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2001

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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 2001. 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, and the Taiwanese distant-water longline fleet, for which maps were produced from data grouped by time–area strata provided by the distant-water 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 2001 should be considered as preliminary.

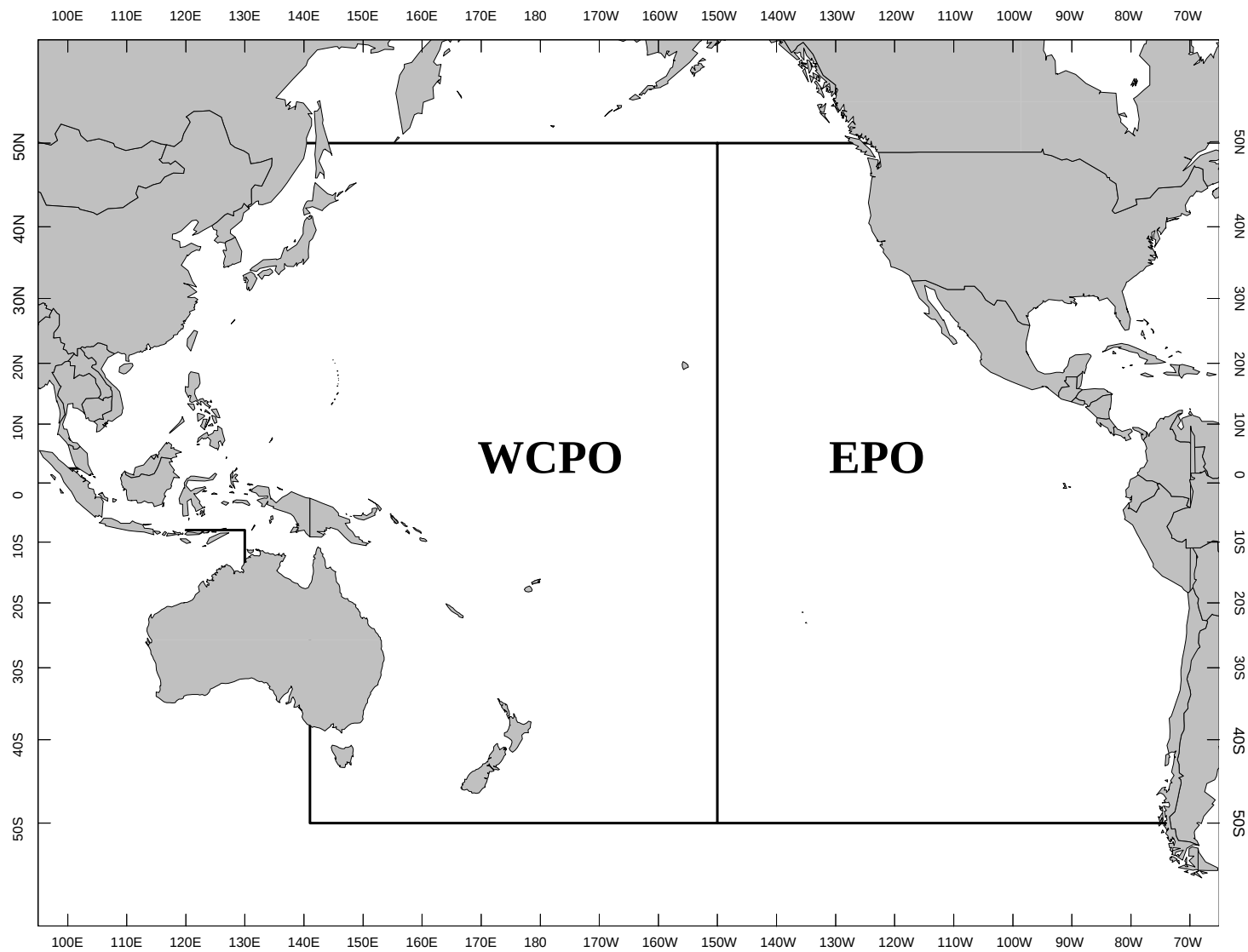


Figure 1. Western and Central Pacific Ocean (WCPO) and Eastern Pacific Ocean (EPO)

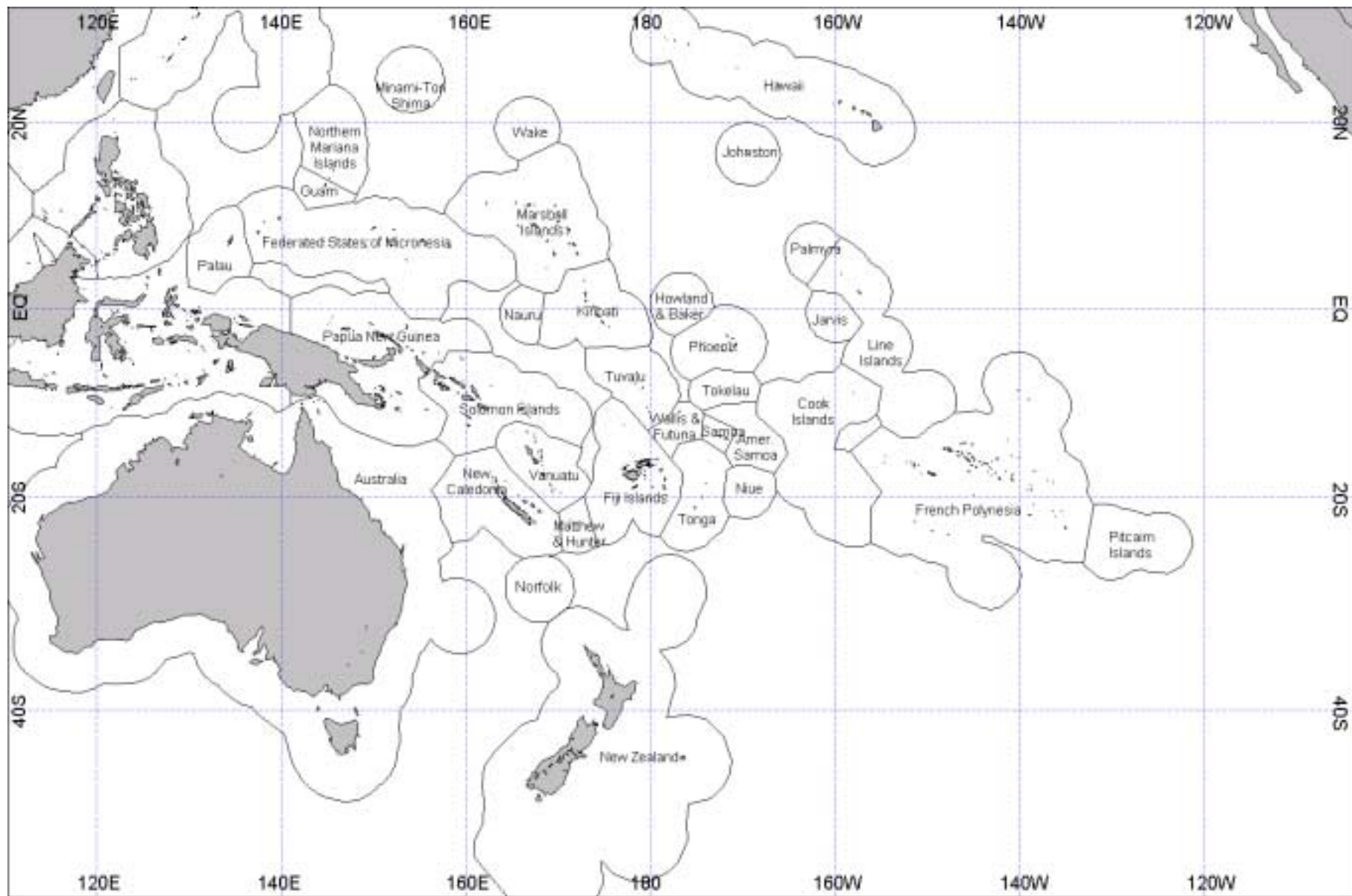


Figure 2. Approximate 200-mile zones

SOURCES OF ESTIMATES

DRIFT NET

Japan	<u>Albacore</u> : All estimates were taken from Matsunaga and Uozumi (1996).
Korea	<u>Albacore</u> : The estimate for 1989 was provided by the National Fisheries Administration of the Republic of Korea (Kim, pers. comm., June 1989).
Taiwan	<u>Albacore</u> : 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	<u>Vessels, Albacore, Bigeye and Yellowfin</u> : 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 1997–2001 were taken from Ito et al. (2002). CPUE estimates were determined from data held at SPC.
Australia	<u>Vessels, Albacore, Bigeye and Yellowfin</u> : 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 and Bromhead (2002). 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 catch estimates have been converted from dressed weights to whole weights using conversion factors of 1.131 for bigeye and 1.166 for yellowfin.
Australia–Japan joint venture	<u>Vessels, Albacore, Bigeye and Yellowfin</u> : 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	<u>Vessels, Albacore, Bigeye and Yellowfin</u> : 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 number of vessels active and catch estimates for 1999–2001 were taken from Xu (2002). The map of catches taken in 2001 does not cover vessels targeting albacore at higher latitudes.
Cook Islands	<u>Vessels, Albacore, Bigeye and Yellowfin</u> : Estimates of the number of vessels and catches 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). All estimates of CPUE were determined from logsheet data held at SPC.
Fed. States of Micronesia	<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.

LONGLINE continued

Fiji Islands	<u>Vessels, Albacore, Bigeye and Yellowfin</u>: 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 1997–2001 were taken from Amoe (2002); the estimates for 1997–1999 have not been raised to account for missing data. These statistics include joint ventures with Australia, Korea, New Zealand, Taiwan and the United States, but not chartered Taiwanese distant-water longliners or United States longliners fishing as foreign vessels. CPUE estimates were determined from logsheet data held at SPC.
French Polynesia	<u>Vessels, Albacore, Bigeye and Yellowfin</u>: The numbers of vessels and catch estimates for 1990 were taken from Stein (2000). The numbers of vessels and catch estimates for 1991–2001 were taken from Misselis (2002). Estimates of days fished and CPUE for 1990–2001 were provided by the Service des Ressources Marines (Stein, pers. comm., April 2000, April 2002, July 2002; Misselis, pers. comm., July 2001). Catches to the east of 150°W may be included. These statistics cover all longliners, including coastal longliners (<i>palangriers côtiers</i>), offshore longliners (<i>palangriers hauturiers</i>) and converted <i>bonitiers</i>. The catch estimates cover discards.
Indonesia	<u>Vessels</u>: All estimates were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). <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 (Hampton et al. 1996). For the sources of the unadjusted estimates of yellowfin, see ‘Yellowfin’ below. <u>Yellowfin</u>: 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. The estimate for 1991 was provided by the Directorate General of Fisheries (Muranto, pers. comm., May 1993). Estimates for 1992–2000 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Naamin, pers. comm., August 1995; Retnowati, pers. comm., July 2002). 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).
Japan, coastal	<u>Vessels</u>: Estimates for 1970–1995 were taken from Okamoto et al. (1997). Estimates for 1996–1998 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1998, May 1999, June 2000). <u>Bigeye and Yellowfin</u>: Estimates of yellowfin catches for 1952–1968 were taken from Anon. (1980). All other estimates were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1998, May 1999, June 2000).
Japan, offshore/distant-water	<u>Vessels</u>: Estimates for 1953–1999 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1999, June 2000). The numbers of distant-water vessels are for all oceans.

LONGLINE continued

Albacore in the WCPO (Table 9), Bigeye and Yellowfin: Estimates of yellowfin catches for 1952–1961 were determined by subtracting estimates for the Eastern Pacific Ocean provided by the Inter-American Tropical Tuna Commission from estimates for the whole Pacific Ocean taken from Anon. (1980). All estimates for 1962–1969 and 1999–2000, and estimates of the catch of other species and CPUE estimates for 1970–1998, 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. All estimates for 1970–1998, except the catch of other species and CPUE estimates, were taken from Miyabe et al. (2000); these estimates do not cover catches to the west of 120°E.

Albacore in the South Pacific Ocean (Table 66): Estimates for 1952–1969 were taken from Matsunaga and Uozumi (1996). Estimates for 1970–1998 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1999, June 2000). Estimates for 1999–2000 were determined from catch and effort data, grouped by 5° latitude, 5° longitude and month, provided by the Fisheries Agency of Japan.

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

Korea Vessels: Estimates for 1958–1969 were taken from Wetherall and Yong (1986). Estimates for 1970–1974 were provided by the National Fisheries Research and Development Institute (NFRDI) (Lee, pers. comm. to Coan, 1997). Estimates for 1975–2000 were taken from Koh (2001). The numbers of vessels are for the whole Pacific Ocean.

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 1997–2001 were taken from Koh et al. (2002). 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 66): 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).

Marshall Islands 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.

LONGLINE continued

- New Caledonia** Vessels, Albacore, Bigeye and Yellowfin: 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 CPUE estimates were determined from logsheet data held by SPC. Estimates for 1983–1995 for bigeye and yellowfin have been converted from processed to whole weights using the factor of 1.12 recommended by the Marine Marchande (Etaix-Bonnin, pers. comm., April 1999).
- New Zealand** Vessels: Estimates for 1989–2001 were provided by the National Institute of Water and Atmospheric Research (Murray, pers. comm., June 2002).
- 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).
- 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 1997–2001 were taken from Kumoru (2002). Catch estimates for 1997–1999 were determined from logsheet and landings data held at SPC. Catch estimates for 2000 were first determined from logsheet and landings data held at SPC and then were raised by the ratio of the number of vessels active reported in Kumoru (2002) to the number of vessels covered by logsheet and landings data held at SPC. Catch estimates for 2001 represent export statistics provided by the National Fisheries Authority (Baker, pers. comm., May 2002). All CPUE estimates were determined from logsheet data held by SPC.
- Philippines** Vessels: All estimates were provided by the Bureau of Fisheries and Aquatic Sciences (Ganaden, pers. comm. to Coan, 1997).
- Bigeye and Yellowfin: All estimates for 1970–1996 were taken from Lawson and Williams (1998). Estimates of the total catch of skipjack and combined yellowfin and bigeye for 1997 were provided by the Bureau of Agricultural Statistics (Lingbawan, pers. comm., May 1999); catches by species were estimated using the method in Lawson and Williams (1998) and the proportions by gear type for 1996.
- Samoa** Vessels, Albacore, Bigeye and Yellowfin: The number of vessels and catch estimates for 1993 were taken from Mulipola and 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 and Watt (2001). The number of vessels and 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.

LONGLINE continued

- 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 1998–2001 were taken from Oreihaka (2002). CPUE estimates for 1995–2000 were determined from logsheet data held at SPC. All estimates for 2001 were determined from logsheet data held at SPC.
- Taiwan, offshore, E of 130°E 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).
- Taiwan, offshore, W of 130°E 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 and Kuo (2001). Estimates for 1997–2001 were taken from Wang et al. (2002). The estimates for 1996–2001 represent landings in Taiwan and may include catches from other ocean areas.
- Taiwan, 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 and Lu (1998). Estimates for 1998–2001 were provided by the Overseas Fisheries Development Council (Wang, pers. comm., June 2000, August 2001, June 2002).

LONGLINE continued

Albacore, Bigeye and Yellowfin in the WCPO (Table 19): 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 1996–2000 were estimated by adjusting estimates for the whole Pacific Ocean taken from Wang and Kuo (2001) and Wang et al. (2002) by the proportion of the albacore catch taken in the WCPO, which was determined from logsheet data grouped by 5° longitude, 5° latitude and month, provided by OFDC. Catch estimates for 2001 were estimated by adjusting estimates for the whole Pacific Ocean taken from Wang et al. (2002) by the average proportion of the albacore catch taken in the WCPO during 1996–2000, which was determined from logsheet data grouped by 5° longitude, 5° latitude and month, provided by OFDC. Catches of ‘other’ for 1996–2001 represent billfish and skipjack.

Albacore in the South Pacific Ocean (Table 66): Catch estimates for 1963–1966 were taken from Wetherall et al. (1979). All estimates for 1967–2000 were determined from logsheet data grouped by 5° longitude, 5° latitude and month (see above). The estimate for 2001 was estimated by adjusting the estimates for the whole Pacific Ocean taken from Wang et al. (2002) by the average proportion of the albacore catch taken in the South Pacific during 1996–2000, which was determined from logsheet data grouped by 5° longitude, 5° latitude and month.

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.

United States of America

Vessels, Albacore, Bigeye and Yellowfin in the WCPO, excluding American Samoa and Hawaii/California (Tables 21 and 64): All statistics were estimated from landings data, logsheet data and port sampling data held at SPC. Statistics for 1991–1992 cover vessels based in the Marshall Islands. Statistics for 1993 cover vessels which unloaded in the Federated States of Micronesia and the Marshall Islands. Statistics for 1994 cover vessels which unloaded in Fiji Islands and Guam. Statistics for 1995 cover vessels which unloaded in the Federated States of Micronesia, Fiji Islands and Guam. Statistics for 1996 cover vessels which unloaded in the Federated States of Micronesia, Fiji Islands, Guam and Palau. Statistics for 1997 cover vessels which unloaded in the Federated States of Micronesia. Statistics for 1998 cover vessels which fished in the waters of the Federated States of Micronesia, Fiji Islands and Papua New Guinea. Statistics for 1999–2000 cover vessels which fished in the Federated States of Micronesia.

LONGLINE continued

Vessels, Bigeye and Yellowfin in the WCPO (Tables 61, 66 and 73): These estimates cover vessels in Hawaii/California during 1950–2001, and the Federated States of Micronesia, Fiji Islands, Marshall Islands and Palau during 1991–2001. Estimates for Hawaii/California for 1950–1996 were provided by the National Marine Fisheries Service (Coan, pers. comm., May 1999, June 2001); data for 1950–1986 may contain some dressed weights. Estimates for Hawaii/California for 1997–2001 were taken from Ito et al. (2002). A small proportion of the catches by vessels based in Hawaii and California were taken in the Eastern Pacific Ocean. Estimates for the Federated States of Micronesia, Fiji Islands, Marshall Islands and Palau were determined from landings data, logsheet data and port sampling data held by SPC.

Vanuatu

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

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 1993–1998 and 2001 were provided by BRS (Ward, pers. comm., June 1996, June 1997, May 1998, April 1999; Findlay, pers. comm., June 2002); estimates for 1993–1996 and 1998 are based on logsheet data, while those for 1997 are based on landings.

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 27 and 32 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 and 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. All CPUE estimates were determined from logsheet data held at SPC.

POLE-AND-LINE continued

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 number of vessels and catch estimates for 1990–1999 were taken from Stein (2000). The number of vessels and catch estimates for 2000 were taken from Misselis (2001). The number of vessels and catch estimates for 2001 were provided by the Service des Ressources Marines (Stein, pers. comm., July 2002). The numbers of days fished for 1995–1997 were taken from Stein (1998), while the number of days fished for 1998–2001 were provided by the Service des Ressources Marines (Stein, pers. comm., May 1999, April 2000, April 2002; Misselis, pers. comm., July 2001). 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 1995–2001 were determined from the estimates of catches and days fished. All estimates for 1990–2001 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). The estimate for 1991 was determined by applying the proportion taken by pole-and-line in 1990 to the total catch of all gear types, which was provided by the Directorate General of Fisheries (Muranto, pers. comm., May 1993). Estimates for 1992–2000 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Naamin, pers. comm., August 1995; Retnowati, pers. comm., July 2002).

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. The estimate for 1991 was provided by the Directorate General of Fisheries (Muranto, pers. comm., May 1993). Estimates for 1992–2000 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Naamin, pers. comm., August 1995; Retnowati, pers. comm., July 2002). 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.

POLE-AND-LINE continued

Japan, coastal	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : Estimates of the numbers of vessels for 1953–1998 were taken from Miyabe et al. (2000); 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. Catch estimates were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1998, May 1999, June 2000).
Japan, distant-water/offshore	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : Estimates of vessel numbers for 1953–1999 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., June 2000). Estimates of skipjack catches for 1969–1971 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., June 2000). Catch estimates and days fished for 1972–1998 were taken from Miyabe et al. (2000); these estimates cover vessels over 20 GRT. Catch estimates and CPUE for 1999–2000 were determined from catch and effort data, grouped by 1° latitude, 1° longitude and month, provided by the Fisheries Agency of Japan. <u>Albacore in the South Pacific Ocean (Table 67)</u> : Estimates for 1972–1998 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., June 2000). Estimates for 1999–2000 were determined from catch and effort data, grouped by 1° latitude, 1° longitude and month, provided by the Fisheries Agency of Japan.
Kiribati	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : Anon. (1979) reported that the Kiribati Government took delivery of a 35-m skipjack pole-and-line vessel, <i>Nei Manganibuka</i> , 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	<u>Vessels, Skipjack and Yellowfin</u> : All estimates were determined from logsheet data held at SPC.
New Zealand	<u>Vessels, Skipjack and Yellowfin</u> : The numbers of vessels for 1990–2001 were provided by the National Institute of Water and Atmospheric Research (Murray, pers. comm., June 2002). Catch estimates for 1990–2001 were taken from Murray et al. (2002).

POLE-AND-LINE continued

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 1981–2000 were determined from logsheet data held at SPC. The number of vessels and catch estimates for 2001 were determined from information provided by the Fisheries Division (Maneirira, pers. comm., June 2002).
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 1997–2001 were taken from Ito et al. (2002).

PURSE SEINE

Australia, domestic	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : The skipjack catch estimate for the 1974/75 season was taken from Blackburn and Serventy (1981), quoted in Tuna Programme (1984). All estimates for 1978–2001 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); estimates for 1978–1996 and 1998–2000 were determined from logsheet data, while those for 1997 were determined from landings.
Australia, distant-water	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : Estimates for 1988 include two vessels which fished in Solomon Islands waters and one vessel which 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 37. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 20.
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.

PURSE SEINE continued

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 1993–2001 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 20.
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 1991–2000 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 1991–2000 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., July 2002). <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. The estimates for 1991 were provided by the Directorate General of Fisheries (Muranto, pers. comm., May 1993). Estimates for 1992–2000 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Naamin, pers. comm., August 1995; Retnowati, pers. comm., July 2002). 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).
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 20.
Japan, coastal	<u>Vessels, Bigeye, Skipjack and Yellowfin:</u> All estimates were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1998, May 1999, June 2000).
Japan, distant-water/offshore	<u>Vessels, Bigeye, Skipjack and Yellowfin:</u> All estimates for 1969–1999 were taken from Miyabe et al. (2000). Catch estimates and CPUE for 2000–2001 were determined from catch and effort data, grouped by 1° latitude, 1° longitude and month, provided by the Fisheries Agency of Japan. 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 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 20.

PURSE SEINE continued

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 1997–2001 were taken from Koh et al. (2002). CPUE estimates for 1994–2000 were determined from logsheet data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 20.
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 20.
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 20.
New Zealand	<u>Vessels</u> : The numbers of vessels for 1983–1988 were determined from logsheet data held at SPC. Estimates for 1989–2001 were provided by the National Institute of Water and Atmospheric Research (Murray, pers. comm., June 2002). <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. The skipjack catches do not include those of chartered American vessels in the New Zealand zone; these catches are included in Table 51.
Papua New Guinea	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : All estimates for 1994–2001 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 20.
Philippines, domestic	<u>Vessels</u> : All estimates were provided by the Bureau of Fisheries and Aquatic Sciences (Ganaden, pers. comm. to Coan, 1997). Ringnet vessels are included. <u>Bigeye, Skipjack and Yellowfin</u> : All estimates for 1970–1996 were taken from Lawson and Williams (1998). Estimates of the total catch of skipjack and combined yellowfin and bigeye for 1997 were provided by the Bureau of Agricultural Statistics (Lingbawan, pers. comm., May 1999); catches by species were estimated using the method in Lawson and Williams (1998) and the proportions by gear type for 1996.
Philippines, distant-water	<u>Vessels, Bigeye, Skipjack and Yellowfin</u> : Estimates for 1982, 1984 and 1988–1991 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. CPUE estimates for 1992–1998 were determined from logsheet data held at SPC. All estimates for 1999–2001 were determined from logsheet data held at SPC; the coverage rate is unknown. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 20.
Philippines, ringnet	See Philippines, domestic.

PURSE SEINE continued

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 20.
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 were determined from information provided by the Fisheries Division (Maneirira, pers. comm., June 2002). All estimates of bigeye and yellowfin catches were modified following the procedure described on page 20.
Spain	<u>Vessels, Bigeye, Skipjack and Yellowfin:</u> All estimates for 1999–2000 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).
Taiwan	<u>Vessels:</u> Estimates for 1983–1985, 1989–1990 and 1992–1996 were estimated 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). <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 and 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 1997–2001 were taken from Wang et al. (2002). 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 20; estimates for 1999–2001 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 and Prescott (1996). Estimates of bigeye and yellowfin catches for 1976–1987 were modified following the procedure described on page 20. 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 1997–2001 were taken from Ito et al. (2002). CPUE estimates for 1997–2001 were taken from Coan et al. (2002).
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 20.

TROLL

American Samoa	<u>Bigeye, Skipjack and Yellowfin</u> : Estimates for 1982–2001 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001; Skillman, pers. comm., June 2002).
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).
Canada	<u>Vessels, Albacore</u> : The number of vessels and catch estimates for 1988–1995 were provided by Fisheries and Oceans Canada (Shaw, pers. comm., July 2001); the estimates are the midpoints of a range, i.e. 2 to 5 vessels and 135 to 335 tonnes. The number of vessels for 1996–2001 were provided by Fisheries and Oceans Canada (Shaw, pers. comm., July 2002). Catch estimates for 1996–2001 were taken from Shaw and Stocker (2002). All estimates are for the November–May fishing season; the estimates were allocated to the year in which the season ended.
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 1980–2001 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001; Skillman, pers. comm., June 2002). These estimates cover the commercial fishery only and not the recreational fishery.
New Zealand	<u>Vessels</u> : All estimates were provided by the National Institute of Water and Atmospheric Research (Murray, pers. comm., June 2002). <u>Vessels, Albacore</u> : Catch estimates for 1967–1988 were taken from Murray (1990). Catch estimates for 1989 were taken from Murray and Griggs (2001). Catch estimates for 1990–2001 were taken from Murray et al. (2002). Estimates of CPUE were determined from logsheet data held at SPC.
Northern Marianas	<u>Skipjack and Yellowfin</u> : Estimates for 1983–2001 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001; Skillman, pers. comm., June 2002). 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 1995–1996 and bigeye estimates for 1996 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001). Estimates for 1997–2001 were taken from Ito et al. (2002). These estimates cover the commercial fishery only and not the recreational fishery.

TROLL continued

Albacore, seasonal catches (Table 56): 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 1986–1996 and the 1985/86–1995/96 seasons were provided by the National Marine Fisheries Service (Coan, pers. comm., June 2001). The numbers of vessels and catch estimates for 1997–2001 and the 1996/97–2000/01 seasons were taken from Ito et al. (2002). All CPUE estimates were provided by the United States National Marine Fisheries Service (Childers, pers. comm., May 1996; Coan, pers. comm., September 2001). The catch estimates do not cover discards.

Albacore, annual catches (Table 67): These statistics cover the South Pacific albacore troll fishery and not the troll and handline fisheries in American Samoa, Guam, Northern Marianas or Hawaii. All estimates were provided by the National Marine Fisheries Service (Coan, pers. comm., June 2001; Skillman, pers. comm., June 2002). 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., May 2000, July 2001). These estimates were compiled for the North Pacific Albacore Workshop.
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 SB31V02, January 2002, which was downloaded from the website of the International Commission for the Conservation of Atlantic Tunas (ICCAT).
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).
Eastern Pacific Ocean	All estimates were provided by the Inter-American Tropical Tuna Commission (Suter, pers. comm., July 2001). Estimates for Korean longliners for 1998–2000 and Canadian trollers for all years were not available.
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 1990–1999 were taken from Stein (2000). Estimates for 2000 were taken from Misselis (2001). Catch estimates for 2001 were provided by the Service des Ressources Marines (Stein, pers. comm., April 2002).
Indian Ocean	All estimates were taken from the nominal catch database in FISHSTAT-Plus format, which was downloaded from the website of the Indian Ocean Tuna Commission (IOTC) on 4 June 2002.
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.

OTHER continued

Yellowfin: 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). The estimate for 1991 was provided by the Directorate General of Fisheries (Muranto, pers. comm., May 1993). Estimates for 1992–2000 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Naamin, pers. comm., August 1995; Retnowati, pers. comm., July 2002). 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

Bigeye: 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.

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 1991–2000 were determined by subtracting estimates of catches by the other gear types from estimates of the total catch; estimates of the total catch for 1991–2000 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., July 2002).

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). All estimates for 1991 were provided by the Directorate General of Fisheries (Muranto, pers. comm., May 1993). Estimates for 1992–2000 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Naamin, pers. comm., August 1995; Retnowati, pers. comm., July 2002). 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: All estimates were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1998, May 1999, June 2000).

Kiribati, artisanal

Yellowfin: The estimate 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 for 1988 was used for 1980–1987 and 1989–2000, although catches have increased in recent years.

New Zealand, unclassified

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

OTHER continued

Philippines, gill net	<u>Bigeye, Skipjack and Yellowfin</u> : Estimates of skipjack and yellowfin catches for 1950–1969 were estimated 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 and Williams (1998). Estimates of the total catch of skipjack and combined yellowfin and bigeye for 1997 were provided by the Bureau of Agricultural Statistics (Lingbawan, pers. comm., May 1999); catches by species were estimated using the method in Lawson and Williams (1998) and the proportions by gear type for 1996.
Philippines, handline	See Philippines, gill net.
Philippines, unclassified	See Philippines, gill net.
Taiwan, unclassified	<u>Bigeye, Skipjack and Yellowfin</u> : 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 70 and 77 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		
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, Federated States of Micronesia, Indonesia, Kiribati, Korea, Papua New Guinea, Philippines, Solomon Islands, Taiwan, United States of America, and Vanuatu. The P_{sfy} for yellowfin are equal to one minus the P_{sfy} for bigeye.

YEAR	AU	FM	ID	KI	KR	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			
1994		0.069		0.115	0.046	0.055	0.116	0.116			0.060
1995		0.078		0.063	0.061	0.052	0.165	0.165			0.111
1996		0.123		0.096	0.047	0.045	0.088	0.076	0.045		0.107
1997		0.087		0.055	0.059	0.132	0.088	0.087	0.057		0.086
1998		0.064		0.046	0.028	0.112	0.084		0.021		0.052
1999		0.103		0.100	0.046	0.116	0.088		0.079		0.088
2000		0.056		0.050	0.025	0.088	0.086		0.000		0.055
2001		0.074		0.085	0.014	0.083	0.082		0.000		0.000

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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	4.50
1997	21	...	309	3.02	80	4	0.04	1	22	0.22	6	52	387	3.76
1998	25	...	446	2.80	76	10	0.05	2	42	0.19	7	92	590	3.72
1999	28	...	338	1.79	65	9	0.06	2	64	0.50	12	106	517	3.37
2000	37	...	624	...	76	21	...	3	86	...	11	88	819	...
2001	67	...	3,253	...	88	74	...	2	183	...	5	179	3,689	...

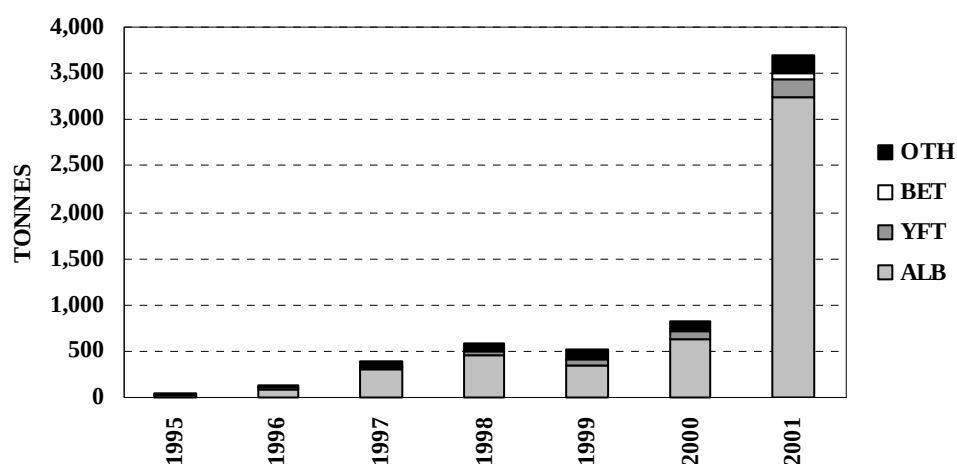


Figure 3. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by American Samoan longliners

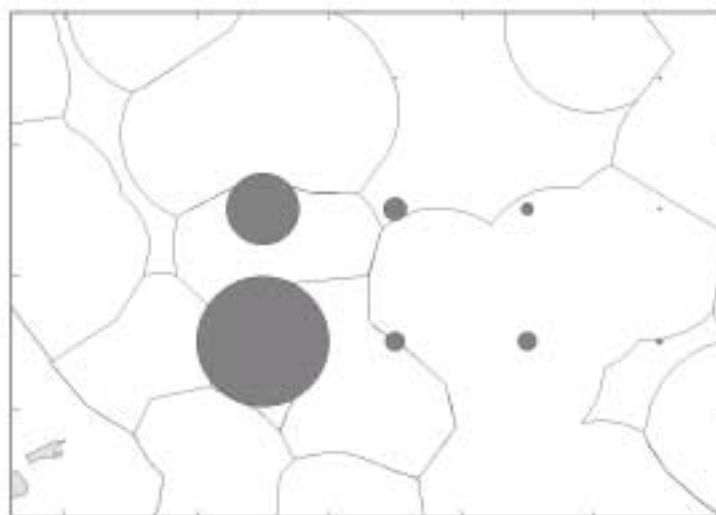


Figure 4. American Samoan longliner catch, 1999

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	26	26	35	1.98
1986	32	61	0	0.14	0	1	0.04	2	13	0.46	29	31	45	1.48
1987	133	1,588	129	0.71	5	64	0.06	2	1,164	2.44	43	1,340	2,697	4.79
1988	134	1,514	107	0.64	8	43	0.05	3	922	2.14	73	198	1,270	4.07
1989	124	1,008	93	1.02	9	19	0.03	2	833	2.49	82	75	1,020	2.68
1990	117	1,274	124	0.79	11	24	0.03	2	786	2.42	72	156	1,090	2.68
1991	111	1,822	158	0.93	14	27	0.03	2	807	1.87	70	156	1,148	1.62
1992	124	2,393	214	0.90	15	34	0.04	2	1,017	1.81	71	172	1,437	0.98
1993	109	2,065	186	0.92	17	25	0.04	2	781	1.67	71	112	1,104	0.92
1994	110	3,274	357	1.09	19	123	0.12	6	1,221	1.27	64	212	1,913	1.10
1995	109	3,898	438	0.97	20	172	0.14	8	1,313	1.32	59	320	2,243	1.95
1996	119	4,220	408	1.04	12	293	0.24	9	1,660	1.93	49	1,008	3,369	4.14
1997	137	5,606	302	0.55	6	983	0.47	19	1,680	0.94	33	2,168	5,133	3.07
1998	156	8,776	460	0.49	7	1,166	0.33	17	2,152	0.72	31	3,139	6,917	2.60
1999	145	9,661	359	0.35	6	895	0.22	15	1,839	0.47	30	3,049	6,142	2.01
2000	140	9,355	381	0.36	7	753	0.22	13	1,740	0.56	31	2,799	5,673	2.09
2001	197	10,711	570	0.48	8	1,188	0.31	17	2,557	0.63	37	2,684	6,999	2.61

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

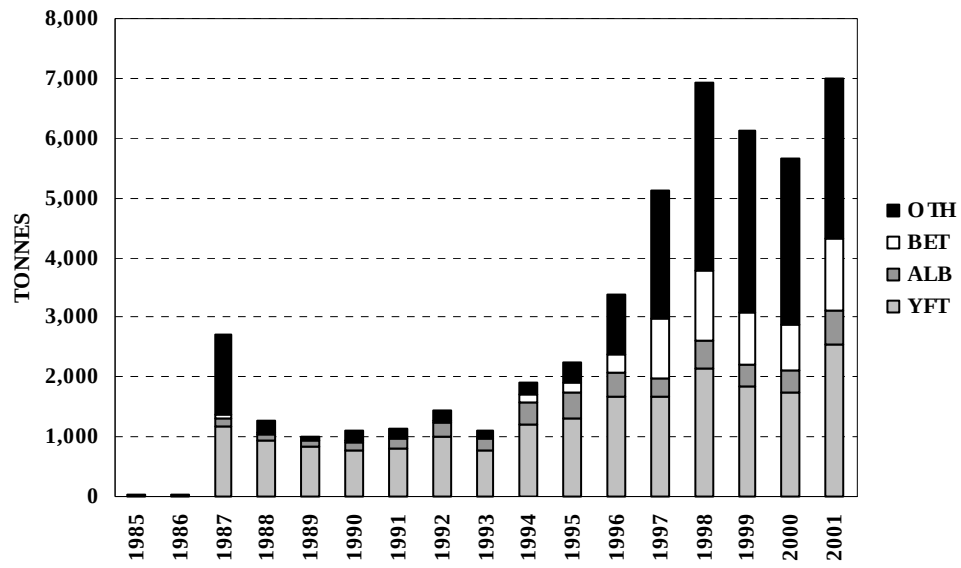


Figure 5. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Australian domestic and chartered longliners

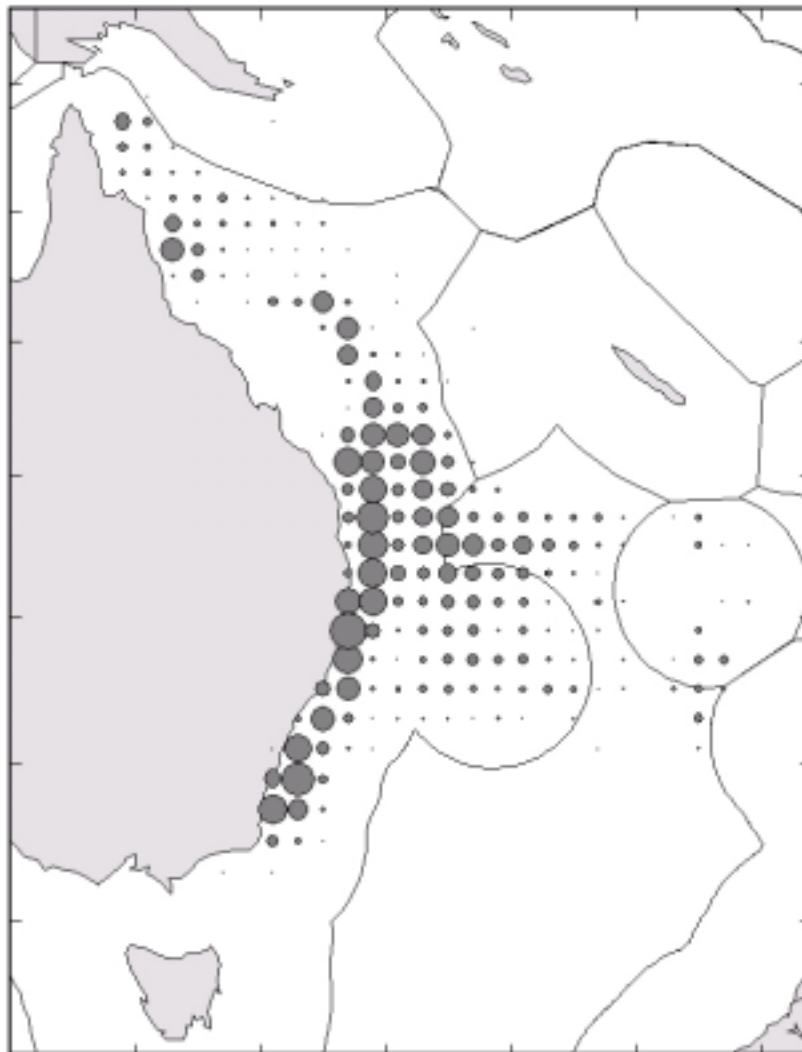


Figure 6. Australian longliner catch, 2001

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	0.01	42	1,805	0.31	22	2,237	0.20	27	818	8,333	0.56
2000	106	24,707	2,056	0.00	28	1,981	0.29	27	2,207	0.22	30	1,047	7,291	0.56
2001	117	26,103	2,711	0.00	35	2,227	0.36	29	1,919	0.29	25	825	7,682	0.70

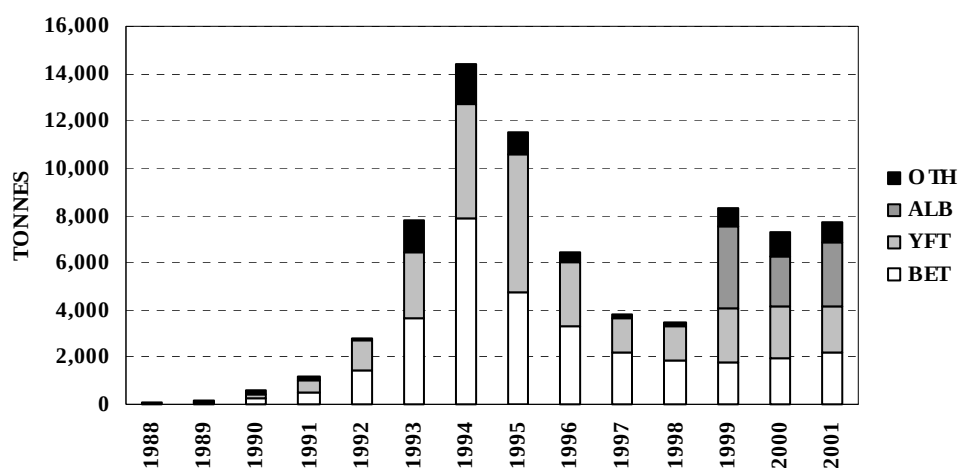


Figure 7. Catches (tonnes) of albacore (ALB) , bigeye (BET), yellowfin (YFT) and other species (OTH) by Chinese longliners

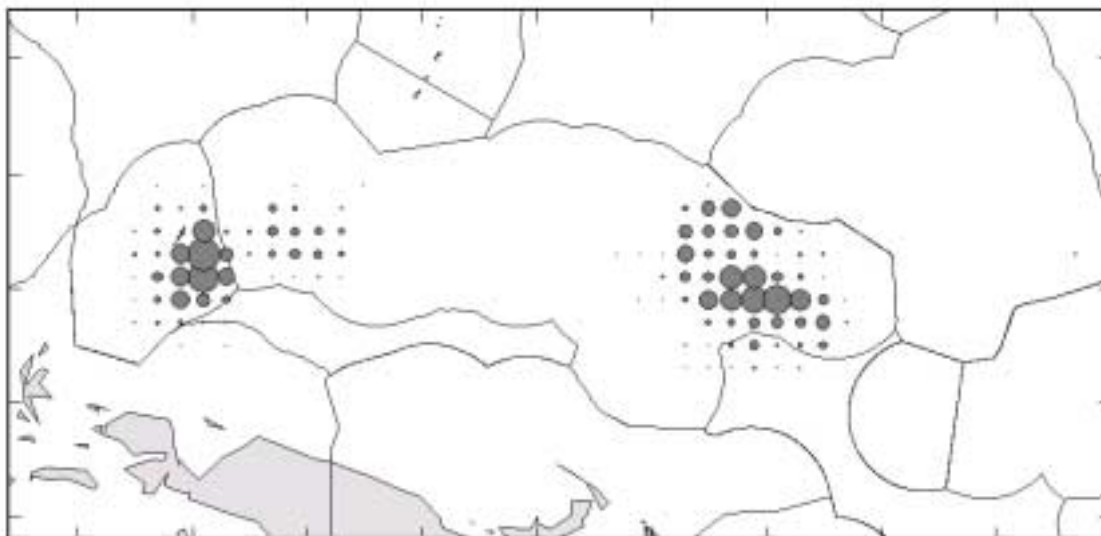


Figure 8. Chinese longliner catch, 2001

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	215	21	0.75	22	8	0.13	8	12	0.16	12	46	97	2.09
1995	2	...	32	0.36	21	16	0.10	11	23	0.11	15	79	150	1.24
1996	3	...	14	0.21	56	4	0.09	16	7	0.21	28	...	25	1.09
1997	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1998	1	...	...	...	...	...	...	...	...	...	...	...	...	...
1999	2	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2001	...	...	...	...	...	...	...	...	...	...	...	...	...	...

