	-	-	-	-	-	869	5,191
1975	28,921	-	-	-	-	-	-	-	887	9,529
1976	32,521	-	-	-	-	-	-	-	748	15,118
1977	43,950	-	-	-	-	-	-	-	1,059	16,179
1978	62,622	-	-	-	-	-	-	-	630	13,812
1979	50,879	-	-	-	-	-	-	-	829	18,421
1980	63,289	-	-	-	-	-	-	-	1,076	22,795
1981	53,594	-	-	-	-	-	-	-	1,480	10,245
1982	46,205	-	-	-	-	-	-	-	1,734	8,954
1983	47,526	-	-	-	9	-	-	-	2,581	8,445
1984	36,669	-	-	-	28	-	-	-	1,174	6,792
1985	38,278	-	-	-	133	-	-	-	1,663	10,047
1986	29,968	-	-	-	169	-	-	-	2,204	9,532
1987	28,045	-	-	-	502	-	-	-	3,449	10,059
1988	33,021	-	-	-	488	-	-	-	2,897	10,835
1989	25,639	-	-	-	278	6	-	-	3,156	7,841
1990	26,862	-	-	-	617	4	-	-	2,015	12,218
1991	19,221	-	-	-	567	6	-	...	2,375	8,247
1992	24,067	-	3	-	373	13	48	...	1,114	11,212
1993	24,052	-	70	-	433	14	39	8	954	8,118
1994	24,451	-	23	-	437	32	31	30	1,291	9,794
1995	25,189	5	12	-	839	94	...	149	1,214	9,483
1996	20,422	0	...	-	554	141	...	184	1,220	11,801
1997	17,370	...	-	-	466	121	1	389	1,341	9,649
1998	14,960	...	-	-	185	116	...	481	1,578	9,631
1999	11,120	...	-	-	373	149	...	490	1,799	6,452
2000	18,716	...	-	...	250	98	63	844	1,799	9,319
2001	11,239	...	-	...	570	130	41	1,793	1,663	12,298
2002	12,297	...	-	...	572	26	3	1,738	1,987	12,363
2003	12,501	...	-	5	754	38	19	1,686	2,534	8,477

Table 77 (continued). Longline catches (tonnes) of yellowfin in the WCPO

YEAR	SAMOA	SOLOMON ISLANDS	CHINESE TAIPEI DISTANT WATER	CHINESE TAIPEI OFFSHORE DOMESTIC	CHINESE TAIPEI OFFSHORE FOREIGN	TONGA	UNITED STATES	VANUATU	TOTAL
1950	-	-	-	...	-	-	269	-	...
1951	-	-	-	...	-	-	296	-	...
1952	-	-	-	...	-	-	322	-	17,453
1953	-	-	-	...	-	-	213	-	23,139
1954	-	-	...	1,192	-	-	191	-	22,662
1955	-	-	...	2,724	-	-	201	-	22,800
1956	-	-	...	2,377	-	-	96	-	25,336
1957	-	-	...	2,109	-	-	101	-	41,911
1958	-	-	...	1,753	-	-	115	-	41,804
1959	-	-	...	1,568	-	-	175	-	42,802
1960	-	-	...	1,301	-	-	137	-	53,617
1961	-	-	...	2,606	-	-	152	-	52,717
1962	-	-	...	5,513	-	-	110	-	58,049
1963	-	-	...	5,149	-	-	118	-	55,673
1964	-	-	124	5,671	-	-	133	-	47,985
1965	-	-	686	7,204	-	-	153	-	49,295
1966	-	-	2,115	8,635	-	-	159	-	66,240
1967	-	-	1,402	4,579	-	-	141	-	35,334
1968	-	-	3,715	7,202	-	-	99	-	42,921
1969	-	-	4,457	5,721	-	-	106	-	46,834
1970	-	-	3,369	6,132	-	-	251	-	53,080
1971	-	-	6,939	5,080	-	-	191	-	49,674
1972	-	-	6,826	3,323	-	-	160	-	51,090
1973	-	91	5,383	10,373	-	-	98	-	56,828
1974	-	-	3,758	7,778	-	-	130	-	54,102
1975	-	-	2,339	13,539	-	-	102	-	60,554
1976	-	146	2,534	12,425	-	-	111	-	70,735
1977	-	198	2,336	16,471	-	-	176	-	87,974
1978	-	207	3,792	19,165	-	-	172	-	109,384
1979	-	493	3,523	22,629	-	-	145	-	104,950
1980	-	564	3,707	18,265	-	-	536	-	117,423
1981	-	146	1,851	17,778	-	-	673	-	92,541
1982	-	306	916	16,508	-	81	708	-	83,824
1983	-	443	750	16,260	-	48	361	-	83,588
1984	-	213	890	16,107	-	55	330	-	69,752
1985	-	151	897	13,554	-	44	300	-	73,559
1986	-	-	582	10,884	-	33	269	-	62,080
1987	-	-	821	14,061	...	32	261	-	74,000
1988	-	-	1,530	14,337	...	26	595	-	81,081
1989	-	-	827	11,933	...	27	988	-	64,031
1990	-	-	1,389	10,801	3,473	27	1,103	-	72,335
1991	-	-	1,096	8,689	3,353	19	756	-	60,251
1992	-	-	1,392	10,151	3,332	19	362	-	70,332
1993	81	-	593	8,450	2,799	64	633	-	63,951
1994	73	-	1,771	8,136	6,768	46	615	-	72,625
1995	216	199	1,552	9,650	8,865	59	1,073	47	79,469
1996	573	533	909	10,364	9,189	88	816	276	76,050
1997	1,327	886	954	9,994	7,032	100	1,245	265	68,459
1998	801	657	811	9,456	4,948	125	859	25	62,956
1999	681	533	977	10,347	6,578	163	549	...	59,056
2000	1,120	557	1,399	8,376	7,042	175	1,195	...	74,224
2001	470	159	1,522	12,741	7,106	259	1,016	...	72,347
2002	369	412	5,215	9,145	7,895	263	572	137	73,504
2003	293	362	3,972	10,567	4,814	263	809	134	70,408

Table 78. Pole-and-line catches (tonnes) of yellowfin in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT- WATER	KIRIBATI	NEW CALEDONIA	NEW ZEALAND	PALAU
1950	-	-	-	...	...	...	-	-	-	-
1951	-	-	-	...	...	...	-	-	-	-
1952	-	-	-	...	2,595		-	-	-	-
1953	-	-	-	...	5,228		-	-	-	-
1954	-	-	-	...	4,268		-	-	-	-
1955	-	-	-	...	3,983		-	-	-	-
1956	-	-	-	...	4,399		-	-	-	-
1957	-	-	-	...	1,669		-	-	-	-
1958	-	-	-	...	2,934		-	-	-	-
1959	-	-	-	...	4,119		-	-	-	-
1960	-	-	-	...	1,872		-	-	-	-
1961	-	-	-	...	3,259		-	-	-	-
1962	-	-	-	...	4,225		-	-	-	-
1963	-	-	-	...	2,071		-	-	-	-
1964	-	-	-	...	4,932		-	-	-	141
1965	-	-	-	...	3,261		-	-	-	173
1966	-	-	-	...	2,121		-	-	-	71
1967	-	-	-	...	3,073		-	-	-	52
1968	-	-	-	...	2,689		-	-	-	17
1969	-	-	-	...	2,581		-	-	-	133
1970	-	-	-	...	1,932		-	-	-	1
1971	-	-	-	...	2,382		-	-	-	10
1972	-	-	-	...	258	5,544	-	-	-	56
1973	-	-	-	...	234	6,057	-	-	-	41
1974	-	12	-	...	253	4,407	-	-	-	161
1975	-	11	...	...	285	5,370	-	-	-	298
1976	1	84	...	456	213	7,351	-	-	-	412
1977	0	151	...	532	104	9,906	-	-	-	420
1978	16	409	...	1,044	149	7,633	-	-	-	303
1979	...	403	161	1,716	224	5,836	...	-	-	1
1980	...	233	253	2,042	111	6,191	...	-	-	996
1981	0	584	472	1,814	147	9,054	209	3	-	2,480
1982	5	753	368	1,698	301	9,499	169	41	-	615
1983	0	490	238	1,710	191	9,338	590	25	-	-
1984	5	580	426	2,054	347	8,702	751	-	-	-
1985	...	724	243	2,110	502	12,925	266	-	-	15
1986	0	823	232	2,050	326	8,410	523	-	-	19
1987	0	425	149	2,091	317	8,454	161	-	-	22
1988	0	464	274	2,195	502	8,129	545	-	-	38
1989	63	461	187	3,198	472	9,146	844	-	-	5
1990	22	478	138	3,990	211	6,970	143	-	0	8
1991	10	368	251	5,660	182	5,404	67	-	0	-
1992	1	395	248	5,887	209	6,904	303	-	0	14
1993	4	628	236	4,767	157	4,529	108	-	2	...
1994	29	743	161	6,291	259	4,035	71	-	1	...
1995	9	558	306	6,694	503	4,527	48	-	11	...
1996	75	164	126	7,960	384	4,883	5	-	6	...
1997	43	46	142	8,065	492	3,727	1	-	0	...
1998	0	7	118	8,654	477	3,062	-	-	0	...
1999	(0)	0	160	9,360	515	3,646	-	-	1	...
2000	(3)	2	110	10,211	377	3,475	-	-	0	...
2001	0	44	84	9,164	520	2,616	-	-	0	...
2002	0	(44)	99	9,913	874	2,501	-	-	0	...
2003	-	(44)	69	10,217	(874)	(2,501)	-	-	0	...

Table 78 (continued). Pole-and-line catches (tonnes) of yellowfin in the WCPO

YEAR	PAPUA NEW GUINEA	SOLOMON ISLANDS	TUVALU	UNITED STATES	TOTAL
1950	-	-	-	...	...
1951	-	-	-	...	...
1952	-	-	-	...	2,595
1953	-	-	-	...	5,228
1954	-	-	-	...	4,268
1955	-	-	-	...	3,983
1956	-	-	-	...	4,399
1957	-	-	-	...	1,669
1958	-	-	-	...	2,934
1959	-	-	-	...	4,119
1960	-	-	-	...	1,872
1961	-	-	-	...	3,259
1962	-	-	-	...	4,225
1963	-	-	-	...	2,071
1964	-	-	-	...	5,073
1965	-	-	-	...	3,434
1966	-	-	-	...	2,192
1967	-	-	-	...	3,125
1968	-	-	-	...	2,706
1969	-	-	-	...	2,714
1970	74	-	-	18	2,025
1971	112	141	-	22	2,667
1972	1,345	237	-	25	7,465
1973	916	195	-	14	7,457
1974	1,416	310	-	23	6,582
1975	1,744	18	-	25	7,751
1976	8,563	63	-	43	17,186
1977	4,009	114	-	21	15,257
1978	3,099	52	-	62	12,767
1979	2,881	192	-	49	11,463
1980	3,018	197	-	91	13,132
1981	4,205	211	-	89	19,268
1982	-	227	53	106	13,835
1983	-	578	51	55	13,266
1984	274	338	27	54	13,558
1985	930	338	...	103	18,156
1986	-	565	12	114	13,074
1987	-	1,456	90	78	13,243
1988	-	1,189	21	76	13,433
1989	-	776	7	10	15,169
1990	-	1,100	26	17	13,103
1991	-	953	6	20	12,921
1992	-	1,246	2	16	15,225
1993	-	2,263	-	4	12,698
1994	-	2,144	-	9	13,743
1995	-	2,391	-	16	15,063
1996	-	1,875	-	1	15,479
1997	-	1,257	-	0	13,773
1998	-	1,215	-	1	13,534
1999	-	982	-	10	14,674
2000	-	141	-	1	14,320
2001	-	153	-	2	12,583
2002	-	405	-	2	13,838
2003	-	655	-	23	14,383

Table 79. Purse-seine catches (tonnes) of yellowfin in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA DOMESTIC	AUSTRALIA DISTANT- WATER	CHINA	FEDERATED STATES OF MICRONESIA	INDONESIA DOMESTIC	INDONESIA DISTANT- WATER	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT- WATER	KIRIBATI
1950	-	-	-	-	...	-	...	...	-
1951	-	-	-	-	...	-	938	...	-
1952	-	-	-	-	...	-	2,565	...	-
1953	-	-	-	-	...	-	1,260	...	-
1954	-	-	-	-	...	-	4,001	...	-
1955	-	-	-	-	...	-	2,944	...	-
1956	-	-	-	-	...	-	724	...	-
1957	-	-	-	-	...	-	1,496	...	-
1958	-	-	-	-	...	-	3,338	...	-
1959	-	-	-	-	...	-	4,316	...	-
1960	-	-	-	-	...	-	1,438	...	-
1961	-	-	-	-	...	-	2,777	...	-
1962	-	-	-	-	...	-	6,975	...	-
1963	-	-	-	-	...	-	2,277	...	-
1964	-	-	-	-	...	-	3,647	...	-
1965	-	-	-	-	...	-	3,752	...	-
1966	-	-	-	-	...	-	5,844	...	-
1967	-	-	-	-	...	-	3,395	...	-
1968	-	-	-	-	...	-	6,888	...	-
1969	-	-	-	-	...	-	3,857	...	-
1970	-	-	-	-	...	-	3,347	223	-
1971	-	-	-	-	...	-	1,536	3,355	-
1972	-	-	-	-	...	-	841	5,718	-
1973	-	-	-	-	...	-	1,575	7,735	-
1974	-	-	-	-	...	-	797	9,724	-
1975	...	-	-	-	...	-	66	5,777	-
1976	...	-	-	-	...	-	944	7,651	-
1977	...	-	-	-	...	-	74	6,807	-
1978	0	-	-	-	...	-	522	8,523	-
1979	0	-	-	-	...	-	684	19,023	-
1980	0	-	-	-	1,959	-	878	20,077	-
1981	0	-	-	-	2,048	-	46	27,539	-
1982	0	-	-	-	1,285	-	420	31,098	-
1983	0	-	-	-	1,812	-	5	30,830	-
1984	0	-	-	-	1,897	...	149	38,662	-
1985	0	-	-	-	1,896	...	119	47,941	-
1986	-	-	-	-	1,485	1,366	28	44,467	-
1987	0	-	-	-	1,515	1,839	130	44,634	-
1988	-	26	-	-	1,590	1,714	2	30,125	-
1989	26	15	-	-	2,268	2,141	5	40,872	-
1990	0	866	-	-	2,399	...	0	37,757	-
1991	0	1,222	-	2,624	2,586	-	0	48,598	-
1992	0	561	-	3,360	2,435	-	12	53,099	-
1993	6	347	-	4,306	3,926	-	3	57,858	-
1994	0	-	-	3,871	5,288	-	0	39,866	202
1995	0	-	-	1,909	5,627	-	28	45,183	972
1996	8	-	-	739	6,691	-	1	24,539	646
1997	13	-	-	2,578	6,779	-	8	57,475	2,222
1998	0	-	-	2,682	7,273	-	68	37,712	2,064
1999	0	-	-	3,186	7,867	-	3	43,847	1,423
2000	0	-	-	4,943	8,582	-	6	36,590	1,209
2001	0	-	340	5,204	7,702	-	2	33,737	1,220
2002	0	-	798	3,958	8,331	-	87	19,138	947
2003	0	-	3,286	5,394	8,587	-	(87)	26,592	1,322

Table 79 (continued). Purse-seine catches (tonnes) of yellowfin in the WCPO

YEAR	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE	PHILIPPINES DOMESTIC RINGNET	PHILIPPINES DISTANT-WATER	REPUBLIC OF KOREA	RUSSIA
1950	-	-	-	-	...	...	-	-	-
1951	-	-	-	-	...	...	-	-	-
1952	-	-	-	-	...	...	-	-	-
1953	-	-	-	-	...	...	-	-	-
1954	-	-	-	-	...	...	-	-	-
1955	-	-	-	-	...	...	-	-	-
1956	-	-	-	-	...	...	-	-	-
1957	-	-	-	-	...	...	-	-	-
1958	-	-	-	-	...	...	-	-	-
1959	-	-	-	-	...	...	-	-	-
1960	-	-	-	-	...	...	-	-	-
1961	-	-	-	-	...	...	-	-	-
1962	-	-	-	-	...	...	-	-	-
1963	-	-	-	-	...	...	-	-	-
1964	-	-	-	-	...	...	-	-	-
1965	-	-	-	-	...	...	-	-	-
1966	-	-	-	-	...	...	-	-	-
1967	-	-	-	-	...	...	-	-	-
1968	-	-	-	-	...	...	-	-	-
1969	-	-	-	-	...	...	-	-	-
1970	-	-	-	-	4,277	1,511	-	-	-
1971	-	-	-	-	4,784	1,690	-	-	-
1972	-	-	-	-	4,972	1,757	-	-	-
1973	-	-	-	-	5,947	2,102	-	-	-
1974	-	-	-	-	6,914	2,444	-	-	-
1975	-	-	...	-	7,055	2,493	-	-	-
1976	-	-	...	-	5,945	2,100	-	-	-
1977	-	-	...	-	8,428	2,978	-	-	-
1978	-	-	...	-	3,720	910	-	-	-
1979	-	-	...	-	7,884	3,190	-	-	-
1980	-	-	...	-	7,369	3,852	-	63	-
1981	-	-	...	-	12,909	3,459	-	539	-
1982	-	-	...	-	14,659	1,251	417	1,772	-
1983	-	69	239	-	15,676	3,028	-	699	-
1984	-	2,036	231	-	16,855	3,839	738	362	-
1985	-	-	170	-	13,843	5,595	2,890	1,463	507
1986	-	-	0	-	11,376	4,461	1,414	2,263	428
1987	-	-	0	-	13,654	2,627	3,355	16,472	3,351
1988	-	-	0	-	12,830	3,633	3,124	14,323	843
1989	-	-	0	-	13,973	3,957	6,435	32,897	1,521
1990	-	-	0	-	14,515	3,760	6,675	32,841	616
1991	-	-	0	-	17,109	4,431	8,103	52,994	1,104
1992	-	-	0	-	10,895	2,447	11,154	62,570	433
1993	-	-	0	-	4,001	1,411	8,327	50,178	3,187
1994	-	-	0	344	12,275	3,180	4,347	47,201	3,382
1995	-	-	0	2,958	13,402	3,472	6,736	35,310	...
1996	-	-	5	951	13,473	3,490	8,460	18,030	...
1997	-	-	0	6,470	14,806	3,835	11,363	35,264	...
1998	-	-	0	12,204	17,416	4,511	10,793	58,354	...
1999	-	-	0	8,049	19,865	5,145	6,286	30,058	...
2000	900	-	776	13,211	19,859	5,144	7,096	27,878	...
2001	3,052	-	834	24,207	18,372	4,758	9,465	33,860	...
2002	1,132	-	3,097	27,099	21,941	5,683	7,018	28,533	...
2003	2,267	-	3,134	33,731	27,975	7,246	6,992	36,478	...

Table 79 (continued). Purse-seine catches (tonnes) of yellowfin in the WCPO

YEAR	SOLOMON ISLANDS	SPAIN	CHINESE TAIPEI	UNITED STATES	VANUATU	TOTAL
1950	-	-	-	-	-	...
1951	-	-	-	-	-	938
1952	-	-	-	-	-	2,565
1953	-	-	-	-	-	1,260
1954	-	-	-	-	-	4,001
1955	-	-	-	-	-	2,944
1956	-	-	-	-	-	724
1957	-	-	-	-	-	1,496
1958	-	-	-	-	-	3,338
1959	-	-	-	-	-	4,316
1960	-	-	-	-	-	1,438
1961	-	-	-	-	-	2,777
1962	-	-	-	-	-	6,975
1963	-	-	-	-	-	2,277
1964	-	-	-	-	-	3,647
1965	-	-	-	-	-	3,752
1966	-	-	-	-	-	5,844
1967	-	-	-	-	-	3,395
1968	-	-	-	-	-	6,888
1969	-	-	-	-	-	3,857
1970	-	-	-	-	-	9,358
1971	-	-	-	-	-	11,365
1972	-	-	-	-	-	13,288
1973	-	-	-	-	-	17,359
1974	-	-	-	-	-	19,879
1975	-	-	-	-	-	15,391
1976	-	-	-	188	-	16,828
1977	-	-	-	188	-	18,475
1978	-	-	-	188	-	13,863
1979	-	-	-	581	-	31,362
1980	393	-	-	1,023	-	35,614
1981	1,173	-	-	15,164	-	62,877
1982	1,263	-	-	21,390	-	73,555
1983	2,212	-	1,884	49,718	-	106,172
1984	2,096	-	3,413	41,370	-	111,648
1985	2,507	-	3,972	22,422	-	103,325
1986	1,978	-	4,876	30,577	-	104,719
1987	3,329	-	6,325	59,416	-	156,647
1988	3,867	-	8,341	18,832	-	99,250
1989	3,607	-	13,732	42,886	-	164,335
1990	3,242	-	20,494	52,089	-	175,254
1991	3,271	-	32,026	37,330	-	211,398
1992	4,384	-	46,275	43,693	-	241,318
1993	4,930	-	58,642	46,011	-	243,133
1994	4,527	-	43,061	56,426	85	224,055
1995	5,524	-	33,156	31,845	1,043	187,165
1996	8,595	-	16,951	19,417	706	122,702
1997	7,445	-	48,189	54,638	8,562	259,647
1998	6,243	-	63,581	37,678	9,578	270,157
1999	7,333	1,506	41,905	34,529	10,337	221,339
2000	2,644	2,825	38,579	33,379	2,415	206,036
2001	4,317	467	45,853	23,496	-	216,886
2002	2,913	24	26,068	28,621	-	185,388
2003	5,745	...	29,058	21,952	-	219,846

Table 80. Other catches (tonnes) of yellowfin in the WCPO. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA TROLL	AUSTRALIA UNCLASS	FIJI ISLANDS TROLL	FRENCH POLYNESIA POTI MARARA	FRENCH POLYNESIA TROLL	GUAM TROLL	INDONESIA HANDLINE	INDONESIA UNCLASS	JAPAN UNCLASS	KIRIBATI ARTISANAL
1950	...	...	-	...	-	...	...	625	...	...
1951	...	...	-	...	-	...	...	693	1,020	...
1952	...	...	-	...	-	...	...	768	638	...
1953	...	...	-	...	-	...	...	852	431	...
1954	...	...	-	...	-	...	...	945	750	...
1955	...	...	-	...	-	...	...	1,048	1,009	...
1956	...	...	-	...	-	...	...	1,162	544	...
1957	...	...	-	...	-	...	...	1,289	514	...
1958	...	...	-	...	-	...	...	1,429	977	...
1959	...	...	-	...	-	...	...	1,585	1,178	...
1960	...	...	-	...	-	...	...	1,758	582	...
1961	...	...	-	...	-	...	...	1,950	808	...
1962	...	...	-	...	-	...	...	2,163	953	...
1963	...	...	-	...	-	...	...	2,399	453	...
1964	...	...	-	...	-	...	...	2,660	864	...
1965	...	...	-	...	-	...	...	2,950	466	...
1966	...	...	-	...	-	...	...	3,271	1,662	...
1967	...	...	-	...	-	...	...	3,628	3,212	...
1968	...	...	-	...	-	...	...	4,024	1,553	...
1969	...	...	-	...	-	...	...	4,463	535	...
1970	...	...	-	...	-	...	...	4,950	1,287	...
1971	...	...	-	...	-	...	...	5,130	227	...
1972	...	...	-	...	-	...	...	8,100	839	...
1973	...	...	-	...	-	...	...	9,180	430	...
1974	...	...	-	...	-	...	...	9,149	690	...
1975	...	...	-	...	-	...	...	9,956	572	...
1976	...	...	-	...	-	...	...	6,777	871	...
1977	...	...	-	...	-	...	...	9,241	536	...
1978	...	...	-	...	-	...	...	7,403	615	...
1979	...	...	-	...	-	...	...	10,334	1,420	...
1980	...	...	-	...	-	9	...	10,463	842	1,812
1981	...	...	-	...	-	16	...	14,213	733	(1,812)
1982	3	...	-	...	-	51	...	15,654	528	(1,812)
1983	9	...	3	...	-	29	...	13,715	497	(1,812)
1984	27	...	-	...	-	31	2,057	16,326	776	(1,812)
1985	18	...	3	...	-	42	2,322	18,117	653	(1,812)
1986	23	...	6	...	-	25	2,502	22,703	676	(1,812)
1987	12	...	13	...	-	18	2,553	22,259	963	(1,812)
1988	22	...	9	...	-	37	2,650	23,739	1,346	(1,812)
1989	24	...	26	...	...	18	2,492	28,211	1,399	(1,812)
1990	11	...	20	106	...	32	2,921	29,057	694	(1,812)
1991	12	...	13	121	...	20	4,029	35,643	1,293	(1,812)
1992	11	...	15	77	...	61	5,389	40,698	1,548	(1,812)
1993	8	...	104	80	...	23	4,363	32,953	1,706	(1,812)
1994	22	...	41	118	...	32	6,740	40,630	1,476	(1,812)
1995	24	...	(41)	140	...	42	7,172	43,233	1,550	(1,812)
1996	17	0	(41)	160	...	49	8,528	51,408	1,616	(1,812)
1997	10	1	(41)	99	...	41	8,640	52,086	2,083	(1,812)
1998	3	2	(41)	190	-	62	9,271	55,886	2,043	(1,812)
1999	5	0	(41)	257	-	58	10,027	60,450	4,974	930
2000	2	1	(41)	350	-	35	10,939	65,940	2,421	3,900
2001	3	2	(41)	264	-	27	9,817	59,180	3,136	250
2002	5	1	(41)	307	-	20	10,620	64,017	2,841	2,050
2003	3	5	(41)	211	-	31	10,946	65,984	(2,841)	1,120

Table 80 (continued). Other catches (tonnes) of yellowfin in the WCPO

YEAR	NEW ZEALAND UNCLASS	NORTHERN MARIANAS TROLL	PHILIPPINES GILL NET	PHILIPPINES HANDLINE	PHILIPPINES UNCLASS	CHINESE TAIPEI UNCLASS	USA HAWAII TROLL	TOTAL
1950	-	...	1,227	5,980	1,087	...	...	8,919
1951	-	...	1,266	6,339	1,097	...	...	10,415
1952	-	...	1,307	6,719	1,107	...	...	10,539
1953	-	...	1,349	7,122	1,117	...	...	10,871
1954	-	...	1,392	7,549	1,127	...	...	11,763
1955	-	...	1,437	8,002	1,137	...	...	12,633
1956	-	...	1,483	8,482	1,147	...	...	12,818
1957	-	...	1,530	8,991	1,157	...	...	13,481
1958	-	...	1,579	9,530	1,167	...	...	14,682
1959	-	...	1,630	10,102	1,178	...	...	15,673
1960	-	...	1,682	10,708	1,189	...	...	15,919
1961	-	...	1,736	11,350	1,200	...	...	17,044
1962	-	...	1,792	12,031	1,211	...	...	18,150
1963	-	...	1,849	12,753	1,222	...	...	18,676
1964	-	...	1,908	13,518	1,233	...	...	20,183
1965	-	...	1,969	14,329	1,244	...	...	20,958
1966	-	...	2,032	15,189	1,255	...	...	23,409
1967	-	...	2,097	16,100	1,266	...	...	26,303
1968	-	...	2,164	17,066	1,277	...	...	26,084
1969	-	...	2,233	18,090	1,288	...	...	26,609
1970	-	...	2,304	19,175	1,300	406	...	29,422
1971	-	...	2,578	21,452	1,454	363	...	31,204
1972	-	...	2,678	22,291	1,510	331	...	35,749
1973	-	...	3,203	26,664	1,808	441	...	41,726
1974	1	...	3,724	30,998	2,101	334	...	46,997
1975	1	...	3,801	31,634	2,146	426	...	48,536
1976	0	...	3,202	26,651	1,806	1,359	...	40,666
1977	0	...	4,540	37,785	2,562	428	...	55,092
1978	15	...	4,426	22,796	1,719	1,517	...	38,491
1979	16	...	1,824	29,230	1,808	1,743	...	46,375
1980	51	...	2,071	26,721	1,036	901	...	43,906
1981	26	...	2,390	29,480	1,319	634	...	50,623
1982	2	...	1,247	27,261	1,103	565	...	48,226
1983	1	10	1,134	29,610	3,707	317	...	50,844
1984	2	9	1,945	28,339	1,337	1,037	...	53,698
1985	1	6	1,836	32,452	3,004	825	...	61,091
1986	7	8	1,923	33,076	1,065	847	...	64,673
1987	7	5	1,945	24,137	1,242	3,066	...	58,032
1988	5	8	1,983	29,326	1,184	3,583	...	65,704
1989	9	5	2,159	31,940	1,288	484	...	69,867
1990	+	5	2,542	45,061	5,824	2,153	...	90,238
1991	+	6	2,996	53,113	6,864	824	...	106,746
1992	0	11	1,582	22,101	2,742	544	...	76,591
1993	+	6	1,026	24,139	3,234	318	...	69,772
1994	0	6	3,825	34,519	3,135	52	...	92,408
1995	+	10	1,493	32,595	3,208	147	1,266	92,733
1996	+	21	1,501	32,768	3,225	159	1,131	102,436
1997	1	13	1,650	36,009	3,544	155	975	107,160
1998	0	9	1,940	42,358	4,168	(155)	1,056	118,996
1999	0	11	2,213	48,314	4,756	(155)	1,344	133,535
2000	0	1	2,213	48,300	4,753	(155)	1,058	140,109
2001	0	16	2,047	44,682	4,397	(155)	846	124,863
2002	1	7	2,444	53,362	5,252	(155)	598	141,721
2003	+	12	3,117	68,038	6,696	(155)	673	159,873