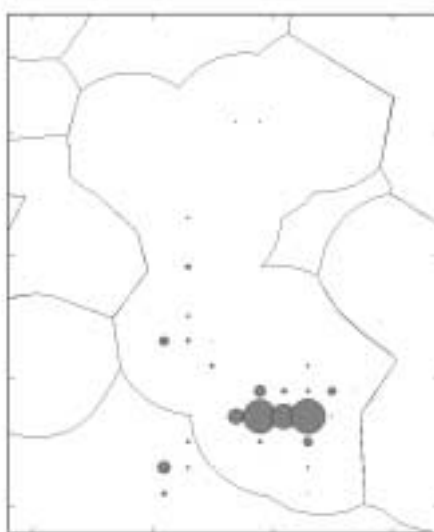


Figure 9. Cook Islands longliner catch, 1995

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	0.16	48	11	1.39	44	2	25	1.96
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	0.82
1994	9	...	0	0.00	0	72	0.19	33	114	0.48	53	31	217	0.81
1995	11	...	0	0.00	0	50	0.19	21	153	0.94	65	31	234	1.36
1996	9	...	0	0.00	0	79	0.30	29	152	1.02	56	42	273	2.05
1997	15	...	1	0.00	0	185	0.29	37	267	0.62	54	44	497	1.72
1998	23	...	0	0.00	0	521	0.34	46	530	0.47	47	88	1,139	1.79
1999	27	...	2	0.00	0	649	0.36	70	236	0.19	25	42	929	0.71
2000	26	...	3	0.00	0	727	0.33	62	390	0.24	33	61	1,181	0.63
2001	23	...	4	0.01	1	478	0.39	62	253	0.27	33	39	774	0.72

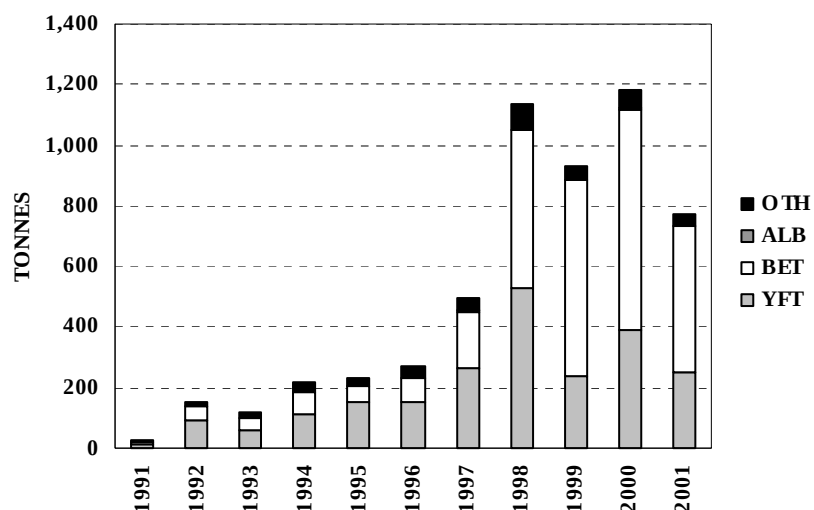


Figure 10. Catches (tonnes) of bigeye (BET), yellowfin (YFT) and other species (OTH) by Federated States of Micronesia longliners



Figure 11. Federated States of Micronesia longliner catch, 2001

LONGLINE: 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	1.71
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	0.29	23	252	884	1.74
1993	22	...	463	0.87	36	204	0.21	16	319	0.31	25	296	1,282	1.96
1994	37	...	842	0.90	35	249	0.19	10	625	0.36	26	707	2,423	2.06
1995	48	...	702	1.03	23	378	0.19	12	949	0.36	31	1,040	3,069	2.14
1996	42	...	1,446	1.91	32	593	0.21	13	1,376	0.29	31	1,060	4,475	2.83
1997	34	...	1,842	1.53	43	409	0.15	10	970	0.34	23	1,027	4,248	2.66
1998	39	...	2,121	1.91	44	460	0.16	10	862	0.29	18	1,329	4,772	3.06
1999	43	...	2,279	1.59	45	462	0.12	9	725	0.15	14	1,559	5,025	2.45
2000	55	...	6,065	1.84	53	687	0.14	6	2,465	0.51	22	2,224	11,441	2.93
2001	101	...	7,971	1.66	65	662	0.10	5	2,082	0.27	17	1,504	12,219	2.44

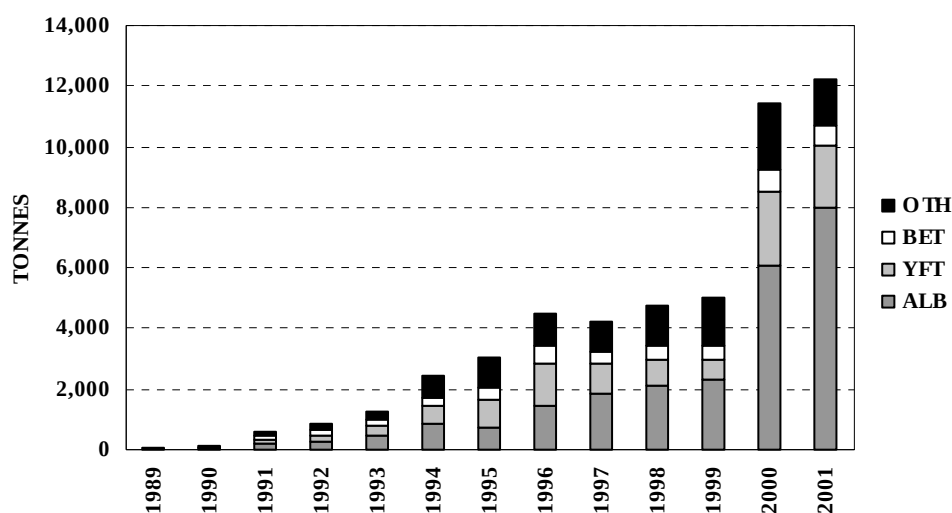


Figure 12. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Fiji Islands longliners

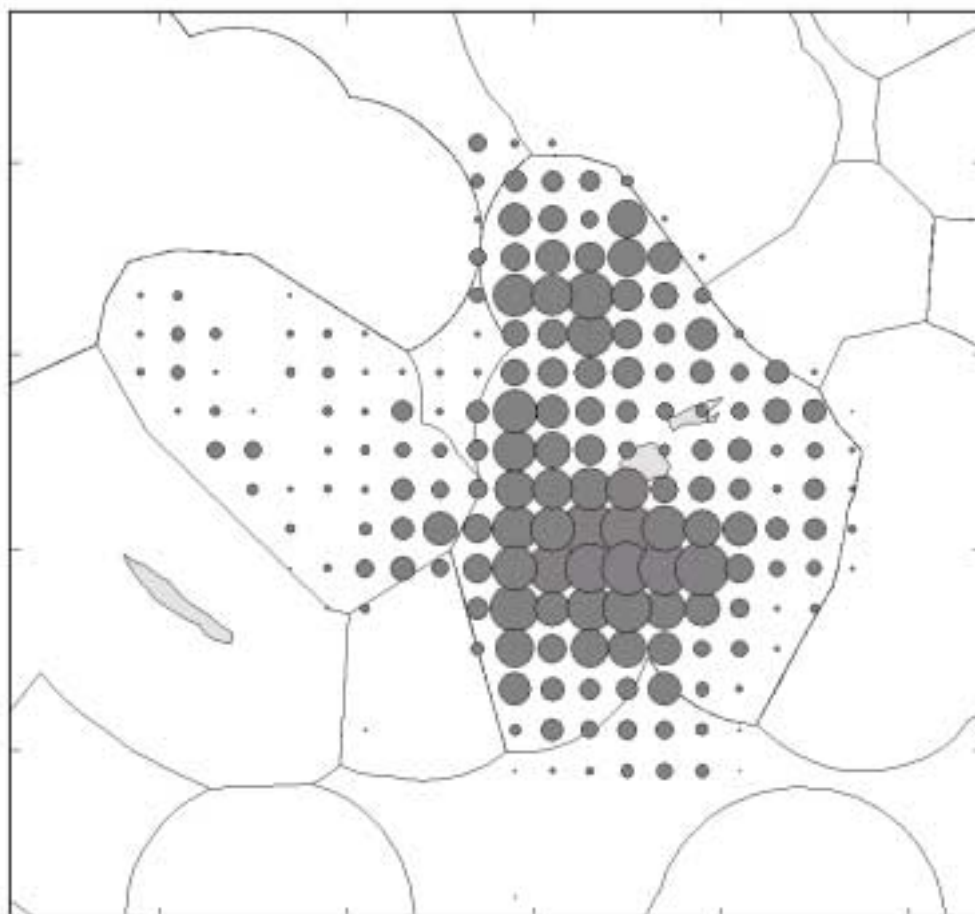


Figure 13. Fiji Islands longliner catch, 2001

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

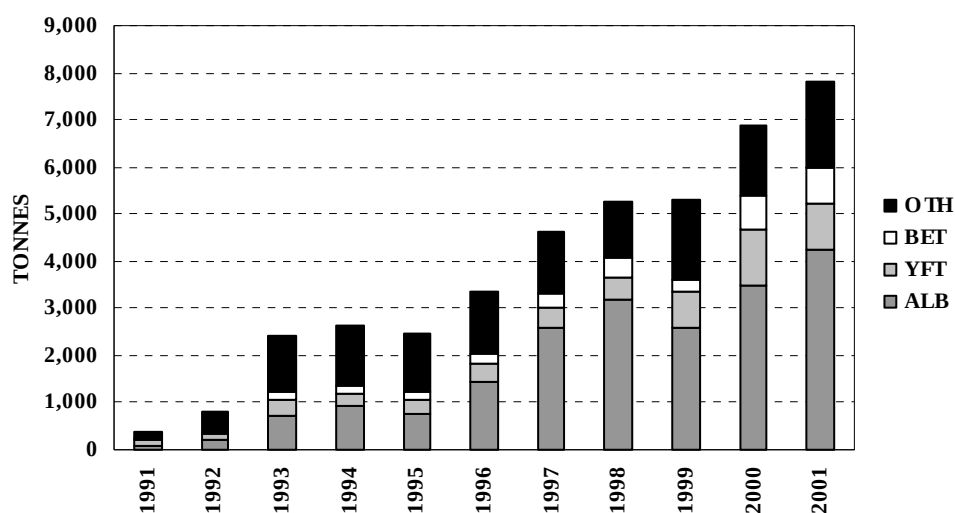


Figure 14. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by French Polynesian longliners

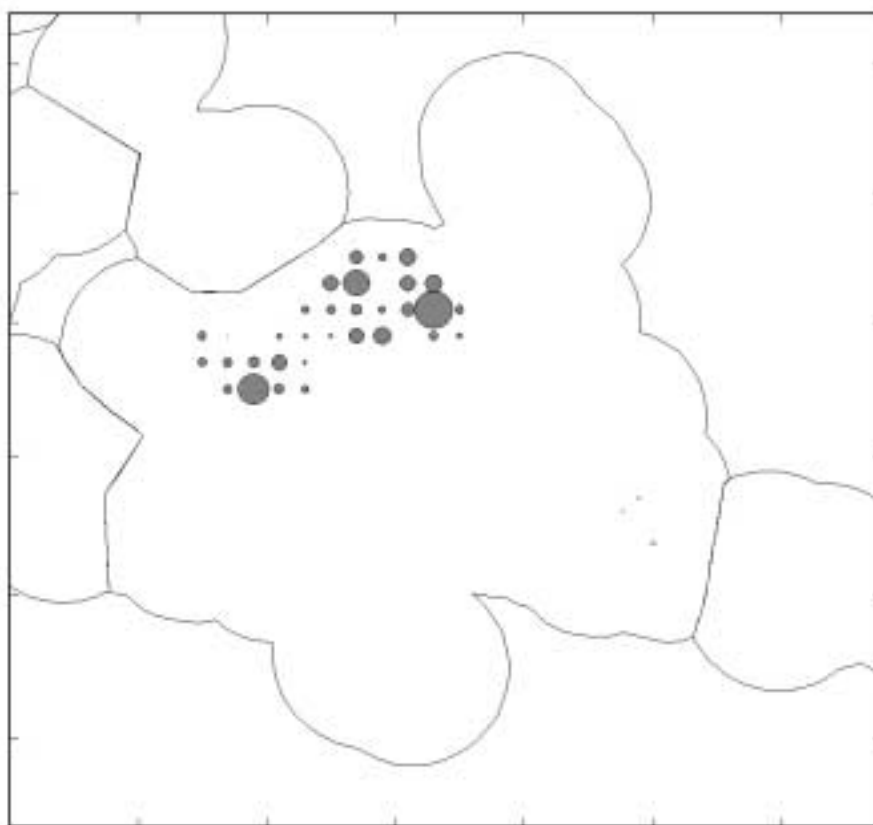


Figure 15. French Polynesian longliner catch, 2001

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	...	...	...	...	...	...	...	...	22,799	...	...	...	...	...	...
1953	...	...	...	...	...	...	...	...	33,288	...	...	...	...	...	...
1954	...	...	...	...	...	...	...	...	34,429	...	...	...	...	...	...
1955	...	...	...	...	...	...	...	...	28,283	...	...	...	...	...	...
1956	...	...	...	...	...	...	...	...	21,139	...	...	...	...	...	...
1957	...	...	...	...	...	...	...	...	51,964	...	...	...	...	...	...
1958	...	...	...	...	...	...	...	...	52,982	...	...	...	...	...	...
1959	...	...	...	...	...	...	...	...	50,976	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	61,063	...	...	...	...	...	...
1961	...	...	...	...	...	...	...	...	68,182	...	...	...	...	...	...
1962	...	244,904	36,637	1.15	20	34,042	0.45	18	53,211	0.86	29	62,734	186,624	2.90	...
1963	...	244,565	24,902	0.78	14	40,359	0.53	22	51,005	0.82	28	66,318	182,584	2.61	...
1964	...	196,249	23,558	0.92	16	28,660	0.47	19	42,043	0.85	28	53,311	147,572	2.69	...
1965	...	217,088	22,469	0.79	16	26,679	0.40	18	41,031	0.75	28	54,310	144,489	2.37	...
1966	...	238,405	35,701	1.15	21	27,682	0.37	16	52,985	0.88	31	52,423	168,791	2.78	...
1967	...	239,381	33,386	1.07	25	27,776	0.37	21	28,595	0.47	21	45,334	135,091	2.24	...
1968	...	214,045	23,371	0.83	20	21,374	0.32	18	29,812	0.55	25	43,393	117,950	2.05	...
1969	...	213,807	16,874	0.60	15	26,383	0.40	24	31,538	0.58	28	37,112	111,907	1.89	...
1970	...	206,000	18,431	0.54	15	28,959	0.36	23	34,908	0.60	28	41,253	123,551	1.89	...
1971	...	216,000	13,030	0.39	12	30,126	0.36	28	29,974	0.54	28	35,638	108,768	1.63	...
1972	...	207,000	12,101	0.37	10	39,658	0.50	34	29,677	0.56	26	34,566	116,002	1.78	...
1973	...	189,000	13,161	0.44	13	28,231	0.41	28	30,906	0.68	31	28,683	100,981	1.84	...
1974	...	210,000	11,467	0.32	11	32,132	0.40	30	33,899	0.59	32	28,642	106,140	1.57	...
1975	...	183,000	7,622	0.24	9	32,148	0.44	36	28,921	0.61	33	20,250	88,941	1.51	...
1976	...	220,000	12,738	0.36	12	38,786	0.43	36	32,521	0.57	30	24,818	108,863	1.59	...
1977	...	199,000	10,782	0.33	9	41,843	0.52	36	43,950	0.80	38	19,346	115,921	1.85	...
1978	...	205,000	9,636	0.29	8	35,456	0.44	28	62,622	1.14	49	20,437	128,151	2.07	...
1979	...	240,000	10,799	0.29	9	37,173	0.41	30	50,879	0.76	41	24,838	123,689	1.66	...
1980	...	259,000	11,821	0.28	8	35,599	0.37	25	63,289	0.92	44	33,376	144,085	1.79	...
1981	...	273,000	17,025	0.39	13	28,390	0.28	21	53,594	0.72	40	35,595	134,604	1.59	...
1982	...	243,000	16,273	0.42	13	32,714	0.36	26	46,205	0.67	37	28,926	124,118	1.61	...
1983	...	214,000	13,335	0.41	12	28,998	0.39	25	47,526	0.77	41	26,057	115,916	1.73	...
1984	...	216,000	11,216	0.33	11	31,508	0.41	30	36,669	0.58	35	26,212	105,605	1.50	...
1985	...	223,000	11,688	0.35	10	33,348	0.43	29	38,278	0.60	34	30,140	113,454	1.57	...
1986	...	196,000	10,493	0.35	10	29,825	0.39	29	29,968	0.51	30	30,994	101,280	1.46	...
1987	...	202,000	10,516	0.33	10	38,429	0.48	37	28,045	0.46	27	27,561	104,551	1.45	...
1988	...	222,000	12,166	0.37	11	29,331	0.36	27	33,021	0.50	31	33,444	107,962	1.42	...
1989	...	200,000	11,273	0.38	12	32,189	0.42	34	25,639	0.43	27	26,393	95,494	1.40	...
1990	...	192,000	12,045	0.44	12	37,117	0.49	38	26,862	0.47	28	20,869	96,893	1.56	...
1991	...	170,000	10,985	0.41	14	25,507	0.40	33	19,221	0.37	25	22,387	78,100	1.35	...
1992	...	154,000	12,494	0.53	14	30,852	0.47	34	24,067	0.46	27	22,125	89,538	1.63	...
1993	...	164,000	17,376	0.72	19	25,795	0.38	28	24,052	0.46	26	24,140	91,363	1.77	...
1994	...	158,000	17,239	0.73	20	23,090	0.40	27	24,451	0.47	28	21,625	86,405	1.80	...
1995	...	141,000	15,522	0.72	20	19,747	0.36	25	25,189	0.62	32	17,779	78,237	1.88	...
1996	...	127,000	15,794	0.81	24	16,565	0.37	25	20,422	0.63	31	13,710	66,491	1.97	...
1997	...	121,000	16,495	0.90	24	21,471	0.50	31	17,370	0.49	25	14,218	69,554	2.04	...
1998	...	111,000	13,892	0.83	24	20,259	0.51	35	11,747	0.37	21	11,221	57,119	1.89	...
1999	...	106,133	15,884	0.62	31	17,773	0.39	35	7,765	0.25	15	9,091	50,513	1.42	...
2000	...	118,493	15,131	0.55	28	16,690	0.34	31	12,499	0.35	23	9,399	53,719	1.39	...
2001	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

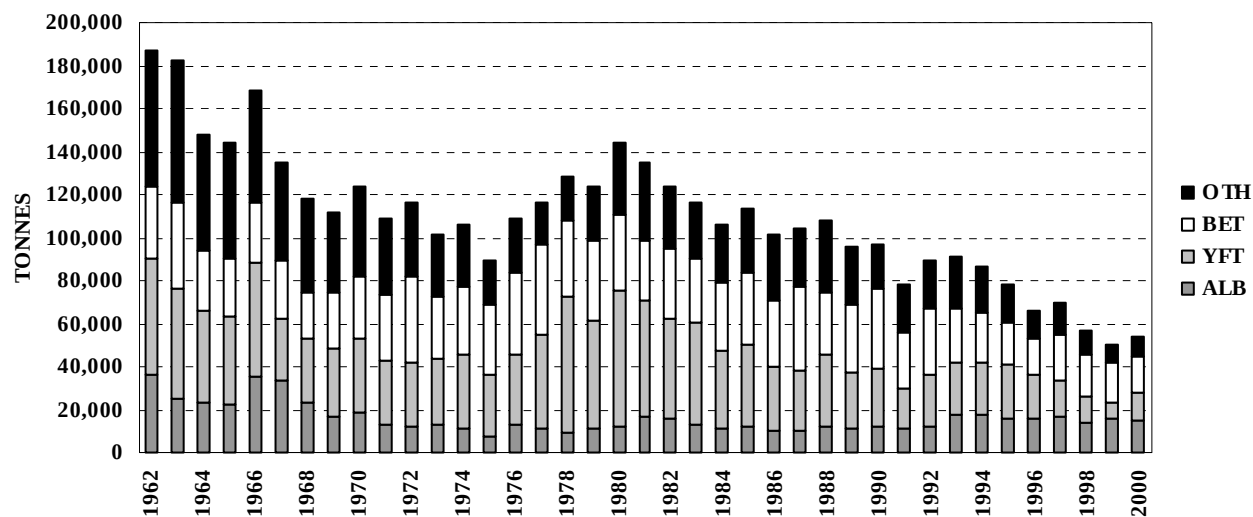


Figure 16. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Japanese distant-water and offshore longliners in the WCPO

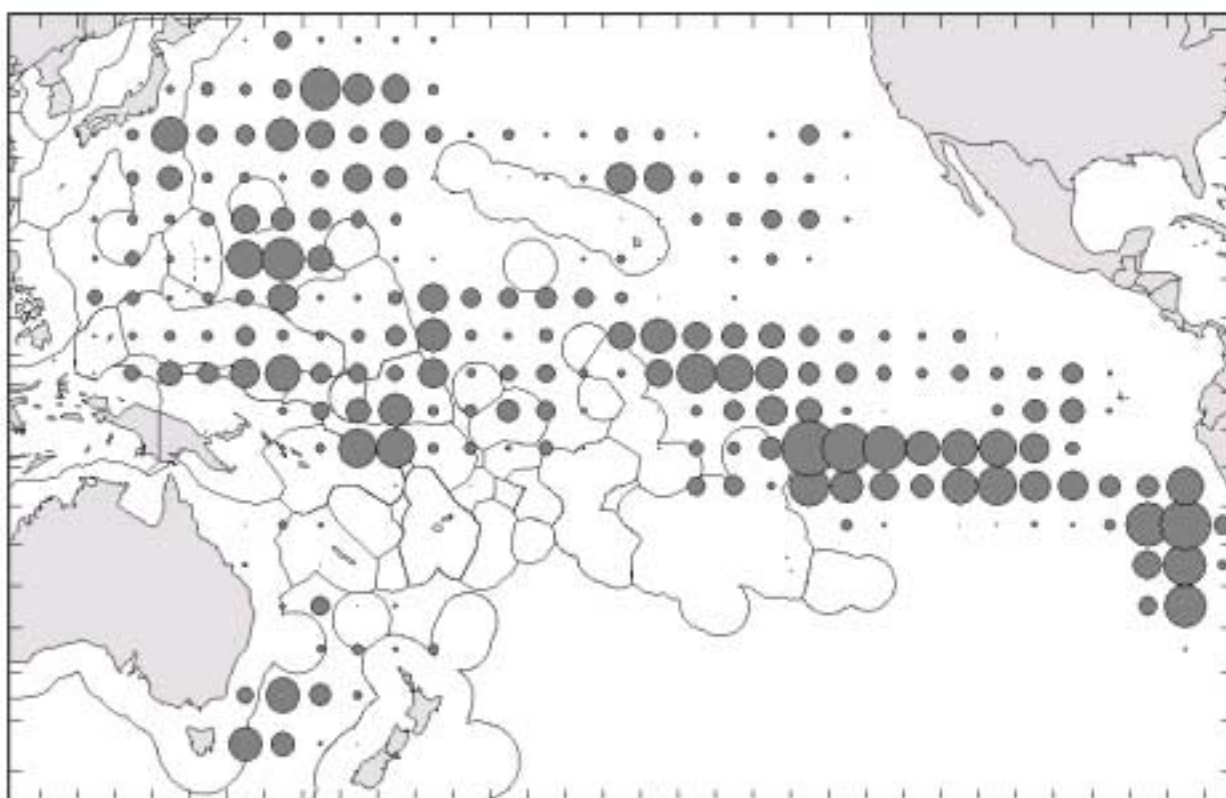


Figure 17. Japanese distant-water and offshore longliner catch, 2000

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

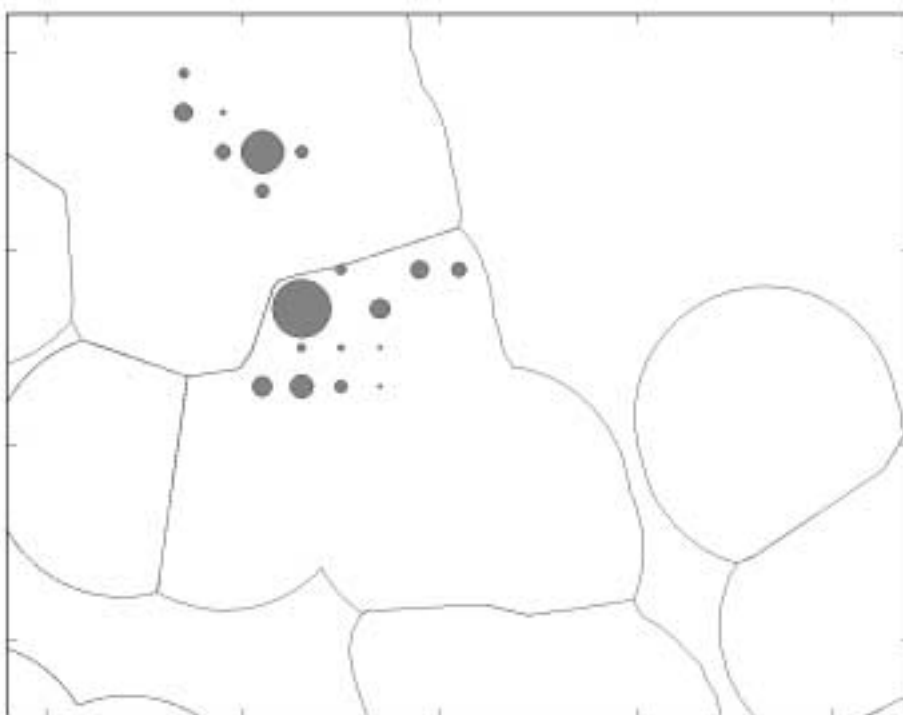


Figure 18. Kiribati longliner catch, 1995

LONGLINE: KOREA

Table 11. 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	1,672	23,764	2.37
1998	169	...	4,843	0.46	12	20,910	0.86	53	9,631	0.48	25	3,729	39,113	1.92
1999	171	...	874	0.09	3	16,967	0.54	61	6,452	0.30	23	3,567	27,860	1.02
2000	176	...	612	0.05	2	15,956	0.55	56	9,319	0.50	32	2,788	28,675	1.19
2001	...	...	1,909	0.20	7	13,869	0.60	49	9,475	0.52	33	3,233	28,486	1.44

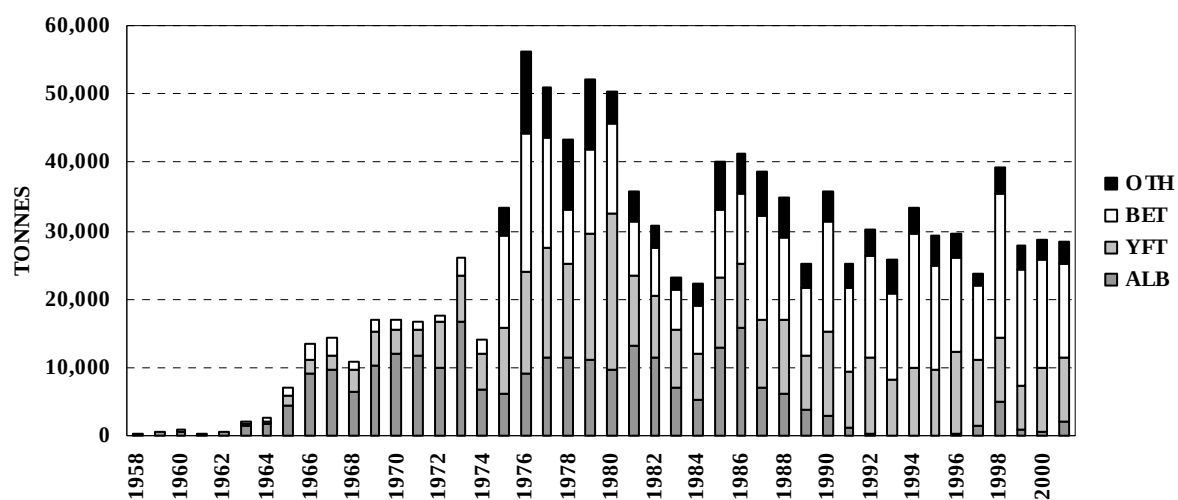


Figure 19. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Korean distant-water longliners in the WCPO

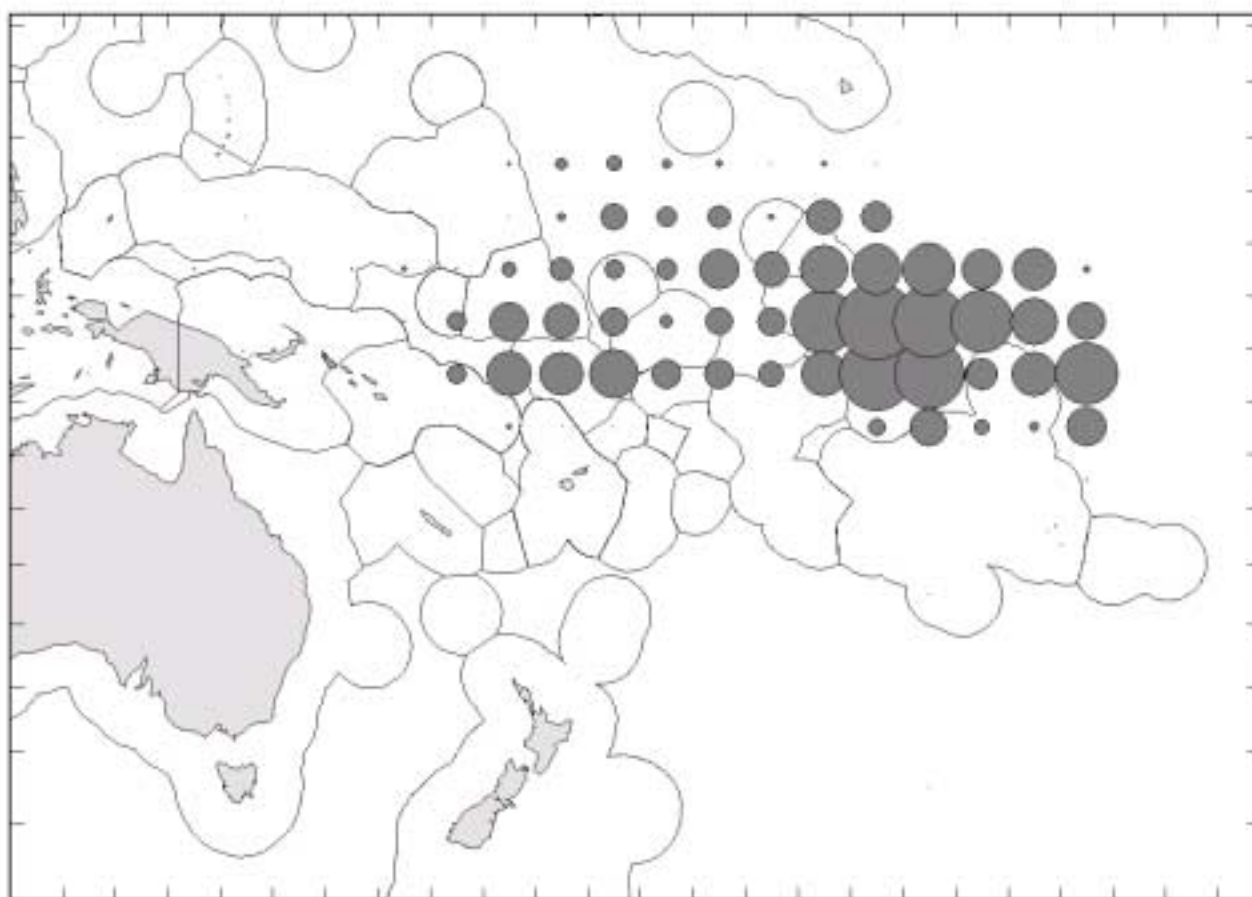


Figure 20. Korean distant-water longliner catch, 2001

LONGLINE: MARSHALL ISLANDS

Table 12. 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	...	...	...	...	...	...	...	...	...	...	...	...	...	...

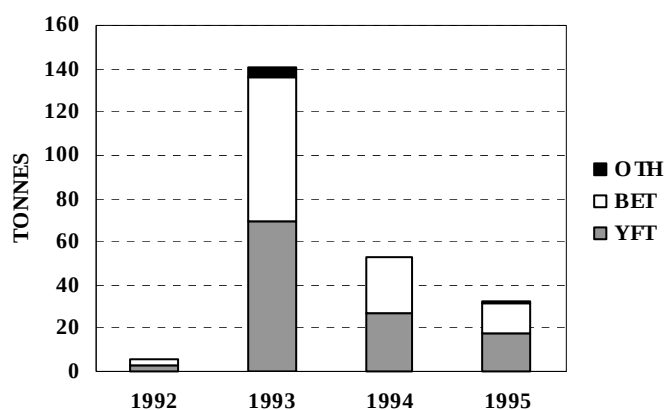


Figure 21. Catches (tonnes) of bigeye (BET), yellowfin (YFT) and other species (OTH) by Marshall Islands longliners

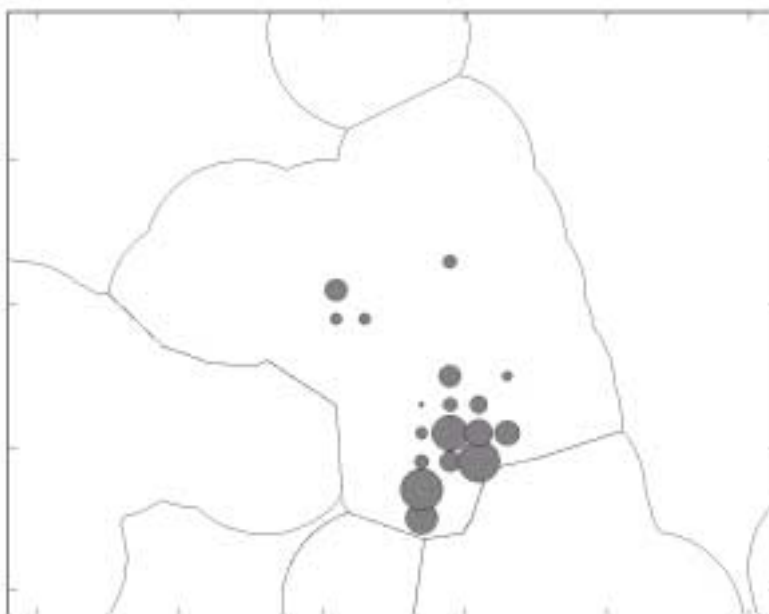


Figure 22. Marshall Islands longliner catch, 1995

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	0.02	2	9	0.27	15	38	60	1.97
1984	2	130	112	1.90	57	10	0.08	5	28	0.30	14	45	195	2.77
1985	3	279	131	1.12	33	17	0.06	4	133	0.77	33	121	402	3.58
1986	2	266	179	1.38	33	19	0.07	3	169	0.61	31	182	549	2.70
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	2.85
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	0.64	28	232	1,324	2.81
1993	4	...	755	2.75	54	106	0.04	8	433	0.71	31	101	1,395	3.81
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	3.18
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	3.82
1998	11	...	860	1.49	47	498	0.12	27	185	0.30	10	278	1,821	2.43
1999	13	...	690	1.17	37	553	0.06	30	373	0.24	20	227	1,843	1.75
2000	14	...	895	1.11	45	517	0.09	26	250	0.28	13	325	1,987	1.80
2001	18	...	1,020	1.08	49	128	0.08	6	570	0.36	28	346	2,064	1.92

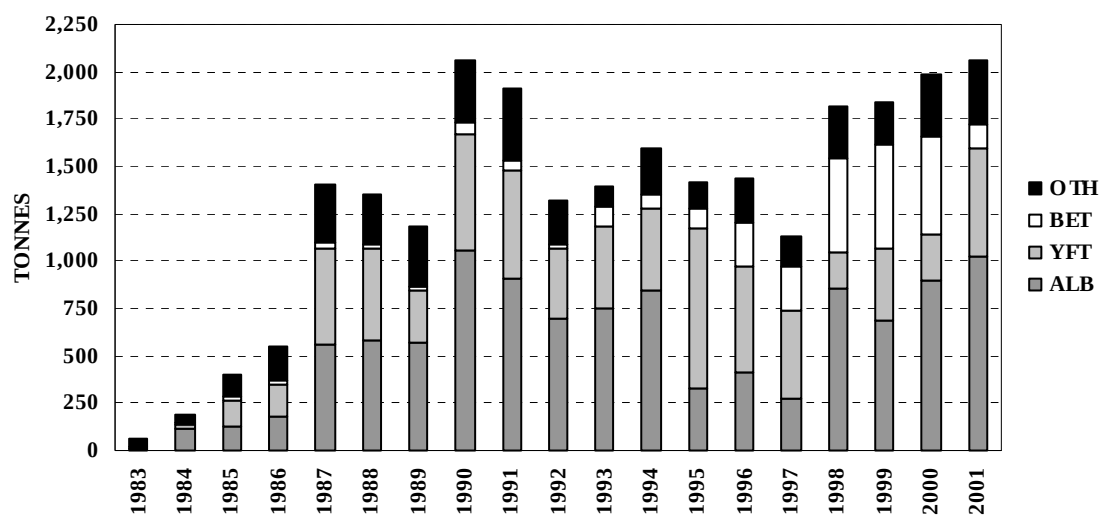


Figure 23. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by New Caledonian longliners

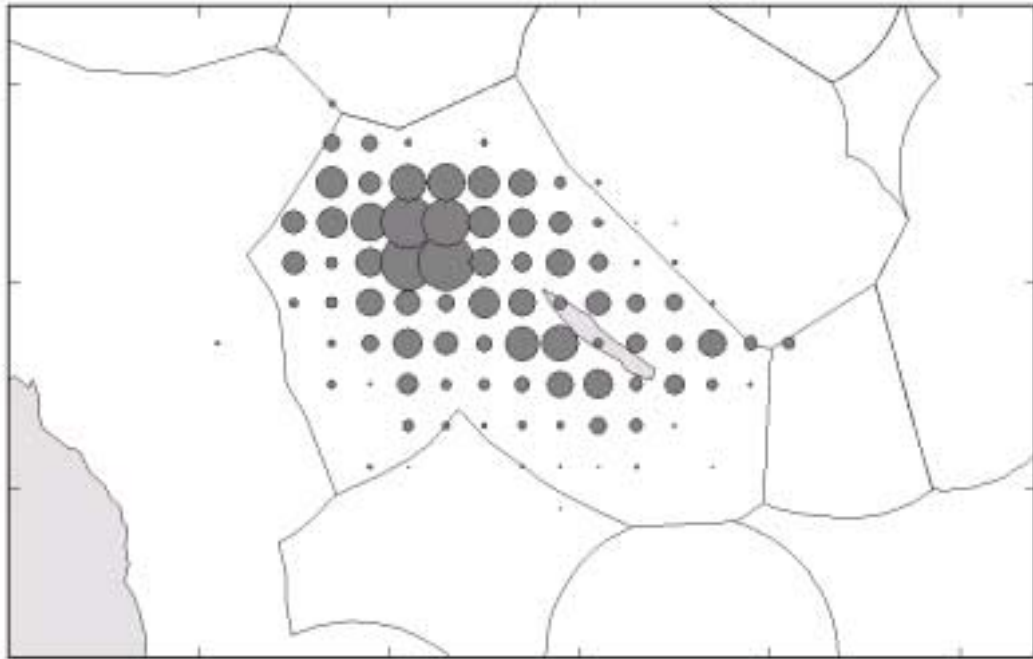


Figure 24. New Caledonian longliner catch, 2001

LOGLINE: 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	...

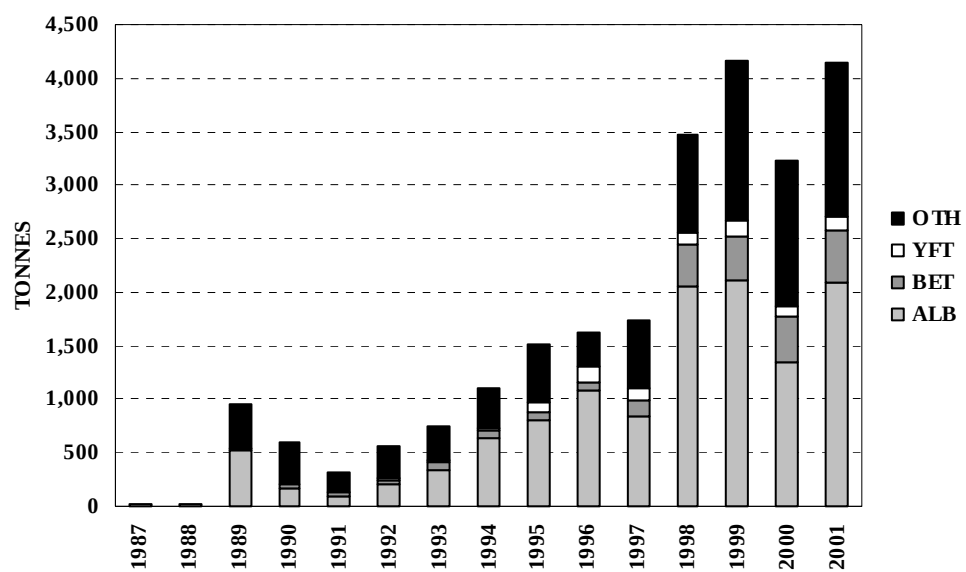


Figure 25. Catches (tonnes) of albacore (ALB), bigeye (BET) and yellowfin (YFT) by New Zealand longliners

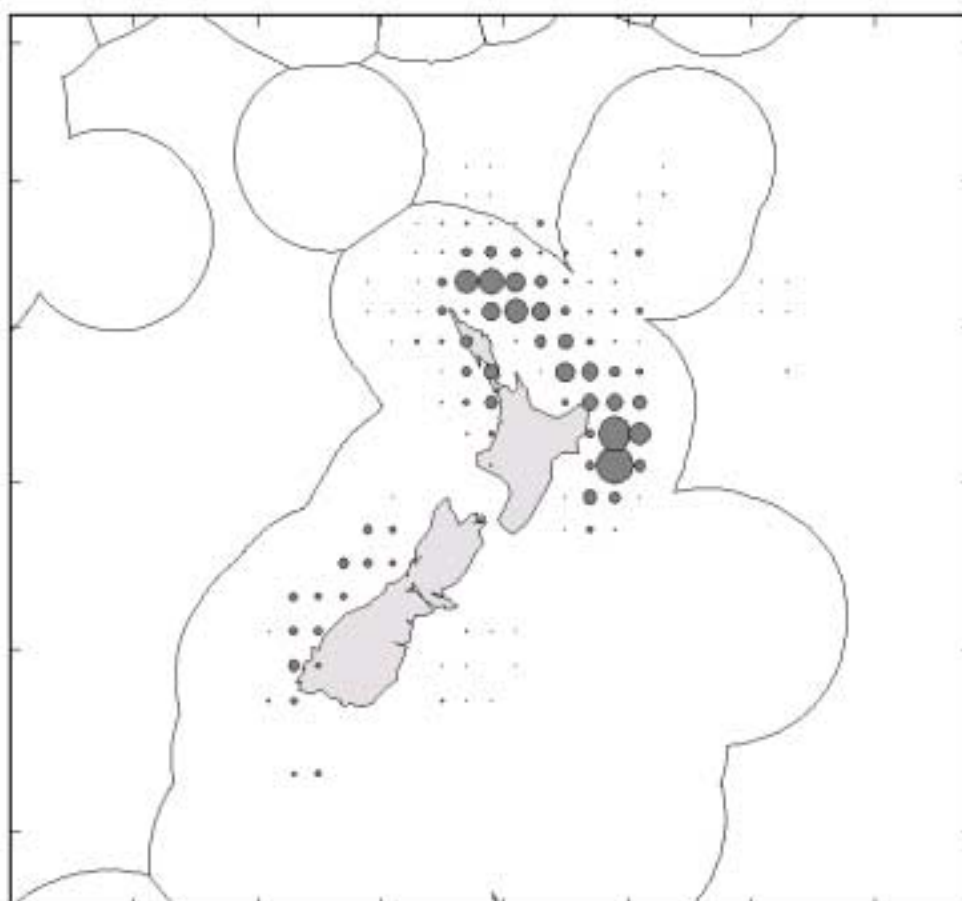


Figure 26. New Zealand longliner catch, 2000

LONGLINE: PAPUA NEW GUINEA

Table 15. 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	8	...	40	0.39	11	17	0.10	5	283	1.57	79	17	357	2.24
1999	11	...	85	0.53	20	30	0.13	7	225	0.85	52	94	434	1.63
2000	25	...	102	0.35	10	140	0.22	13	610	0.84	58	204	1,056	1.83
2001	38	...	49	0.11	1	237	0.20	6	1,826	0.98	47	1,765	3,877	1.50

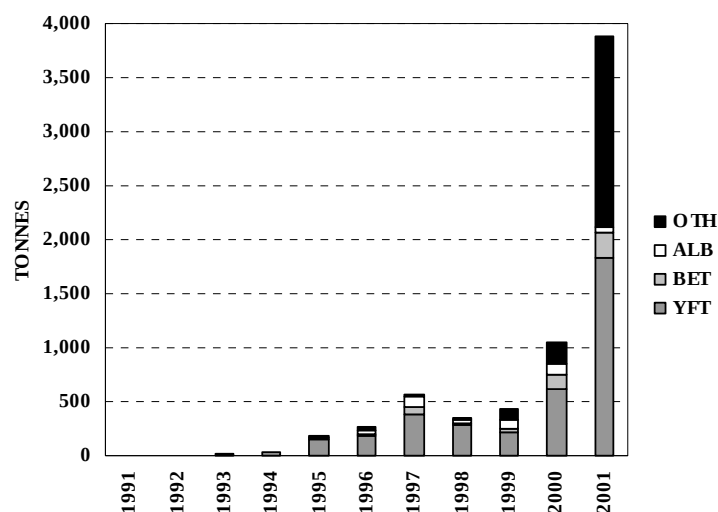


Figure 27. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Papua New Guinea longliners

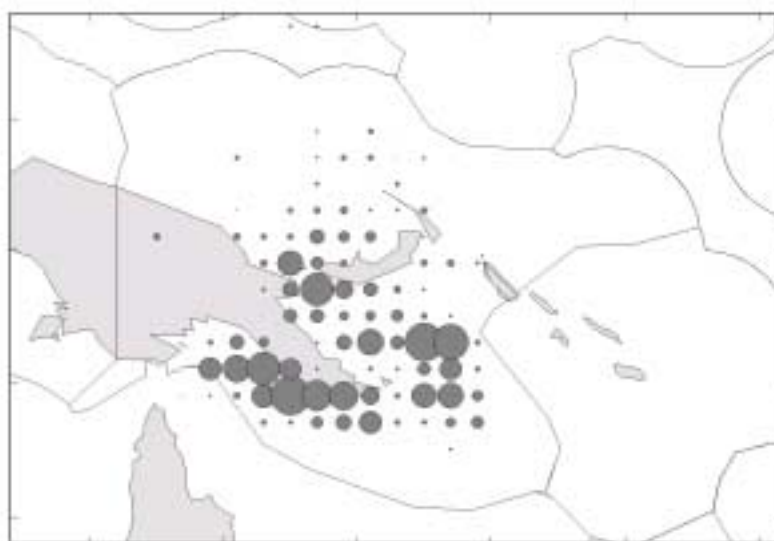


Figure 28. Papua New Guinea longliner catch, 2001

LONGLINE: SAMOA

Table 16. 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	2.30	71	334	0.09	5	801	0.21	12	801	6,678	2.62
1999	175	...	4,027	2.30	71	283	0.09	5	681	0.21	12	681	5,672	2.60
2000	154	...	4,067	3.51	69	177	0.08	3	1,120	0.53	19	530	5,894	4.12
2001	148	...	4,820	3.40	78	185	0.12	3	470	0.23	8	705	6,180	4.35

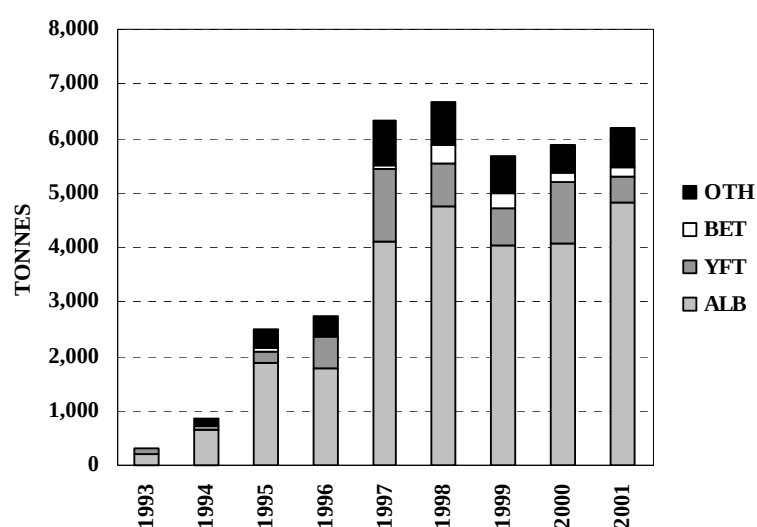
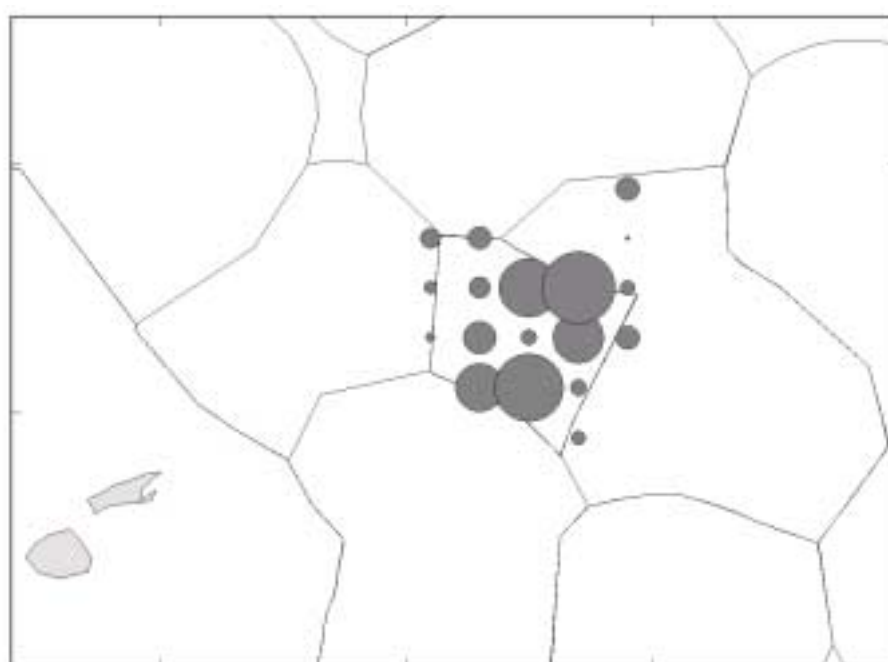

Figure 29. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Samoan longliners

Figure 30. Samoan longliner catch, 2001

Table 17. 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	0.48	44	74	1,212	0.90
2000	14	...	224	0.33	19	364	0.53	30	557	0.75	47	51	1,196	1.64
2001	8	...	54	0.23	13	186	0.58	46	159	0.61	39	9	408	1.45

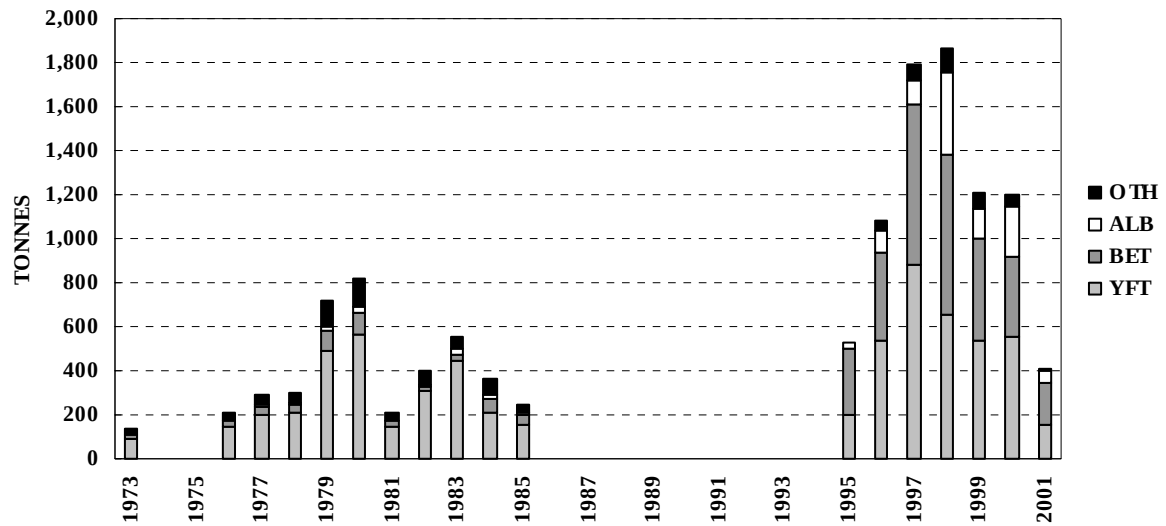


Figure 31. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Solomon Islands longliners

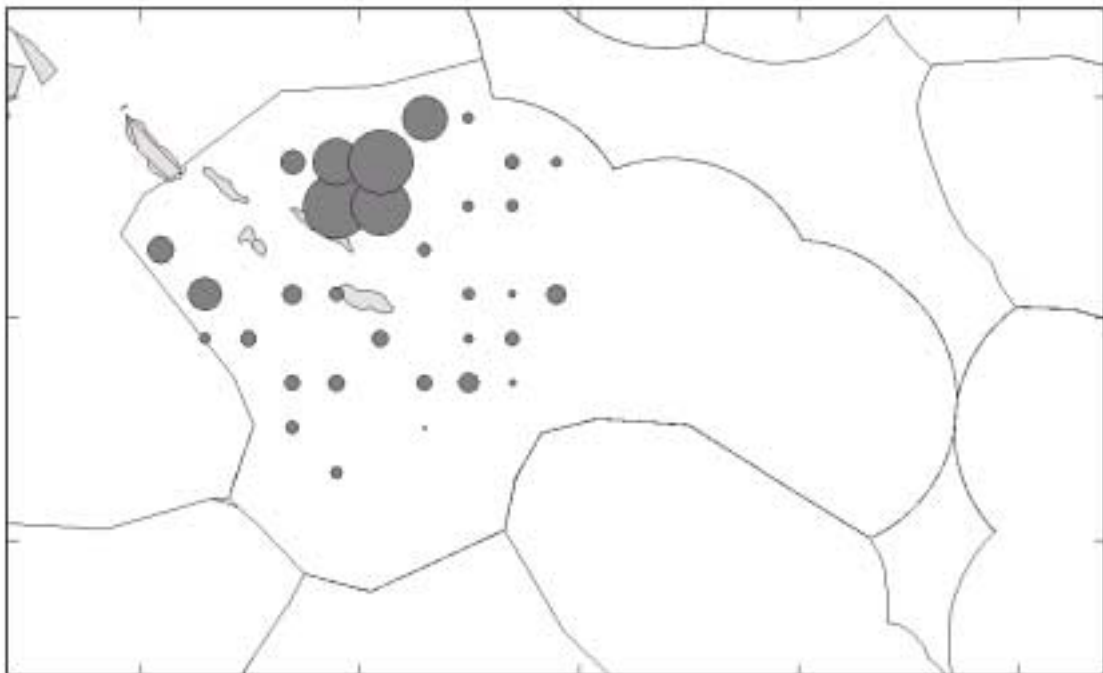


Figure 32. Solomon Islands longliner catch, 2001

LONGLINE: TAIWAN, OFFSHORE VESSELS, EAST OF 130°E

Table 18. Catches (tonnes) and catch per unit of effort (number of fish per 100 hooks) for Taiwanese 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	0.41	61	...	11,483	0.85
2001	...	...	...	...	...	6,001	0.22	46	7,106	0.36	54	...	13,107	0.75

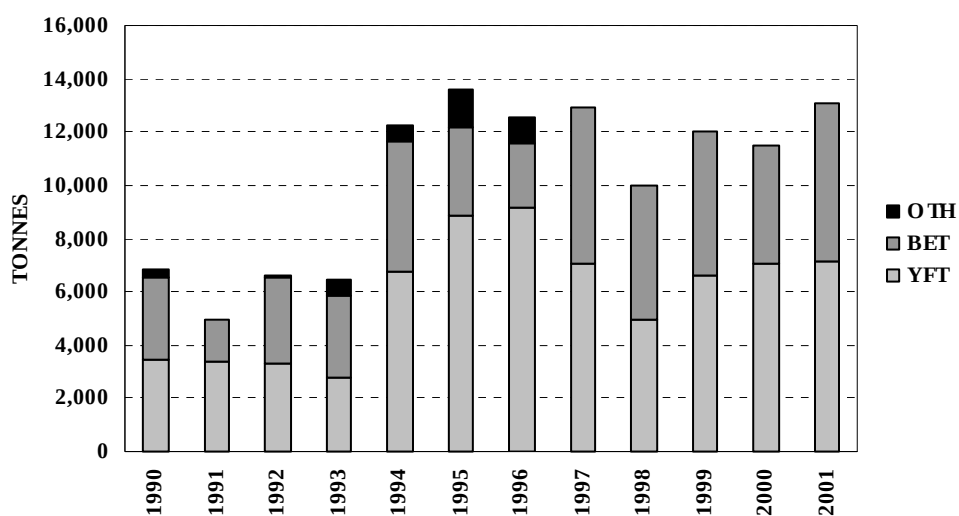


Figure 33. Catches (tonnes) of bigeye (BET), yellowfin (YFT) and other species (OTH) by Taiwanese offshore longliners, east of 130°E

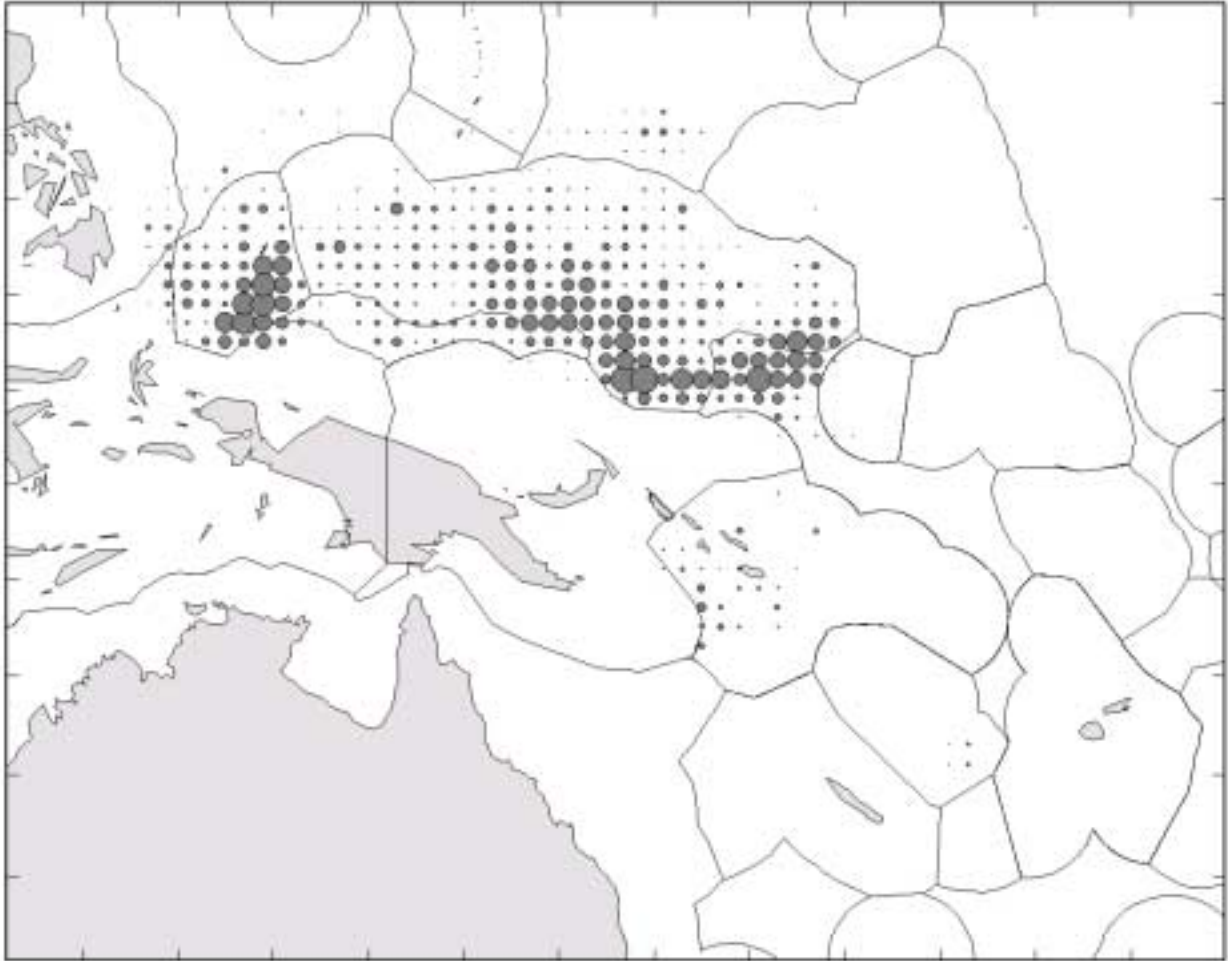


Figure 34. Taiwanese offshore longliner catch, east of 130°E, 2001

LONGLINE: TAIWAN, DISTANT-WATER VESSELS

Table 19. Catches (tonnes), number of hooks (thousands) and catch per unit of effort (number of fish per 100 hooks) for Taiwanese 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	2.66	72	1,896	0.20	11	1,392	0.16	8	1,334	16,579	3.15
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	...	15,550	3.52	91	314	0.03	2	793	0.16	5	515	17,172	3.81
1997	53	...	14,277	3.37	88	531	0.03	3	810	0.12	5	563	16,181	3.61
1998	64	...	12,415	2.58	84	940	0.07	6	609	0.08	4	884	14,848	2.83
1999	65	...	11,912	2.10	79	1,301	0.07	9	771	0.06	5	1,042	15,026	2.29
2000	78	...	16,348	2.10	75	2,241	0.06	10	1,640	0.16	8	1,598	21,827	2.35
2001	101	...	11,941	2.62	50	5,940	0.05	25	3,543	0.13	15	2,523	23,947	2.90

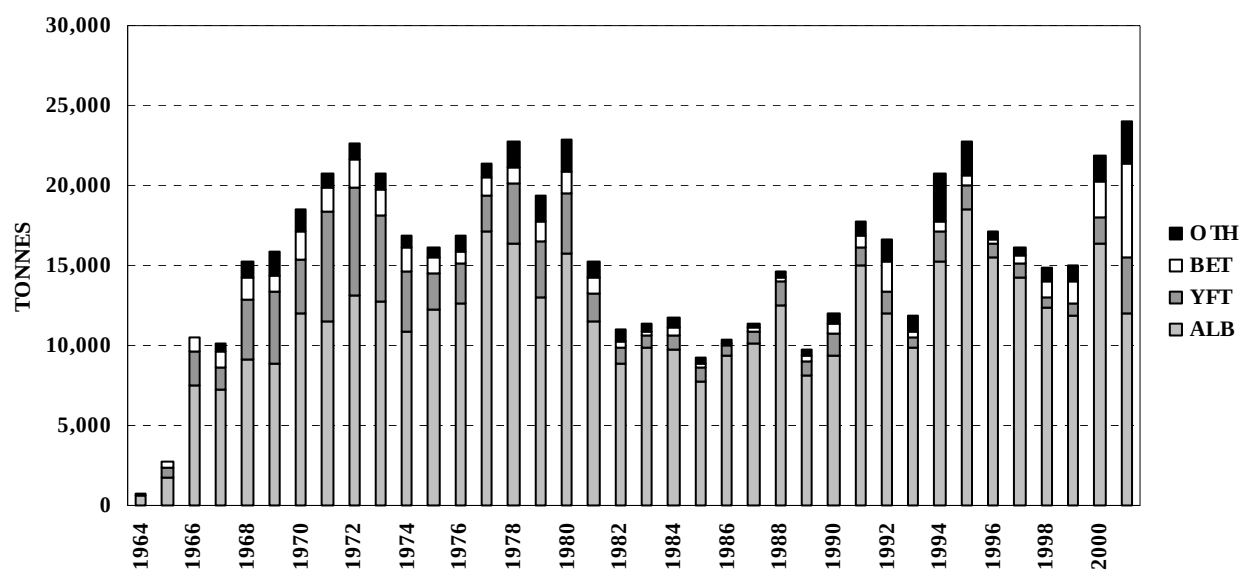


Figure 35. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Taiwanese distant-water longliners in the WCPO

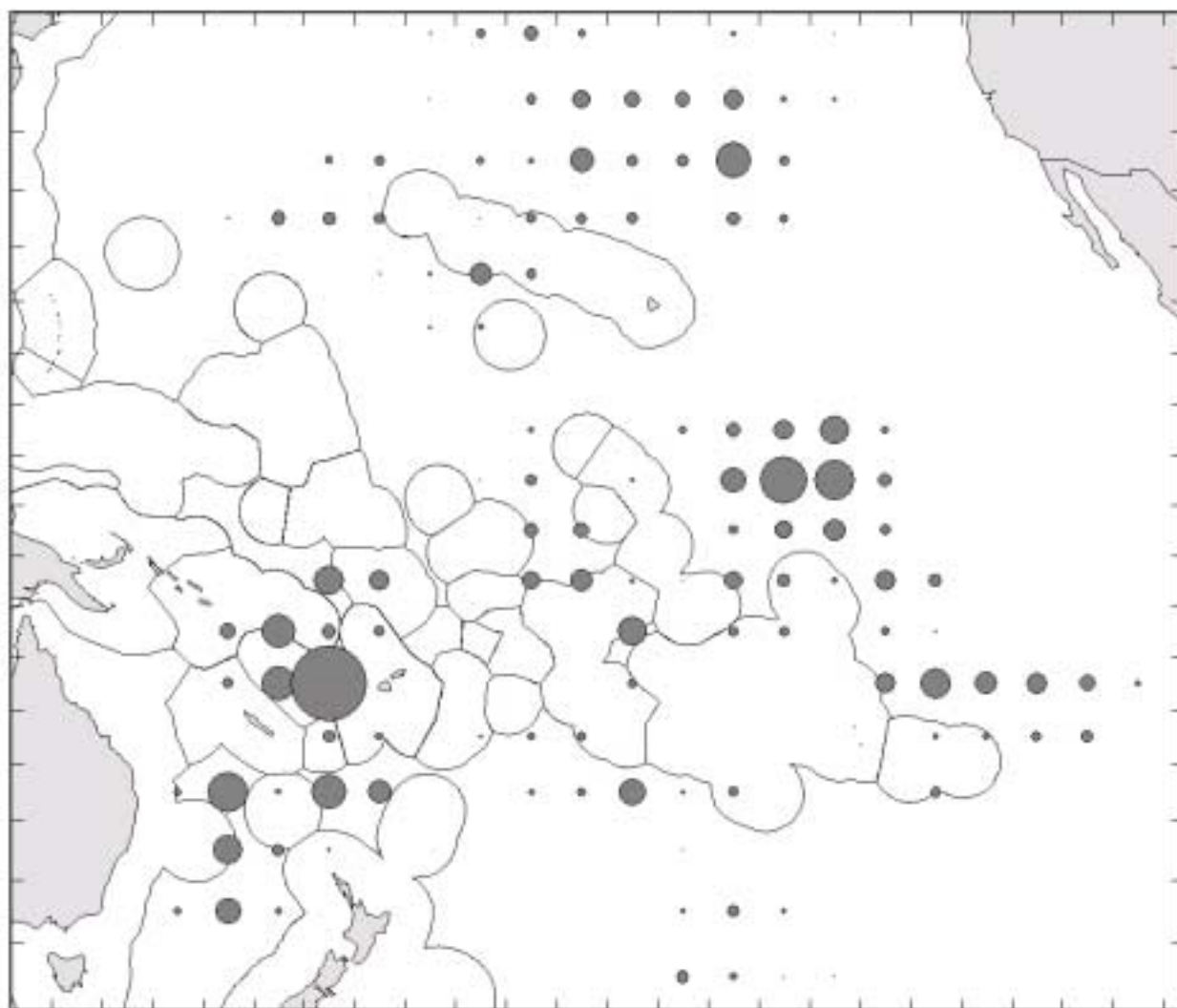


Figure 36. Taiwanese distant-water longliner catch, 2000

LONGLINE: TONGA

Table 20. 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	3.95
1997	8	...	493	2.30	62	69	0.19	9	100	0.15	13	138	800	3.27
1998	10	...	616	1.62	62	86	0.14	9	125	0.23	13	173	1,000	3.05
1999	13	...	801	1.22	62	112	0.17	9	163	0.21	13	224	1,300	2.50
2000	14	...	862	1.22	62	120	0.20	9	175	0.40	13	243	1,400	2.42
2001	21	...	1,268	1.59	64	191	0.19	10	259	0.29	13	270	1,988	2.45

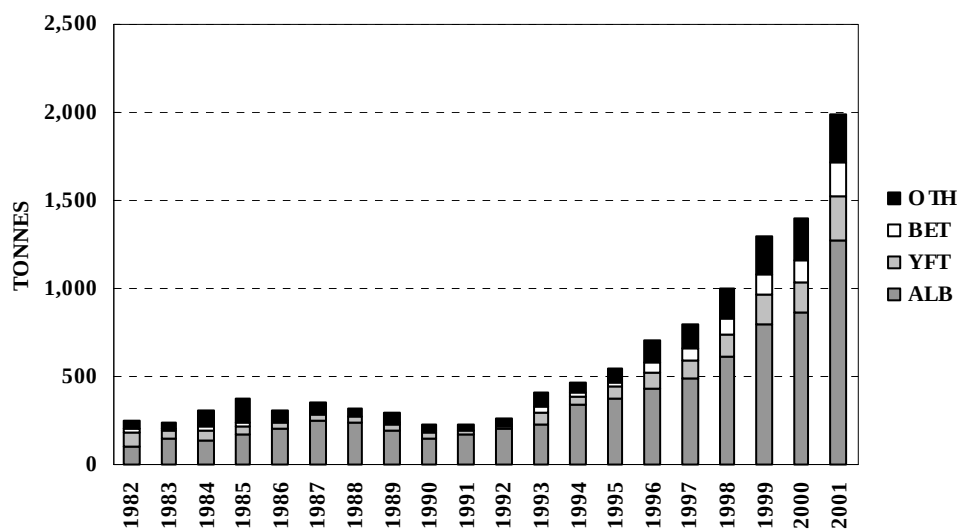


Figure 37. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Tongan longliners

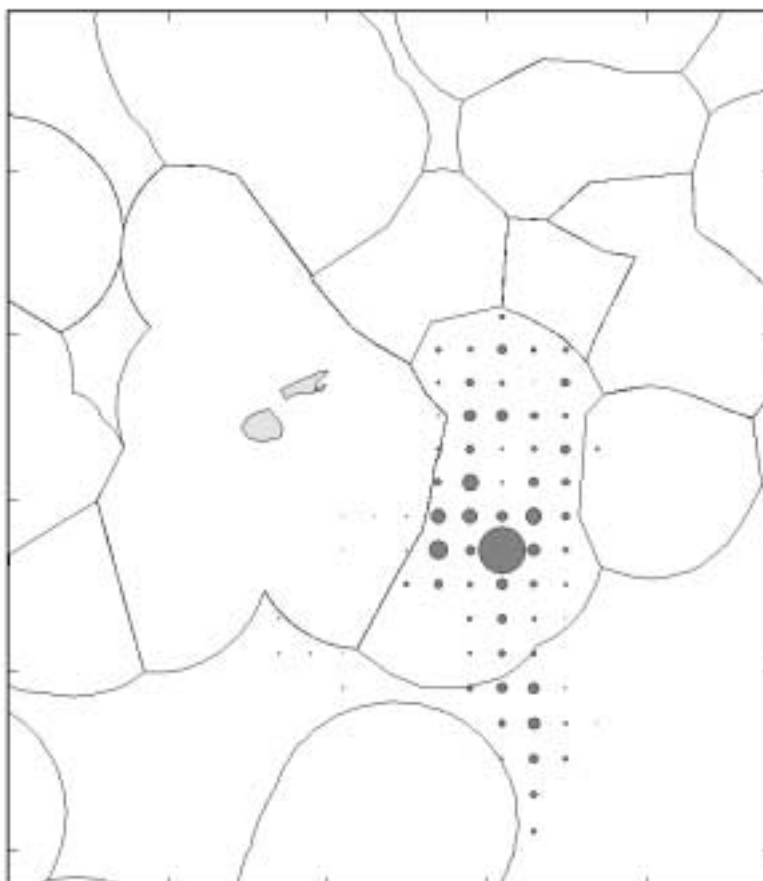


Figure 38. Tongan longliner catch, 2001

LOGLINE: UNITED STATES OF AMERICA

Table 21. 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	0.00	0	15	0.05	41	21	0.13	57	1	37	0.18
1992	7	...	0	0.00	0	74	0.38	39	102	0.82	53	16	192	1.36
1993	7	...	11	0.00	6	65	0.23	36	67	0.47	37	38	181	1.08
1994	17	...	18	0.00	10	18	0.45	10	88	0.88	47	64	188	1.88
1995	16	...	26	0.00	4	147	0.30	25	201	0.35	34	225	599	0.99
1996	12	...	13	0.00	2	143	0.41	27	250	0.87	47	127	533	1.30
1997	5	...	8	0.02	5	42	0.25	26	103	0.85	64	7	160	1.15
1998	4	...	9	0.15	6	42	0.21	26	107	0.67	66	5	163	1.11
1999	3	...	0	0.00	0	48	0.25	37	60	0.51	46	23	131	0.86
2000	4	...	0	0.00	0	79	0.25	33	88	0.58	37	70	237	1.09
2001	5	...	27	0.00	26	21	0.21	21	31	0.56	30	23	102	0.98