TOTAL CATCHES BY OCEAN AREA

Table 81. Total catches (tonnes) of albacore in the Pacific Ocean. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch.

YEAR	SOUTH PACIFIC					NORTH PACIFIC					TOTAL
	LONGLINE	POLE-AND-LINE	TROLL	OTHER	SUB-TOTAL	LONGLINE	POLE-AND-LINE	TROLL	OTHER	SUB-TOTAL	
1950	-	...	-	-	-	16,740	12,863	32,746	5,835	68,184	68,184
1951	-	...	-	-	-	11,408	14,500	15,629	6,577	48,114	48,114
1952	154	...	-	-	154	26,733	41,787	23,914	1,764	94,198	94,352
1953	803	...	-	-	803	27,800	32,921	15,745	341	76,807	77,610
1954	9,578	...	-	-	9,578	20,971	28,069	12,246	208	61,494	71,072
1955	8,625	...	-	-	8,625	16,286	24,236	13,264	721	54,507	63,132
1956	7,281	...	-	-	7,281	14,347	42,810	18,768	539	76,464	83,745
1957	8,757	...	-	-	8,757	21,057	49,500	21,173	538	92,268	101,025
1958	18,636	...	-	-	18,636	18,439	22,175	14,929	180	55,723	74,359
1959	17,841	...	-	-	17,841	15,807	14,252	21,202	67	51,328	69,169
1960	22,248	45	-	-	22,293	17,373	25,156	20,105	769	63,403	85,696
1961	23,742	0	-	-	23,742	17,442	21,476	12,059	1,631	52,608	76,350
1962	35,219	0	-	-	35,219	15,771	9,814	19,753	1,926	47,264	82,483
1963	31,095	16	-	-	31,111	13,471	28,852	25,145	1,438	68,906	100,017
1964	22,930	0	-	-	22,930	15,488	27,269	18,391	1,271	62,419	85,349
1965	25,838	0	-	-	25,838	13,965	41,908	16,557	863	73,293	99,131
1966	39,113	0	-	-	39,113	25,329	24,430	15,377	1,285	66,421	105,534
1967	40,318	0	5	-	40,323	29,516	34,594	17,975	1,316	83,401	123,724
1968	29,051	0	14	-	29,065	24,670	21,503	21,462	2,327	69,962	99,027
1969	24,360	0	0	-	24,360	18,654	34,908	20,192	1,814	75,568	99,928
1970	32,590	100	50	-	32,740	17,808	28,679	21,422	1,595	69,504	102,244
1971	34,708	100	0	-	34,808	13,293	55,028	22,272	2,385	92,978	127,786
1972	33,842	122	268	-	34,232	16,143	64,319	27,521	1,638	109,621	143,853
1973	37,649	141	484	-	38,274	16,937	71,003	17,053	1,971	106,964	145,238
1974	30,985	809	898	-	32,692	13,988	78,341	21,509	1,359	115,197	147,889
1975	26,131	100	646	-	26,877	14,308	55,395	19,043	1,204	89,950	116,827
1976	24,106	100	25	-	24,231	17,957	88,036	16,183	3,204	125,380	149,611
1977	34,849	100	621	-	35,570	17,398	33,431	10,022	2,249	63,100	98,670
1978	34,858	100	1,686	-	36,644	13,589	60,827	16,636	8,048	99,100	135,744
1979	28,739	100	814	-	29,653	14,661	44,965	7,302	4,182	71,110	100,763
1980	31,027	101	1,468	-	32,596	15,604	47,124	7,768	4,699	75,195	107,791
1981	32,632	0	2,085	5	34,722	18,745	28,174	12,837	11,482	71,238	105,960
1982	28,339	1	2,434	6	30,780	17,819	30,039	6,713	13,910	68,481	99,261
1983	24,303	0	744	39	25,086	16,077	21,705	9,584	7,673	55,039	80,125
1984	20,340	2	2,773	1,589	24,704	15,669	27,043	9,354	18,663	70,729	95,433
1985	27,138	0	3,253	1,937	32,328	14,751	22,212	6,471	14,845	58,279	90,607
1986	32,641	0	2,003	1,946	36,590	13,169	16,528	4,738	10,909	45,344	81,934
1987	26,877	9	2,134	930	29,950	15,401	19,240	2,870	11,475	48,986	78,936
1988	31,531	0	4,296	5,283	41,110	15,486	6,814	4,367	18,925	45,592	86,702
1989	22,237	0	8,370	21,968	52,575	14,048	8,683	2,000	19,913	44,644	97,219
1990	22,623	245	6,975	7,538	37,381	16,259	8,647	2,905	26,155	53,966	91,347
1991	24,706	14	7,805	1,489	34,014	17,716	7,103	1,984	10,791	37,594	71,608
1992	30,247	11	6,578	65	36,901	19,700	13,888	4,935	16,573	55,096	91,997
1993	29,987	74	4,296	70	34,427	30,932	12,797	6,748	4,079	54,556	88,983
1994	33,218	67	7,164	89	40,538	30,789	26,389	13,134	3,451	73,763	114,301
1995	25,661	139	7,708	104	33,612	32,907	21,061	10,759	1,699	66,426	100,038
1996	24,108	30	7,367	156	31,661	39,340	20,296	21,849	1,017	82,502	114,163
1997	32,385	21	4,679	133	37,218	47,982	32,311	18,674	2,684	101,651	138,869
1998	40,138	47	6,258	85	46,528	47,889	23,005	20,074	3,178	94,146	140,674
1999	36,024	138	3,391	74	39,627	46,087	50,429	13,854	11,130	121,500	161,127
2000	39,838	102	5,868	139	45,947	43,559	21,618	15,244	4,934	85,355	131,302
2001	46,190	37	5,567	199	51,993	41,134	29,569	16,739	2,986	90,428	142,421
2002	50,708	25	4,824	152	55,709	38,386	48,832	16,297	7,160	110,675	166,384
2003	49,059	26	5,308	138	54,531	38,382	35,281	24,905	3,424	101,992	156,523

Table 82. Total catches (tonnes) of bigeye in the Pacific Ocean. Symbols: '...' = missing data; '-' = no effort.

YEAR	WCPO					EPO					TOTAL
	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	
1950	...	...	...	...	...	...	...	...	...	...	...
1951	...	...	1,095	...	...	...	...	...	...	...	...
1952	24,355	2,100	1,039	...	27,494	...	...	...	...	...	27,494
1953	23,025	2,400	619	...	26,044	...	...	...	...	...	26,044
1954	16,204	2,100	360	...	18,664	1,610	...	...	...	1,610	20,274
1955	24,749	4,000	285	...	29,034	1,810	...	...	...	1,810	30,844
1956	28,342	4,400	908	...	33,650	2,408	...	...	...	2,408	36,058
1957	35,463	5,200	49	...	40,712	9,698	...	...	...	9,698	50,410
1958	44,390	4,200	48	...	48,638	10,592	-	0	...	10,592	59,230
1959	39,789	1,700	36	...	41,525	11,515	-	1	...	11,516	53,041
1960	42,147	1,500	58	...	43,705	17,722	-	12	...	17,734	61,439
1961	36,135	1,800	63	...	37,998	52,431	57	156	-	52,644	90,642
1962	34,206	800	173	...	35,179	45,050	168	160	-	45,378	80,557
1963	40,727	1,800	6	...	42,533	66,617	75	-	-	66,692	109,225
1964	29,316	1,100	231	...	30,647	46,279	68	-	-	46,347	76,994
1965	28,318	1,300	201	...	29,819	29,165	117	-	-	29,282	59,101
1966	30,761	1,100	9	...	31,870	34,801	157	109	-	35,067	66,937
1967	30,353	2,800	60	...	33,213	35,878	748	916	-	37,542	70,755
1968	23,528	2,300	183	...	26,011	35,233	63	2,496	-	37,792	63,803
1969	28,904	1,700	48	...	30,652	52,007	-	576	-	52,583	83,235
1970	33,987	1,600	726	2,820	39,133	33,243	-	1,332	-	34,575	73,708
1971	34,659	900	876	3,060	39,495	29,804	58	2,495	14	32,371	71,866
1972	45,329	1,762	882	3,498	51,471	36,128	66	2,172	-	38,366	89,837
1973	35,478	1,258	1,078	4,218	42,032	50,776	131	1,848	-	52,755	94,787
1974	39,029	1,039	1,433	4,719	46,220	36,961	-	890	-	37,851	84,071
1975	52,779	1,334	1,330	4,943	60,386	41,788	28	3,917	-	45,733	106,119
1976	64,513	3,423	1,312	4,138	73,386	54,233	45	10,194	4	64,476	137,862
1977	62,934	3,325	1,587	5,637	73,483	74,087	2	7,049	-	81,138	154,621
1978	49,394	3,337	1,146	4,243	58,120	70,658	-	11,532	-	82,190	140,310
1979	56,748	2,419	2,033	4,662	65,862	55,436	-	7,531	1	62,968	128,830
1980	54,045	2,243	2,162	4,142	62,592	64,247	-	15,318	103	79,668	142,260
1981	41,239	2,596	4,315	4,919	53,069	53,576	-	10,090	1	63,667	116,736
1982	44,739	4,108	5,149	4,738	58,734	53,312	23	4,343	-	57,678	116,412
1983	41,144	4,055	9,399	4,987	59,585	59,963	21	3,145	95	63,224	122,809
1984	46,156	3,465	8,847	5,176	63,644	46,353	1	5,919	16	52,289	115,933
1985	51,064	4,326	7,009	6,120	68,519	66,263	17	4,360	18	70,658	139,177
1986	46,485	2,865	7,509	6,480	63,339	102,313	-	1,939	-	104,252	167,591
1987	60,646	3,134	11,395	5,563	80,738	100,200	-	771	5	100,976	181,714
1988	50,166	4,125	7,305	6,439	68,035	72,832	2	1,050	-	73,884	141,919
1989	51,182	4,298	12,651	7,137	75,268	71,899	-	1,470	-	73,369	148,637
1990	66,807	3,918	12,143	8,851	91,719	98,990	-	4,700	11	103,701	195,420
1991	51,355	1,991	13,443	10,788	77,577	104,166	25	3,702	13	107,906	185,483
1992	63,332	1,757	19,435	8,184	92,708	84,510	-	5,488	9	90,007	182,715
1993	57,017	2,331	14,288	7,051	80,687	72,546	-	8,043	26	80,615	161,302
1994	66,947	2,951	11,244	9,343	90,485	71,495	-	28,684	692	100,871	191,356
1995	54,728	3,776	14,067	9,276	81,847	58,268	-	36,125	1,154	95,547	177,394
1996	48,681	3,864	17,493	10,618	80,656	46,949	-	50,486	625	98,060	178,716
1997	56,755	3,768	30,502	11,032	102,057	52,441	-	51,624	2	104,067	206,124
1998	71,779	2,494	18,198	12,274	104,745	46,761	-	35,142	12	81,915	186,660
1999	63,626	2,271	35,920	13,321	115,138	33,526	-	40,632	42	74,200	189,338
2000	59,236	3,052	29,321	14,088	105,697	50,143	-	70,287	-	120,430	226,127
2001	63,758	2,395	23,869	12,866	102,888	64,741	-	42,961	-	107,702	210,590
2002	76,902	2,858	20,724	14,595	115,079	71,792	-	35,677	98	107,567	222,646
2003	64,051	2,892	20,685	16,205	103,833	44,582	-	40,720	-	85,302	189,135

Table 83. Total catches (tonnes) of skipjack in the Pacific Ocean. Symbols: '...' = missing data; '0' = effort, but no catch.