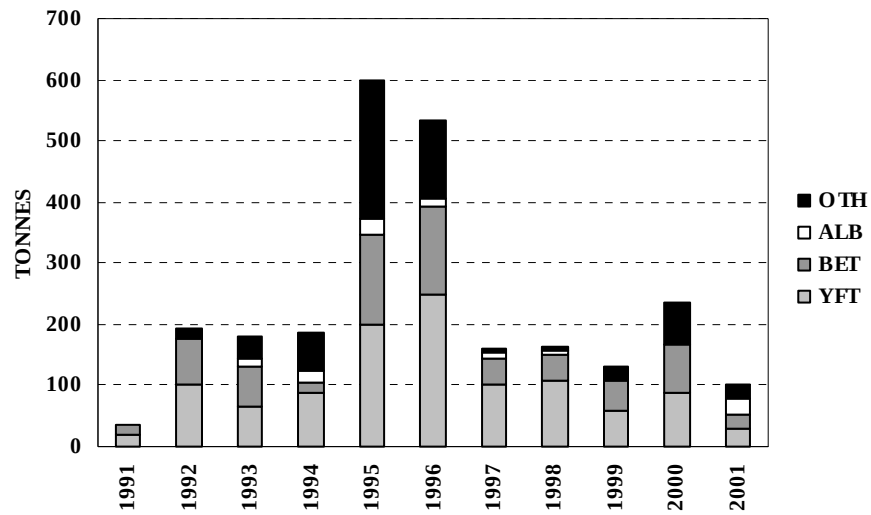


Figure 39. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by United States longliners, excluding vessels based in American Samoa and Hawaii/California

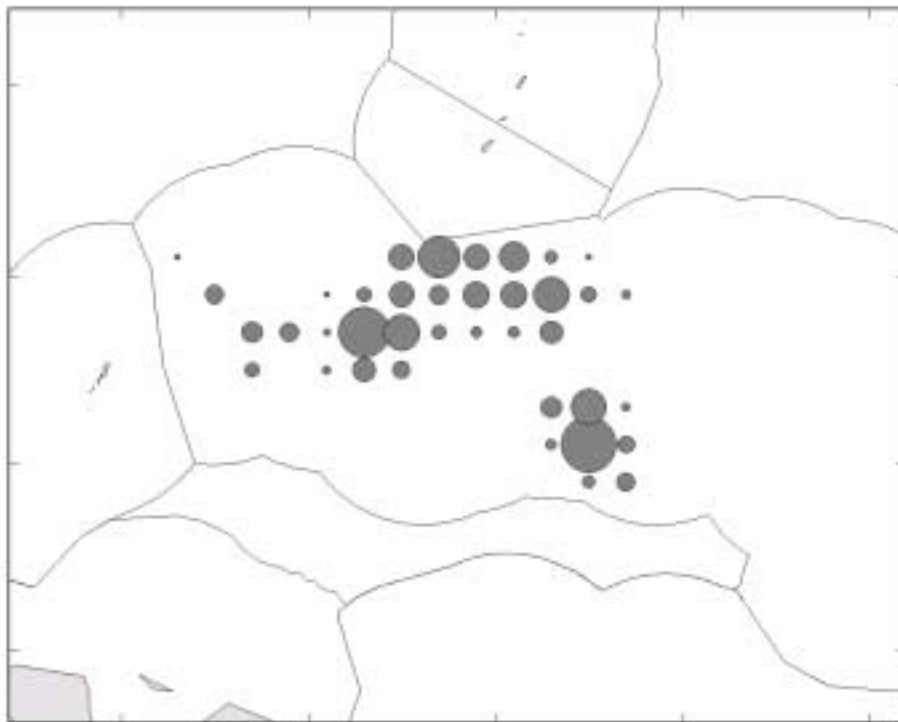


Figure 40. United States longliner catch, excluding vessels based in American Samoa and Hawaii/California, 2001

Table 22. 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	7,740	13,044	2.77
1998	117	...	1,120	0.28	8	3,272	0.57	24	722	0.13	5	8,398	13,512	2.38
1999	130	...	1,489	0.35	10	2,816	0.43	20	476	0.09	3	9,555	14,336	2.21
2000	129	...	939	0.19	7	2,704	0.37	21	1,137	0.19	9	7,968	12,748	1.96
2001	125	...	1,294	...	15	2,427	...	27	1,018	...	11	4,152	8,891	...

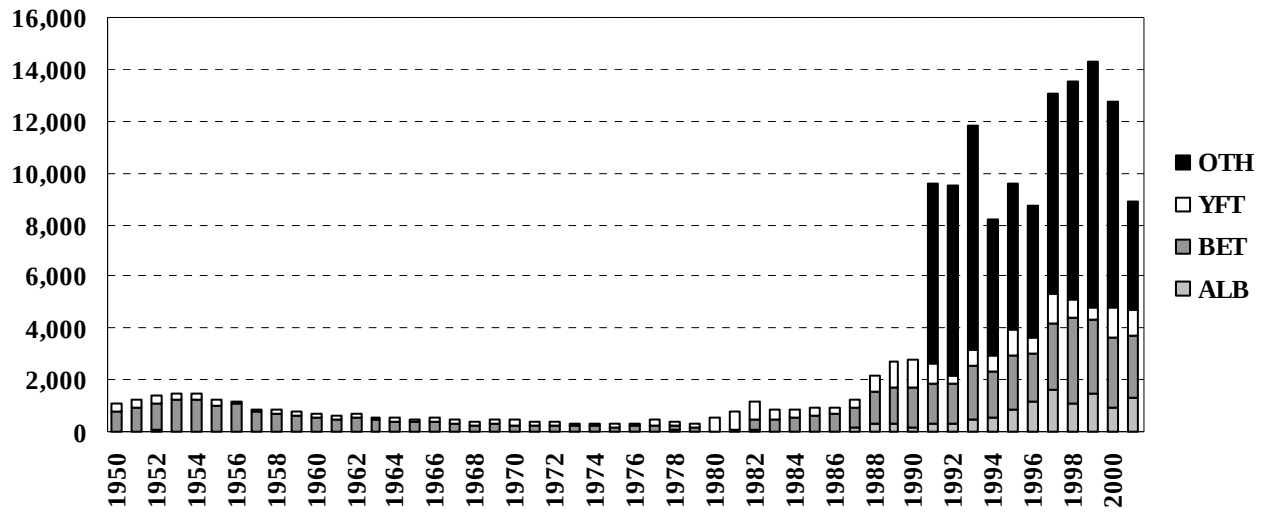


Figure 41. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin(YFT) and other species (OTH) by United States longliners based in Hawaii and California

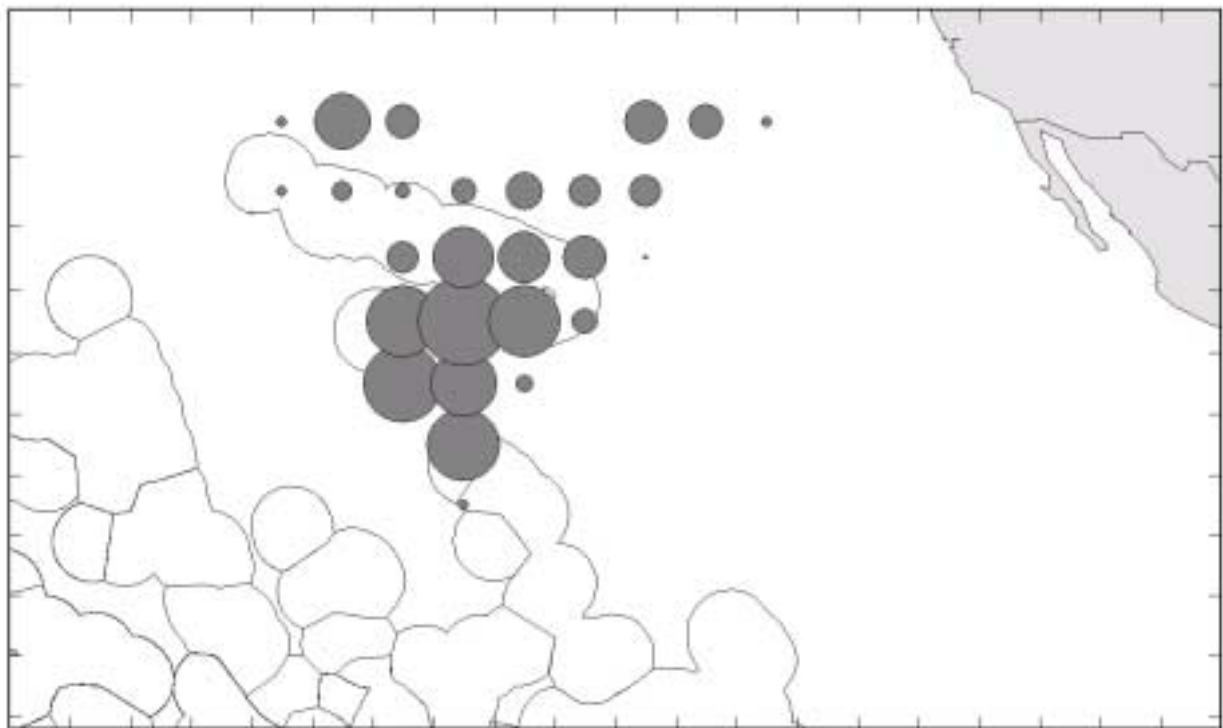
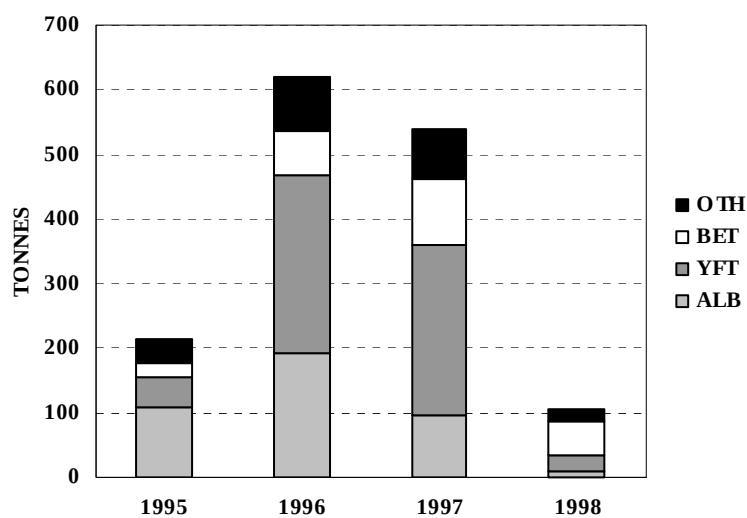
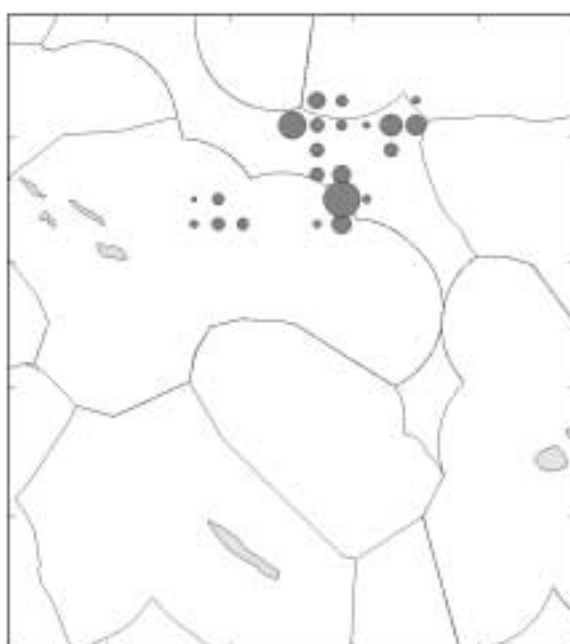


Figure 42. United States longliner catch by vessels based in Hawaii and California, 2000

LONGLINE: VANUATU

Table 23. 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	...	...	...	...	...	...	...	...	...	...	...	...	...	...


Figure 43. Catches (tonnes) of albacore (ALB), bigeye (BET), yellowfin (YFT) and other species (OTH) by Vanuatu longliners

Figure 44. Vanuatu longliner catch, 1998

POLE-AND-LINE: AUSTRALIA

Table 24. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Australian pole-and-line vessels

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1976	9	65	46	0.71	35	1	0.02	1	84	131	2.02
1977	20	134	31	0.23	3	0	0.00	0	1,165	1,196	8.93
1978	14	205	146	0.71	14	16	0.08	2	870	1,032	5.03
1979	10	66	...	...	...	...	...	...	268	268	4.06
1980	9	62	...	...	...	...	...	...	446	446	7.19
1981	17	192	108	0.56	11	0	0.00	0	867	975	5.08
1982	20	254	196	0.77	24	5	0.02	1	626	827	3.26
1983	13	151	109	0.72	44	0	0.00	0	141	250	1.66
1984	8	57	78	1.37	81	5	0.09	5	13	96	1.68
1985	...	...	...	...	...	...	...	...	...	...	...
1986	5	...	77	...	100	0	...	0	...	77	...
1987	5	...	59	...	100	0	...	0	...	59	...
1988	18	...	490	...	100	0	...	0	...	490	...
1989	15	...	399	...	86	63	...	14	...	462	...
1990	17	...	1,177	...	98	22	...	2	...	1,199	...
1991	16	...	1,042	...	99	10	...	1	...	1,052	...
1992	12	...	800	...	100	1	...	0	...	801	...
1993	12	874	458	0.52	74	4	0.00	1	160	622	0.71
1994	10	987	295	0.30	57	29	0.03	6	192	516	0.52
1995	11	601	211	0.35	58	9	0.01	2	142	362	0.60
1996	16	723	763	1.06	79	75	0.10	8	133	971	1.34
1997	15	...	485	...	...	43	...	...	22	550	...
1998	7	502	266	0.53	...	0	0.00	...	1	267	0.53
1999	4	...	...	...	...	...	...	...	...	...	...
2000	4	...	...	...	...	...	...	...	...	...	...
2001	2	...	0	...	...	0	...	...	21	21	...

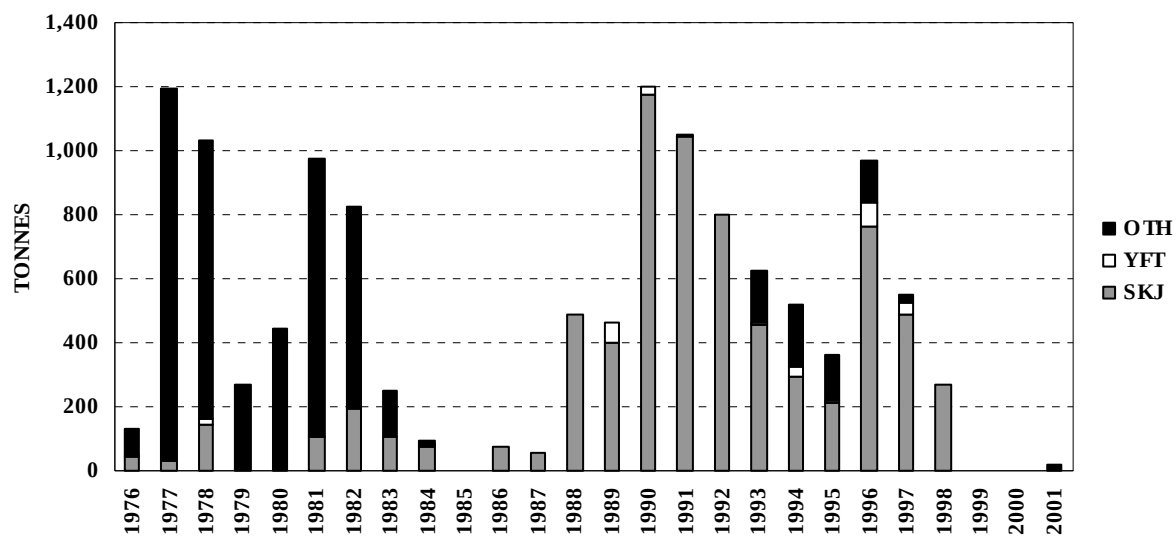


Figure 45. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Australian pole-and-line vessels

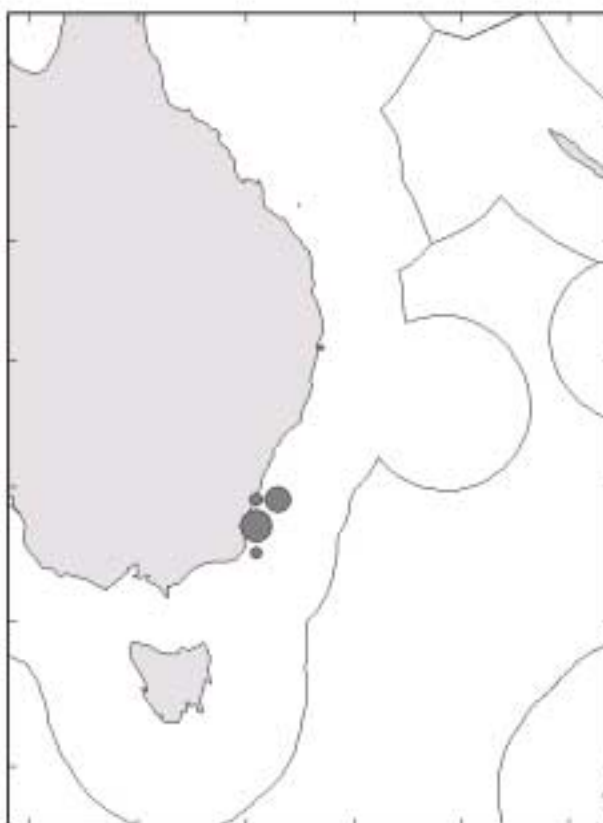


Figure 46. Australian pole-and-line catch, 2001

POLE-AND-LINE: FIJI ISLANDS

Table 25. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Fiji Islands pole-and-line vessels

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%		CATCH	CPUE
1974	...	...	...	...	...	12	...	...	...	...	...
1975	...	...	...	...	...	11	...	...	...	...	...
1976	2	...	658	2.37	89	84	0.28	11	0	742	2.65
1977	6	...	1,560	2.57	91	151	0.22	9	0	1,711	2.79
1978	6	...	2,115	2.56	84	409	0.74	16	0	2,524	3.31
1979	8	...	3,091	3.86	88	403	0.43	12	1	3,495	4.29
1980	11	...	2,263	1.87	91	233	0.16	9	4	2,500	2.03
1981	12	...	5,252	1.72	90	584	0.20	10	0	5,836	1.91
1982	14	...	3,675	2.15	83	753	0.35	17	5	4,433	2.53
1983	13	...	3,248	2.40	87	490	0.28	13	2	3,740	2.68
1984	11	...	3,992	3.29	87	580	0.40	13	0	4,572	3.69
1985	7	...	3,219	2.77	82	724	0.41	18	4	3,947	3.18
1986	6	...	2,288	2.14	73	823	0.62	26	4	3,115	2.77
1987	8	...	3,437	3.34	89	425	0.33	11	0	3,862	3.67
1988	8	...	3,405	2.89	88	464	0.31	12	0	3,869	3.21
1989	8	...	4,660	3.75	91	461	0.42	9	0	5,121	4.17
1990	10	...	3,196	2.84	87	478	0.31	13	0	3,674	3.14
1991	10	...	4,458	2.82	92	368	0.23	8	0	4,826	3.06
1992	11	...	3,705	2.19	90	395	0.19	10	5	4,105	2.38
1993	9	...	3,178	3.47	83	628	0.50	16	16	3,822	3.97
1994	10	...	3,379	2.04	82	743	0.30	18	17	4,139	2.34
1995	9	...	4,319	3.73	88	558	0.22	11	8	4,885	3.95
1996	7	...	3,124	3.05	95	164	0.08	5	1	3,289	3.12
1997	5	...	987	...	96	46	...	4	0	1,033	...
1998	1	...	459	...	98	7	...	2	0	466	...
1999	1	...	507	...	100	0	...	0	0	507	...
2000	1	...	343	...	98	2	...	1	6	351	...
2001	2	...	431	...	91	44	...	9	...	475	...

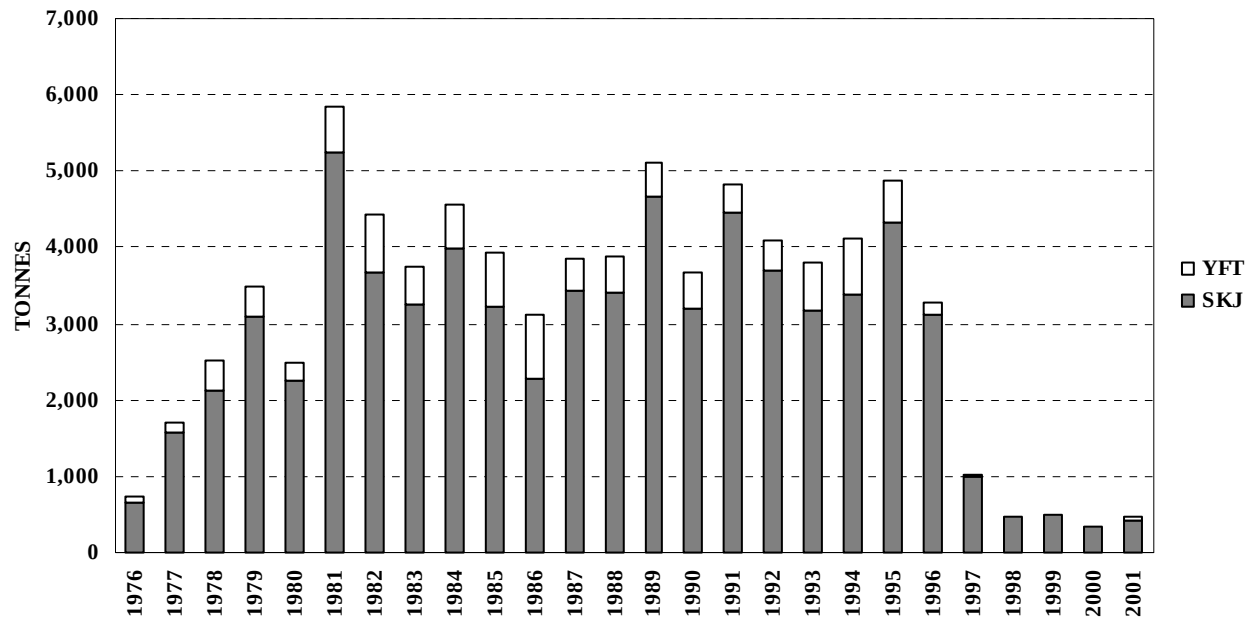


Figure 47. Catches (tonnes) of skipjack (SKJ) and yellowfin (YFT) by Fiji Islands pole-and-line vessels

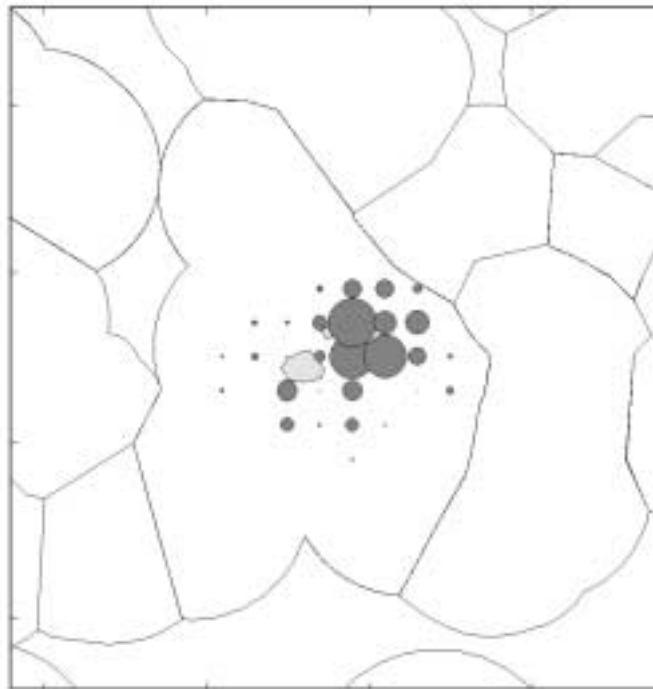


Figure 48. Fiji Islands pole-and-line catch, 1996

POLE-AND-LINE: FRENCH POLYNESIA

Table 26. 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	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	80	6,567	784	119	79	118	18	12	89	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

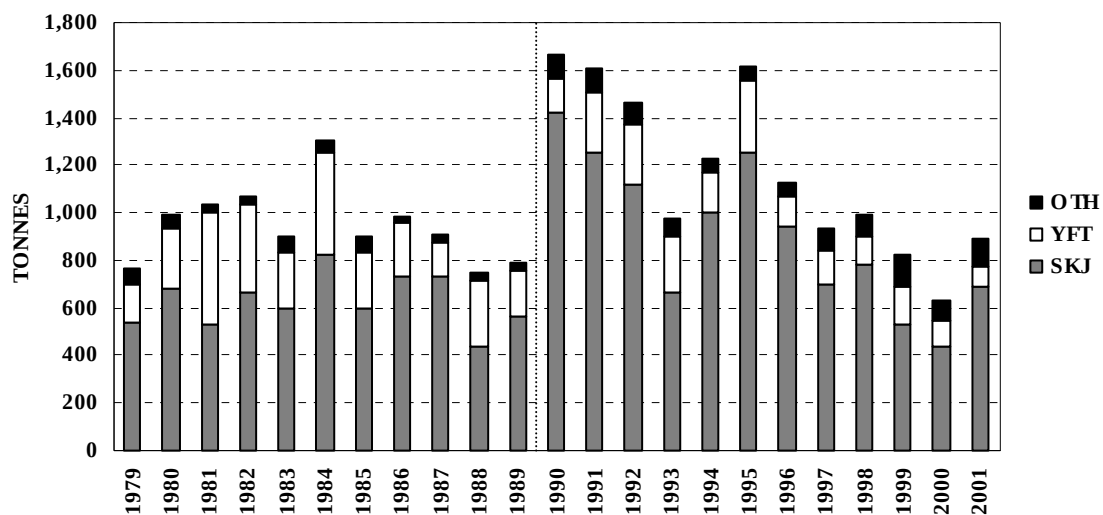


Figure 49. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by French Polynesian pole-and-line vessels (*bonitiers*). Statistics for 1979–1989 cover only vessels based in Papeete; statistics for 1990–2000 cover all vessels.

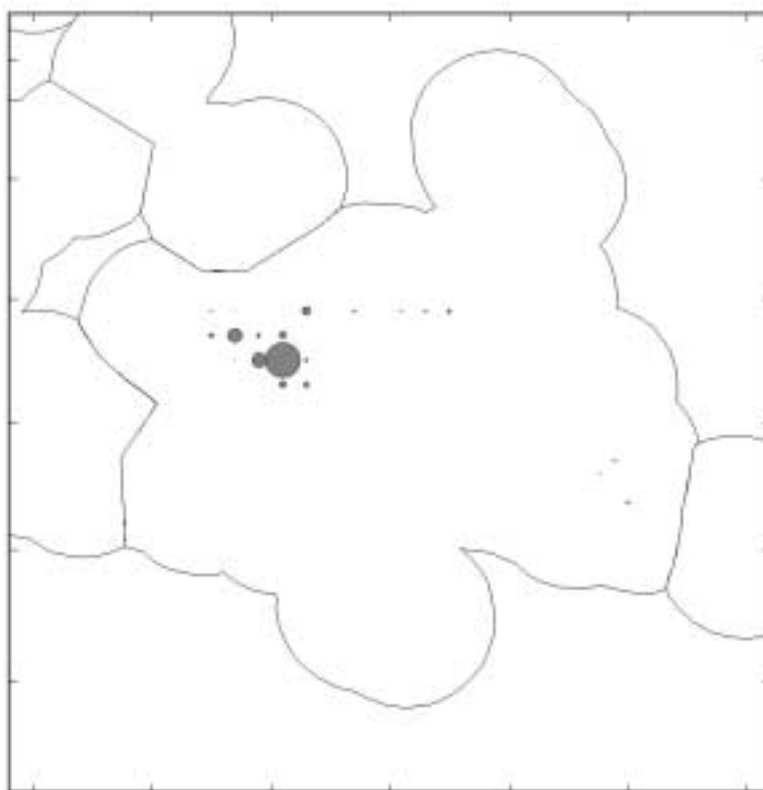


Figure 50. French Polynesian pole-and-line (*bonitiers*) catch, 2001

POLE-AND-LINE: JAPAN

Table 27. 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	46,657	140,976	3.02	70	5,544	0.12	3	54,633	201,153	4.31
1973	582	55,746	209,236	3.75	74	6,057	0.11	2	65,784	281,077	5.04
1974	716	55,740	219,455	3.94	74	4,407	0.08	1	73,495	297,357	5.33
1975	696	58,920	181,093	3.07	76	5,420	0.09	2	52,377	238,890	4.05
1976	653	65,090	221,015	3.40	70	7,351	0.11	2	88,739	317,105	4.87
1977	662	75,988	245,406	3.23	82	9,906	0.13	3	43,350	298,662	3.93
1978	645	66,793	238,267	3.57	77	7,633	0.11	2	65,000	310,900	4.65
1979	625	66,418	211,911	3.19	79	5,836	0.09	2	51,648	269,395	4.06
1980	572	64,432	236,542	3.67	81	6,191	0.10	2	50,097	292,830	4.54
1981	548	64,430	200,719	3.12	82	9,054	0.14	4	33,935	243,708	3.78
1982	475	60,853	200,154	3.29	80	9,499	0.16	4	40,387	250,040	4.11
1983	434	51,019	224,530	4.40	85	9,338	0.18	4	30,796	264,664	5.19
1984	396	50,426	284,495	5.64	87	8,702	0.17	3	34,551	327,748	6.50
1985	356	43,619	159,175	3.65	78	12,925	0.30	6	32,348	204,448	4.69
1986	330	41,187	233,723	5.67	89	8,410	0.20	3	20,987	263,120	6.39
1987	314	39,391	177,518	4.51	83	8,454	0.21	4	27,656	213,628	5.42
1988	277	31,172	195,664	6.28	89	7,196	0.23	3	15,998	218,858	7.02
1989	269	32,933	180,211	5.47	87	7,800	0.24	4	19,812	207,823	6.31
1990	255	34,070	121,930	3.58	80	6,929	0.20	5	24,264	153,123	4.49
1991	242	23,542	151,338	6.43	90	5,404	0.23	3	11,202	167,944	7.13
1992	216	24,036	118,150	4.92	82	6,827	0.28	5	19,890	144,867	6.03
1993	203	24,235	161,749	6.67	88	4,529	0.19	2	17,122	183,400	7.57
1994	185	21,436	107,878	5.03	74	3,936	0.18	3	34,778	146,592	6.84
1995	173	20,742	128,041	6.17	79	3,995	0.19	2	29,179	161,215	7.77
1996	164	19,442	91,904	4.73	74	4,349	0.22	4	27,445	123,698	6.36
1997	162	21,223	115,181	5.43	74	3,639	0.17	2	35,903	154,723	7.29
1998	159	21,987	122,730	5.58	78	2,943	0.13	2	31,887	157,560	7.17
1999	...	19,066	104,162	5.46	66	2,715	0.14	2	51,071	157,948	8.28
2000	...	21,058	124,422	5.91	83	2,666	0.13	2	22,961	150,049	7.13
2001	...	...	...	...	...	...	...	...	...	...	...

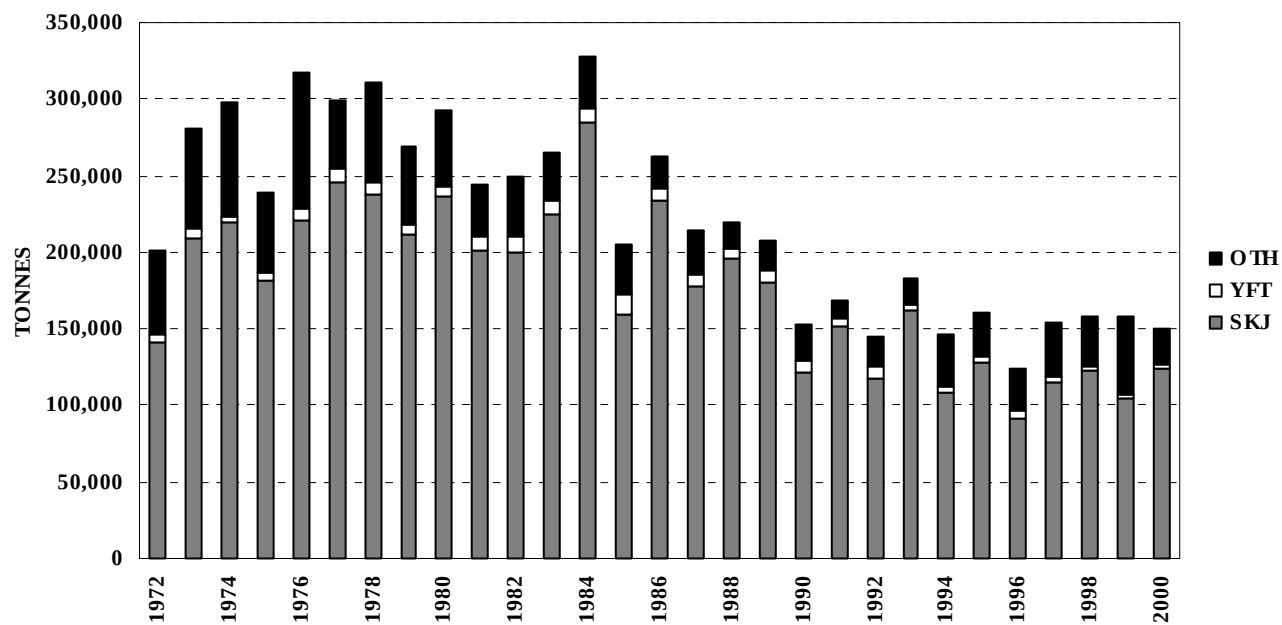


Figure 51. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Japanese pole-and-line vessels, over 20 GRT, in the WCPO

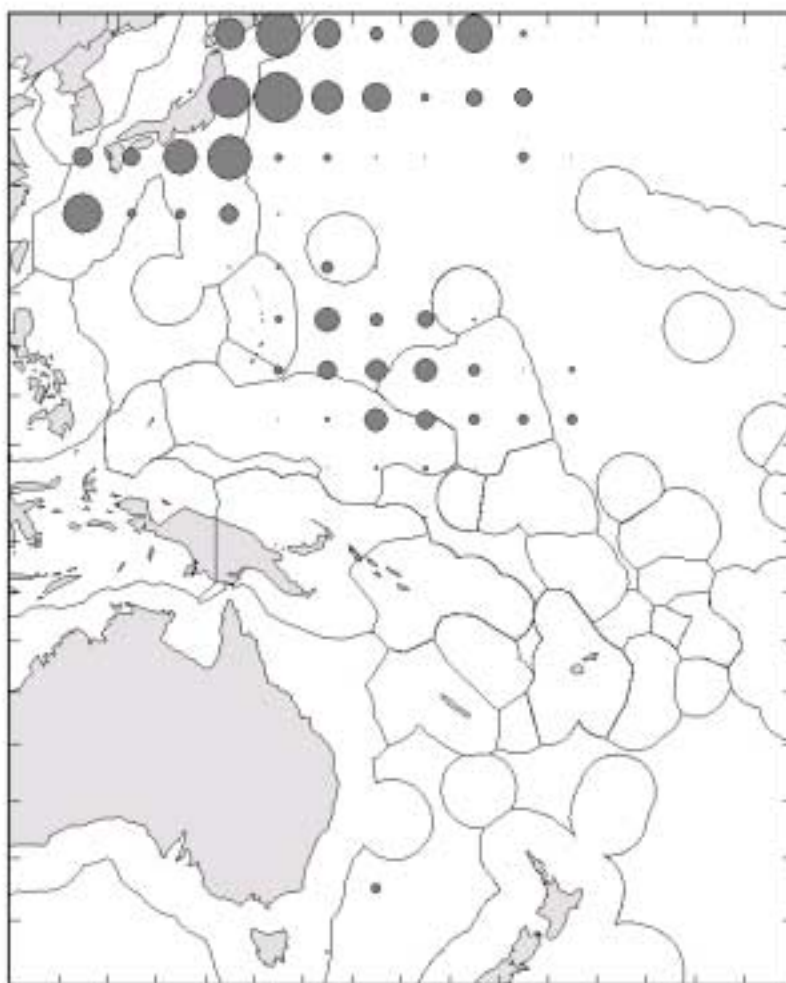


Figure 52. Japanese pole-and-line catch in the WCPO, 2000

POLE-AND-LINE: KIRIBATI

Table 28. 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	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	...

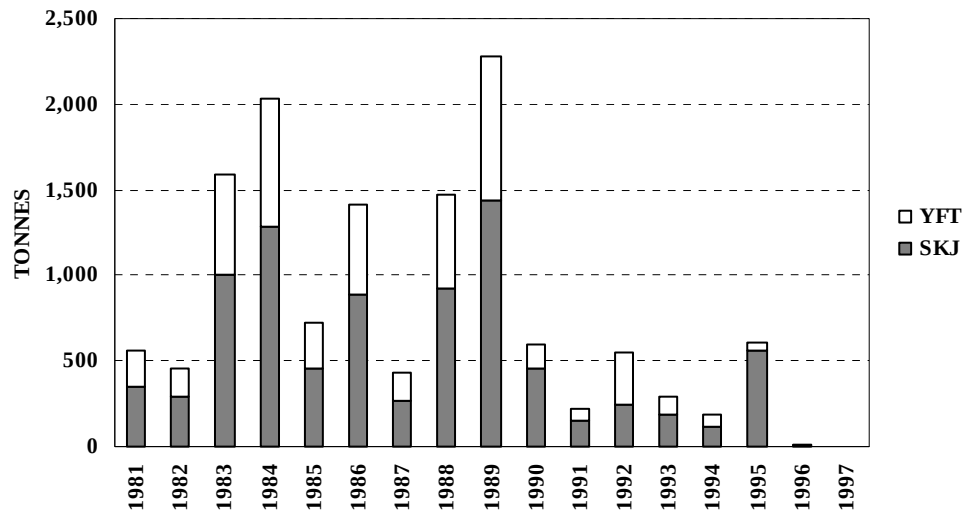


Figure 53. Catches (tonnes) of skipjack (SKJ) and yellowfin (YFT) by Kiribati pole-and-line vessels

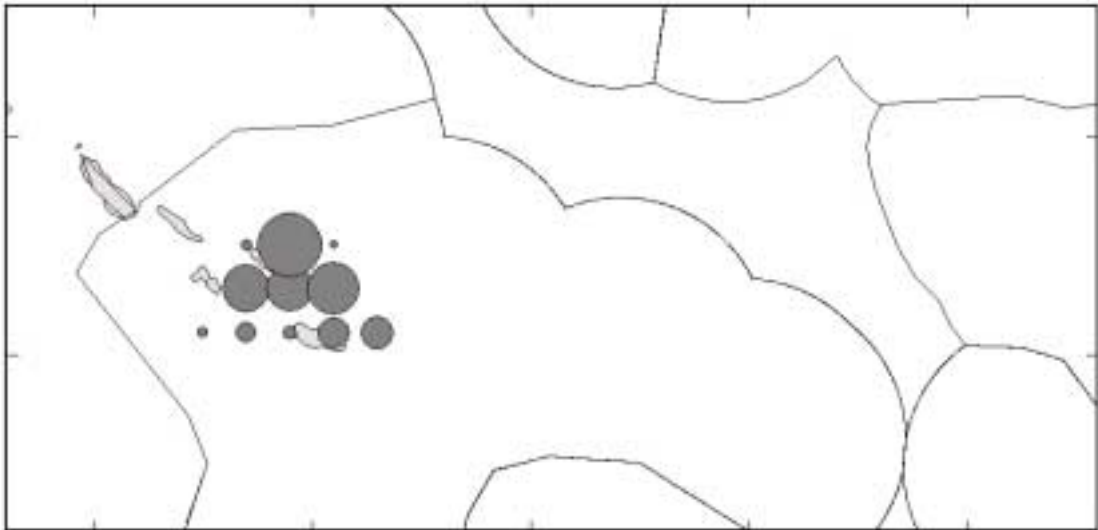


Figure 54. Kiribati pole-and-line catch, 1995

POLE-AND-LINE: NEW CALEDONIA

Table 29. 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

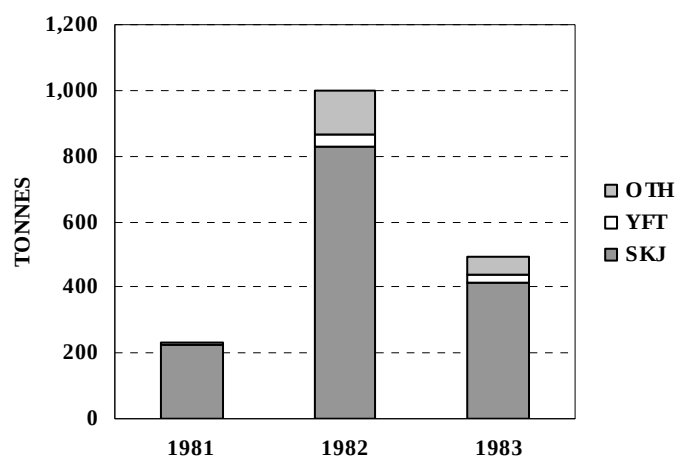


Figure 55. Catches (tonnes) of skipjack (SKJ) and yellowfin (YFT) by New Caledonian pole-and-line vessels

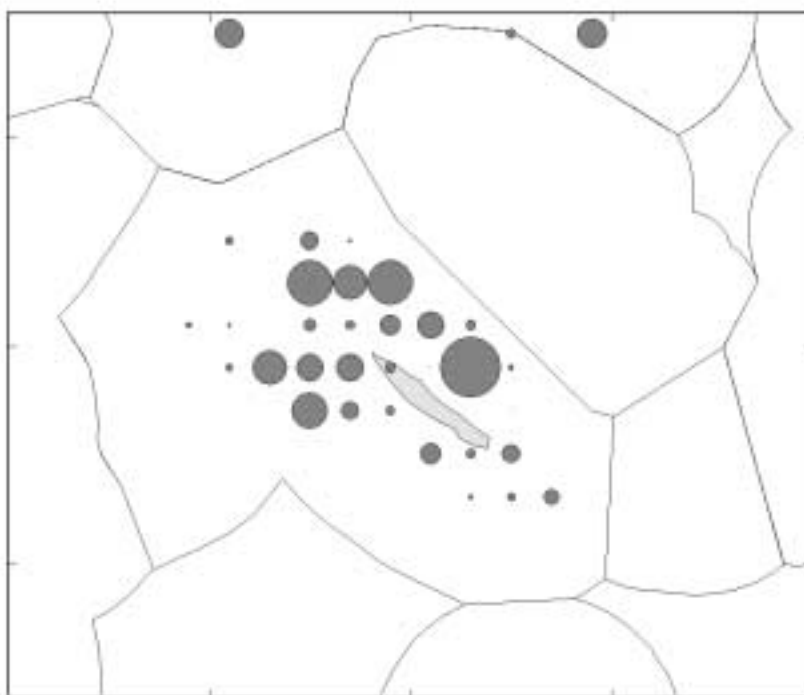


Figure 56. New Caledonian pole-and-line catch, 1983

POLE-AND-LINE: PALAU

Table 30. 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	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	...	...	...	...	...	...	...	...

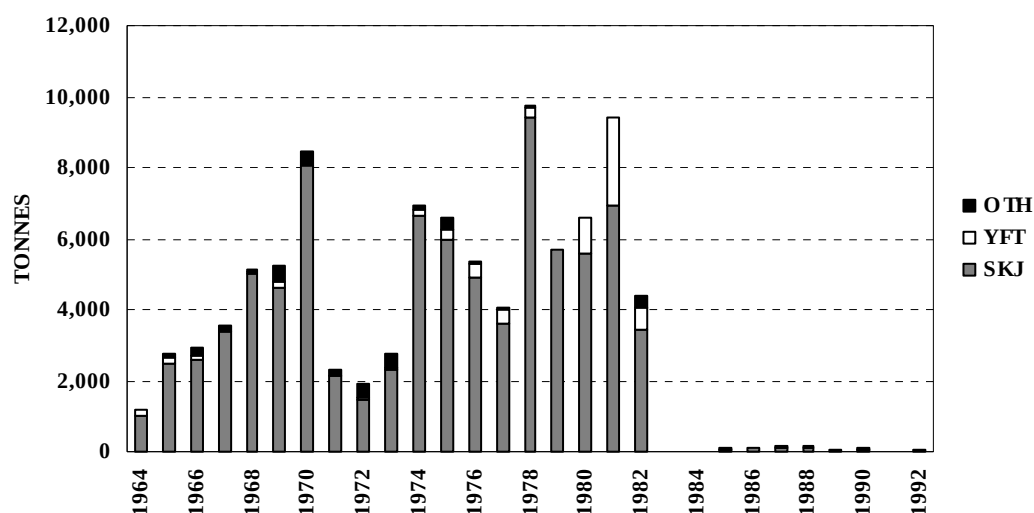


Figure 57. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Palau pole-and-line vessels

POLE-AND-LINE: PAPUA NEW GUINEA

Table 31. 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	...

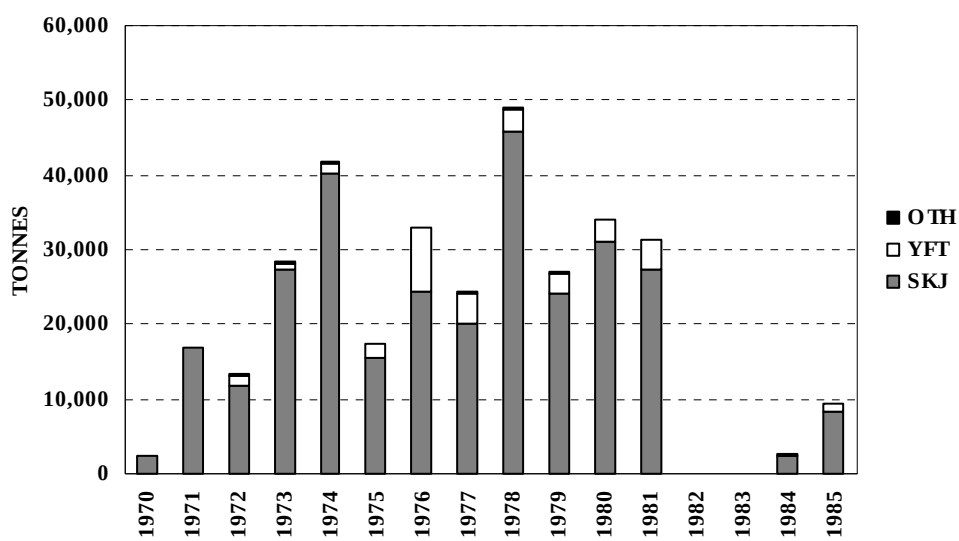


Figure 58. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Papua New Guinea pole-and-line vessels

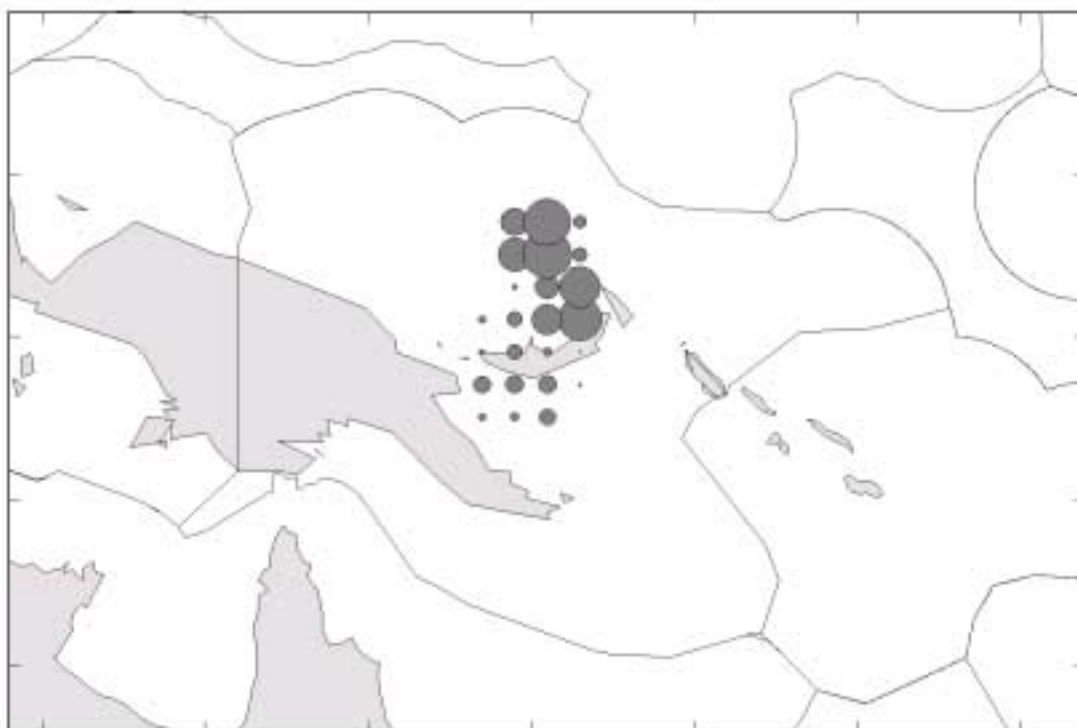


Figure 59. Papua New Guinea pole-and-line catch, 1981

POLE-AND-LINE: SOLOMON ISLANDS

Table 32. 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	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	2,209	2.83	82	138	0.18	5	345	2,692	3.45
2001	12	...	4,508	...	96	202	...	4	0	4,710	...

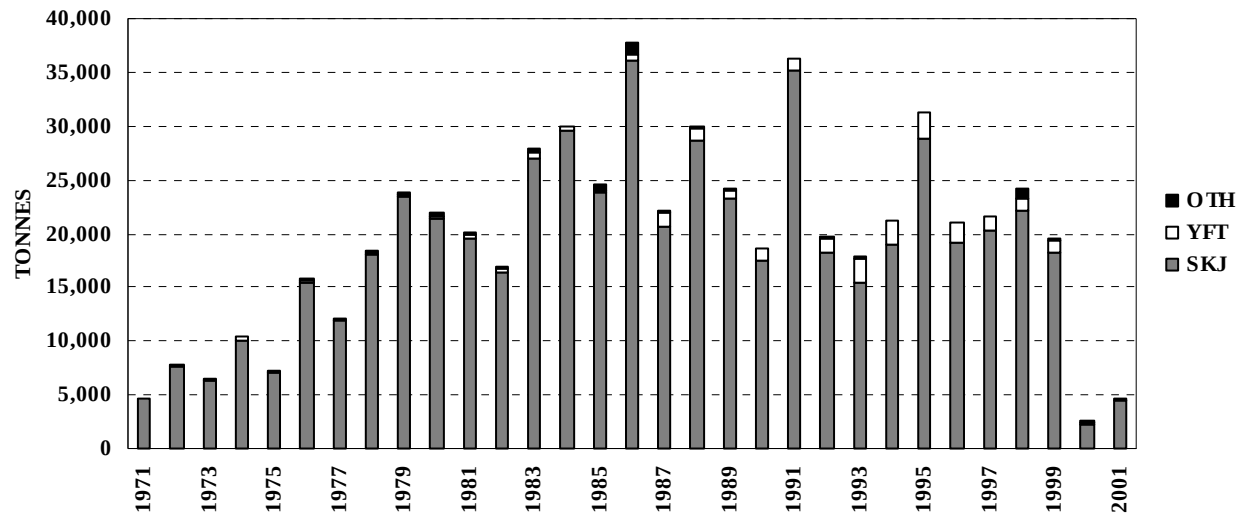


Figure 60. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Solomon Islands pole-and-line vessels

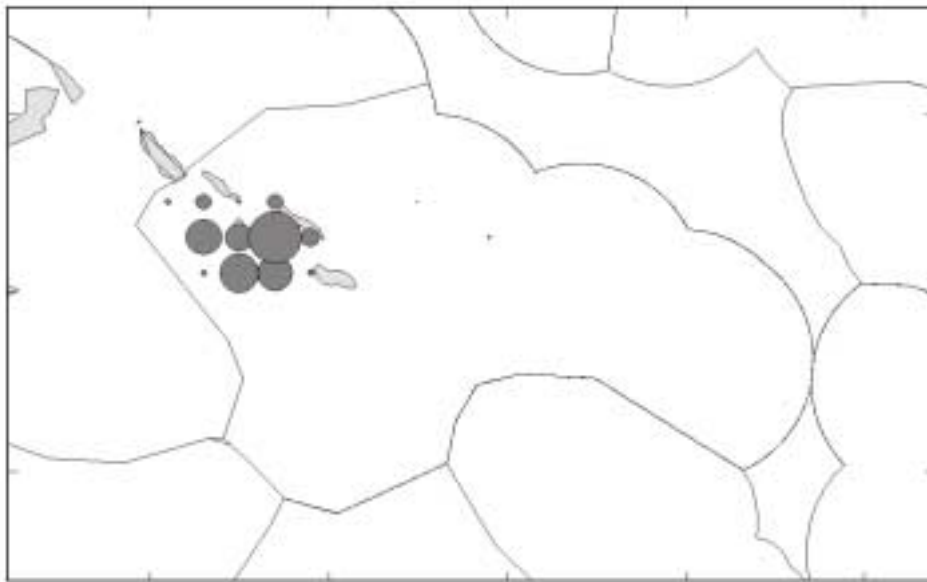


Figure 61. Solomon Islands pole-and-line catch, 2000

POLE-AND-LINE: TUVALU

Table 33. 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

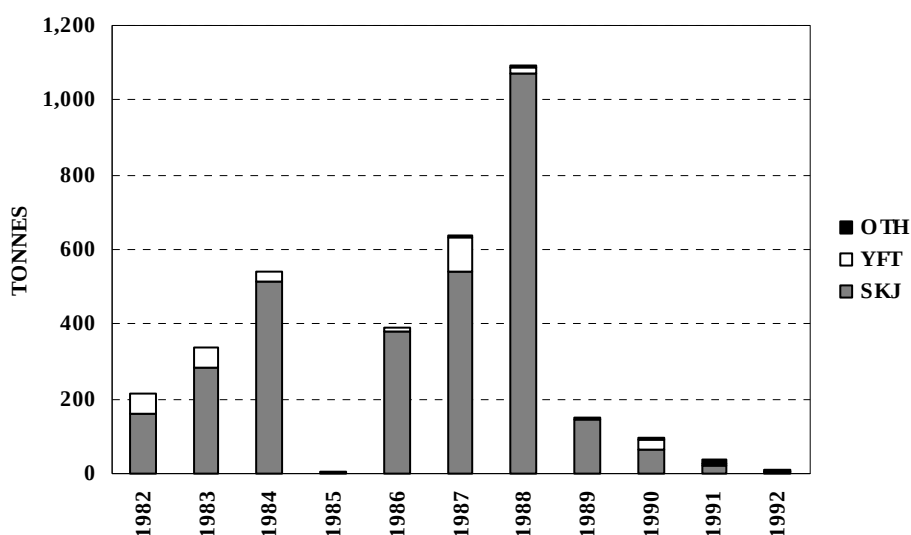


Figure 62. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by Tuvaluan pole-and-line vessels

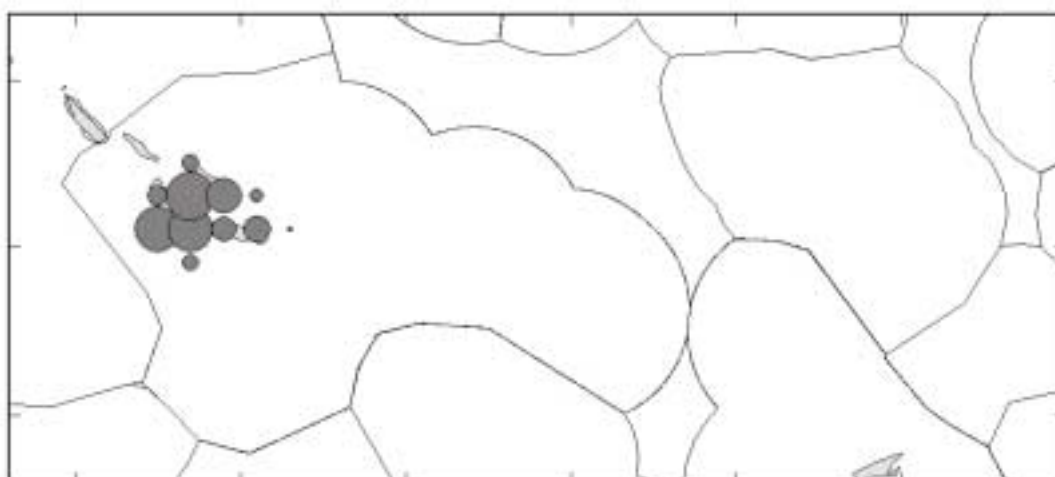


Figure 63. Tuvaluan pole-and-line catch, 1988

PURSE SEINE: AUSTRALIA, INSIDE THE AUSTRALIAN FISHING ZONE

Table 34. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Australian purse seiners inside the Australian Fishing Zone

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	4,164	25.71
2000	8	128	3,955	30.90	92	0	0.00	0	...	...	...	356	4,311	33.68
2001	3	...	492	...	99	0	...	0	...	...	...	5	497	...

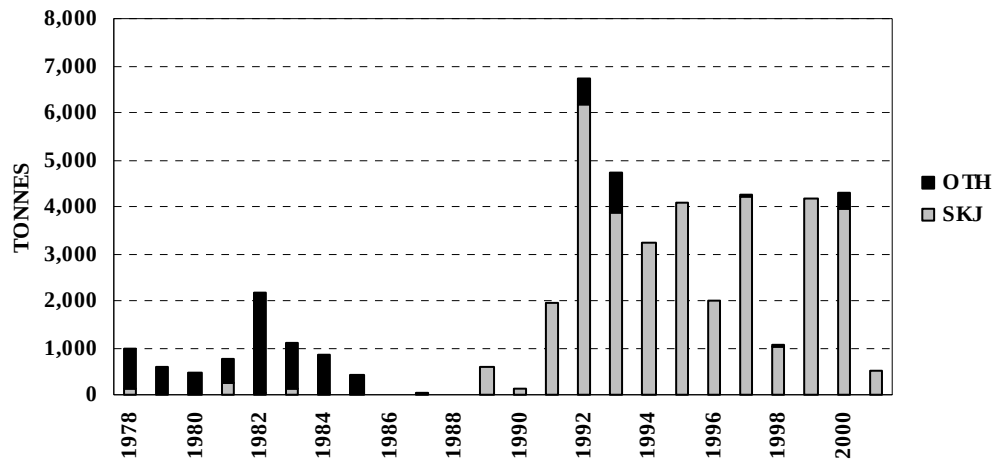


Figure 64. Catches (tonnes) of skipjack (SKJ) and other species (OTH) by Australian purse seiners, inside the AFZ

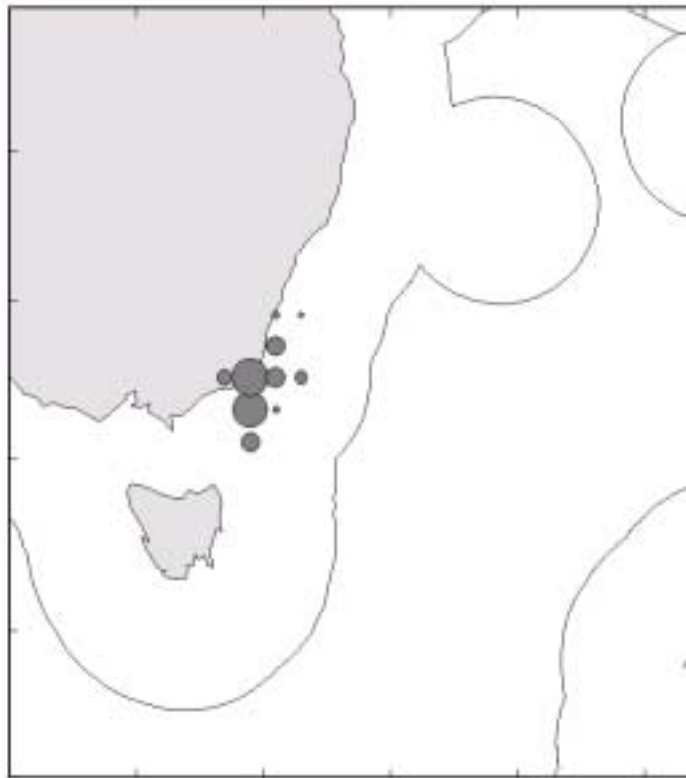


Figure 65. Australian purse-seiner catch, 2001

PURSE SEINE: AUSTRALIA, OUTSIDE THE AUSTRALIAN FISHING ZONE

Table 35. Catches (tonnes) and catch per unit of effort (tonnes per day fished and searched) for Australian purse seiners outside the Australian Fishing Zone

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

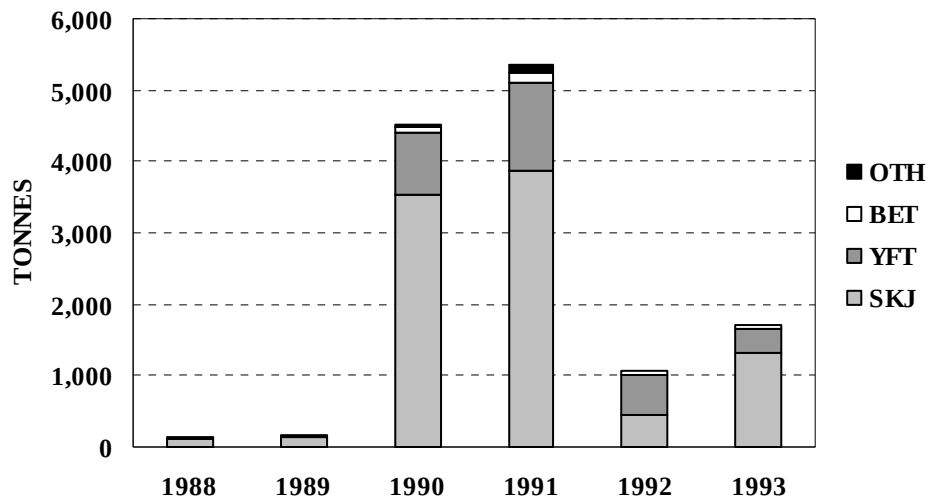


Figure 66. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Australian purse seiners, outside the AFZ

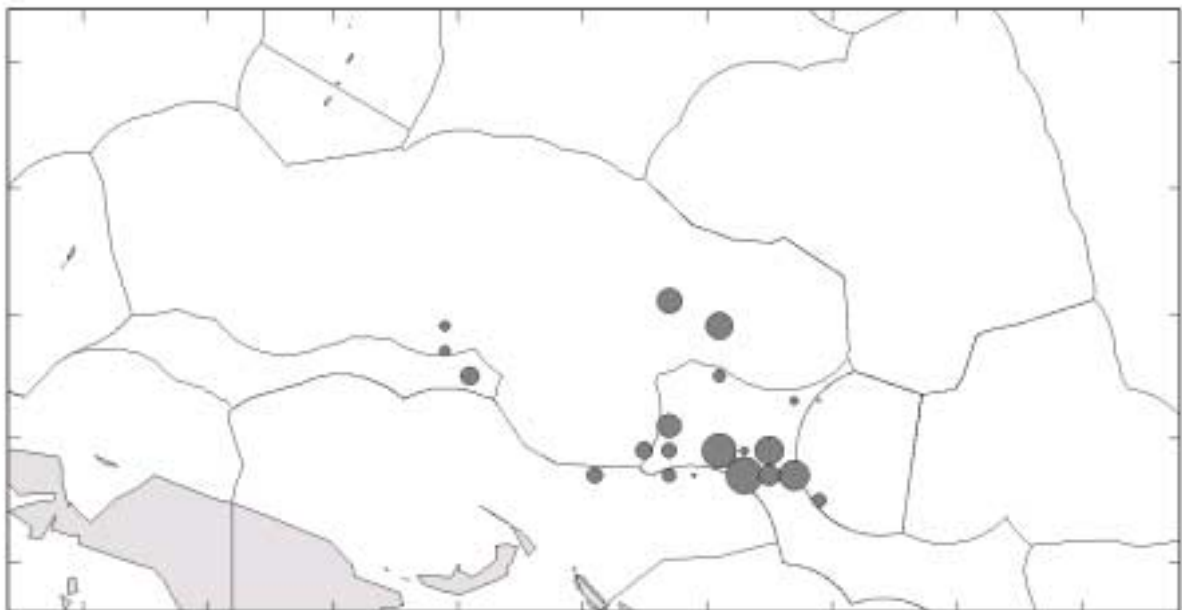


Figure 67. Australian distant-water purse-seiner catch, 1993

PURSE SEINE: CHINA

Table 36. 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

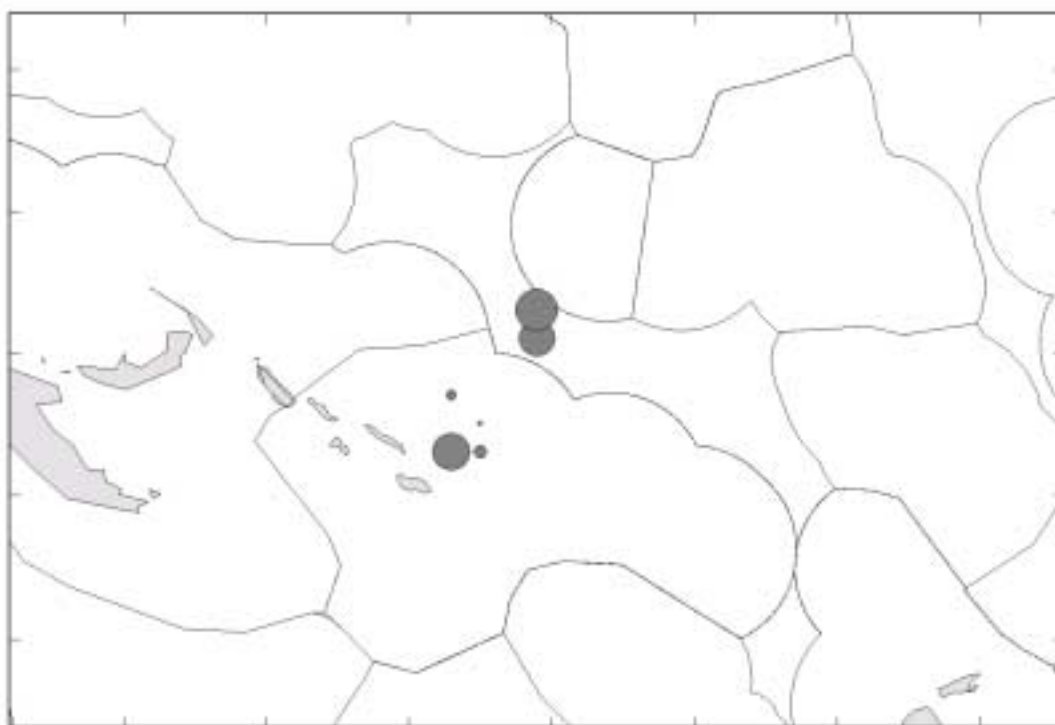


Figure 68. Chinese purse seiner catch, 2001

PURSE SEINE: FEDERATED STATES OF MICRONESIA

Table 37. 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	14.67	75	3,360	5.14	22	315	...	2	169	15,501	20.30
1993	7	...	11,692	10.14	70	4,562	3.98	27	433	...	3	...	16,687	14.49
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	...	6,972	12.36	66	3,167	4.78	30	362	...	3	...	10,501	17.68
2000	7	...	15,843	17.33	75	5,004	5.49	24	298	...	1	...	21,145	23.19
2001	5	...	10,310	11.99	65	5,063	6.21	32	404	...	3	...	15,777	18.68

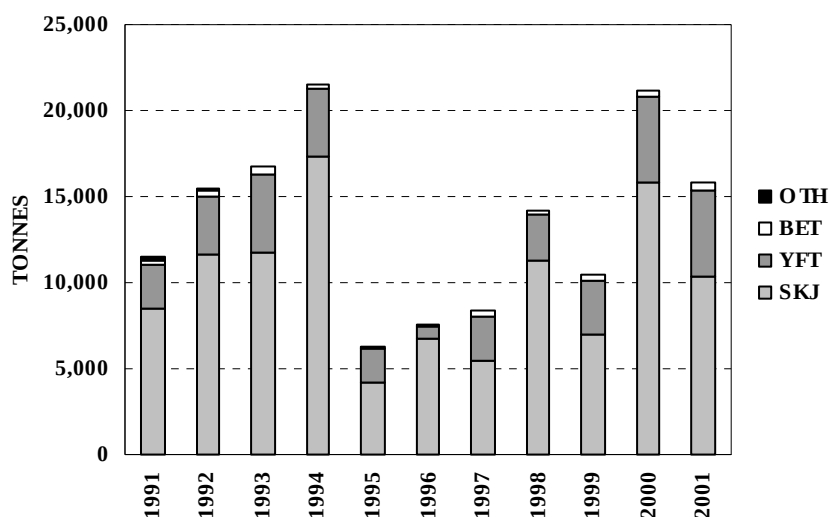


Figure 69. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Federated States of Micronesia purse seiners

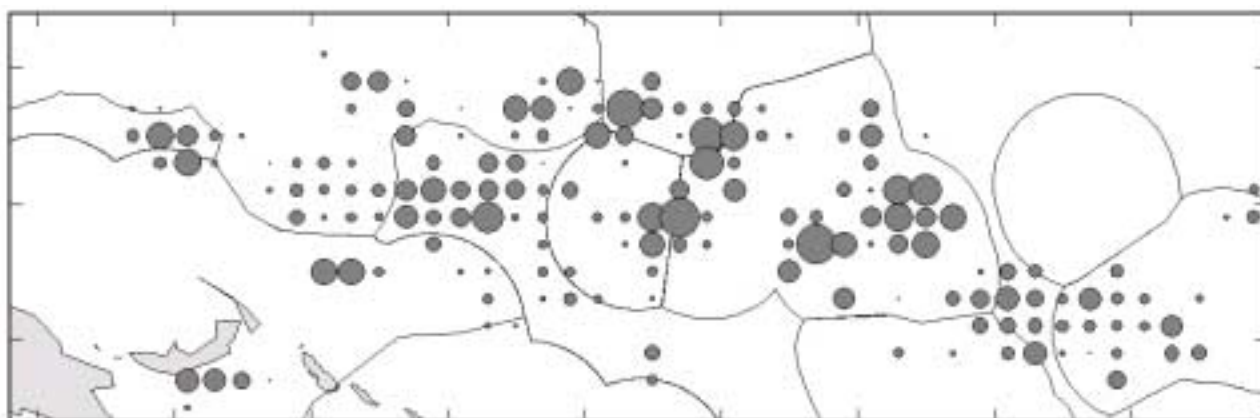


Figure 70. Federated States of Micronesia purse seiner catch, 2001

PURSE SEINE: INDONESIAN DISTANT-WATER VESSELS

Table 38. 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	...	...	...	...	...	...	...	...	...	...	...	...	...	...