YEAR	WCPO					EPO				TOTAL
	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	
1950	34	...	...	6,483	...	49,534	5,741	1,299	56,574	...
1951	12	96,214	1,748	8,602	106,576	45,617	5,790	1,109	52,516	159,092
1952	54	78,518	3,716	10,014	92,302	32,724	4,806	905	38,435	130,737
1953	1	65,546	3,371	11,403	80,321	50,812	5,171	0	55,983	136,304
1954	0	88,073	4,534	11,554	104,161	61,221	8,519	2	69,742	173,903
1955	157	92,524	2,906	12,664	108,251	51,558	6,503	2	58,063	166,314
1956	0	91,950	2,145	13,094	107,189	64,971	3,204	0	68,175	175,364
1957	17	92,156	2,813	11,955	106,941	54,414	873	13	55,300	162,241
1958	0	131,441	10,698	15,244	157,383	67,594	5,481	31	73,106	230,489
1959	33	145,447	16,941	14,853	177,274	60,853	17,957	915	79,725	256,999
1960	0	70,428	3,728	15,782	89,938	26,842	14,588	481	41,911	131,849
1961	0	127,011	11,693	18,032	156,736	27,496	40,696	395	68,587	225,323
1962	4	152,387	11,674	17,559	181,624	16,880	53,777	488	71,145	252,769
1963	0	94,757	9,592	18,354	122,703	16,565	76,760	2,356	95,681	218,384
1964	0	137,106	25,064	20,739	182,909	9,967	46,169	3,573	59,709	242,618
1965	0	129,933	4,670	20,601	155,204	19,278	58,236	1,044	78,558	233,762
1966	0	215,600	10,968	22,890	249,458	13,668	45,118	1,943	60,729	310,187
1967	0	168,846	10,954	24,864	204,664	17,871	97,962	4,977	120,810	325,474
1968	1	162,379	7,485	24,891	194,756	7,007	54,363	9,982	71,352	266,108
1969	53	168,084	4,400	30,031	202,568	6,593	40,879	11,828	59,300	261,868
1970	1,465	197,873	10,598	32,158	242,094	7,008	42,054	7,077	56,139	298,233
1971	1,291	180,945	15,261	29,148	226,645	11,186	86,930	6,594	104,710	331,355
1972	1,417	172,871	19,852	41,777	235,917	6,103	26,434	1,120	33,657	269,574
1973	1,608	253,065	21,919	50,326	326,918	8,800	34,738	627	44,165	371,083
1974	2,007	289,202	15,095	49,410	355,714	7,152	71,255	493	78,900	434,614
1975	1,827	218,271	18,706	50,176	288,980	13,366	110,559	516	124,441	413,421
1976	1,964	276,581	28,148	51,206	357,899	10,872	114,909	705	126,486	484,385
1977	3,049	294,641	39,991	66,420	404,101	7,249	77,219	1,973	86,441	490,542
1978	3,265	331,401	42,186	73,621	450,473	5,642	162,963	1,315	169,920	620,393
1979	2,286	283,494	65,124	60,400	411,304	5,932	124,673	1,453	132,058	543,362
1980	651	332,465	82,536	42,767	458,419	5,042	123,694	1,960	130,696	589,115
1981	857	294,187	94,931	48,203	438,178	5,781	112,872	896	119,549	557,727
1982	1,120	262,233	174,704	53,048	491,105	3,696	94,476	408	98,580	589,685
1983	2,226	299,762	324,991	56,842	683,821	4,122	53,204	898	58,224	742,045
1984	893	379,474	330,932	44,239	755,538	2,778	56,948	858	60,584	816,122
1985	1,104	250,010	305,118	43,553	599,785	918	48,374	212	49,504	649,289
1986	1,427	336,694	369,609	49,116	756,846	1,939	61,487	185	63,611	820,457
1987	2,317	262,467	373,281	47,825	685,890	2,230	59,615	212	62,057	747,947
1988	1,915	301,031	489,594	49,135	841,675	4,282	80,495	664	85,441	927,116
1989	2,510	289,706	477,572	48,453	818,241	2,895	88,497	1,040	92,432	910,673
1990	1,292	224,591	604,465	60,896	891,244	835	69,887	1,899	72,621	963,865
1991	1,541	282,397	773,157	63,997	1,121,092	1,670	59,673	1,918	63,261	1,184,353
1992	1,063	226,589	706,772	76,977	1,011,401	1,860	80,973	1,102	83,935	1,095,336
1993	940	270,670	580,304	55,620	907,534	3,633	81,500	2,287	87,420	994,954
1994	1,793	231,385	720,837	50,285	1,004,300	3,110	70,662	833	74,605	1,078,905
1995	1,390	267,421	722,794	58,732	1,050,337	5,237	130,992	2,060	138,289	1,188,626
1996	4,642	229,891	737,610	54,649	1,026,792	2,583	107,986	1,613	112,182	1,138,974
1997	4,701	249,421	663,343	55,520	972,985	3,292	158,478	225	161,995	1,134,980
1998	4,509	285,718	945,069	65,758	1,301,054	1,642	143,275	294	145,211	1,446,265
1999	4,343	291,696	792,642	68,211	1,156,892	2,108	262,042	1,471	265,621	1,422,513
2000	5,427	295,759	868,520	81,570	1,251,276	231	210,179	145	210,555	1,461,831
2001	5,411	232,703	834,622	61,979	1,134,715	896	143,627	109	144,632	1,279,347
2002	4,171	238,814	986,456	65,412	1,294,853	616	159,778	233	160,627	1,455,480
2003	4,599	243,230	954,490	68,973	1,271,292	637	259,162	96	259,895	1,531,187

Table 84. Total catches (tonnes) of yellowfin in the Pacific Ocean. Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch.

YEAR	WCPO					EPO					TOTAL
	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUB-TOTAL	
1950	...	...	...	8,919	...	-	65,921	15,856	879	82,656	...
1951	...	...	938	10,415	...	-	65,499	6,598	727	72,824	...
1952	17,453	2,595	2,565	10,539	33,152	-	66,108	13,735	1,067	80,910	114,062
1953	23,139	5,228	1,260	10,871	40,498	-	43,920	16,121	...	60,041	100,539
1954	22,662	4,268	4,001	11,763	42,694	209	46,541	7,625	-	54,375	97,069
1955	22,800	3,983	2,944	12,633	42,360	427	50,811	13,086	-	64,324	106,684
1956	25,336	4,399	724	12,818	43,277	967	58,828	21,470	-	81,265	124,542
1957	41,911	1,669	1,496	13,481	58,557	5,854	58,402	15,544	-	79,800	138,357
1958	41,804	2,934	3,338	14,682	62,758	4,927	46,776	20,560	-	72,263	135,021
1959	42,802	4,119	4,316	15,673	66,910	3,437	27,441	30,050	670	61,598	128,508
1960	53,617	1,872	1,438	15,919	72,846	5,934	24,238	81,498	458	112,128	184,974
1961	52,717	3,259	2,777	17,044	75,797	12,500	16,769	85,017	984	115,270	191,067
1962	58,049	4,225	6,975	18,150	87,399	10,211	11,982	61,575	722	84,490	171,889
1963	55,673	2,071	2,277	18,676	78,697	18,973	7,679	53,648	726	81,026	159,723
1964	47,985	5,073	3,647	20,183	76,888	16,975	4,388	83,908	776	106,047	182,935
1965	49,295	3,434	3,752	20,958	77,439	15,620	7,679	71,169	321	94,789	172,228
1966	66,240	2,192	5,844	23,409	97,685	9,097	5,852	74,229	530	89,708	187,393
1967	35,334	3,125	3,395	26,303	68,157	9,286	5,214	73,188	1,557	89,245	157,402
1968	42,921	2,706	6,888	26,084	78,599	14,986	4,691	93,941	3,376	116,994	195,593
1969	46,834	2,714	3,857	26,609	80,014	15,156	7,572	119,322	1,964	144,014	224,028
1970	53,080	2,025	9,358	29,422	93,885	12,632	4,721	145,882	5,038	168,273	262,158
1971	49,674	2,667	11,365	31,204	94,910	8,013	5,812	114,299	2,611	130,735	225,645
1972	51,090	7,465	13,288	35,749	107,592	16,859	6,571	169,467	1,090	193,987	301,579
1973	56,828	7,457	17,359	41,726	123,370	11,697	4,373	200,205	675	216,950	340,320
1974	54,102	6,582	19,879	46,997	127,560	7,190	8,665	200,451	1,248	217,554	345,114
1975	60,554	7,751	15,391	48,536	132,232	10,658	6,120	195,486	581	212,845	345,077
1976	70,735	17,186	16,828	40,666	145,415	15,601	3,693	232,174	367	251,835	397,250
1977	87,974	15,257	18,475	55,092	176,798	12,356	2,114	196,422	276	211,168	387,966
1978	109,384	12,767	13,863	38,491	174,505	10,835	4,294	175,137	492	190,758	365,263
1979	104,950	11,463	31,362	46,375	194,150	11,475	5,204	184,236	234	201,149	395,299
1980	117,423	13,132	35,614	43,906	210,075	13,472	1,664	156,881	887	172,904	382,979
1981	92,541	19,268	62,877	50,623	225,309	8,008	1,602	179,361	842	189,813	415,122
1982	83,824	13,835	73,555	48,226	219,440	11,058	1,620	123,373	190	136,241	355,681
1983	83,588	13,266	106,172	50,844	253,870	10,910	4,289	89,005	1,188	105,392	359,262
1984	69,752	13,558	111,648	53,698	248,656	10,383	3,098	141,642	320	155,443	404,099
1985	73,559	18,156	103,325	61,091	256,131	13,195	1,081	215,609	303	230,188	486,319
1986	62,080	13,074	104,719	64,673	244,546	22,768	2,519	265,513	282	291,082	535,628
1987	74,000	13,243	156,647	58,032	301,922	18,918	5,110	266,500	335	290,863	592,785
1988	81,081	13,433	99,250	65,704	259,468	14,667	3,768	284,276	948	303,659	563,127
1989	64,031	15,169	164,335	69,867	313,402	17,207	4,191	284,750	563	306,711	620,113
1990	72,335	13,103	175,254	90,238	350,930	34,731	2,664	268,956	1,751	308,102	659,032
1991	60,251	12,921	211,398	106,746	391,316	30,921	2,909	235,058	1,069	269,957	661,273
1992	70,332	15,225	241,318	76,591	403,466	18,668	3,885	232,657	3,153	258,363	661,829
1993	63,951	12,698	243,133	69,772	389,554	24,647	5,089	223,518	3,463	256,717	646,271
1994	72,625	13,743	224,055	92,408	402,831	30,230	3,755	214,051	1,455	249,491	652,322
1995	79,469	15,063	187,165	92,733	374,430	20,641	1,284	220,442	2,047	244,414	618,844
1996	76,050	15,479	122,702	102,436	316,667	16,793	3,733	245,352	1,200	267,078	583,745
1997	68,459	13,773	259,647	107,160	449,039	22,218	4,386	252,426	1,230	280,260	729,299
1998	62,956	13,534	270,157	118,996	465,643	16,040	5,126	260,326	330	281,822	747,465
1999	59,056	14,674	221,339	133,535	428,604	13,530	1,719	291,937	1,214	308,400	737,004
2000	74,224	14,320	206,036	140,109	434,689	24,604	2,430	269,574	368	296,976	731,665
2001	72,347	12,583	216,886	124,863	426,679	26,566	7,832	389,510	91	423,999	850,678
2002	73,504	13,838	185,388	141,721	414,451	20,826	950	420,493	-	442,269	856,720
2003	70,408	14,383	219,846	159,873	464,510	17,591	468	398,788	-	416,847	881,357

Table 85. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the WCPO. Symbols: '...' = missing data.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	35,438		...		...		...		...
1951	32,485		...		106,576		...		...
1952	69,136	31	27,494	12	92,302	42	33,152	15	222,084
1953	61,699	30	26,044	12	80,321	39	40,498	19	208,562
1954	58,679	26	18,664	8	104,161	46	42,694	19	224,198
1955	49,202	21	29,034	13	108,251	47	42,360	19	228,847
1956	64,215	26	33,650	14	107,189	43	43,277	17	248,331
1957	78,881	28	40,712	14	106,941	38	58,557	21	285,091
1958	57,501	18	48,638	15	157,383	48	62,758	19	326,280
1959	45,628	14	41,525	13	177,274	54	66,910	20	331,337
1960	62,438	23	43,705	16	89,938	33	72,846	27	268,927
1961	57,291	17	37,998	12	156,736	48	75,797	23	327,822
1962	53,593	15	35,179	10	181,624	51	87,399	24	357,795
1963	58,008	19	42,533	14	122,703	41	78,697	26	301,941
1964	56,164	16	30,647	9	182,909	53	76,888	22	346,608
1965	77,265	23	29,819	9	155,204	46	77,439	23	339,727
1966	83,876	18	31,870	7	249,458	54	97,685	21	462,889
1967	97,518	24	33,213	8	204,664	51	68,157	17	403,552
1968	66,850	18	26,011	7	194,756	53	78,599	21	366,216
1969	72,674	19	30,652	8	202,568	52	80,014	21	385,908
1970	72,474	16	39,133	9	242,094	54	93,885	21	447,586
1971	98,970	22	39,495	9	226,645	49	94,910	21	460,020
1972	108,476	22	51,471	10	235,917	47	107,592	21	503,456
1973	120,941	20	42,032	7	326,918	53	123,370	20	613,261
1974	119,111	18	46,220	7	355,714	55	127,560	20	648,605
1975	89,707	16	60,386	11	288,980	51	132,232	23	571,305
1976	127,990	18	73,386	10	357,899	51	145,415	21	704,690
1977	81,496	11	73,483	10	404,101	55	176,798	24	735,878
1978	104,104	13	58,120	7	450,473	57	174,505	22	787,202
1979	85,641	11	65,862	9	411,304	54	194,150	26	756,957
1980	95,655	12	62,592	8	458,419	55	210,075	25	826,741
1981	85,523	11	53,069	7	438,178	55	225,309	28	802,079
1982	87,457	10	58,734	7	491,105	57	219,440	26	856,736
1983	62,470	6	59,585	6	683,821	65	253,870	24	1,059,746
1984	76,973	7	63,644	6	755,538	66	248,656	22	1,144,811
1985	75,170	8	68,519	7	599,785	60	256,131	26	999,605
1986	70,414	6	63,339	6	756,846	67	244,546	22	1,135,145
1987	69,776	6	80,738	7	685,890	60	301,922	27	1,138,326
1988	70,516	6	68,035	5	841,675	68	259,468	21	1,239,694
1989	88,098	7	75,268	6	818,241	63	313,402	24	1,295,009
1990	80,528	6	91,719	6	891,244	63	350,930	25	1,414,421
1991	60,832	4	77,577	5	1,121,092	68	391,316	24	1,650,817
1992	78,366	5	92,708	6	1,011,401	64	403,466	25	1,585,941
1993	66,025	5	80,687	6	907,534	63	389,554	27	1,443,800
1994	91,244	6	90,485	6	1,004,300	63	402,831	25	1,588,860
1995	83,560	5	81,847	5	1,050,337	66	374,430	24	1,590,174
1996	99,322	7	80,656	5	1,026,792	67	316,667	21	1,523,437
1997	122,796	7	102,057	6	972,985	59	449,039	27	1,646,877
1998	113,679	6	104,745	5	1,301,054	66	465,643	23	1,985,121
1999	134,881	7	115,138	6	1,156,892	63	428,604	23	1,835,515
2000	106,035	6	105,697	6	1,251,276	66	434,689	23	1,897,697
2001	115,532	6	102,888	6	1,134,715	64	426,679	24	1,779,814
2002	139,745	7	115,079	6	1,294,853	66	414,451	21	1,964,128
2003	134,030	7	103,833	5	1,271,292	64	464,510	24	1,973,665

Table 86. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the WCPO by gear type. Symbols: ‘...’ = missing data.