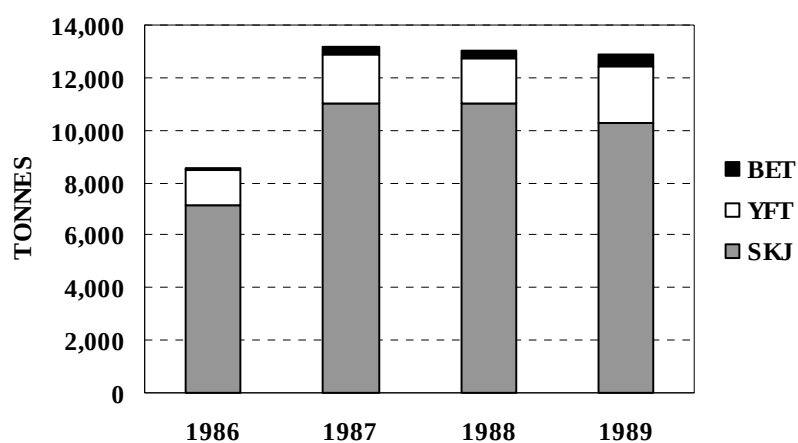


Figure 71. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Indonesian distant-water purse seiners

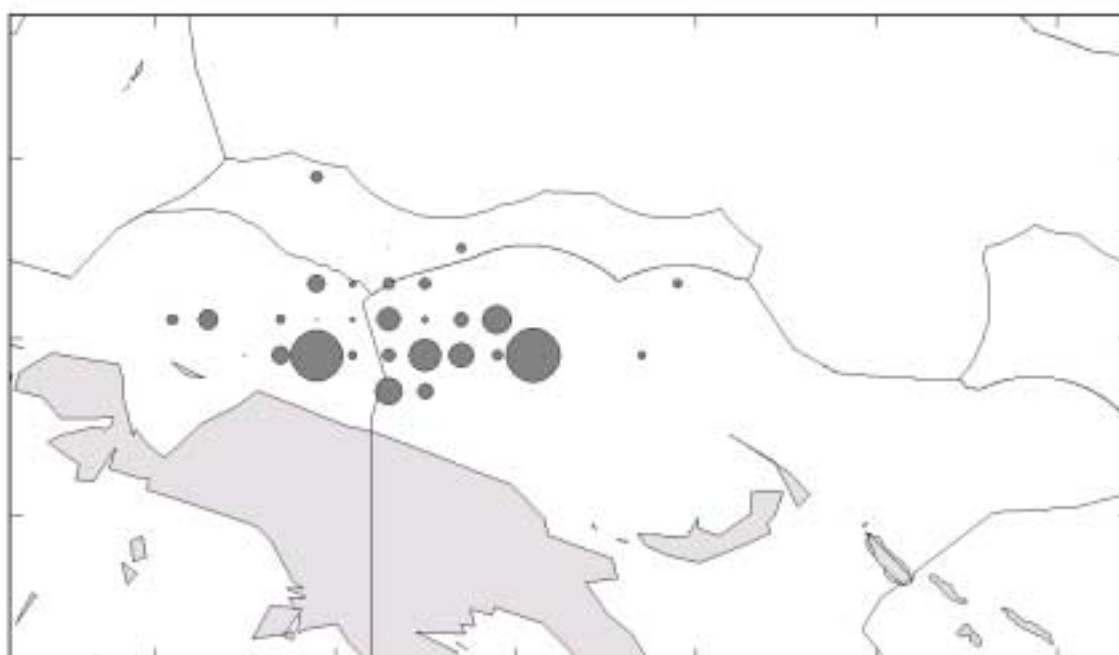


Figure 72. Indonesian distant-water purse seiner catch, 1989

PURSE SEINE: JAPAN

Table 39. 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	120	403	3.36	71	164	1.37	29	0	0.00	0	0	567	4.73	
1971	6	2,654	7,947	2.99	52	2,837	1.07	18	129	0.05	1	4,423	15,336	5.78	
1972	7	3,421	12,150	3.55	64	4,195	1.23	22	119	0.03	1	2,511	18,975	5.55	
1973	6	3,590	13,244	3.69	58	7,276	2.03	32	182	0.05	1	2,245	22,947	6.39	
1974	10	2,336	5,533	2.37	32	9,419	4.03	55	328	0.14	2	1,860	17,140	7.34	
1975	12	2,598	6,806	2.62	39	5,595	2.15	32	265	0.10	2	4,725	17,391	6.69	
1976	15	3,152	17,741	5.63	62	7,649	2.43	27	390	0.12	1	2,747	28,527	9.05	
1977	14	2,703	18,629	6.89	58	6,841	2.53	21	302	0.11	1	6,103	31,875	11.79	
1978	14	2,932	25,821	8.81	57	8,523	2.91	19	609	0.21	1	10,013	44,966	15.34	
1979	17	4,445	28,760	6.47	47	19,023	4.28	31	720	0.16	1	12,870	61,373	13.81	
1980	16	4,911	48,820	9.94	60	20,077	4.09	25	564	0.11	1	12,206	81,667	16.63	
1981	23	5,666	44,773	7.90	46	27,539	4.86	28	925	0.16	1	25,005	98,242	17.34	
1982	33	7,378	75,141	10.18	60	31,088	4.21	25	1,129	0.15	1	17,276	124,634	16.89	
1983	36	10,324	117,038	11.34	71	30,830	2.99	19	1,468	0.14	1	14,827	164,163	15.90	
1984	33	12,840	128,975	10.04	73	38,662	3.01	22	702	0.05	0	7,448	175,787	13.69	
1985	35	12,495	119,293	9.55	68	47,947	3.84	27	1,381	0.11	1	7,716	176,337	14.11	
1986	38	11,720	130,900	11.17	71	44,467	3.79	24	1,531	0.13	1	8,709	185,607	15.84	
1987	34	11,523	115,505	10.02	67	44,634	3.87	26	1,602	0.14	1	11,569	173,310	15.04	
1988	39	11,598	183,584	15.83	84	30,119	2.60	14	606	0.05	0	5,006	219,315	18.91	
1989	37	11,676	122,041	10.45	71	40,872	3.50	24	1,528	0.13	1	8,221	172,662	14.79	
1990	35	10,448	140,116	13.41	75	37,742	3.61	20	2,122	0.20	1	6,060	186,040	17.81	
1991	35	10,237	149,987	14.65	72	48,579	4.75	23	1,951	0.19	1	8,241	208,758	20.39	
1992	38	9,390	140,172	14.93	68	53,088	5.65	26	2,563	0.27	1	8,880	204,703	21.80	
1993	36	10,821	137,066	12.67	68	57,891	5.35	29	1,903	0.18	1	5,038	201,898	18.66	
1994	33	9,461	160,152	16.93	76	39,867	4.21	19	1,676	0.18	1	10,004	211,699	22.38	
1995	31	10,622	143,182	13.48	70	45,160	4.25	22	1,639	0.15	1	14,475	204,456	19.25	
1996	32	11,143	153,945	13.82	83	23,284	2.09	13	1,419	0.13	1	6,216	184,864	16.59	
1997	35	10,449	145,478	13.92	66	57,050	5.46	26	8,404	0.80	4	10,784	221,716	21.22	
1998	35	10,104	230,294	22.79	84	37,785	3.74	14	2,710	0.27	1	4,140	274,929	27.21	
1999	35	9,981	143,053	14.33	71	40,329	4.04	20	3,106	0.31	2	15,739	202,227	20.26	
2000	...	9,364	171,653	18.33	74	36,590	3.91	16	4,779	0.51	2	19,571	232,593	24.84	
2001	...	8,059	177,930	22.08	79	35,568	4.41	16	6,264	0.78	3	6,050	225,812	28.02	

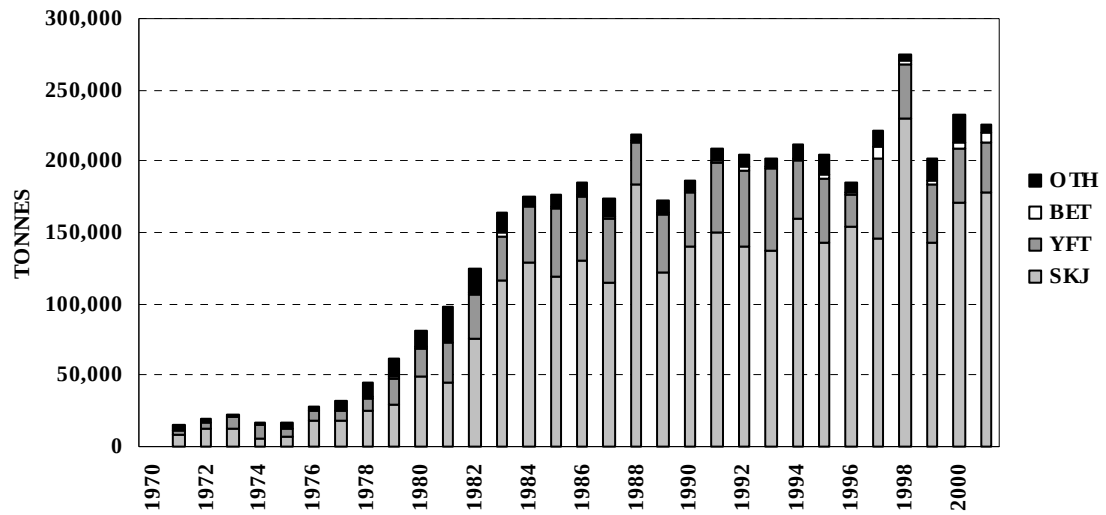


Figure 73. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Japanese purse seiners in the WCPO

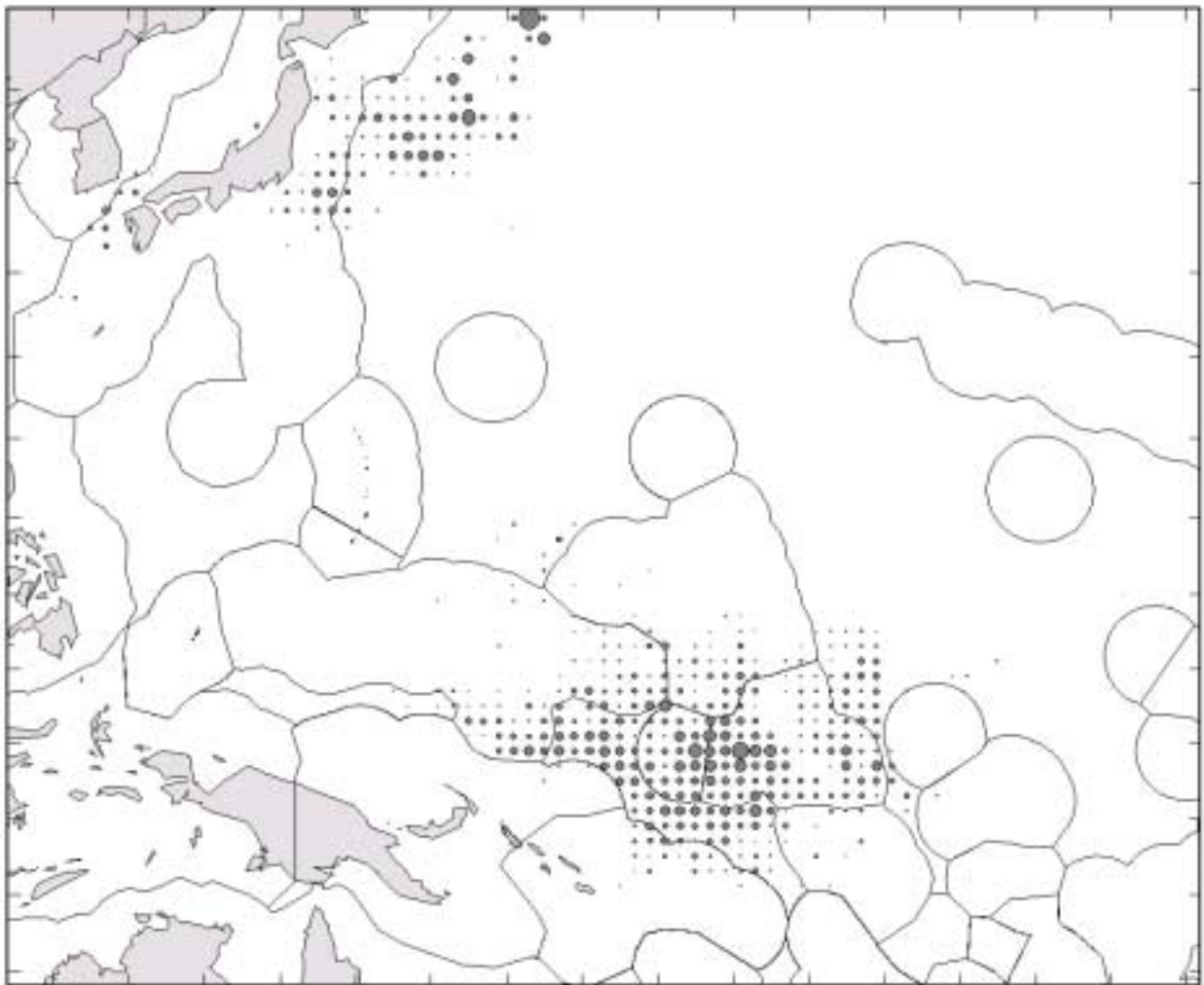


Figure 74. Japanese purse seiner catch in the WCPO, 2001

PURSE SEINE: KIRIBATI

Table 40. 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	...	5,544	22.33	72	2,076	6.73	27	99	...	1	...	7,719	29.38
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	5.01	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

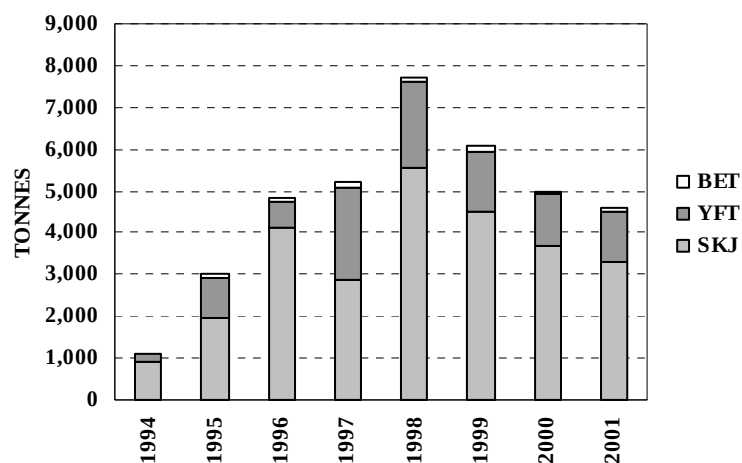


Figure 75. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Kiribati purse seiners

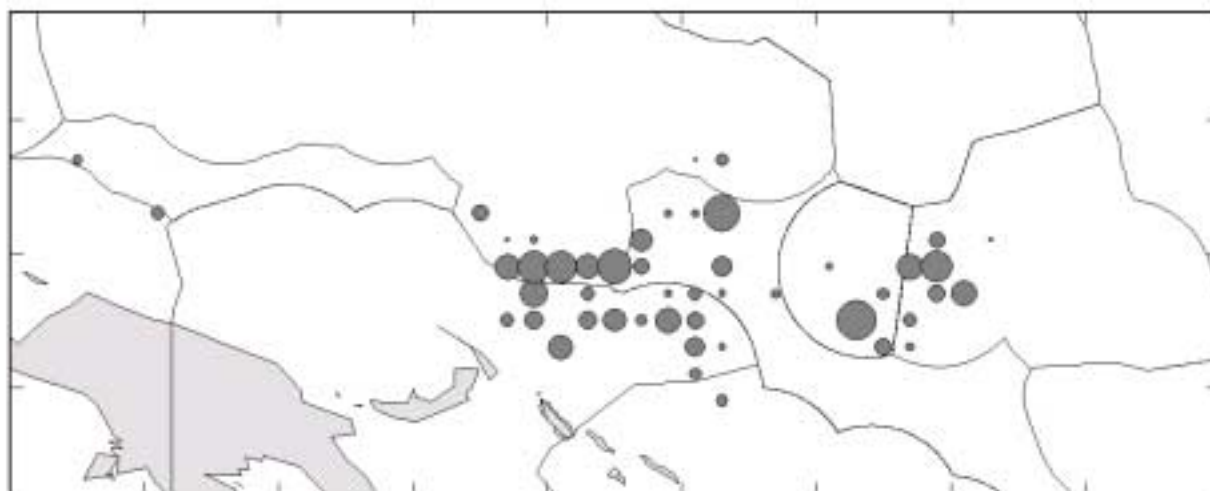


Figure 76. Kiribati purse seiner catch, 2001

PURSE SEINE: KOREA

Table 41. 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	16.32	76	35,308	6.33	22	2,197	...	1	...	158,973	23.05
1998	26	...	136,279	23.15	68	58,337	9.60	29	1,661	...	1	4,628	200,905	33.01
1999	26	...	110,317	16.38	78	29,804	4.54	21	1,725	...	1	...	141,846	21.14
2000	26	...	141,421	23.19	83	27,900	4.85	16	704	...	0	...	170,025	28.16
2001	26	...	143,716	21.63	81	33,869	6.20	19	487	...	0	...	178,072	27.92

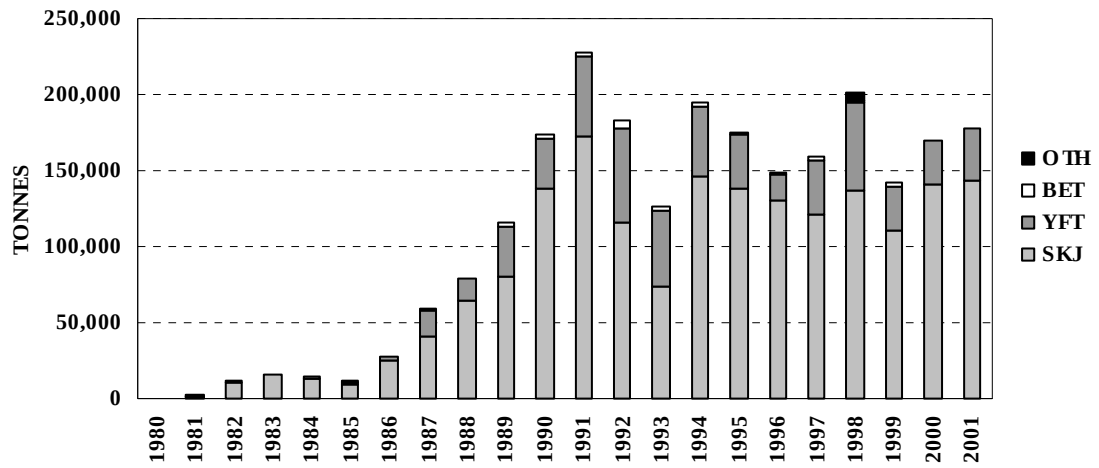


Figure 77. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Korean purse seiners

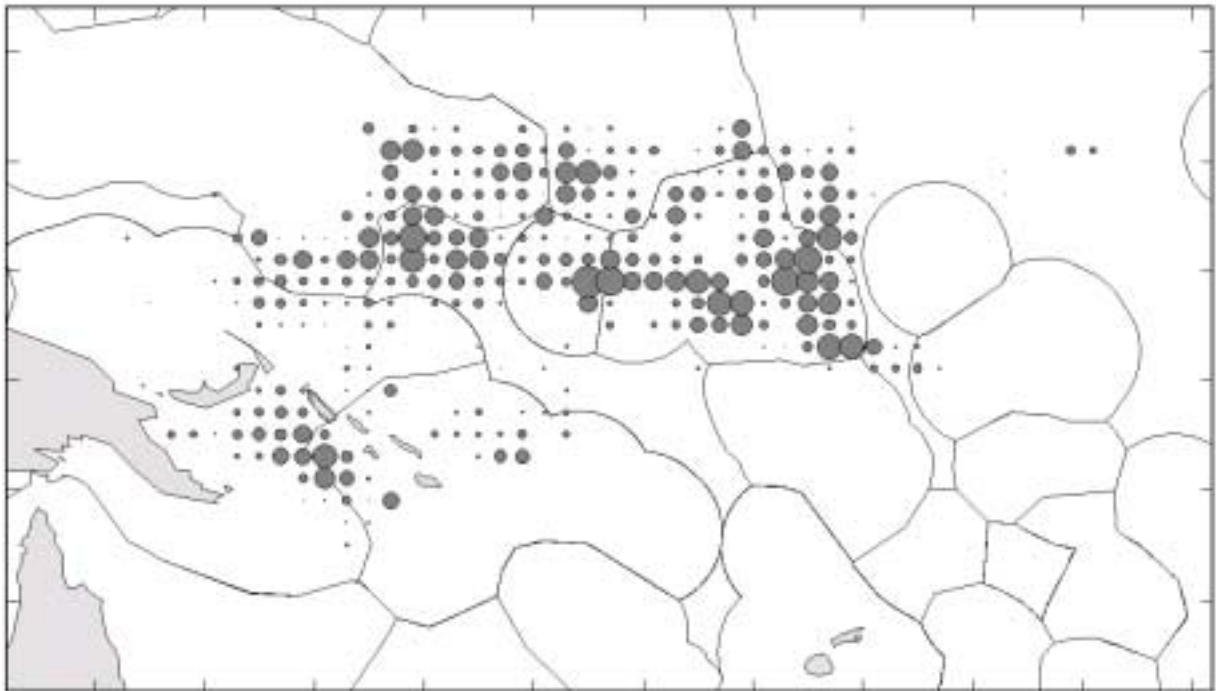


Figure 78. Korean purse seiner catch, 2001

PURSE SEINE: MARSHALL ISLANDS

Table 42. 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	...	6,715	25.30	88	905	3.44	12	35	...	0	...	7,655	28.87
2001	5	...	33,468	27.17	91	2,993	2.49	8	137	...	0	...	36,598	29.77

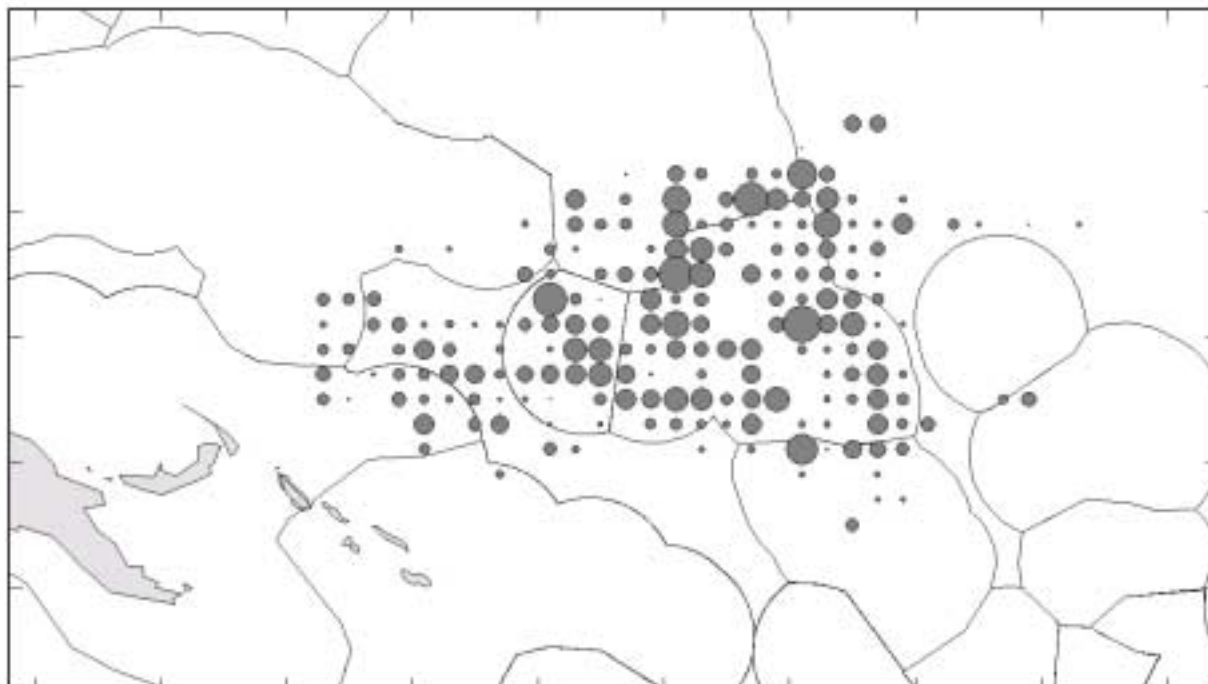


Figure 79. Marshall Islands purse seiner catch, 2001

PURSE SEINE: MEXICO

Table 43. 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

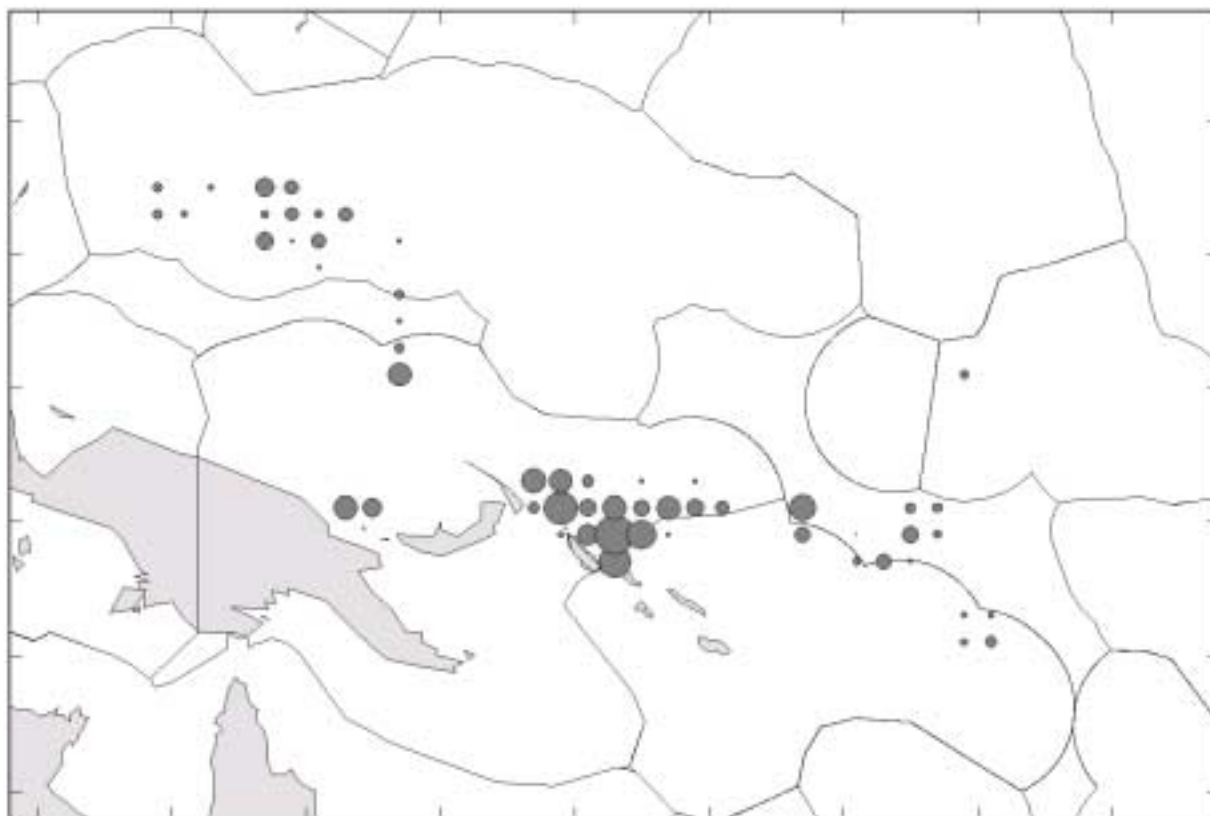


Figure 80. Mexican purse seiner catch, 1983 and 1984

PURSE SEINE: NEW ZEALAND

Table 44. 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	31.15	100	0	0.00	0	...	...	...	...	937	31.19
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	876	2.43	6	...	...	...	...	13,635	36.43
2001	11	...	8,300	24.05	93	667	3.43	7	...	...	...	...	8,967	27.48

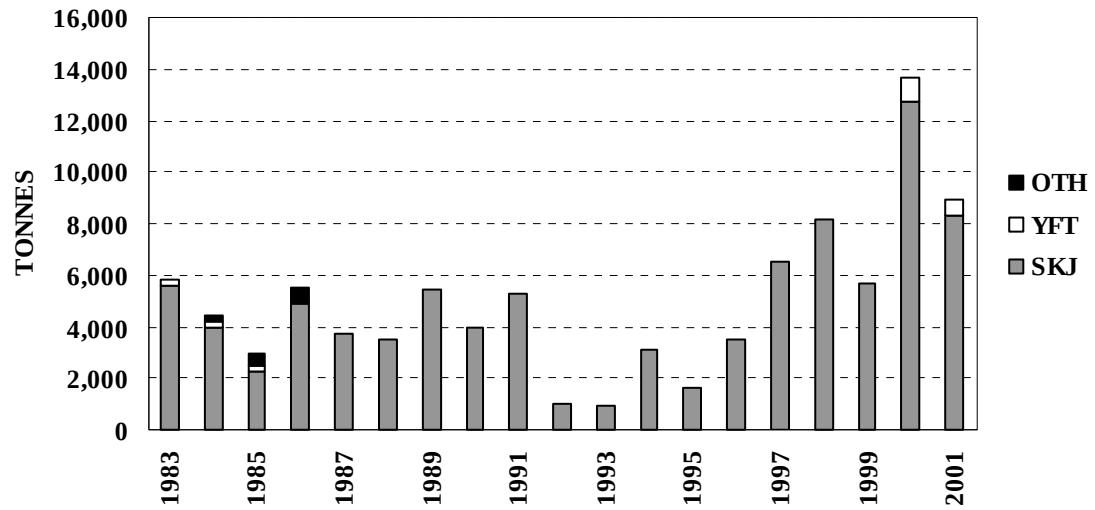


Figure 81. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and other species (OTH) by New Zealand purse seiners

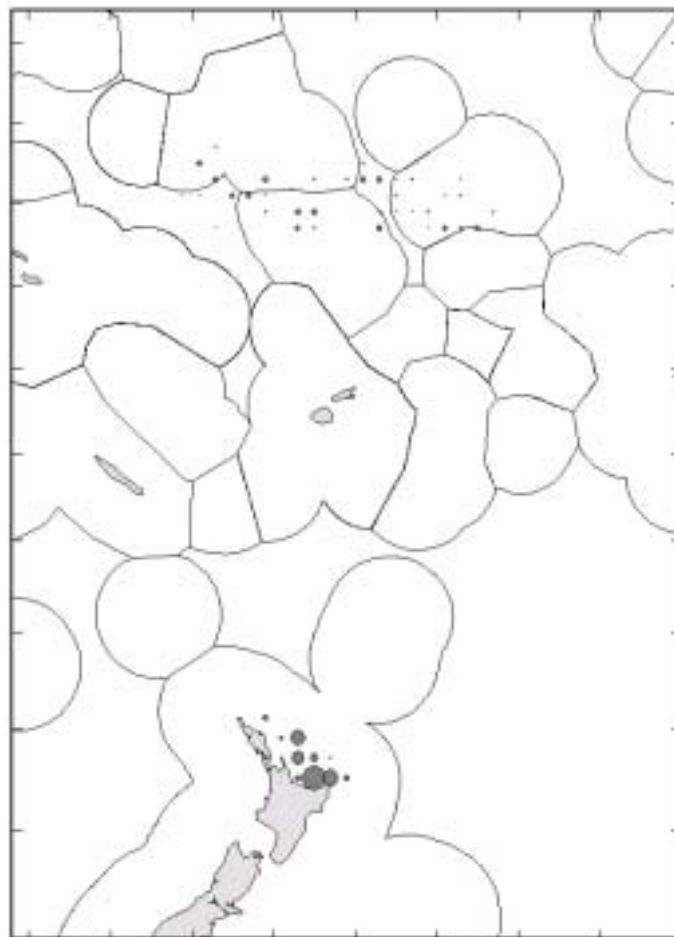


Figure 82. New Zealand purse seiner catch, 2000

PURSE SEINE: PAPUA NEW GUINEA

Table 45. 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	...	987	20.14	73	344	7.16	25	20	...	1	...	1,351	27.57
1995	3	...	9,811	13.47	78	2,573	4.21	20	142	...	1	120	12,646	18.47
1996	4	...	9,512	28.90	92	787	2.94	8	37	...	0	...	10,336	31.98
1997	10	...	11,270	5.38	60	6,579	3.06	35	1,004	...	5	39	18,892	8.90
1998	13	...	37,214	16.11	74	11,443	5.37	23	1,444	...	3	14	50,115	22.18
1999	17	...	29,949	15.70	75	7,385	4.32	18	968	...	2	1,758	40,060	21.44
2000	20	...	52,289	19.32	76	13,836	4.71	20	1,331	...	2	1,472	68,928	25.12
2001	22	...	64,355	15.46	69	23,986	5.53	26	4,744	...	5	68	93,153	21.51

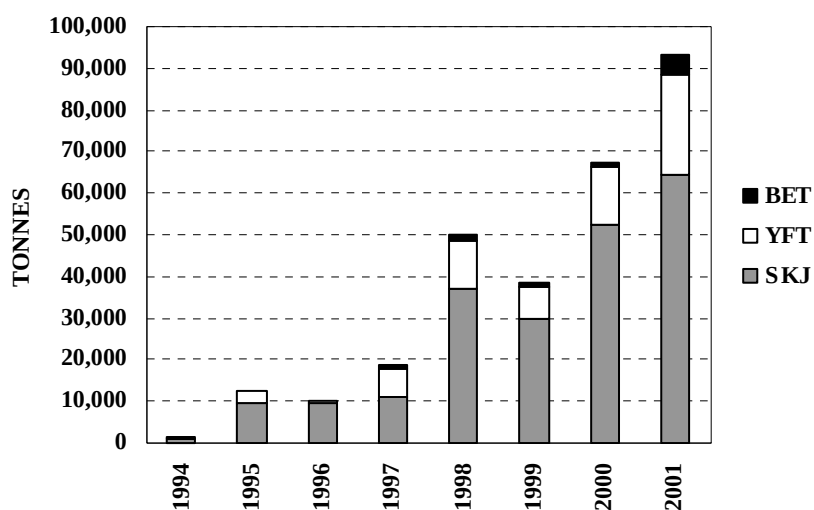


Figure 83. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Papua New Guinea purse seiners

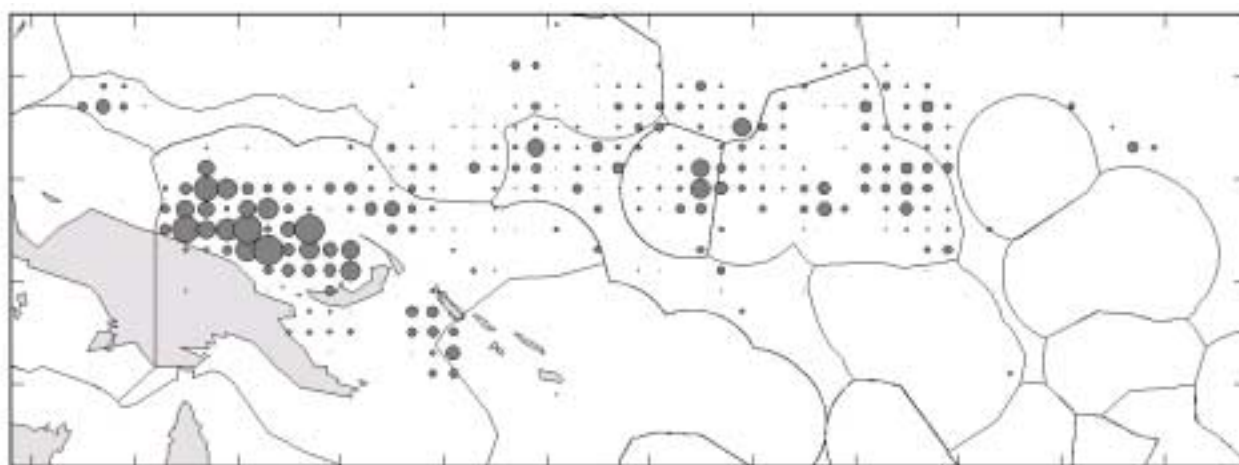


Figure 84. Papua New Guinea purse seiner catch, 2001

PURSE SEINE: PHILIPPINES

Table 46. 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	CATCH	CPUE
1982	1	118	766	6.49	58	414	3.51	31	61	...	5	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	12	...	32,071	9.82	73	10,793	2.53	25	990	...	2	...	43,854	12.59
1999	12	...	28,263	11.66	80	6,557	2.78	18	631	0.32	2	12	35,463	14.84
2000	7	...	21,102	11.71	74	6,615	2.81	23	625	0.32	2	13	28,355	14.89
2001	11	...	7,686	7.99	62	4,228	4.93	34	380	...	3	11	12,305	13.58

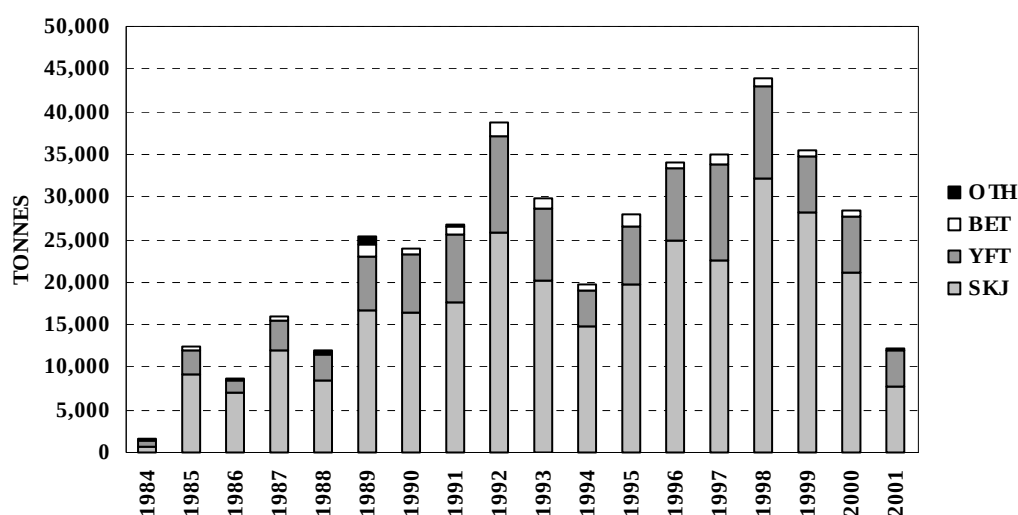


Figure 85. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Philippines distant-water purse seiners

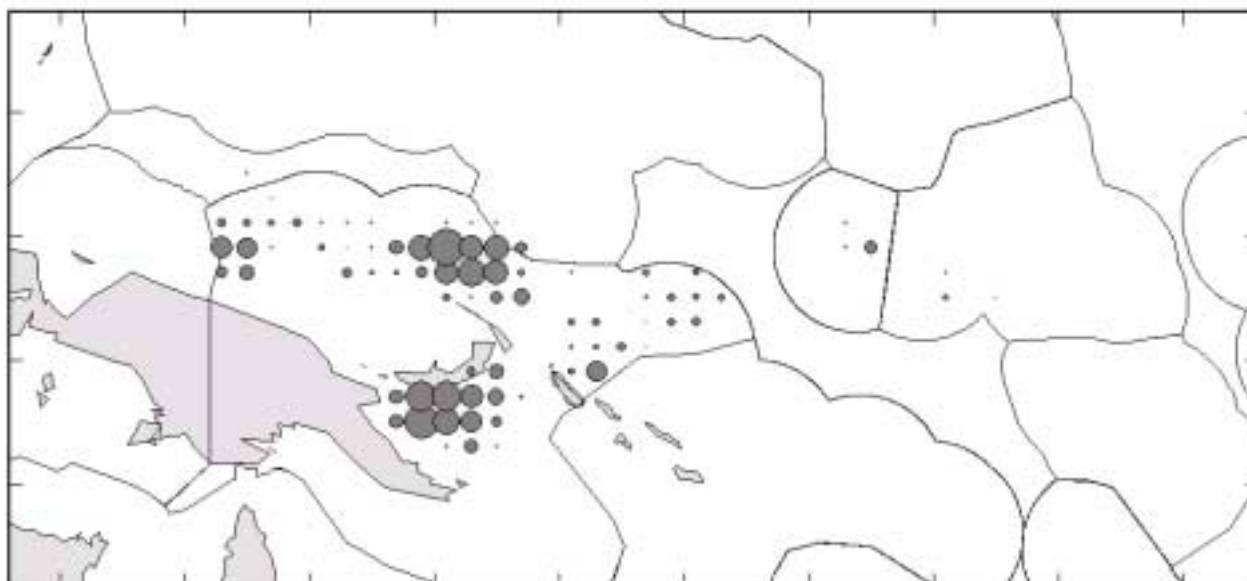


Figure 86. Philippines distant-water purse seiner catch, 2001

PURSE SEINE: RUSSIA

Table 47. 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

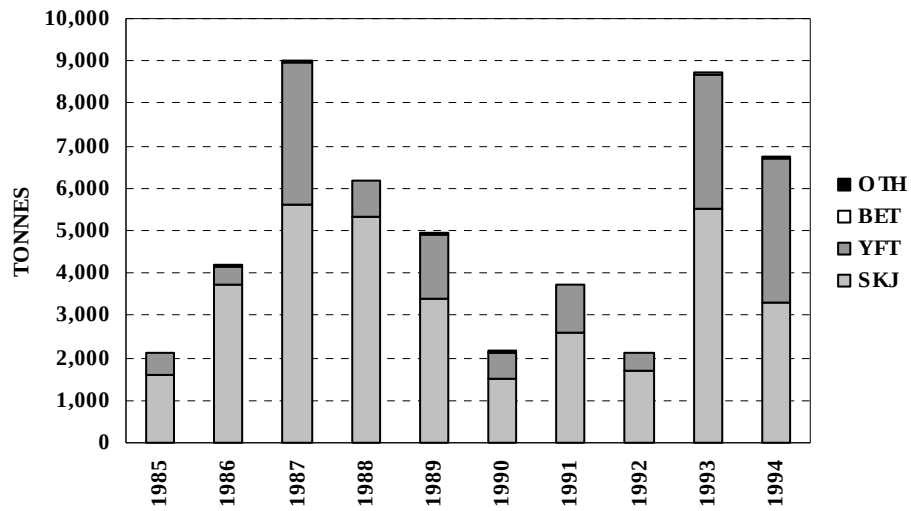


Figure 87. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Russian purse seiners in the WCPO

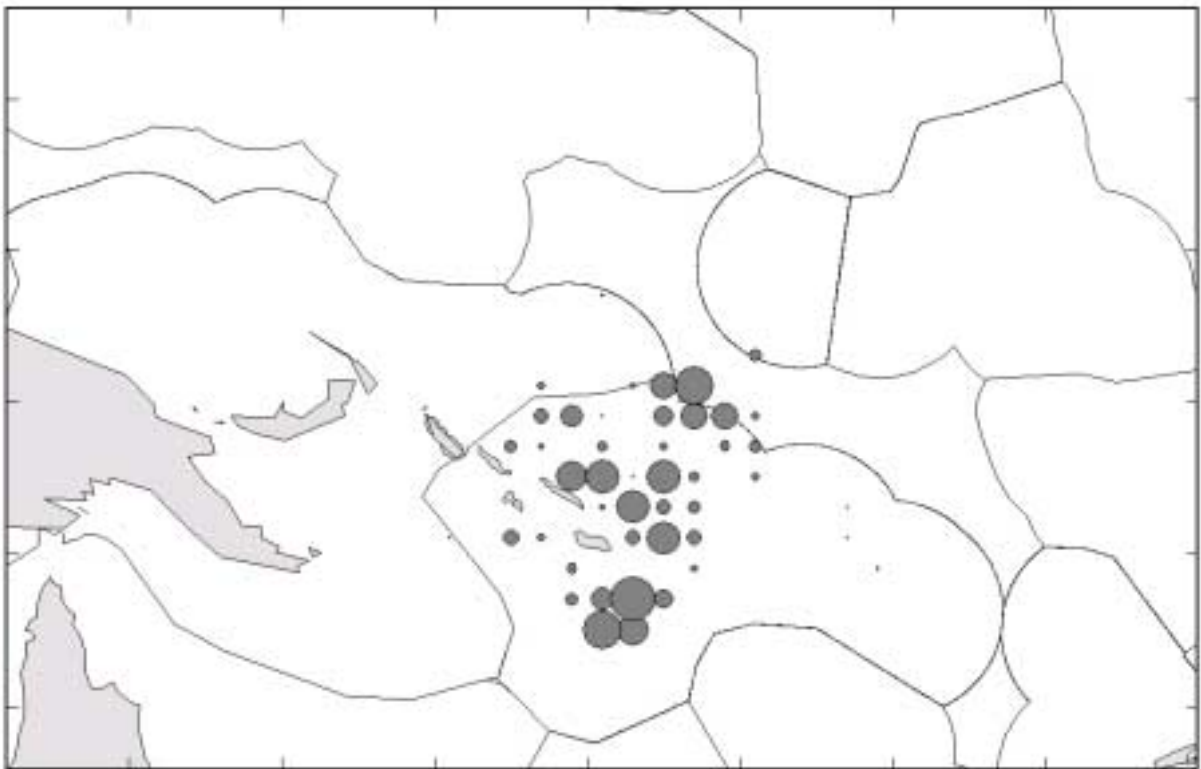


Figure 88. Russian purse seiner catch, 1994

PURSE SEINE: SOLOMON ISLANDS

Table 48. 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	6,242	7.47	27	506	0.61	2	18	23,339	27.92
1999	5	1,000	17,291	17.29	68	7,328	7.33	29	601	0.60	2	150	25,370	25.37
2000	5	327	6,159	18.83	68	2,639	8.07	29	213	0.65	2	95	9,106	27.85
2001	2	452	8,022	17.75	63	4,331	9.58	34	390	0.86	3	0	12,743	28.19

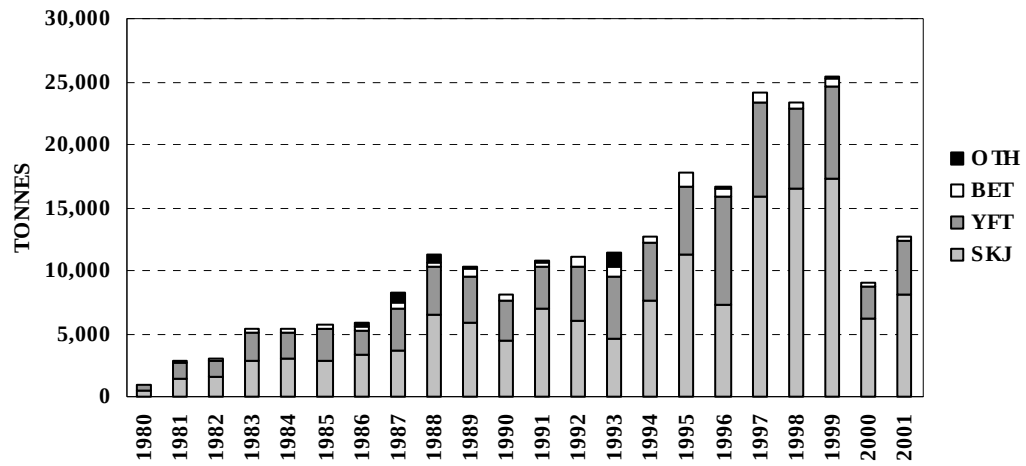


Figure 89. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Solomon Islands purse seiners

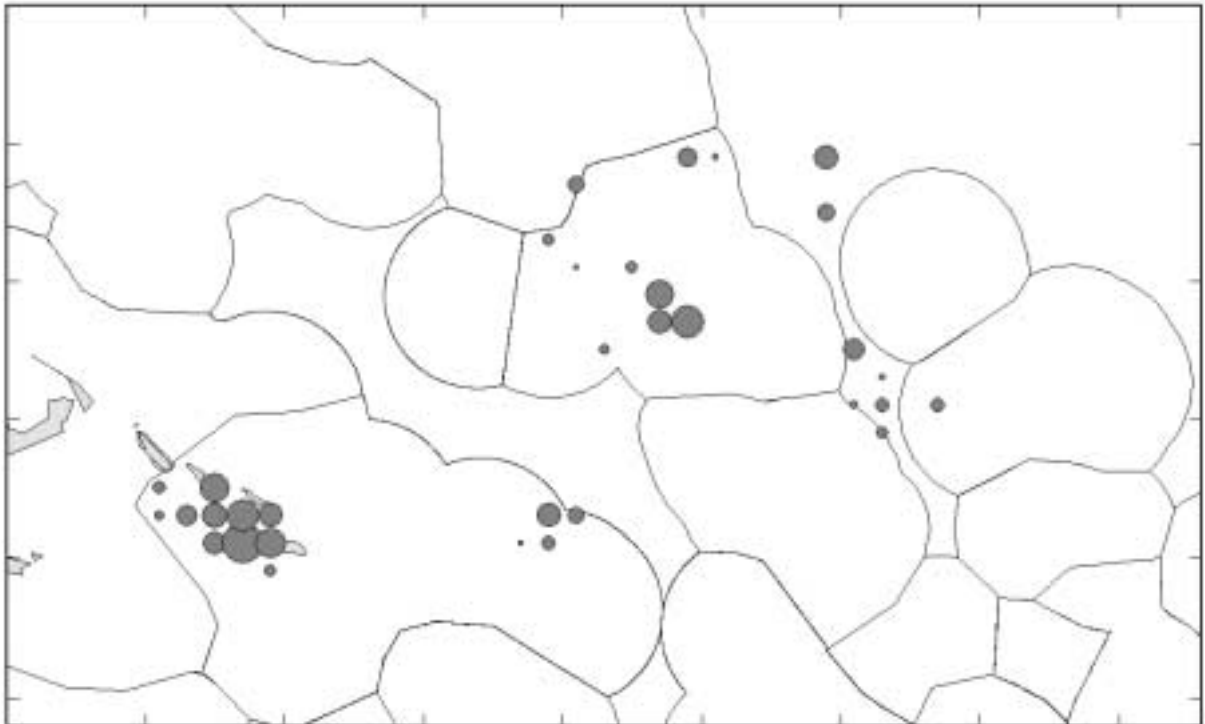


Figure 90. Solomon Islands purse seiner catch, 2001

PURSE SEINE: SPAIN

Table 49. 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	...

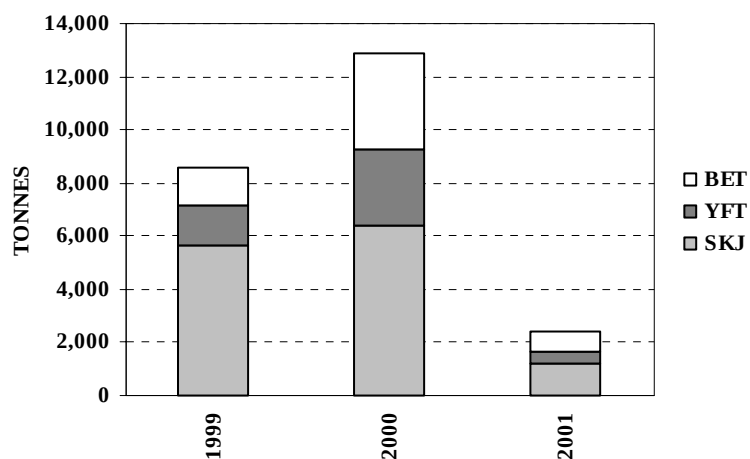


Figure 91. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT), bigeye (BET) and other species (OTH) by Spanish purse seiners in the WCPO

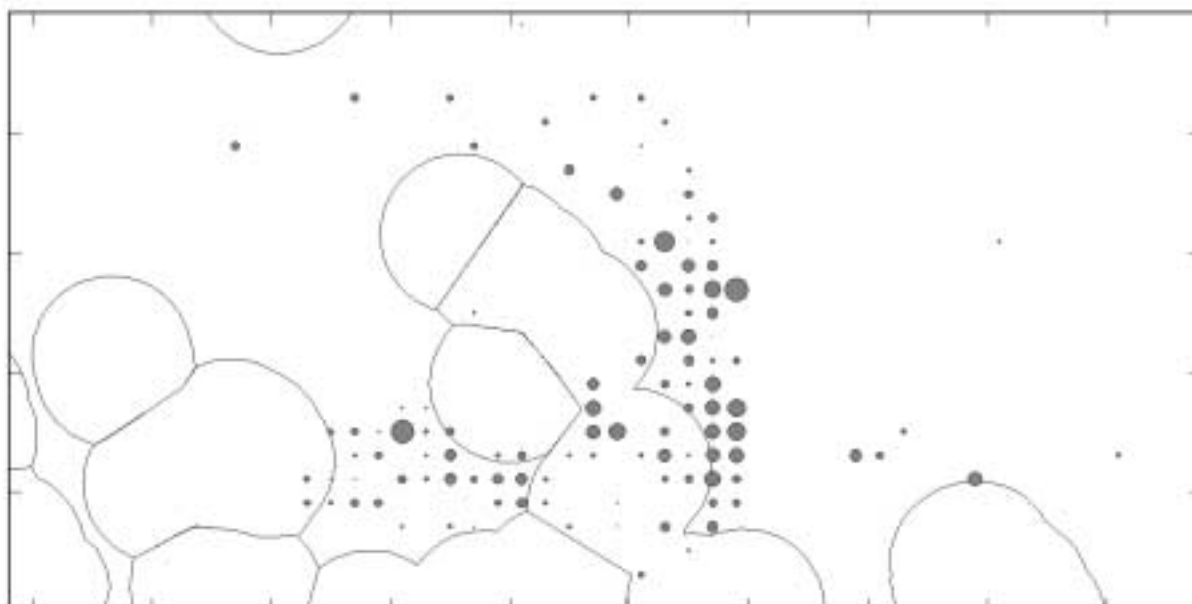


Figure 92. Spanish purse seiner catch in the WCPO, 2000

PURSE SEINE: TAIWAN

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	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	10.24	64	58,642	4.45	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	16.15	81	33,156	3.66	18	1,508	...	1	...	182,495	19.99
1996	42	...	161,407	17.41	90	16,951	1.34	9	797	...	0	...	179,155	18.82
1997	42	...	116,073	12.30	69	48,189	4.85	29	2,934	...	2	...	167,196	17.47
1998	42	...	193,728	21.31	75	63,581	7.07	25	1,384	...	1	...	258,693	28.57
1999	42	...	160,453	15.98	78	41,905	4.03	20	3,372	...	2	...	205,730	20.36
2000	42	...	194,499	21.62	83	38,579	4.20	16	1,900	...	1	...	234,978	25.95
2001	41	...	182,531	21.83	79	45,853	5.39	20	2,284	...	1	...	230,668	27.38

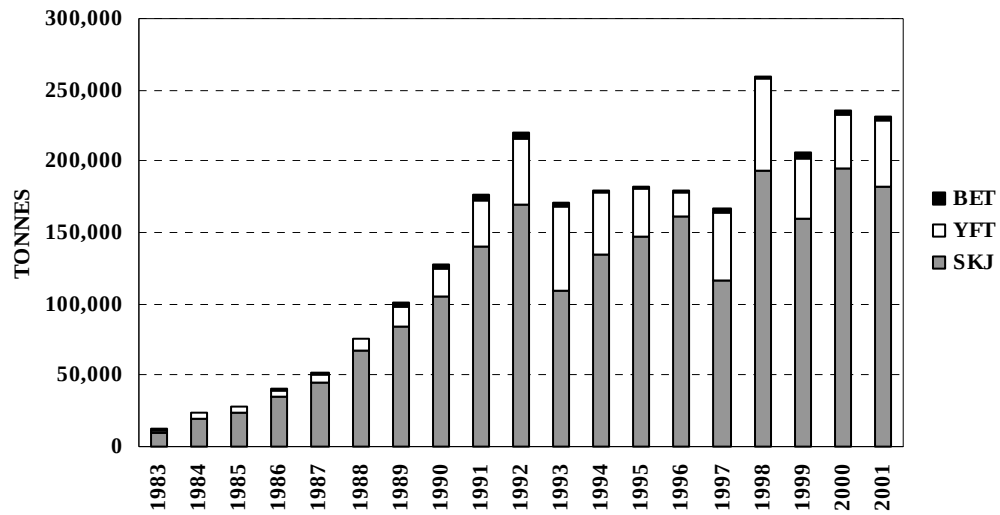


Figure 93. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Taiwanese purse seiners

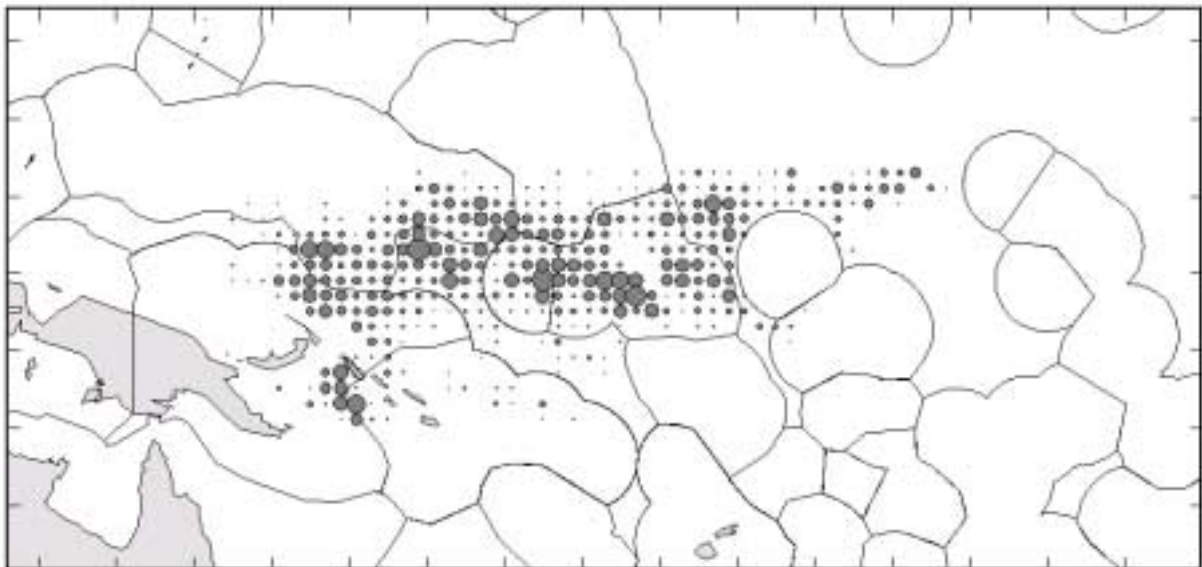


Figure 94. Taiwanese purse seiner catch, 2001

PURSE SEINE: UNITED STATES OF AMERICA

Table 51. 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	37,530	6.74	21	5,525	...	3	...	174,628	28.38
1999	36	...	129,262	26.77	71	35,820	7.34	20	17,403	...	10	...	182,485	34.11
2000	33	...	80,272	21.01	64	32,126	6.28	26	12,953	...	10	...	125,351	27.29
2001	31	...	85,436	20.18	74	23,430	4.90	20	6,658	...	6	...	115,524	25.08

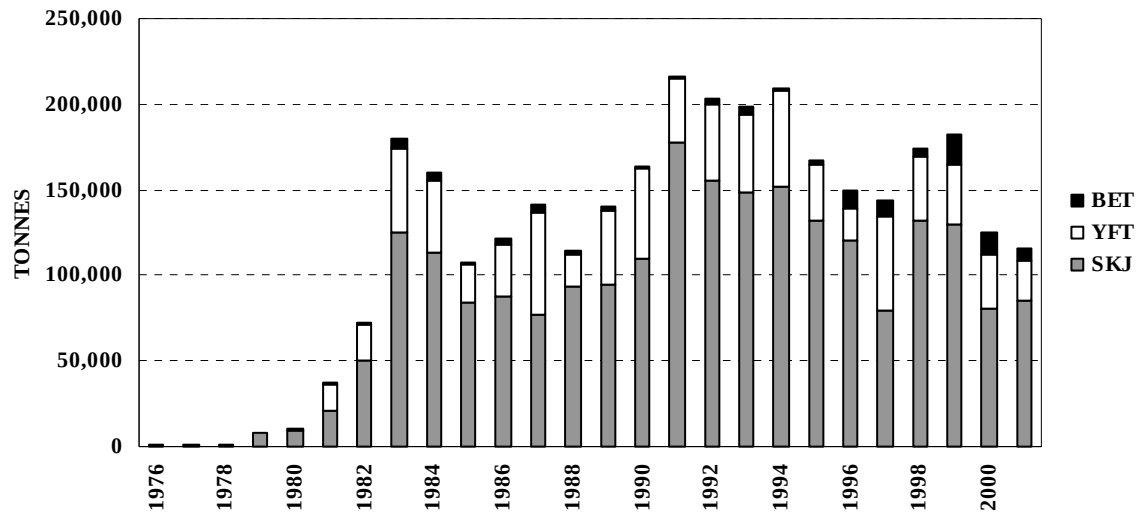


Figure 95. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by United States purse seiners in the WCPO

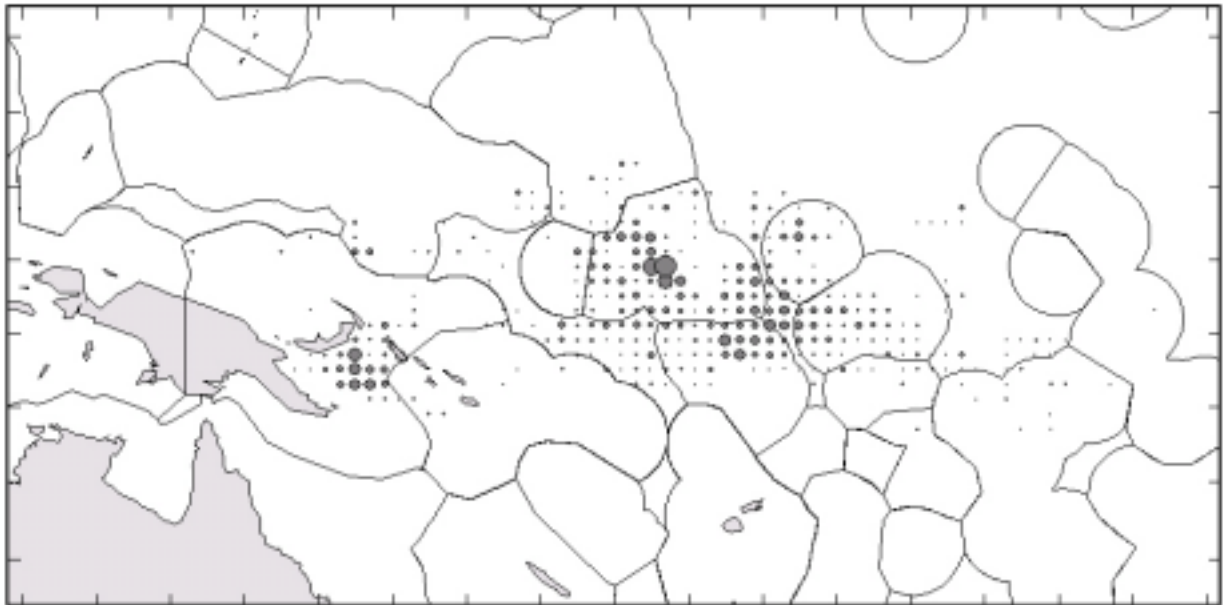


Figure 96. United States purse seiner catch in the WCPO, 2001

PURSE SEINE: VANUATU

Table 52. 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
2001	...	...	...	...	...	...	...	...	...	...	...	...	...	...

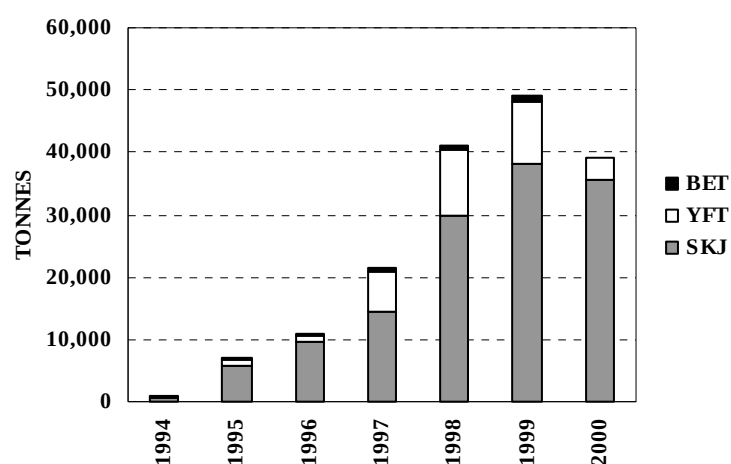


Figure 97. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by purse seiners of Vanuatu in the WCPO

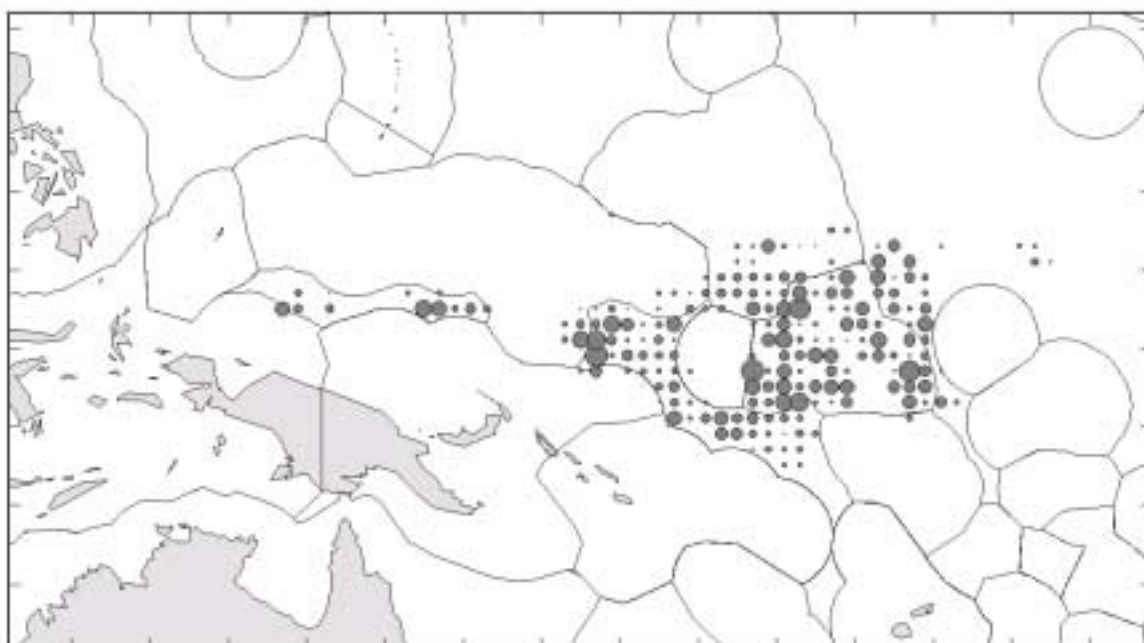
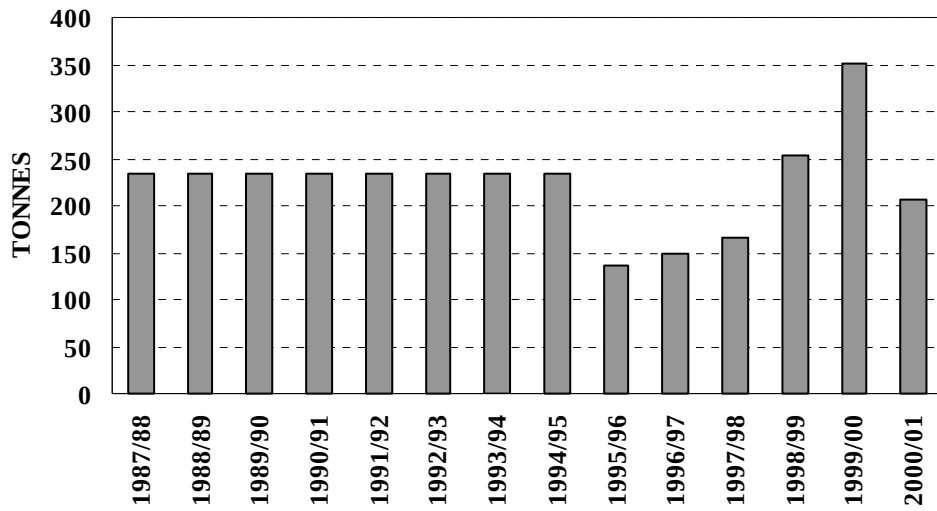


Figure 98. Vanuatu purse seiner catch in the WCPO, 2000

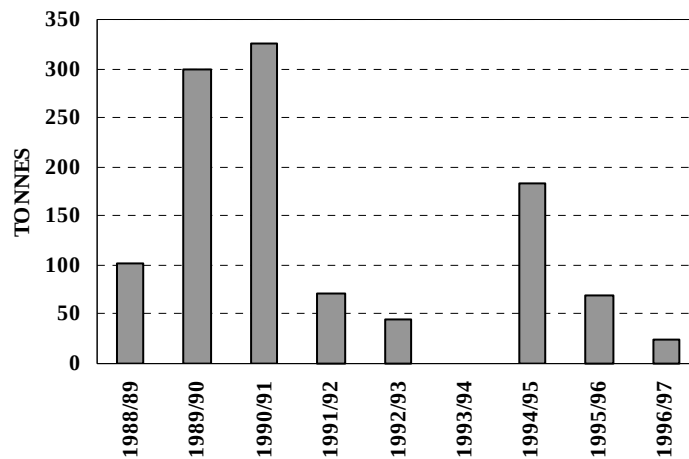
TROLL: CANADA**Table 53. Albacore catches (tonnes) and catch per unit of effort (number of fish per day) for Canadian trollers**

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

**Figure 99. Seasonal catches (tonnes) of albacore by Canadian trollers**

TROLL: FRENCH POLYNESIA**Table 54. 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 100. Seasonal catches (tonnes) of albacore by French Polynesian trollers**

TROLL: NEW ZEALAND**Table 55. 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	...

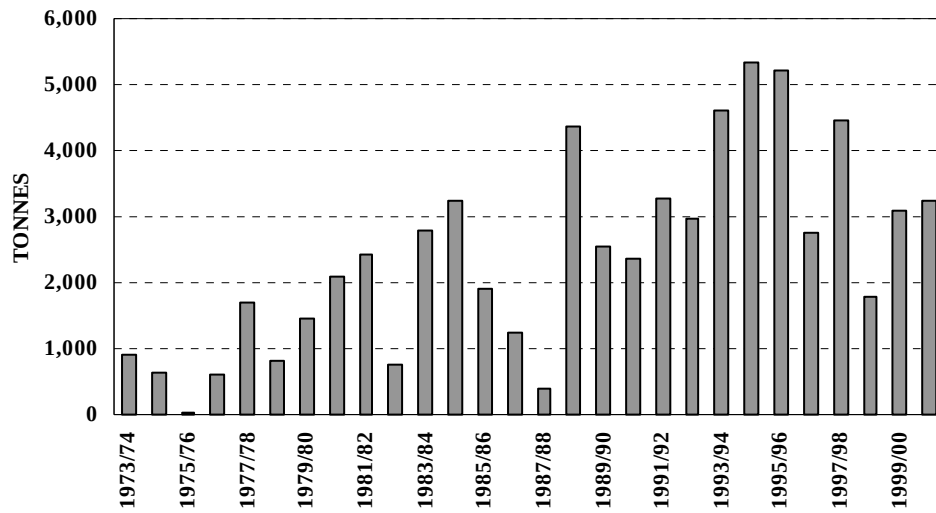


Figure 101. Seasonal catches (tonnes) of albacore by New Zealand trollers

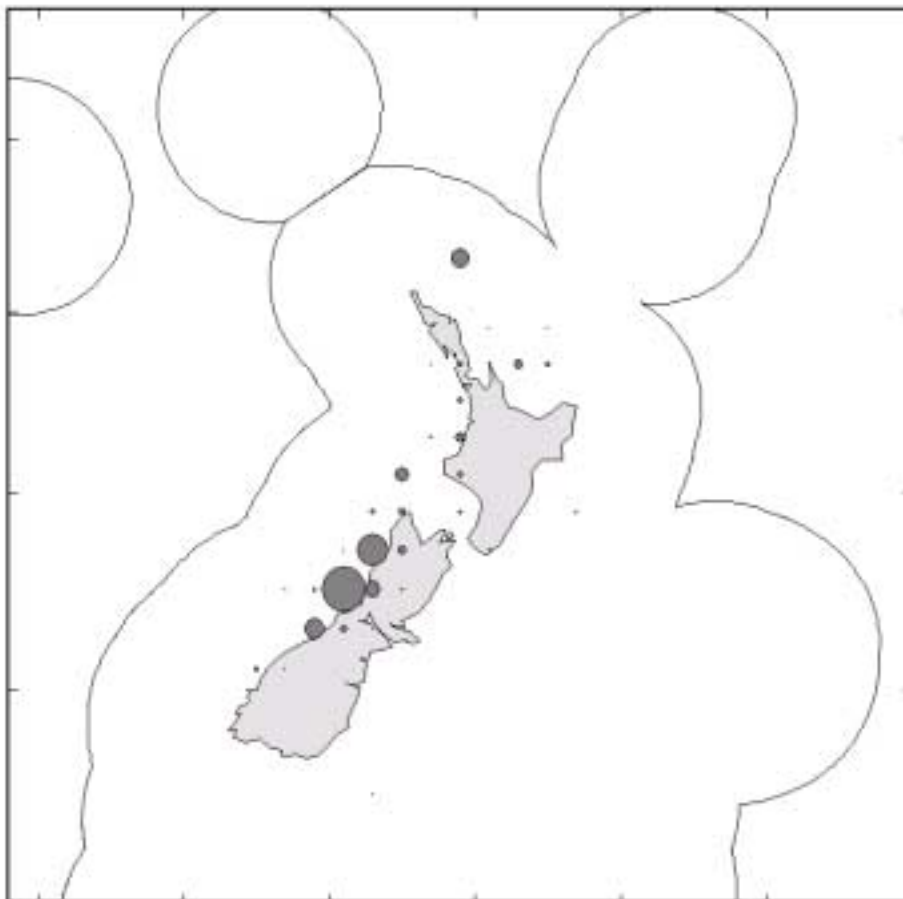


Figure 102. New Zealand troller catch, 2000

TROLL: UNITED STATES OF AMERICA

Table 56. 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	83
1986/87	7	...	751	204
1987/88	43	...	3,485	191
1988/89	42	...	2,994	134
1989/90	39	...	3,995	186
1990/91	54	...	5,158	123
1991/92	54	...	3,083	79
1992/93	44	...	1,036	49
1993/94	13	...	2,477	98
1994/95	21	...	1,959	170
1995/96	53	...	2,206	71
1996/97	27	...	1,617	78
1997/98	37	...	1,701	53
1998/99	21	...	1,241	77
1999/00	36	...	2,562	70
2000/01	33	...	2,128	...

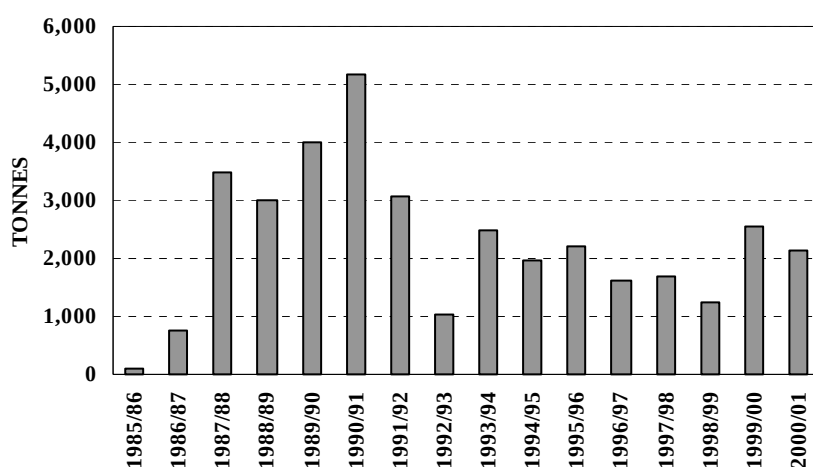


Figure 103. Seasonal catches (tonnes) of albacore by United States trollers in the South Pacific

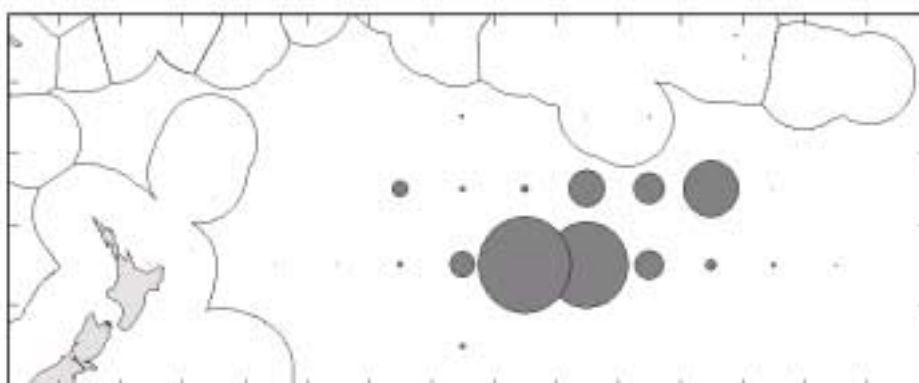


Figure 104. United States troller catch in the South Pacific, 2001

DOMESTIC FISHERIES OF INDONESIA

Table 57. 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	87,449	...	...	9,911	19,361	116,721
1992	82,149	...	...	11,705	43,998	137,852
1993	84,964	...	...	10,895	32,452	128,311
1994	97,404	...	...	11,518	26,730	135,652
1995	100,542	...	...	11,889	27,591	140,022
1996	111,062	...	...	13,133	30,478	154,673
1997	108,927	...	...	12,881	29,892	151,700
1998	139,838	...	...	16,536	38,375	194,749
1999	151,224	...	...	17,882	41,500	210,606
2000	154,850	...	...	18,311	42,495	215,656
2001	...	...	...	...	...	...

Table 58. 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	4,925	3,505	5,538	2,250	31,013	47,231
1992	6,965	6,376	8,301	2,881	48,153	72,676
1993	5,692	5,210	6,459	4,686	39,344	61,391
1994	7,125	7,634	5,710	5,989	46,016	72,474
1995	7,934	8,500	6,358	6,668	51,236	80,696
1996	9,077	9,726	7,275	7,629	58,625	92,332
1997	8,953	9,592	7,175	7,525	57,820	91,065
1998	12,446	13,334	9,974	10,461	80,383	126,598
1999	10,795	11,565	8,650	9,072	69,710	109,792
2000	12,931	13,853	10,362	10,868	83,511	131,525
2001	...	...	...	...	...	...

Table 59. 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	547	330	521	250	3,446	5,094
1992	774	600	781	320	5,350	7,825
1993	632	490	608	521	4,372	6,623
1994	792	718	537	665	5,113	7,825
1995	882	800	598	741	5,693	8,714
1996	1,009	915	684	848	6,514	9,970
1997	995	903	675	836	6,424	9,833
1998	1,383	1,255	938	1,162	8,931	13,669
1999	1,199	1,088	814	1,008	7,746	11,855
2000	1,437	1,304	975	1,208	9,279	14,203
2001	...	...	...	...	...	...