YEAR	LONGLINE		POLE-AND-LINE		PURSE SEINE		OTHER		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	...		...		6,483		21,237		...
1951	...		110,714		3,781		25,594		...
1952	68,749	31	125,000	56	7,320	3	21,015	9	222,084
1953	74,768	36	106,095	51	5,250	3	22,449	11	208,562
1954	69,415	31	122,510	55	8,895	4	23,378	10	224,198
1955	72,528	32	124,743	55	6,135	3	25,441	11	228,847
1956	75,009	30	143,559	58	3,777	2	25,986	10	248,331
1957	106,530	37	148,525	52	4,358	2	25,678	9	285,091
1958	121,314	37	160,750	49	14,084	4	30,132	9	326,280
1959	113,721	34	165,518	50	21,293	6	30,805	9	331,337
1960	132,784	49	99,001	37	5,224	2	31,918	12	268,927
1961	127,264	39	150,670	46	14,533	4	35,355	11	327,822
1962	136,878	38	166,141	46	18,822	5	35,954	10	357,795
1963	127,690	42	125,064	41	11,875	4	37,312	12	301,941
1964	109,157	31	167,137	48	28,942	8	41,372	12	346,608
1965	113,240	33	176,158	52	8,623	3	41,706	12	339,727
1966	157,307	34	241,722	52	16,821	4	47,039	10	462,889
1967	131,949	33	205,252	51	14,409	4	51,942	13	403,552
1968	114,285	31	183,982	50	14,556	4	53,393	15	366,216
1969	113,732	29	204,410	53	8,305	2	59,461	15	385,908
1970	135,430	30	225,861	50	20,682	5	65,613	15	447,586
1971	128,586	28	237,564	52	27,502	6	66,368	14	460,020
1972	140,431	28	242,789	48	34,022	7	86,214	17	503,456
1973	142,176	23	330,688	54	40,356	7	100,041	16	613,261
1974	136,382	21	371,196	57	36,407	6	104,620	16	648,605
1975	151,233	26	279,608	49	35,427	6	105,037	18	571,305
1976	176,981	25	382,621	54	46,288	7	98,800	14	704,690
1977	201,032	27	345,257	47	60,053	8	129,536	18	735,878
1978	197,238	25	407,482	52	57,195	7	125,287	16	787,202
1979	197,594	26	342,138	45	98,519	13	118,706	16	756,957
1980	212,585	26	394,683	48	120,312	15	99,161	12	826,741
1981	178,559	22	343,477	43	162,123	20	117,920	15	802,079
1982	168,043	20	309,791	36	253,408	30	125,494	15	856,736
1983	158,128	15	338,181	32	440,562	42	122,875	12	1,059,746
1984	145,153	13	422,509	37	451,427	39	125,722	11	1,144,811
1985	160,198	16	293,171	29	415,452	42	130,784	13	999,605
1986	149,269	13	368,729	32	481,837	42	135,310	12	1,135,145
1987	172,778	15	297,963	26	541,323	48	126,262	11	1,138,326
1988	170,164	14	324,805	26	596,149	48	148,576	12	1,239,694
1989	147,573	11	317,802	25	654,558	51	175,076	14	1,295,009
1990	172,445	12	250,389	18	791,862	56	199,725	14	1,414,421
1991	147,465	9	304,426	18	997,998	60	200,928	12	1,650,817
1992	176,837	11	257,470	16	967,525	61	184,109	12	1,585,941
1993	164,260	11	298,570	21	837,725	58	143,245	10	1,443,800
1994	192,620	12	274,535	17	956,136	60	165,569	10	1,588,860
1995	185,180	12	307,380	19	924,026	58	173,588	11	1,590,174
1996	186,600	12	269,536	18	877,805	58	189,496	12	1,523,437
1997	202,023	12	299,221	18	953,492	58	192,141	12	1,646,877
1998	213,569	11	324,719	16	1,233,424	62	213,409	11	1,985,121
1999	197,863	11	359,125	20	1,049,901	57	228,626	12	1,835,515
2000	210,908	11	334,753	18	1,103,877	58	248,159	13	1,897,697
2001	216,082	12	277,130	16	1,075,377	60	211,225	12	1,779,814
2002	231,898	12	303,986	15	1,192,568	61	235,676	12	1,964,128
2003	222,810	11	295,753	15	1,195,021	61	260,081	13	1,973,665

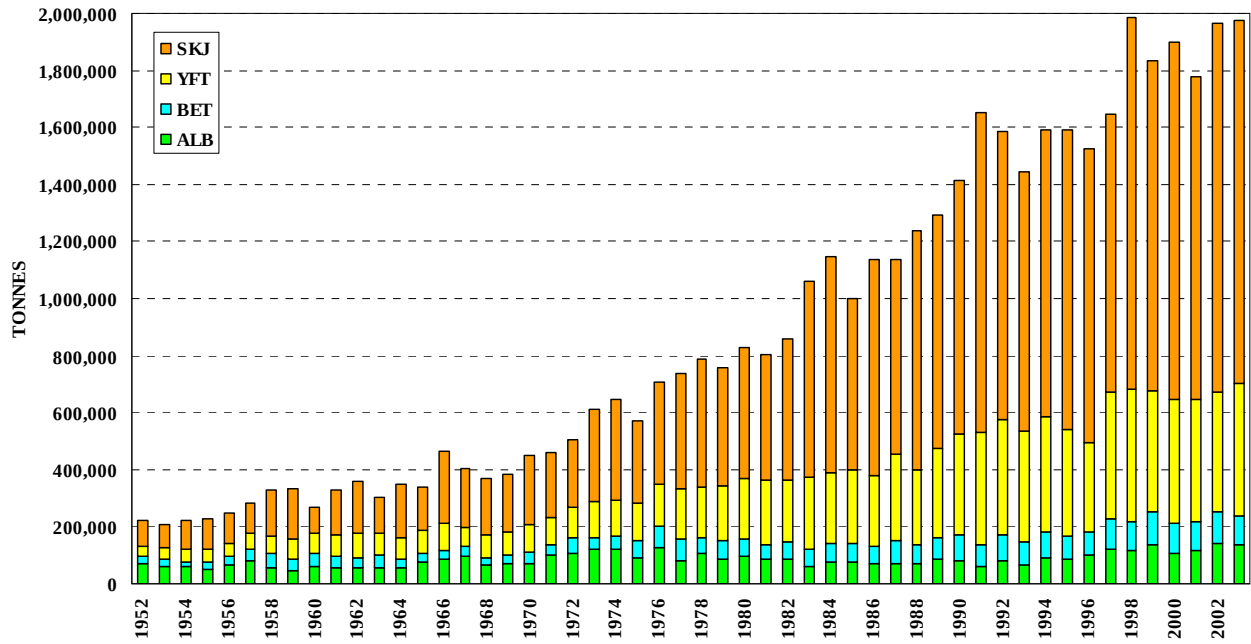


Figure 111. Catches (tonnes) of albacore (ALB), bigeye (BET), skipjack (SKJ) and yellowfin (YFT) in the WCPO

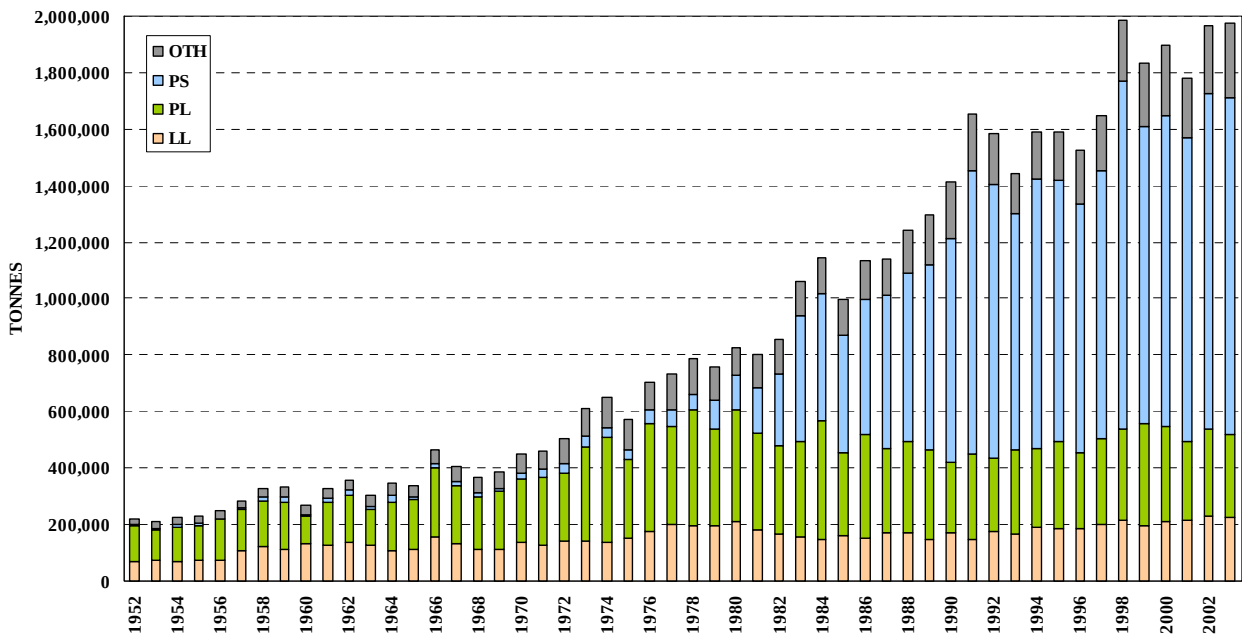


Figure 112. Catches (tonnes) by longline (LL), pole-and-line (PL), purse seine (PS) and other gear types (OTH) in the WCPO

Table 87. Total catches (tonnes) of bigeye, skipjack and yellowfin in the WCPO by fishing nation.

Symbols: '...' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA	AUSTRALIA	CHINA	COOK ISLANDS	FEDERATED STATES OF MICRONESIA	FIJI ISLANDS	FRENCH POLYNESIA	GUAM	INDONESIA
1950	-	-	-	-	-	-	-	-	3,270
1951	-	-	-	-	-	-	-	-	3,547
1952	-	-	-	-	-	-	-	-	3,847
1953	-	-	-	-	-	-	-	-	4,174
1954	-	-	-	-	-	-	-	-	4,529
1955	-	-	-	-	-	-	-	-	4,915
1956	-	-	-	-	-	-	-	-	5,335
1957	-	-	-	-	-	-	-	-	5,792
1958	-	-	-	-	-	-	-	-	6,288
1959	-	-	-	-	-	-	-	-	6,828
1960	-	-	-	-	-	-	-	-	7,415
1961	-	-	-	-	-	-	-	-	8,054
1962	-	-	-	-	-	-	-	-	8,749
1963	-	-	-	-	-	-	-	-	9,505
1964	-	-	-	-	-	-	-	-	10,327
1965	-	-	-	-	-	-	-	-	11,223
1966	-	-	-	-	-	-	-	-	12,198
1967	-	-	-	-	-	-	-	-	13,260
1968	-	-	-	-	-	-	-	-	14,417
1969	-	-	-	-	-	-	-	-	15,677
1970	-	-	-	-	-	-	-	-	17,600
1971	-	-	-	-	-	-	-	-	18,100
1972	-	-	-	-	-	-	-	-	28,600
1973	-	-	-	-	-	-	-	-	32,500
1974	-	-	-	-	-	12	-	-	33,779
1975	-	1,900	-	-	-	11	...	-	34,378
1976	-	47	-	-	-	742	...	-	33,375
1977	-	31	-	-	-	1,711	...	-	37,235
1978	-	275	-	-	-	2,524	...	-	40,024
1979	-	0	-	-	-	3,494	696	-	50,973
1980	-	17	-	-	-	2,496	936	21	61,795
1981	-	352	-	-	-	5,836	1,001	33	68,809
1982	10	232	-	-	-	4,428	1,034	108	74,056
1983	36	223	-	-	-	3,741	836	72	84,532
1984	80	139	-	-	-	4,572	1,250	129	96,662
1985	36	9	-	-	-	3,946	836	90	101,905
1986	85	91	-	-	-	3,125	961	59	111,733
1987	65	1,315	-	-	-	3,889	878	45	124,175
1988	92	1,633	44	-	-	3,891	715	133	129,922
1989	79	2,267	144	-	-	5,186	754	74	145,320
1990	34	6,699	449	-	-	3,762	1,734	99	142,237
1991	31	9,135	1,007	-	11,338	5,090	1,844	74	168,844
1992	42	9,134	2,715	-	15,472	4,547	1,709	117	194,659
1993	20	6,845	6,418	-	16,157	4,503	1,587	73	173,969
1994	84	4,945	12,669	19	21,699	5,095	1,830	117	196,897
1995	102	5,806	10,581	39	6,489	6,307	2,316	123	204,837
1996	57	4,791	6,018	11	7,819	5,357	1,967	157	230,449
1997	51	7,417	3,662	...	8,776	2,513	1,867	137	225,962
1998	80	4,615	3,271	...	15,232	1,887	2,483	148	279,406
1999	119	7,132	4,042	...	11,204	1,797	2,559	112	303,706
2000	130	6,495	4,188	...	21,920	3,595	3,263	156	315,753
2001	327	4,248	7,236	2	18,026	3,324	3,320	178	275,521
2002	921	3,999	12,712	136	20,539	3,519	2,684	100	293,830
2003	1,063	4,574	35,985	409	30,490	3,969	2,343	114	302,101

Table 87 (continued). Total catches (tonnes) of bigeye, skipjack and yellowfin in the WCPO by fishing nation

YEAR	JAPAN	KIRIBATI	KOREA	MARSHALL ISLANDS	MEXICO	NAURU	NEW CALEDONIA	NEW ZEALAND	NORTHERN MARIANAS
1950	...	...	-	-	-	-	-	-	-
1951	...	...	-	-	-	-	-	-	-
1952	134,258	...	-	-	-	-	-	-	-
1953	127,059	...	-	-	-	-	-	-	-
1954	143,422	...	-	-	-	-	-	-	-
1955	154,904	...	-	-	-	-	-	-	-
1956	158,657	...	-	-	-	-	-	-	-
1957	179,939	...	-	-	-	-	-	-	-
1958	241,339	...	88	-	-	-	-	-	-
1959	256,917	...	91	-	-	-	-	-	-
1960	176,350	...	134	-	-	-	-	-	-
1961	237,460	...	55	-	-	-	-	-	-
1962	266,248	...	73	-	-	-	-	-	-
1963	203,991	...	494	-	-	-	-	-	-
1964	246,206	...	759	-	-	-	-	-	-
1965	209,987	...	2,733	-	-	-	-	-	-
1966	319,036	...	4,288	-	-	-	-	-	-
1967	246,863	...	4,770	-	-	-	-	-	-
1968	230,891	...	4,318	-	-	-	-	-	-
1969	240,518	...	6,813	-	-	-	-	-	-
1970	276,401	...	4,985	-	-	-	-	-	-
1971	241,111	...	4,772	-	-	-	-	-	-
1972	260,281	...	7,823	-	-	-	-	-	-
1973	321,853	...	9,176	-	-	-	-	-	-
1974	332,064	...	7,328	-	-	-	-	1	-
1975	285,174	...	23,082	-	-	-	-	1	-
1976	358,931	...	35,456	-	-	-	-	0	-
1977	400,738	...	32,268	-	-	-	-	0	-
1978	423,678	...	21,800	-	-	-	-	15	-
1979	389,869	...	30,869	-	-	-	-	16	-
1980	446,327	1,812	36,503	-	-	-	-	51	-
1981	395,218	2,376	20,164	-	-	-	229	26	-
1982	434,175	2,269	28,192	-	-	-	868	2	-
1983	501,344	3,406	30,612	-	468	-	449	5,821	94
1984	571,509	3,843	28,090	-	6,600	-	38	4,232	142
1985	445,943	2,531	31,384	-	0	-	150	2,460	86
1986	522,888	3,226	47,449	-	-	-	188	4,882	123
1987	450,846	2,246	83,905	-	-	-	539	3,770	79
1988	534,430	3,284	102,180	-	-	-	508	3,514	129
1989	458,882	4,094	133,307	-	-	-	305	5,439	123
1990	418,405	2,407	201,472	-	-	-	677	4,109	73
1991	446,974	2,036	247,726	-	-	-	627	5,306	59
1992	418,357	2,363	208,361	9	-	-	400	1,037	49
1993	453,261	2,104	147,348	137	-	-	539	1,028	50
1994	394,061	3,131	224,404	48	-	-	515	3,196	47
1995	410,046	5,423	200,339	22	-	-	942	1,852	70
1996	352,919	6,645	174,471	...	-	-	787	3,848	115
1997	421,731	7,020	179,538	-	-	-	700	6,823	89
1998	470,359	9,389	226,819	-	-	-	683	8,628	85
1999	389,301	9,793	165,267	-	-	-	926	6,238	59
2000	436,717	14,723	195,304	7,560	-	...	767	14,166	207
2001	372,809	5,399	207,729	35,774	-	...	698	9,873	277
2002	371,615	9,867	239,888	38,952	-	...	761	20,389	184
2003	366,783	7,390	208,592	37,875	-	14	896	22,073	89

Table 87 (continued). Total catches (tonnes) of bigeye, skipjack and yellowfin in the WCPO by fishing nation

YEAR	PALAU	PAPUA NEW GUINEA	PHILIPPINES	RUSSIA	SAMOA	SOLOMON ISLANDS	SPAIN	TAIWAN	TONGA
1950	-	-	12,132	-	-	-	-	...	-
1951	-	-	12,774	-	-	-	-	...	-
1952	-	-	13,454	-	-	-	-	...	-
1953	-	-	14,174	-	-	-	-	...	-
1954	-	-	14,937	-	-	-	-	1,192	-
1955	-	-	15,747	-	-	-	-	2,724	-
1956	-	-	16,605	-	-	-	-	2,377	-
1957	-	-	17,514	-	-	-	-	2,109	-
1958	-	-	18,477	-	-	-	-	1,753	-
1959	-	-	19,501	-	-	-	-	1,568	-
1960	-	-	20,585	-	-	-	-	1,301	-
1961	-	-	21,735	-	-	-	-	2,606	-
1962	-	-	22,957	-	-	-	-	5,513	-
1963	-	-	24,252	-	-	-	-	5,149	-
1964	1,166	-	25,626	-	-	-	-	5,848	-
1965	2,670	-	27,084	-	-	-	-	8,267	-
1966	2,686	-	28,632	-	-	-	-	11,668	-
1967	3,406	-	30,275	-	-	-	-	7,026	-
1968	5,056	-	32,021	-	-	-	-	12,307	-
1969	4,762	-	33,875	-	-	-	-	11,164	-
1970	8,082	2,428	52,000	-	-	-	-	13,132	-
1971	2,143	16,974	57,200	-	-	4,711	-	15,613	-
1972	1,519	13,130	60,700	-	-	7,905	-	14,611	-
1973	2,350	28,216	70,900	-	-	6,620	-	20,412	-
1974	6,808	41,630	81,188	-	-	10,332	-	16,014	-
1975	6,269	17,369	84,450	-	-	7,094	-	21,593	-
1976	5,323	32,921	73,653	-	-	15,757	-	19,447	-
1977	4,012	24,115	118,149	-	-	12,193	-	22,608	-
1978	9,694	48,859	87,319	-	-	18,344	-	29,143	-
1979	5,688	26,857	94,308	-	-	24,268	-	32,426	-
1980	6,576	33,994	77,505	-	-	23,216	-	26,375	-
1981	9,411	31,412	94,616	-	-	22,830	-	23,805	-
1982	4,053	-	104,047	-	-	20,063	-	20,145	99
1983	-	-	118,529	-	-	33,413	-	31,913	65
1984	-	2,744	105,217	-	-	35,596	-	44,345	83
1985	97	9,300	137,308	2,111	-	29,985	-	46,376	59
1986	131	-	145,097	4,175	-	42,249	-	54,675	46
1987	161	-	141,461	8,995	-	29,437	-	72,196	47
1988	157	-	124,786	6,189	-	40,513	-	97,883	34
1989	77	-	151,124	4,935	-	34,262	-	116,231	40
1990	88	-	204,808	2,126	-	26,612	-	150,945	40
1991	-	-	224,530	3,715	-	46,888	-	195,059	26
1992	213	-	167,045	2,126	-	30,558	-	242,896	26
1993	205	8	136,014	8,714	87	28,006	-	188,684	98
1994	181	1,381	168,299	6,722	95	33,925	-	204,760	68
1995	100	12,694	198,941	...	268	49,641	-	209,846	82
1996	100	10,534	205,324	...	600	38,597	-	209,618	148
1997	107	19,299	212,457	...	1,390	47,333	-	200,437	170
1998	100	50,623	239,742	...	1,183	48,008	-	288,597	217
1999	100	38,851	230,555	...	1,029	45,526	8,613	237,530	283
2000	238	68,658	238,856	...	1,308	12,705	12,896	265,076	299
2001	162	95,138	214,731	...	683	17,163	2,402	267,986	465
2002	104	123,396	236,983	...	552	18,580	214	298,111	483
2003	120	159,923	297,434	...	410	27,302	0	235,188	360

Table 87 (continued). Total catches (tonnes) of bigeye, skipjack and yellowfin in the WCPO by fishing nation

YEAR	TUVALU	UNITED STATES	VANUATU	TOTAL
1950	-	1,084	-	...
1951	-	1,221	-	...
1952	-	1,389	-	152,948
1953	-	1,456	-	146,863
1954	-	1,439	-	165,519
1955	-	1,355	-	179,645
1956	-	1,142	-	184,116
1957	-	856	-	206,210
1958	-	834	-	268,779
1959	-	804	-	285,709
1960	-	704	-	206,489
1961	-	621	-	270,531
1962	-	662	-	304,202
1963	-	542	-	243,933
1964	-	512	-	290,444
1965	-	498	-	262,462
1966	-	505	-	379,013
1967	-	434	-	306,034
1968	-	356	-	299,366
1969	-	425	-	313,234
1970	-	484	-	375,112
1971	-	426	-	361,050
1972	-	411	-	394,980
1973	-	293	-	492,320
1974	-	338	-	529,494
1975	-	277	-	481,598
1976	-	1,048	-	576,700
1977	-	1,322	-	654,382
1978	-	1,423	-	683,098
1979	-	11,852	-	671,316
1980	-	13,462	-	731,086
1981	-	40,438	-	716,556
1982	216	75,282	-	769,279
1983	337	181,385	-	997,276
1984	540	162,027	-	1,067,838
1985	4	109,819	-	924,435
1986	390	123,158	-	1,064,731
1987	632	143,869	-	1,068,550
1988	1,090	118,051	-	1,169,178
1989	149	144,119	-	1,206,911
1990	90	167,027	-	1,333,893
1991	29	219,647	-	1,589,985
1992	8	205,732	-	1,507,575
1993	-	201,920	-	1,377,775
1994	-	212,608	820	1,497,616
1995	-	172,930	6,818	1,506,614
1996	-	154,570	9,213	1,424,115
1997	-	150,138	26,464	1,524,081
1998	-	180,719	39,168	1,871,442
1999	-	188,235	47,657	1,700,634
2000	-	131,052	35,630	1,791,662
2001	-	120,811	...	1,664,282
2002	-	125,695	169	1,824,383
2003	-	94,003	135	1,839,635

Table 88. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the Eastern Pacific Ocean. Symbols: ‘...’ = missing data.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	32,746	19	...		56,574	33	82,656	48	171,976
1951	15,629	11	...		52,516	37	72,824	52	140,969
1952	25,216	17	...		38,435	27	80,910	56	144,561
1953	15,911	12	...		55,983	42	60,041	46	131,935
1954	12,393	9	1,610	1	69,742	50	54,375	39	138,120
1955	13,930	10	1,810	1	58,063	42	64,324	47	138,127
1956	19,530	11	2,408	1	68,175	40	81,265	47	171,378
1957	22,144	13	9,698	6	55,300	33	79,800	48	166,942
1958	16,858	10	10,592	6	73,106	42	72,263	42	172,819
1959	23,541	13	11,516	7	79,725	45	61,598	35	176,380
1960	23,258	12	17,734	9	41,911	21	112,128	57	195,031
1961	19,059	7	52,644	21	68,587	27	115,270	45	255,560
1962	28,890	13	45,378	20	71,145	31	84,490	37	229,903
1963	42,009	15	66,692	23	95,681	34	81,026	28	285,408
1964	29,185	12	46,347	19	59,709	25	106,047	44	241,288
1965	21,866	10	29,282	13	78,558	35	94,789	42	224,495
1966	21,658	10	35,067	17	60,729	29	89,708	43	207,162
1967	26,206	10	37,542	14	120,810	44	89,245	33	273,803
1968	32,177	12	37,792	15	71,352	28	116,994	45	258,315
1969	27,254	10	52,583	19	59,300	21	144,014	51	283,151
1970	29,770	10	34,575	12	56,139	19	168,273	58	288,757
1971	28,816	10	32,371	11	104,710	35	130,735	44	296,632
1972	35,377	12	38,366	13	33,657	11	193,987	64	301,387
1973	24,297	7	52,755	16	44,165	13	216,950	64	338,167
1974	28,778	8	37,851	10	78,900	22	217,554	60	363,083
1975	27,120	7	45,733	11	124,441	30	212,845	52	410,139
1976	21,621	5	64,476	14	126,486	27	251,835	54	464,418
1977	17,174	4	81,138	20	86,441	22	211,168	53	395,921
1978	31,640	7	82,190	17	169,920	36	190,758	40	474,508
1979	15,122	4	62,968	15	132,058	32	201,149	49	411,297
1980	12,136	3	79,668	20	130,696	33	172,904	44	395,404
1981	20,437	5	63,667	16	119,549	30	189,813	48	393,466
1982	11,804	4	57,678	19	98,580	32	136,241	45	304,303
1983	17,655	7	63,224	26	58,224	24	105,392	43	244,495
1984	18,460	6	52,289	18	60,584	21	155,443	54	286,776
1985	15,437	4	70,658	19	49,504	14	230,188	63	365,787
1986	11,520	2	104,252	22	63,611	14	291,082	62	470,465
1987	9,160	2	100,976	22	62,057	13	290,863	63	463,056
1988	16,186	3	73,884	15	85,441	18	303,659	63	479,170
1989	9,121	2	73,369	15	92,432	19	306,711	64	481,633
1990	10,819	2	103,701	21	72,621	15	308,102	62	495,243
1991	10,776	2	107,906	24	63,261	14	269,957	60	451,900
1992	13,631	3	90,007	20	83,935	19	258,363	58	445,936
1993	22,958	5	80,615	18	87,420	20	256,717	57	447,710
1994	23,057	5	100,871	23	74,605	17	249,491	56	448,024
1995	16,478	3	95,547	19	138,289	28	244,414	49	494,728
1996	14,841	3	98,060	20	112,182	23	267,078	54	492,161
1997	16,073	3	104,067	19	161,995	29	280,260	50	562,395
1998	26,995	5	81,915	15	145,211	27	281,822	53	535,943
1999	26,246	4	74,200	11	265,621	39	308,400	46	674,467
2000	25,267	4	120,430	18	210,555	32	296,976	45	653,228
2001	26,889	4	107,702	15	144,632	21	423,999	60	703,222
2002	26,639	4	107,567	15	160,627	22	442,269	60	737,102
2003	22,493	3	85,302	11	259,895	33	416,847	53	784,537

Table 89. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the Pacific Ocean. Symbols: ‘...’ = missing data.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	68,184		...		...		...		...
1951	48,114		...		159,092		...		...
1952	94,352	26	27,494	7	130,737	36	114,062	31	366,645
1953	77,610	23	26,044	8	136,304	40	100,539	30	340,497
1954	71,072	20	20,274	6	173,903	48	97,069	27	362,318
1955	63,132	17	30,844	8	166,314	45	106,684	29	366,974
1956	83,745	20	36,058	9	175,364	42	124,542	30	419,709
1957	101,025	22	50,410	11	162,241	36	138,357	31	452,033
1958	74,359	15	59,230	12	230,489	46	135,021	27	499,099
1959	69,169	14	53,041	10	256,999	51	128,508	25	507,717
1960	85,696	18	61,439	13	131,849	28	184,974	40	463,958
1961	76,350	13	90,642	16	225,323	39	191,067	33	583,382
1962	82,483	14	80,557	14	252,769	43	171,889	29	587,698
1963	100,017	17	109,225	19	218,384	37	159,723	27	587,349
1964	85,349	15	76,994	13	242,618	41	182,935	31	587,896
1965	99,131	18	59,101	10	233,762	41	172,228	31	564,222
1966	105,534	16	66,937	10	310,187	46	187,393	28	670,051
1967	123,724	18	70,755	10	325,474	48	157,402	23	677,355
1968	99,027	16	63,803	10	266,108	43	195,593	31	624,531
1969	99,928	15	83,235	12	261,868	39	224,028	33	669,059
1970	102,244	14	73,708	10	298,233	41	262,158	36	736,343
1971	127,786	17	71,866	9	331,355	44	225,645	30	756,652
1972	143,853	18	89,837	11	269,574	33	301,579	37	804,843
1973	145,238	15	94,787	10	371,083	39	340,320	36	951,428
1974	147,889	15	84,071	8	434,614	43	345,114	34	1,011,688
1975	116,827	12	106,119	11	413,421	42	345,077	35	981,444
1976	149,611	13	137,862	12	484,385	41	397,250	34	1,169,108
1977	98,670	9	154,621	14	490,542	43	387,966	34	1,131,799
1978	135,744	11	140,310	11	620,393	49	365,263	29	1,261,710
1979	100,763	9	128,830	11	543,362	47	395,299	34	1,168,254
1980	107,791	9	142,260	12	589,115	48	382,979	31	1,222,145
1981	105,960	9	116,736	10	557,727	47	415,122	35	1,195,545
1982	99,261	9	116,412	10	589,685	51	355,681	31	1,161,039
1983	80,125	6	122,809	9	742,045	57	359,262	28	1,304,241
1984	95,433	7	115,933	8	816,122	57	404,099	28	1,431,587
1985	90,607	7	139,177	10	649,289	48	486,319	36	1,365,392
1986	81,934	5	167,591	10	820,457	51	535,628	33	1,605,610
1987	78,936	5	181,714	11	747,947	47	592,785	37	1,601,382
1988	86,702	5	141,919	8	927,116	54	563,127	33	1,718,864
1989	97,219	5	148,637	8	910,673	51	620,113	35	1,776,642
1990	91,347	5	195,420	10	963,865	50	659,032	35	1,909,664
1991	71,608	3	185,483	9	1,184,353	56	661,273	31	2,102,717
1992	91,997	5	182,715	9	1,095,336	54	661,829	33	2,031,877
1993	88,983	5	161,302	9	994,954	53	646,271	34	1,891,510
1994	114,301	6	191,356	9	1,078,905	53	652,322	32	2,036,884
1995	100,038	5	177,394	9	1,188,626	57	618,844	30	2,084,902
1996	114,163	6	178,716	9	1,138,974	57	583,745	29	2,015,598
1997	138,869	6	206,124	9	1,134,980	51	729,299	33	2,209,272
1998	140,674	6	186,660	7	1,446,265	57	747,465	30	2,521,064
1999	161,127	6	189,338	8	1,422,513	57	737,004	29	2,509,982
2000	131,302	5	226,127	9	1,461,831	57	731,665	29	2,550,925
2001	142,421	6	210,590	8	1,279,347	52	850,678	34	2,483,036
2002	166,384	6	222,646	8	1,455,480	54	856,720	32	2,701,230
2003	156,523	6	189,135	7	1,531,187	56	881,357	32	2,758,202

Table 90. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the Atlantic Ocean. Symbols: '...' = missing data.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	39,623	94	808	2	704	2	1,200	3	42,335
1951	34,149	91	1,651	4	459	1	1,358	4	37,617
1952	32,397	83	2,018	5	1,810	5	2,787	7	39,012
1953	30,117	78	2,951	8	2,067	5	3,600	9	38,735
1954	39,979	83	2,932	6	2,090	4	3,407	7	48,408
1955	31,424	73	4,808	11	2,588	6	4,300	10	43,120
1956	40,921	77	2,769	5	2,655	5	6,597	12	52,942
1957	42,847	55	8,720	11	2,131	3	23,698	31	77,396
1958	53,495	53	4,290	4	2,108	2	40,581	40	100,474
1959	54,627	45	7,732	6	2,256	2	57,769	47	122,384
1960	62,967	43	9,087	6	4,434	3	68,896	47	145,384
1961	53,272	39	17,012	13	5,872	4	59,075	44	135,231
1962	77,226	46	23,065	14	11,284	7	58,122	34	169,697
1963	77,460	41	25,985	14	20,032	11	64,917	34	188,394
1964	90,353	45	23,489	12	18,800	9	69,345	34	201,987
1965	90,732	41	39,234	18	24,081	11	68,152	31	222,199
1966	75,030	41	25,057	14	22,833	13	58,897	32	181,817
1967	74,950	41	25,028	14	24,359	13	60,592	33	184,929
1968	71,863	32	23,726	10	48,375	21	84,054	37	228,018
1969	76,479	32	36,746	16	29,311	12	94,159	40	236,695
1970	70,308	30	42,297	18	50,255	21	74,331	31	237,191
1971	82,941	29	55,774	19	78,438	27	73,807	25	290,960
1972	83,330	28	47,170	16	77,351	26	94,086	31	301,937
1973	75,686	25	56,976	19	78,391	26	95,127	31	306,180
1974	72,489	20	64,069	18	117,297	32	107,141	30	360,996
1975	59,555	20	61,301	20	56,027	19	124,796	41	301,679
1976	77,346	24	45,302	14	69,345	22	124,960	39	316,953
1977	76,099	20	54,880	15	110,577	30	131,013	35	372,569
1978	73,806	20	52,693	14	108,115	29	134,044	36	368,658
1979	74,826	22	45,975	14	89,696	27	127,517	38	338,014
1980	62,137	17	63,597	17	111,358	30	130,961	36	368,053
1981	60,071	14	67,753	16	131,061	32	155,819	38	414,704
1982	73,617	16	73,493	16	154,909	33	165,001	35	467,020
1983	67,643	16	59,385	14	135,038	32	165,373	39	427,439
1984	59,842	16	71,052	19	126,826	34	113,940	31	371,660
1985	76,052	18	78,215	18	118,713	28	156,547	36	429,527
1986	88,554	21	65,396	15	122,172	29	146,535	35	422,657
1987	82,739	21	55,976	14	114,566	29	144,428	36	397,709
1988	68,048	17	65,796	16	139,962	34	135,219	33	409,025
1989	63,342	15	78,068	19	116,120	28	161,322	39	418,852
1990	67,167	14	84,337	17	138,659	29	192,456	40	482,619
1991	56,342	11	94,795	18	203,175	39	163,848	32	518,160
1992	69,598	14	97,758	20	152,815	32	160,492	33	480,663
1993	73,078	14	110,060	21	180,929	35	158,338	30	522,405
1994	71,615	13	129,507	24	164,435	31	168,170	32	533,727
1995	67,512	14	123,155	25	151,249	31	149,112	30	491,028
1996	60,352	13	119,114	25	142,118	30	150,625	32	472,209
1997	59,439	13	105,647	24	141,091	32	136,481	31	442,658
1998	58,880	13	109,887	24	145,875	32	147,471	32	462,113
1999	67,295	14	121,177	25	161,471	33	141,562	29	491,505
2000	71,409	16	102,349	23	138,758	31	132,882	30	445,398
2001	70,069	15	95,403	20	148,998	31	158,826	34	473,296
2002	59,584	15	73,106	19	114,491	30	137,441	36	384,622
2003	...	...	...	...	...	...	...	...	...

Table 91. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the Indian Ocean. Symbols: '...' = missing data; '0' = effort, but no catch.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	6	0	0	0	13,194	87	2,030	13	15,230
1951	6	0	0	0	6,894	76	2,230	24	9,130
1952	67	0	280	1	17,894	74	6,013	25	24,254
1953	1,094	4	1,653	6	16,429	58	9,192	32	28,368
1954	2,830	5	6,850	13	18,067	35	24,407	47	52,154
1955	3,341	4	9,739	12	18,590	23	47,900	60	79,570
1956	5,611	5	12,845	12	21,644	21	64,788	62	104,888
1957	5,324	7	11,990	15	23,584	29	40,067	49	80,965
1958	7,281	10	11,653	16	22,449	32	29,634	42	71,017
1959	11,643	16	9,866	13	22,649	31	29,927	40	74,085
1960	12,129	13	16,113	17	21,854	23	43,511	46	93,607
1961	16,630	17	14,948	15	26,240	26	41,639	42	99,457
1962	18,991	17	18,479	16	21,233	19	55,726	49	114,429
1963	14,155	15	13,300	14	28,256	30	37,124	40	92,835
1964	19,355	20	17,809	18	24,961	26	35,065	36	97,190
1965	13,009	13	19,067	19	30,427	30	37,540	38	100,043
1966	15,437	12	23,714	43	36,273	27	56,839	43	132,263
1967	21,890	16	24,524	18	42,852	31	48,230	35	137,496
1968	18,321	10	37,076	19	46,039	24	90,693	47	192,129
1969	20,271	13	29,000	19	41,784	27	64,929	42	155,984
1970	13,380	10	25,322	20	47,459	37	41,315	32	127,476
1971	12,433	10	20,818	17	44,963	38	41,425	35	119,639
1972	12,017	11	18,265	16	40,042	35	42,840	38	113,164
1973	22,782	19	15,888	13	43,837	37	36,154	30	118,661
1974	29,491	20	26,630	18	55,779	37	38,149	25	150,049
1975	10,956	8	36,084	27	45,504	35	39,255	30	131,795
1976	14,927	12	27,759	22	46,455	37	37,760	30	126,901
1977	11,846	8	34,433	24	38,157	26	59,849	41	144,285
1978	17,562	11	49,264	32	36,386	24	51,082	33	154,294
1979	17,586	13	33,370	24	42,035	30	45,449	33	138,440
1980	13,428	10	34,353	25	50,901	37	39,146	28	137,828
1981	14,449	10	34,356	24	53,171	37	41,648	29	143,624
1982	24,278	14	42,864	24	56,684	32	52,989	30	176,815
1983	19,258	10	49,336	25	70,243	35	62,509	31	201,346
1984	16,939	6	43,236	16	113,174	41	100,510	37	273,859
1985	10,592	3	51,916	16	140,045	43	121,964	38	324,517
1986	29,912	8	57,174	15	154,227	40	142,701	37	384,014
1987	29,097	7	64,294	15	171,544	41	156,433	37	421,368
1988	29,343	6	73,590	14	206,355	40	211,324	41	520,612
1989	24,373	4	68,976	13	253,600	46	200,605	37	547,554
1990	30,386	5	73,275	13	235,554	41	231,795	41	571,010
1991	28,832	5	76,864	13	251,715	43	226,200	39	583,611
1992	20,766	3	72,233	11	276,788	41	305,580	45	675,367
1993	19,362	2	106,467	13	295,693	37	386,055	48	807,577
1994	25,173	3	112,428	14	329,655	42	314,280	40	781,536
1995	23,655	3	123,580	16	318,876	40	323,587	41	789,698
1996	31,012	4	129,652	16	298,607	38	336,491	42	795,762
1997	28,041	3	149,091	18	311,773	39	319,759	40	808,664
1998	39,261	5	144,457	18	326,002	40	295,500	37	805,220
1999	38,955	4	150,122	16	418,702	45	330,759	35	938,536
2000	40,664	5	129,198	15	408,061	46	305,275	35	883,198
2001	41,654	5	111,219	13	407,364	48	281,570	33	841,807
2002	42,748	4	122,841	13	482,247	50	308,480	32	956,316
2003	...	...	...	...	...	...	...	...	...

Table 92. Global catches (tonnes) of albacore, bigeye, skipjack and yellowfin. Symbols: '...' = missing data.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	107,813		...		...		...		...
1951	82,269		...		166,445		...		...
1952	126,816	29	29,792	7	150,441	35	122,862	29	429,911
1953	108,821	27	30,648	8	154,800	38	113,331	28	407,600
1954	113,881	25	30,056	6	194,060	42	124,883	27	462,880
1955	97,897	20	45,391	9	187,492	38	158,884	32	489,664
1956	130,277	23	51,672	9	199,663	35	195,927	34	577,539
1957	149,196	24	71,120	12	187,956	31	202,122	33	610,394
1958	135,135	20	75,173	11	255,046	38	205,236	31	670,590
1959	135,439	19	70,639	10	281,904	40	216,204	31	704,186
1960	160,792	23	86,639	12	158,137	22	297,381	42	702,949
1961	146,252	18	122,602	15	257,435	31	291,781	36	818,070
1962	178,700	20	122,101	14	285,286	33	285,737	33	871,824
1963	191,632	22	148,510	17	266,672	31	261,764	30	868,578
1964	195,057	22	118,292	13	286,379	32	287,345	32	887,073
1965	202,872	23	117,402	13	288,270	33	277,920	31	886,464
1966	196,001	20	115,708	12	369,293	38	303,129	31	984,131
1967	220,564	22	120,307	12	392,685	39	266,224	27	999,780
1968	189,211	18	124,605	12	360,522	35	370,340	35	1,044,678
1969	196,678	19	148,981	14	332,963	31	383,116	36	1,061,738
1970	185,932	17	141,327	13	395,947	36	377,804	34	1,101,010
1971	223,160	19	148,458	13	454,756	39	340,877	29	1,167,251
1972	239,200	20	155,272	13	386,967	32	438,505	36	1,219,944
1973	243,706	18	167,651	12	493,311	36	471,601	34	1,376,269
1974	249,869	16	174,770	11	607,690	40	490,404	32	1,522,733
1975	187,338	13	203,504	14	514,952	36	509,128	36	1,414,922
1976	241,884	15	210,923	13	600,185	37	559,970	35	1,612,962
1977	186,615	11	243,934	15	639,276	39	578,828	35	1,648,653
1978	227,112	13	242,267	14	764,894	43	550,389	31	1,784,662
1979	193,175	12	208,175	13	675,093	41	568,265	35	1,644,708
1980	183,356	11	240,210	14	751,374	43	553,086	32	1,728,026
1981	180,480	10	218,845	12	741,959	42	612,589	35	1,753,873
1982	197,156	11	232,769	13	801,278	44	573,671	32	1,804,874
1983	167,026	9	231,530	12	947,326	49	587,144	30	1,933,026
1984	172,214	8	230,221	11	1,056,122	51	618,549	30	2,077,106
1985	177,251	8	269,308	13	908,047	43	764,830	36	2,119,436
1986	200,400	8	290,161	12	1,096,856	45	824,864	34	2,412,281
1987	190,772	8	301,984	12	1,034,057	43	893,646	37	2,420,459
1988	184,093	7	281,305	11	1,273,433	48	909,670	34	2,648,501
1989	184,934	7	295,681	11	1,280,393	47	982,040	36	2,743,048
1990	188,900	6	353,032	12	1,338,078	45	1,083,283	37	2,963,293
1991	156,782	5	357,142	11	1,639,243	51	1,051,321	33	3,204,488
1992	182,361	6	352,706	11	1,524,939	48	1,127,901	35	3,187,907
1993	181,423	6	377,829	12	1,471,576	46	1,190,664	37	3,221,492
1994	211,089	6	433,291	13	1,572,995	47	1,134,772	34	3,352,147
1995	191,205	6	424,129	13	1,658,751	49	1,091,543	32	3,365,628
1996	205,527	6	427,482	13	1,579,699	48	1,070,861	33	3,283,569
1997	226,349	7	460,862	13	1,587,844	46	1,185,539	34	3,460,594
1998	238,815	6	441,004	12	1,918,142	51	1,190,436	31	3,788,397
1999	267,377	7	460,637	12	2,002,686	51	1,209,325	31	3,940,025
2000	243,375	6	457,674	12	2,008,650	52	1,169,822	30	3,879,521
2001	254,144	7	417,212	11	1,835,709	48	1,291,074	34	3,798,139
2002	268,716	7	418,593	10	2,052,218	51	1,302,641	32	4,042,168
2003	...	...	...	...	...	...	...	...	...

Table 93. Global catches (tonnes) of albacore, bigeye, skipjack and yellowfin by ocean area. Symbols: ‘...’ = missing data; estimates in parentheses have been carried over from previous years.

YEAR	WCPO		EPO		ATLANTIC		INDIAN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	...		171,976		42,335		15,230		...
1951	...		140,969		37,617		9,130		...
1952	222,084	52	144,561	34	39,012	9	24,254	6	429,911
1953	208,562	51	131,935	32	38,735	10	28,368	7	407,600
1954	224,198	48	138,120	30	48,408	10	52,154	11	462,880
1955	228,847	47	138,127	28	43,120	9	79,570	16	489,664
1956	248,331	43	171,378	30	52,942	9	104,888	18	577,539
1957	285,091	47	166,942	27	77,396	13	80,965	13	610,394
1958	326,280	49	172,819	26	100,474	15	71,017	11	670,590
1959	331,337	47	176,380	25	122,384	17	74,085	11	704,186
1960	268,927	38	195,031	28	145,384	21	93,607	13	702,949
1961	327,822	40	255,560	31	135,231	17	99,457	12	818,070
1962	357,795	41	229,903	26	169,697	19	114,429	13	871,824
1963	301,941	35	285,408	33	188,394	22	92,835	11	868,578
1964	346,608	39	241,288	27	201,987	23	97,190	11	887,073
1965	339,727	38	224,495	25	222,199	25	100,043	11	886,464
1966	462,889	47	207,162	21	181,817	18	132,263	13	984,131
1967	403,552	40	273,803	27	184,929	18	137,496	14	999,780
1968	366,216	35	258,315	25	228,018	22	192,129	18	1,044,678
1969	385,908	36	283,151	27	236,695	22	155,984	15	1,061,738
1970	447,586	41	288,757	26	237,191	22	127,476	12	1,101,010
1971	460,020	39	296,632	25	290,960	25	119,639	10	1,167,251
1972	503,456	41	301,387	25	301,937	25	113,164	9	1,219,944
1973	613,261	45	338,167	25	306,180	22	118,661	9	1,376,269
1974	648,605	43	363,083	24	360,996	24	150,049	10	1,522,733
1975	571,305	40	410,139	29	301,679	21	131,799	9	1,414,922
1976	704,690	44	464,418	29	316,953	20	126,901	8	1,612,962
1977	735,878	45	395,921	24	372,569	23	144,285	9	1,648,653
1978	787,202	44	474,508	27	368,658	21	154,294	9	1,784,662
1979	756,957	46	411,297	25	338,014	21	138,440	8	1,644,708
1980	826,741	48	395,404	23	368,053	21	137,828	8	1,728,026
1981	802,079	46	393,466	22	414,704	24	143,624	8	1,753,873
1982	856,736	47	304,303	17	467,020	26	176,815	10	1,804,874
1983	1,059,746	55	244,495	13	427,439	22	201,346	10	1,933,026
1984	1,144,811	55	286,776	14	371,660	18	273,859	13	2,077,106
1985	999,605	47	365,787	17	429,527	20	324,517	15	2,119,436
1986	1,135,145	47	470,465	20	422,657	18	384,014	16	2,412,281
1987	1,138,326	47	463,056	19	397,709	16	421,368	17	2,420,459
1988	1,239,694	47	479,170	18	409,025	15	520,612	20	2,648,501
1989	1,295,009	47	481,633	18	418,852	15	547,554	20	2,743,048
1990	1,414,421	48	495,243	17	482,619	16	571,010	19	2,963,293
1991	1,650,817	52	451,900	14	518,160	16	583,611	18	3,204,488
1992	1,585,941	50	445,936	14	480,663	15	675,367	21	3,187,907
1993	1,443,800	45	447,710	14	522,405	16	807,577	25	3,221,492
1994	1,588,860	47	448,024	13	533,727	16	781,536	23	3,352,147
1995	1,590,174	47	494,728	15	491,028	15	789,698	23	3,365,628
1996	1,523,437	46	492,161	15	472,209	14	795,762	24	3,283,569
1997	1,646,877	48	562,395	16	442,658	13	808,664	23	3,460,594
1998	1,985,121	52	535,943	14	462,113	12	805,220	21	3,788,397
1999	1,835,515	47	674,467	17	491,505	12	938,538	24	3,940,025
2000	1,897,697	49	653,228	17	445,398	11	883,198	23	3,879,521
2001	1,779,814	47	703,222	19	473,296	12	841,807	22	3,798,139
2002	1,964,128	49	737,102	18	384,622	10	956,316	24	4,042,168
2003	1,973,665	48	784,537	19	(384,622)	9	(956,316)	23	4,099,140

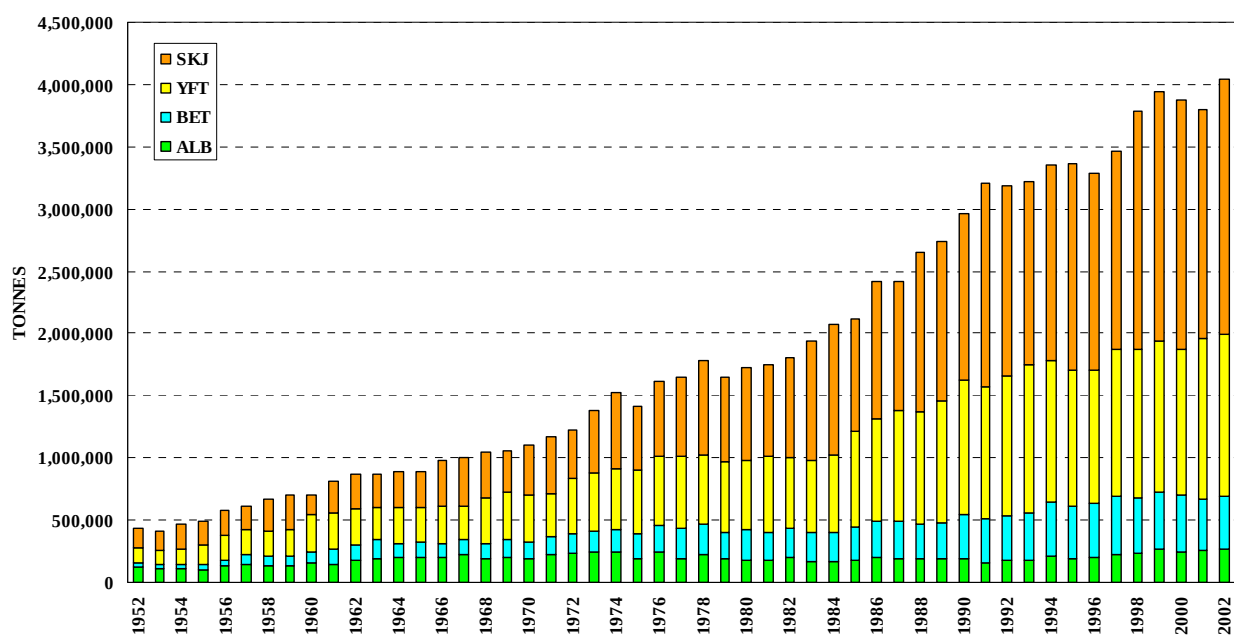


Figure 113. Global catches (tonnes) of albacore (ALB) , bigeye (BET), skipjack (SKJ) and yellowfin (YFT)

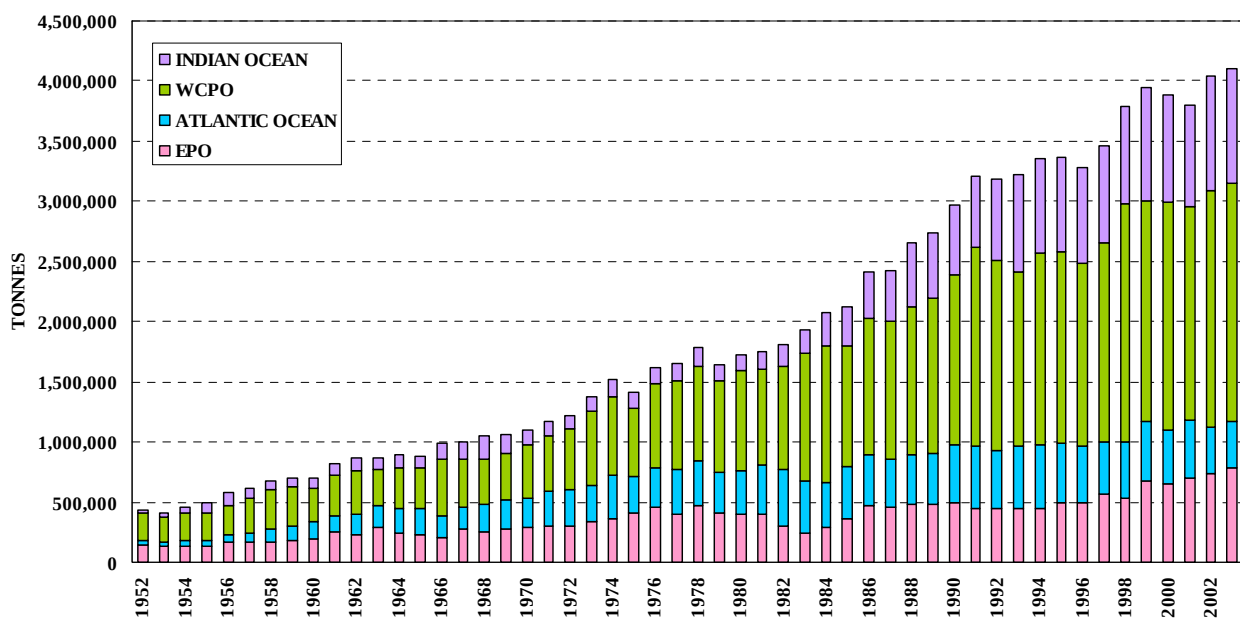


Figure 114. Catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the Atlantic Ocean, Indian Ocean, Eastern Pacific Ocean (EPO) and Western and Central Pacific Ocean (WCPO), including preliminary estimates for 2003