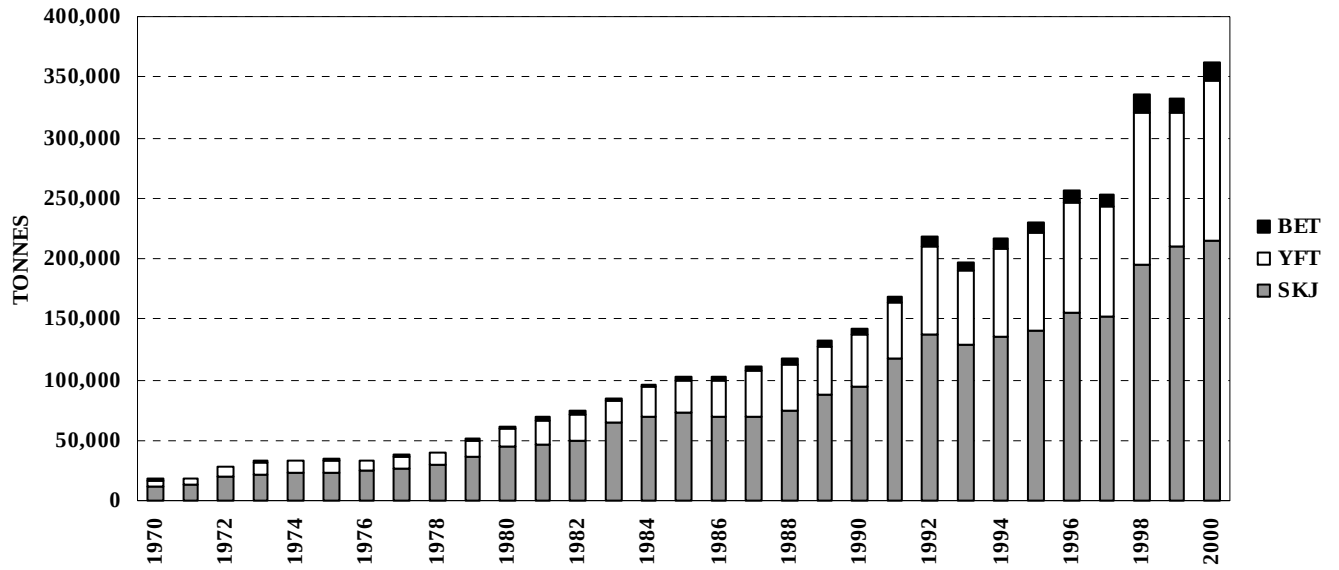


Figure 105. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Indonesian domestic fisheries in the WCPO

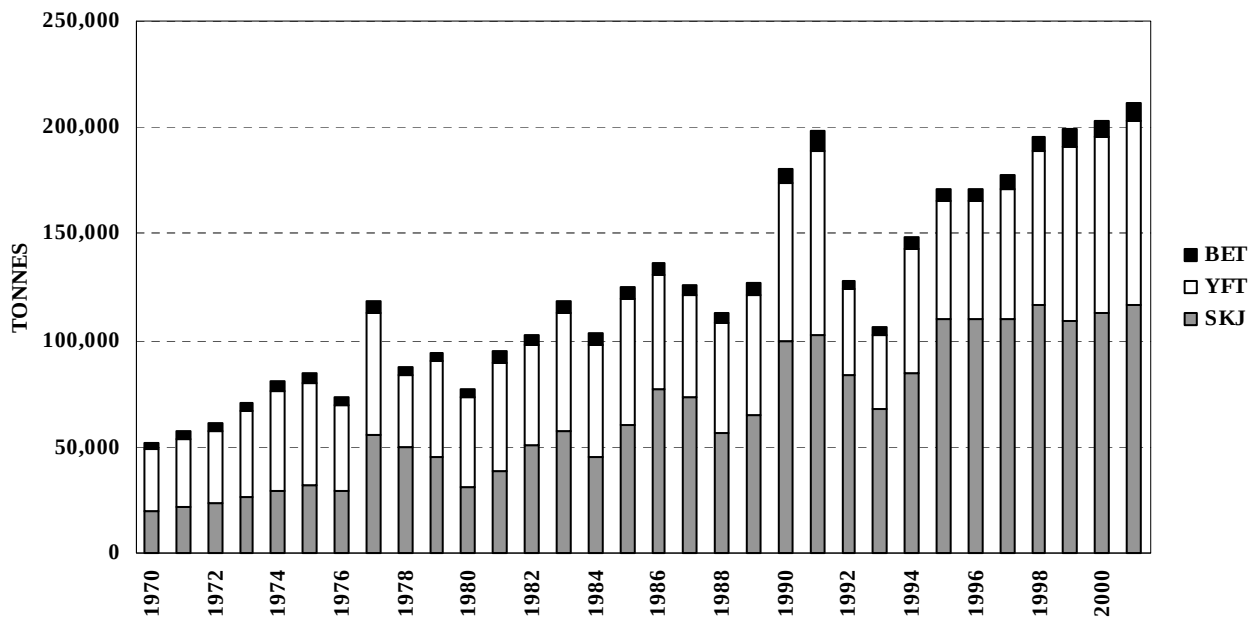


Figure 106. Catches (tonnes) of skipjack (SKJ), yellowfin (YFT) and bigeye (BET) by Philippines domestic fisheries

DOMESTIC FISHERIES OF THE PHILIPPINES

Table 60. 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	1,273	12,339	800	64,777	32,996	4,488	116,673
1999	1,120	10,856	704	56,990	29,029	10,079	108,778
2000	1,248	12,097	784	63,505	32,348	3,029	113,011
2001	1,243	12,055	782	63,283	32,235	7,401	116,999

Table 61. 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	2,318	50,612	1,885	20,810	5,390	4,982	85,997

Table 62. 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	258	4,762	177	2,312	592	554	8,655

NUMBERS OF VESSELS ACTIVE IN THE WCPO

Table 63. 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 JV	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	2	11	48	65	(293)	738
1996	12	119	-	325	3	9	42	59	(293)	711
1997	21	137	-	144	...	15	34	60	(293)	698
1998	25	156	-	124	1	23	39	54	(293)	712
1999	28	145	-	115	2	27	43	57	(293)	(712)
2000	37	140	-	106	...	26	55	57	(293)	(712)
2001	67	197	-	(104)	...	23	101	57	(293)	(712)

Table 63 (continued). Longliners active in the WCPO

YEAR	JAPAN DISTANT- WATER	JAPAN OFFSHORE	KIRIBATI	KOREA	MARSHALL ISLANDS	NEW CALEDONIA	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES	SAMOA
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	-	121	-	-	-	-	61	-
1983	747	523	-	102	-	1	-	-	62	-
1984	810	478	-	96	-	2	-	-	62	-
1985	823	476	-	94	-	3	-	-	55	-
1986	818	442	-	134	-	2	-	-	41	-
1987	819	398	-	138	-	3	-	-	62	-
1988	807	385	-	124	-	4	-	-	27	-
1989	806	353	-	152	-	4	...	-	3	-
1990	791	362	-	182	-	7	13	-	26	-
1991	790	332	-	220	-	6	22	-	12	-
1992	768	302	-	166	2	4	27	-	10	-
1993	767	272	-	148	5	4	42	1	10	17
1994	749	255	-	160	2	5	59	4	10	25
1995	744	222	1	154	4	8	93	11	10	45
1996	703	200	1	156	...	8	82	7	10	90
1997	695	180	...	148	-	9	62	8	(10)	170
1998	679	164	...	169	-	11	86	8	(10)	200
1999	528	146	...	171	-	13	92	11	(10)	175
2000	(528)	(146)	...	176	-	14	112	25	(10)	154
2001	(528)	(146)	...	(176)	-	18	132	38	(10)	148

Table 63 (continued). Longliners active in the WCPO

YEAR	SOLOMON ISLANDS	TAIWAN DISTANT-WATER	TAIWAN OFFSHORE W OF 130E	TAIWAN OFFSHORE E OF 130E	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	130	-	4,633
1993	-	72	1,791	254	6	129	-	5,182
1994	-	67	1,753	355	5	142	-	5,435
1995	9	62	1,603	366	7	126	2	5,179
1996	13	56	1,274	420	7	115	3	4,718
1997	18	53	1,877	361	8	118	1	5,120
1998	21	64	1,712	281	10	121	1	4,964
1999	16	65	1,696	281	13	133	...	4,060
2000	14	78	(1,696)	284	14	133	...	4,098
2001	8	101	(1,696)	(284)	21	130	...	4,278

Table 64. 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	80	(820)	382	62	101	-	-	2
1999	4	1	74	(820)	(382)	56	103	-	-	5
2000	4	1	63	(820)	(382)	(56)	(103)	-	-	4
2001	2	2	60	(820)	(382)	(56)	(103)	-	-	3

Table 64 (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	1,490
1999	...	-	27	-	7	1,479
2000	...	-	18	-	7	1,458
2001	...	-	12	-	6	1,446

Table 65. 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 DW & OFFSHORE	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	...	-	(20)	35	1
2000	8	-	-	7	...	-	(20)	(35)	1
2001	3	-	1	5	...	-	(20)	(35)	1

Table 65 (continued). Purse seiners active in the WCPO

YEAR	KOREA	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PS & RING	PHILIPPINES DISTANT-WATER	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	2	-	-	...	-	570	-	-	1
1981	3	-	-	...	-	697	-	-	1
1982	10	-	-	...	-	785	1	-	1
1983	11	-	-	7	-	686	-	-	1
1984	12	-	1	5	-	712	3	-	1
1985	11	-	5	5	-	724	5	5	1
1986	13	-	-	4	-	685	5	8	1
1987	20	-	-	3	-	813	5	5	2
1988	23	-	-	4	-	779	9	5	4
1989	30	-	-	1	-	198	13	5	4
1990	39	-	-	9	-	549	13	5	4
1991	36	-	-	6	-	546	15	4	3
1992	36	-	-	7	-	407	12	3	3
1993	34	-	-	5	-	399	12	8	3
1994	32	-	-	7	2	(399)	11	4	3
1995	30	-	-	6	3	(399)	13	...	3
1996	28	-	-	6	4	(399)	12	...	3
1997	27	-	-	7	10	(399)	12	...	4
1998	26	-	-	6	13	(399)	12	...	4
1999	26	-	-	6	17	(399)	12	...	5
2000	26	5	-	8	20	(399)	7	...	5
2001	26	5	-	11	22	(399)	11	...	2

Table 65 (continued). Purse seiners active in the WCPO

YEAR	SPAIN	TAIWAN	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	609
1999	8	42	36	7	624
2000	12	42	33	7	635
2001	6	(42)	31	...	620

ALBACORE IN THE SOUTH PACIFIC

Table 66. 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 JV	CHINA	COOK ISLANDS	FIJI ISLANDS	FRENCH POLYNESIA	JAPAN	KOREA	NEW CALEDONIA
1950	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	154	-	-
1953	-	-	-	-	-	-	-	803	-	-
1954	-	-	-	-	-	-	-	9,578	-	-
1955	-	-	-	-	-	-	-	8,625	-	-
1956	-	-	-	-	-	-	-	7,281	-	-
1957	-	-	-	-	-	-	-	8,757	-	-
1958	-	-	-	-	-	-	-	18,490	146	-
1959	-	-	-	-	-	-	-	17,385	456	-
1960	-	-	-	-	-	-	-	21,638	610	-
1961	-	-	-	-	-	-	-	23,412	330	-
1962	-	-	-	-	-	-	-	34,620	599	-
1963	-	-	-	-	-	-	-	29,120	1,367	-
1964	-	-	-	-	-	-	-	19,390	2,911	-
1965	-	-	-	-	-	-	-	17,793	6,405	-
1966	-	-	-	-	-	-	-	21,627	10,817	-
1967	-	-	-	-	-	-	-	15,104	13,717	-
1968	-	-	-	-	-	-	-	6,659	10,138	-
1969	-	-	-	-	-	-	-	4,894	9,963	-
1970	-	-	-	-	-	-	-	6,507	11,599	-
1971	-	-	-	-	-	-	-	4,355	14,482	-
1972	-	-	-	-	-	-	-	2,729	14,439	-
1973	-	-	-	-	-	-	-	2,452	17,452	-
1974	-	-	-	-	-	-	-	1,934	12,194	-
1975	-	-	-	-	-	-	-	1,060	9,015	-
1976	-	-	-	-	-	-	-	1,836	9,058	-
1977	-	-	-	-	-	-	-	2,182	11,229	-
1978	-	-	-	-	-	-	-	2,489	11,658	-
1979	-	-	-	-	-	-	-	2,320	11,411	-
1980	-	-	-	-	-	-	-	2,555	10,449	-
1981	-	-	-	-	-	-	-	4,898	13,342	-
1982	-	-	-	-	-	-	-	4,822	10,769	-
1983	-	-	-	-	-	-	-	4,991	7,069	12
1984	-	-	-	-	-	-	-	3,598	5,321	112
1985	-	0	-	-	-	-	-	3,676	13,544	131
1986	-	0	-	-	-	-	-	4,466	15,877	179
1987	-	129	-	-	-	-	-	4,103	6,821	563
1988	1	107	-	0	-	-	-	6,914	6,563	584
1989	1	93	463	0	-	3	-	4,890	5,151	566
1990	1	124	145	4	-	68	20	5,321	3,947	1,053
1991	1	158	67	0	-	208	100	4,633	1,866	909
1992	1	214	106	0	-	243	195	5,162	2,271	692
1993	1	186	126	1	-	463	714	8,168	1,083	755
1994	1	357	43	8	21	842	913	8,840	+	840
1995	1	438	19	5	32	702	772	7,331	8	332
1996	86	408	-	8	14	1,446	1,463	4,538	215	414
1997	309	302	-	2	...	1,842	2,595	5,094	845	277
1998	446	460	-	1	...	2,121	3,189	6,955	3,514	860
1999	338	359	-	3,473	...	2,279	2,580	7,405	1,552	690
2000	624	381	-	2,056	...	6,065	3,473	4,669	916	895
2001	3,253	570	-	2,711	...	7,971	4,261	(4,669)	(916)	1,020

Table 66 (continued). Longline catches (tonnes) of albacore in the South Pacific

YEAR	NEW ZEALAND	PAPUA NEW GUINEA	SAMOA	SOLOMON ISLANDS	TAIWAN 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	-	-	-	-	...	-	-	-	18,636
1959	-	-	-	-	...	-	-	-	17,841
1960	-	-	-	-	...	-	-	-	22,248
1961	-	-	-	-	...	-	-	-	23,742
1962	-	-	-	-	...	-	-	-	35,219
1963	-	-	-	-	608	-	-	-	31,095
1964	-	-	-	-	629	-	-	-	22,930
1965	-	-	-	-	1,640	-	-	-	25,838
1966	-	-	-	-	6,669	-	-	-	39,113
1967	-	-	-	-	11,497	-	-	-	40,318
1968	-	-	-	-	12,254	-	-	-	29,051
1969	-	-	-	-	9,503	-	-	-	24,360
1970	-	-	-	-	14,484	-	-	-	32,590
1971	-	-	-	-	15,871	-	-	-	34,708
1972	-	-	-	-	16,674	-	-	-	33,842
1973	-	-	-	4	17,741	-	-	-	37,649
1974	-	-	-	-	16,857	-	-	-	30,985
1975	-	-	-	-	16,056	-	-	-	26,131
1976	-	-	-	6	13,206	-	-	-	24,106
1977	-	-	-	9	21,429	-	-	-	34,849
1978	-	-	-	9	20,702	-	-	-	34,858
1979	-	-	-	21	14,987	-	-	-	28,739
1980	-	-	-	25	17,998	-	-	-	31,027
1981	-	-	-	2	14,390	-	-	-	32,632
1982	-	-	-	8	12,634	106	-	-	28,339
1983	-	-	-	19	12,069	143	-	-	24,303
1984	-	-	-	19	11,155	135	-	-	20,340
1985	-	-	-	12	9,601	174	-	-	27,138
1986	-	-	-	-	11,913	206	-	-	32,641
1987	-	-	-	-	15,009	252	-	-	26,877
1988	-	-	-	-	17,120	242	-	-	31,531
1989	9	-	-	-	10,867	195	-	-	22,238
1990	170	-	-	-	11,619	152	-	-	22,624
1991	85	-	-	-	16,508	171	-	-	24,706
1992	209	-	-	-	20,956	199	-	-	30,248
1993	345	...	213	-	17,701	231	-	-	29,987
1994	635	0	641	-	19,731	343	18	-	33,233
1995	810	6	1,883	24	12,775	379	26	109	25,652
1996	1,079	38	1,775	100	11,909	431	13	192	24,129
1997	847	101	4,108	109	15,662	493	8	95	32,689
1998	2,057	40	4,742	370	13,812	616	9	10	39,202
1999	2,103	85	4,027	136	13,684	801	0	...	39,512
2000	1,344	102	4,067	224	15,917	862	0	...	41,595
2001	2,093	49	4,820	54	12,026	1,268	27	...	45,708

Table 67. 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 ECREATION	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	-	27
1999	-	50	...	253	...	38	23	-	100
2000	-	50	+	351	...	8	89	-	22
2001	7	50	2	206	...	8	147	0	...

Table 67 (continued). Surface catches (tonnes) of albacore in the South Pacific

YEAR	JAPAN DRIFT NET	KOREA DRIFT NET	NEW ZEALAND POLE/LINE	NEW ZEALAND TROLL	NEW ZEALAND UNCLASS	TAIWAN 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	...	-	793	2,988
1988	4,271	-	-	405	...	1,000	3,574	9,497
1989	13,263	172	-	4,361	...	8,520	3,510	30,176
1990	5,567	-	242	2,555	44	1,859	3,785	14,657
1991	-	-	9	2,350	15	1,394	4,821	9,235
1992	-	-	6	3,265	7	-	2,993	6,691
1993	-	-	60	2,971	11	-	1,027	4,457
1994	-	-	62	4,609	11	-	2,509	7,559
1995	-	-	136	5,339	10	-	1,936	7,936
1996	-	-	26	5,215	26	-	2,214	7,820
1997	-	-	0	2,767	14	-	1,739	4,833
1998	-	-	1	4,463	5	-	1,618	6,379
1999	-	-	0	1,799	1	-	1,339	3,603
2000	-	-	72	3,084	+	-	2,435	6,111
2001	-	-	4	3,254	2	-	2,085	5,765

BIGEYE IN THE WCPO

Table 68. 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 JV	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	521	7,025
1992	-	34	0	1,400	-	47	187	57	781	7,302
1993	0	25	0	3,664	-	40	204	163	608	6,889
1994	0	123	10	7,846	8	72	249	165	537	5,974
1995	1	172	0	4,744	16	50	378	182	598	5,532
1996	4	293	-	3,261	4	79	593	184	684	6,067
1997	4	983	-	2,243	...	185	409	308	675	5,442
1998	10	1,166	-	1,836	...	521	460	402	938	4,846
1999	9	895	-	1,805	...	649	462	276	814	(4,846)
2000	21	753	-	1,981	...	727	687	711	975	(4,846)
2001	74	1,188	-	2,227	...	478	662	745	(975)	(4,846)

Table 68 (continued). Longline catches (tonnes) of bigeye in the WCPO

YEAR	JAPAN OFFSHORE AND DW	KIRIBATI	KOREA	MARSHALL ISLANDS	NEW CALEDONIA	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES	SAMOA	SOLOMON ISLANDS
1950	...	-	-	-	-	-	-	...	-	-
1951	...	-	-	-	-	-	-	...	-	-
1952	...	-	-	-	-	-	-	...	-	-
1953	...	-	-	-	-	-	-	...	-	-
1954	...	-	-	-	-	-	-	...	-	-
1955	...	-	-	-	-	-	-	...	-	-
1956	...	-	-	-	-	-	-	...	-	-
1957	...	-	-	-	-	-	-	...	-	-
1958	...	-	18	-	-	-	-	...	-	-
1959	...	-	24	-	-	-	-	...	-	-
1960	...	-	50	-	-	-	-	...	-	-
1961	...	-	9	-	-	-	-	...	-	-
1962	34,042	-	26	-	-	-	-	...	-	-
1963	40,359	-	242	-	-	-	-	...	-	-
1964	28,660	-	359	-	-	-	-	...	-	-
1965	26,679	-	1,303	-	-	-	-	...	-	-
1966	27,682	-	2,268	-	-	-	-	...	-	-
1967	27,776	-	2,699	-	-	-	-	...	-	-
1968	21,374	-	1,272	-	-	-	-	...	-	-
1969	26,383	-	1,838	-	-	-	-	...	-	-
1970	28,959	-	1,322	-	-	-	-	51	-	-
1971	30,126	-	940	-	-	-	-	57	-	-
1972	39,658	-	1,138	-	-	-	-	59	-	-
1973	28,231	-	2,523	-	-	-	-	70	-	16
1974	32,132	-	2,137	-	-	-	-	82	-	-
1975	32,148	-	13,543	-	-	-	-	83	-	-
1976	38,786	-	20,176	-	-	-	-	70	-	25
1977	41,843	-	15,978	-	-	-	-	100	-	34
1978	35,456	-	7,878	-	-	-	-	59	-	36
1979	37,173	-	12,448	-	-	-	-	78	-	86
1980	35,599	-	13,106	-	-	-	-	101	-	98
1981	28,390	-	7,838	-	-	-	-	139	-	25
1982	32,714	-	6,988	-	-	-	-	163	-	24
1983	28,998	-	5,923	-	1	-	-	243	-	34
1984	31,508	-	7,086	-	10	-	-	110	-	57
1985	33,348	-	10,022	-	17	-	-	156	-	46
1986	29,825	-	10,156	-	19	-	-	207	-	-
1987	38,429	-	15,119	-	37	-	-	325	-	-
1988	29,331	-	11,928	-	20	-	-	273	-	-
1989	32,189	-	9,774	-	27	+	-	297	-	-
1990	37,117	-	15,898	-	60	30	-	190	-	-
1991	25,507	-	12,103	-	60	44	...	224	-	-
1992	30,852	-	14,860	3	27	39	...	105	-	-
1993	25,795	-	12,580	67	106	74	0	90	3	-
1994	23,090	-	19,603	26	78	69	0	121	14	-
1995	19,747	1	15,389	13	103	60	19	114	40	300
1996	16,565	0	13,846	...	233	86	13	115	27	403
1997	21,471	...	10,915	-	234	140	56	126	63	722
1998	20,259	...	20,910	-	498	388	17	148	334	726
1999	17,773	...	16,967	-	553	420	30	169	283	469
2000	16,690	...	15,956	-	517	421	140	169	177	364
2001	(16,690)	...	13,869	-	128	480	237	177	185	186

Table 68 (continued). Longline catches (tonnes) of bigeye in the WCPO

YEAR	TAIWAN DISTANT- WATER	TAIWAN OFFSHORE W OF 130E	TAIWAN OFFSHORE E OF 130E	TONGA	UNITED STATES	VANUATU	TOTAL
1950	-	...	-	-	781	-	...
1951	-	...	-	-	913	-	...
1952	-	...	-	-	1,013	-	...
1953	-	...	-	-	1,242	-	...
1954	...	...	-	-	1,248	-	...
1955	...	...	-	-	997	-	...
1956	...	...	-	-	1,046	-	...
1957	...	...	-	-	738	-	...
1958	...	...	-	-	719	-	...
1959	...	...	-	-	596	-	...
1960	...	...	-	-	567	-	...
1961	...	...	-	-	469	-	...
1962	...	...	-	-	548	-	34,616
1963	...	...	-	-	424	-	41,025
1964	53	...	-	-	379	-	29,451
1965	377	...	-	-	345	-	28,704
1966	918	...	-	-	346	-	31,214
1967	1,045	...	-	-	293	-	31,813
1968	1,390	...	-	-	256	-	24,292
1969	986	...	-	-	319	-	30,011
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	1,653	1,891	-	-	181	-	35,478
1974	1,496	1,906	-	-	185	-	39,029
1975	901	3,787	-	-	150	-	52,779
1976	801	1,628	-	-	194	-	64,513
1977	1,073	1,169	-	-	225	-	62,934
1978	1,008	1,780	-	-	189	-	49,394
1979	1,241	2,099	-	-	137	-	56,748
1980	1,468	871	-	-	17	-	54,045
1981	943	1,150	-	-	76	-	41,239
1982	468	777	-	18	373	-	44,739
1983	295	876	-	17	466	-	41,144
1984	475	1,034	-	28	536	-	46,156
1985	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	-	51,277
1992	1,896	1,085	3,185	5	1,564	-	63,429
1993	372	1,175	3,037	34	2,181	-	57,107
1994	733	1,575	4,856	19	1,809	-	66,977
1995	576	1,255	3,297	23	2,202	20	54,832
1996	314	1,587	2,384	60	1,939	67	48,808
1997	531	3,772	5,862	69	2,560	103	56,873
1998	940	3,669	5,035	86	3,314	53	66,556
1999	1,301	2,673	5,467	112	2,864	...	58,837
2000	2,241	2,092	4,441	120	2,783	...	56,812
2001	5,940	3,292	6,001	191	2,448	...	61,019

Table 69. 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 AND DW	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	3,647	*	-	-	*
1989	*	*	*	355	373	3,544	*	-	-	*
1990	*	*	*	443	144	3,281	*	-	-	*
1991	*	*	*	547	130	1,232	*	-	*	*
1992	*	*	*	774	75	1,024	*	-	*	*
1993	*	*	*	632	31	1,770	*	-	*	*
1994	*	17	*	792	323	1,878	4	-	*	*
1995	*	8	*	882	397	2,522	0	-	*	*
1996	*	1	*	1,009	428	2,423	2	-	*	*
1997	*	+	*	995	288	2,448	0	-	*	*
1998	*	*	*	1,383	180	1,323	-	-	*	*
1999	*	*	*	1,199	(180)	1,326	-	-	*	*
2000	*	*	*	1,437	(180)	1,260	-	-	*	*
2001	*	*	*	(1,437)	(180)	(1,260)	-	-	*	*

Table 69 (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	-	*	*	*	4,112
1989	-	*	*	*	4,272
1990	-	*	*	*	3,868
1991	-	*	*	*	1,909
1992	-	*	*	*	1,873
1993	-	*	-	*	2,433
1994	-	*	-	*	3,014
1995	-	*	-	*	3,809
1996	-	*	-	*	3,863
1997	-	*	-	*	3,731
1998	-	*	-	*	2,886
1999	-	*	-	*	2,705
2000	-	*	-	*	2,877
2001	-	*	-	*	2,877

Table 70. 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 AND DW	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	129	-
1972	-	-	-	-	...	-	1	119	-
1973	-	-	-	-	...	-	4	182	-
1974	-	-	-	-	...	-	25	328	-
1975	...	-	-	-	...	-	5	265	-
1976	...	-	-	-	...	-	18	390	-
1977	...	-	-	-	...	-	10	302	-
1978	...	-	-	-	...	-	12	609	-
1979	...	-	-	-	...	-	47	720	-
1980	...	-	-	-	218	-	0	564	-
1981	...	-	-	-	228	-	1	925	-
1982	...	-	-	-	143	-	0	1,129	-
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	250	-	5	1,951	-
1992	...	64	-	315	320	-	0	2,563	-
1993	...	52	-	433	521	-	0	1,903	-
1994	...	-	-	288	665	-	0	1,676	26
1995	...	-	-	161	741	-	0	1,639	65
1996	...	-	-	104	848	-	0	1,419	69
1997	...	-	-	245	836	-	2	8,404	130
1998	...	-	-	184	1,162	-	0	2,710	99
1999	...	-	-	362	1,008	-	...	3,106	157
2000	...	-	-	298	1,208	-	...	4,779	63
2001	...	-	...	404	(1,208)	-	...	6,264	113

Table 70 (continued). Purse-seine catches (tonnes) of bigeye in the WCPO

YEAR	KOREA	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE	PHILIPPINES DOMESTIC RINGNET	PHILIPPINES DISTANT-WATER	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	5	-	-	...	-	819	423	-	-
1981	43	-	-	...	-	1,434	380	-	-
1982	270	-	-	...	-	1,629	137	61	-
1983	100	-	-	0	-	1,742	333	-	-
1984	54	-	11	0	-	1,873	422	108	-
1985	161	-	302	0	-	1,538	615	441	0
1986	164	-	-	0	-	1,264	490	216	4
1987	1,321	-	-	...	-	1,517	289	512	30
1988	1,042	-	-	...	-	1,426	399	304	7
1989	1,869	-	-	...	-	1,553	435	1,221	14
1990	2,042	-	-	...	-	1,613	413	860	5
1991	2,426	-	-	...	-	1,901	487	910	10
1992	4,427	-	-	...	-	1,211	269	1,797	4
1993	2,481	-	-	...	-	445	155	1,182	28
1994	2,262	-	-	...	20	1,364	349	570	30
1995	2,306	-	-	...	142	1,489	381	1,327	...
1996	898	-	-	...	37	1,497	383	813	...
1997	2,197	-	-	...	1,004	1,645	421	1,102	...
1998	1,661	-	-	...	1,444	1,935	496	990	...
1999	1,725	-	-	...	968	2,207	565	631	...
2000	704	35	-	...	1,331	2,207	565	625	...
2001	487	137	-	...	4,744	2,312	592	380	...

Table 70 (continued). Purse-seine catches (tonnes) of bigeye in the WCPO

YEAR	SOLOMON ISLANDS	SPAIN	TAIWAN	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	-	-	-	-	-	877
1972	-	-	-	-	-	865
1973	-	-	-	-	-	1,078
1974	-	-	-	-	-	1,389
1975	-	-	-	-	-	1,328
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	-	5,150
1983	318	-	276	4,950	-	9,388
1984	301	-	427	4,442	-	8,556
1985	375	-	508	1,769	-	7,311
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	-	13,406
1992	709	-	4,325	3,480	-	19,484
1993	733	-	2,733	3,731	-	14,397
1994	593	-	1,762	1,711	5	11,321
1995	1,091	-	1,508	3,190	131	14,171
1996	706	-	797	9,860	84	17,515
1997	712	-	2,934	10,058	804	30,494
1998	506	-	1,384	5,525	530	18,626
1999	601	1,437	3,372	17,403	999	34,541
2000	213	3,644	1,900	12,953	140	30,665
2001	390	734	2,284	6,658	...	26,707

Table 71. 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 TROLL	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	330	3,446	354	0	333
1992	*	*	1	600	5,350	593	0	176
1993	*	*	1	490	4,372	137	0	114
1994	*	*	1	718	5,113	173	0	425
1995	-	-	1	800	5,693	206	0	166
1996	-	-	2	915	6,514	308	0	167
1997	...	...	2	903	6,424	372	0	183
1998	0	...	1	1,255	8,931	282	0	216
1999	...	...	2	1,088	7,746	(282)	0	246
2000	...	...	1	1,304	9,279	(282)	0	246
2001	...	...	2	(1,304)	(9,279)	(282)	0	258

Table 71 (continued). Other catches (tonnes) of bigeye in the WCPO

YEAR	PHILIPPINES HANDLINE	PHILIPPINES UNCLASS	TAIWAN 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	...	10,225
1992	2,080	305	0	...	9,105
1993	2,271	359	97	...	7,841
1994	3,248	348	0	...	10,026
1995	3,067	356	1	...	10,290
1996	3,083	358	1	185	11,348
1997	3,388	394	(1)	92	11,667
1998	3,986	463	(1)	243	15,135
1999	4,546	528	(1)	97	14,439
2000	4,545	528	(1)	207	16,186
2001	4,762	554	(1)	217	16,442

SKIPJACK IN THE WCPO

Table 72. 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 AND DW	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	140,976	-	-	-	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	195,664	927	-	-	119
1989	399	4,660	567	64,763	8,928	180,211	1,438	-	-	72
1990	1,177	3,196	1,423	70,537	7,357	121,930	452	-	0	80
1991	1,042	4,458	1,254	87,449	6,448	151,338	157	-	0	-
1992	800	3,705	1,122	82,149	7,554	118,150	248	-	0	61
1993	458	3,178	665	84,964	9,818	161,749	184	-	1	100
1994	295	3,379	1,004	97,404	7,537	107,878	121	-	6	100
1995	211	4,319	1,250	100,542	5,929	128,041	559	-	28	100
1996	763	3,124	945	111,062	5,811	91,904	7	-	115	100
1997	485	987	698	108,927	6,364	115,181	4	-	50	100
1998	266	459	784	139,838	6,845	122,730	-	-	1	100
1999	...	507	526	151,224	(6,845)	104,162	-	-	11	100
2000	...	343	440	154,850	(6,845)	124,422	-	-	11	100
2001	0	431	688	(154,850)	(6,845)	(124,422)	-	-	0	100

Table 72 (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	-	...	172,827
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	280,593
1980	30,976	21,411	-	1,796	330,669
1981	27,207	19,620	-	1,819	292,368
1982	-	16,464	163	1,400	260,833
1983	-	27,028	286	1,135	298,627
1984	2,470	29,541	513	1,536	377,938
1985	8,370	23,744	4	851	249,159
1986	-	36,159	378	942	335,752
1987	-	20,564	542	1,510	260,957
1988	-	28,613	1,069	1,723	293,968
1989	-	23,268	142	1,332	284,448
1990	-	17,427	64	487	223,643
1991	-	35,240	23	992	287,409
1992	-	18,226	6	763	232,021
1993	-	15,425	-	962	276,542
1994	-	19,013	-	514	236,737
1995	-	28,924	-	571	269,903
1996	-	19,215	-	835	233,046
1997	-	20,364	-	881	253,160
1998	-	22,089	-	382	293,112
1999	-	18,322	-	584	281,697
2000	-	2,209	-	320	289,220
2001	-	4,508	-	447	291,844

Table 73. 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 AND DW	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	403	-
1971	-	-	-	-	...	-	768	7,947	-
1972	-	-	-	-	...	-	653	12,150	-
1973	-	-	-	-	...	-	565	13,244	-
1974	-	-	-	-	...	-	575	5,533	-
1975	1,900	-	-	-	...	-	252	6,806	-
1976	...	-	-	-	...	-	572	17,741	-
1977	...	-	-	-	...	-	381	18,629	-
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	75,141	-
1983	114	-	-	-	8,017	-	244	117,038	-
1984	56	-	-	-	9,152	...	196	128,975	-
1985	0	-	-	-	10,187	...	144	119,293	-
1986	-	-	-	-	7,313	7,121	388	130,900	-
1987	0	-	-	-	7,459	11,050	114	115,505	-
1988	-	101	-	-	7,823	11,050	45	183,584	-
1989	598	148	-	-	7,559	10,313	59	122,041	-
1990	121	3,543	-	-	7,994	...	66	140,116	-
1991	1,954	3,876	-	8,448	9,911	-	221	149,987	-
1992	6,158	437	-	11,657	11,705	-	121	140,172	-
1993	3,855	1,311	-	11,692	10,895	-	139	137,066	-
1994	3,219	-	-	17,351	11,518	-	65	160,152	895
1995	4,086	-	-	4,216	11,889	-	160	143,182	1,961
1996	1,981	-	-	6,745	13,133	-	19	153,945	4,104
1997	4,204	-	-	5,501	12,881	-	11	145,478	2,851
1998	1,014	-	-	11,314	16,536	-	100	230,294	5,544
1999	4,164	-	-	6,972	17,882	-	(100)	143,053	4,493
2000	3,955	-	-	15,843	18,311	-	(100)	171,653	3,701
2001	492	-	2,750	10,310	(18,311)	-	(100)	177,930	3,286

Table 73 (continued). Purse-seine catches (tonnes) of skipjack in the WCPO

YEAR	KOREA	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE	PHILIPPINES DOMESTIC RINGNET	PHILIPPINES DISTANT-WATER	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	476	-	-	...	-	13,240	3,351	-	-
1981	1,462	-	-	...	-	14,048	4,683	-	-
1982	10,167	-	-	...	-	26,607	4,081	766	-
1983	15,417	-	-	5,581	-	36,645	4,210	-	-
1984	13,767	-	388	3,999	-	24,247	8,538	775	-
1985	9,655	-	4,262	2,289	-	28,477	14,303	9,148	1,604
1986	25,305	-	-	4,875	-	38,982	18,343	6,989	3,743
1987	40,918	-	-	3,763	-	39,125	11,873	12,035	5,614
1988	64,032	-	-	3,509	-	29,677	9,006	8,356	5,339
1989	80,903	-	-	5,424	-	34,300	10,409	16,668	3,400
1990	138,460	-	-	3,959	-	53,751	19,045	16,466	1,505
1991	171,951	-	-	5,256	-	62,078	14,612	17,529	2,601
1992	115,290	-	-	985	-	43,607	18,721	25,888	1,689
1993	73,989	-	-	937	-	34,555	19,231	20,225	5,499
1994	145,541	-	-	3,088	987	48,469	17,721	14,742	3,310
1995	137,848	-	-	1,654	9,811	61,185	31,166	19,810	...
1996	129,888	-	-	3,492	9,512	61,126	31,136	24,767	...
1997	121,468	-	-	6,510	11,270	61,178	31,162	22,553	...
1998	136,279	-	-	8,118	37,214	64,777	32,996	32,071	...
1999	110,317	-	-	5,656	29,949	56,990	29,029	28,263	...
2000	141,421	6,715	-	12,759	52,289	63,505	32,348	21,102	...
2001	143,716	33,468	-	8,300	64,355	63,283	32,235	7,686	...

Table 73 (continued). Purse-seine catches (tonnes) of skipjack in the WCPO

YEAR	SOLOMON ISLANDS	SPAIN	TAIWAN	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	-	-	-	-	-	10,586
1971	-	-	-	-	-	14,987
1972	-	-	-	-	-	19,691
1973	-	-	-	-	-	21,547
1974	-	-	-	-	-	14,742
1975	-	-	-	-	-	18,237
1976	-	-	-	500	-	28,148
1977	-	-	-	700	-	40,122
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	-	174,693
1983	2,800	-	9,840	124,697	-	324,603
1984	3,050	-	20,160	113,755	-	327,058
1985	2,824	-	23,520	83,763	-	309,469
1986	3,267	-	34,400	87,983	-	369,609
1987	3,580	-	44,720	77,575	-	373,331
1988	6,467	-	66,880	93,636	-	489,505
1989	5,923	-	84,800	95,027	-	477,572
1990	4,417	-	104,960	110,044	-	604,447
1991	7,056	-	140,800	177,389	-	773,669
1992	5,993	-	169,400	155,898	-	707,721
1993	4,655	-	109,324	148,419	-	581,792
1994	7,648	-	134,736	151,486	730	721,658
1995	11,212	-	147,831	132,518	5,577	724,106
1996	7,270	-	161,407	120,127	8,080	736,732
1997	15,947	-	116,073	79,386	16,730	653,203
1998	16,573	-	193,728	131,573	28,982	947,113
1999	17,291	5,670	160,453	129,262	36,321	785,865
2000	6,159	6,427	194,499	80,272	33,075	864,134
2001	8,022	1,201	182,531	85,436	...	843,412

Table 74. 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	USTRALIA TROLL	FIJI ISLANDS TROLL	FRENCH POLYNESIA POTI MARARA	FRENCH POLYNESIA TROLL	GUAM TROLL	INDONESIA UNCLASS	JAPAN UNCLASS	NEW ZEALAND UNCLASS	NORTHERN MARIANAS TROLL
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	-	84
1984	53	-	-	...	-	98	18,149	13,912	-	133
1985	18	-	0	...	-	48	18,132	7,478	-	80
1986	62	-	8	...	-	34	13,225	15,863	-	115
1987	53	-	14	...	-	27	13,490	12,469	-	74
1988	69	-	13	...	-	96	14,165	18,393	-	121
1989	55	-	15	...	...	56	14,873	14,300	-	118
1990	23	-	18	56	...	67	15,617	18,217	116	68
1991	19	-	22	53	...	54	19,361	19,757	0	53
1992	31	-	43	47	...	56	43,998	15,040	0	38
1993	11	-	70	51	...	50	32,452	10,886	0	44
1994	61	-	41	63	...	85	26,730	6,999	0	41
1995	75	-	54	130	...	81	27,591	13,909	3	60
1996	24	-	58	144	...	108	30,478	7,369	+	75
1997	14	...	54	176	...	95	29,892	9,951	+	60
1998	7	17	(54)	474	-	86	38,375	9,718	2	76
1999	16	...	(54)	479	-	54	41,500	(9,718)	+	49
2000	7	...	(54)	377	-	121	42,495	(9,718)	+	219
2001	6	...	(54)	477	3	151	(42,495)	(9,718)	+	279

Table 74 (continued). Other catches (tonnes) of skipjack in the WCPO

YEAR	PHILIPPINES GILL NET	PHILIPPINES HANDLINE	PHILIPPINES UNCLASS	TAIWAN 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	1,815	8,999	4,936	931	...	56,842
1984	988	9,287	1,084	535	...	44,239
1985	2,183	10,309	4,529	776	...	43,553
1986	2,851	13,683	2,519	756	...	49,116
1987	2,656	14,627	3,449	966	...	47,825
1988	2,015	11,095	2,616	552	...	49,135
1989	2,328	12,823	3,024	861	...	48,453
1990	8,125	9,444	8,408	737	...	60,896
1991	8,257	9,598	7,192	960	...	65,326
1992	6,249	7,264	6,621	1,175	...	80,562
1993	1,452	8,351	4,029	1,084	...	58,480
1994	2,954	8,106	6,208	899	...	52,187
1995	1,202	11,655	4,147	1,764	155	60,671
1996	1,201	11,644	4,142	1,908	224	57,151
1997	1,202	11,654	4,145	1,339	197	58,582
1998	1,273	12,339	4,488	(1,339)	147	68,248
1999	1,120	10,856	10,079	(1,339)	184	75,264
2000	1,248	12,097	3,029	(1,339)	91	70,704
2001	1,243	12,055	7,401	(1,339)	112	75,221

YELLOWFIN IN THE WCPO

Table 75. 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 JV	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	5,538	8,034
1992	-	1,017	0	1,315	-	93	202	150	8,301	8,452
1993	1	781	1	2,754	-	61	319	366	6,459	7,950
1994	1	1,221	43	4,823	12	114	625	275	5,710	6,970
1995	2	1,313	0	5,837	23	153	949	297	6,358	6,886
1996	12	1,660	-	2,757	7	152	1,376	380	7,275	6,257
1997	22	1,680	-	1,419	...	267	970	420	7,175	6,079
1998	42	2,152	-	1,435	...	530	862	480	9,974	5,888
1999	64	1,839	-	2,237	...	236	725	756	8,650	(5,888)
2000	86	1,740	-	2,207	...	390	2,465	1,202	10,362	(5,888)
2001	183	2,557	-	1,919	...	253	2,082	967	(10,362)	(5,888)

Table 75 (continued). Longline catches (tonnes) of yellowfin in the WCPO

YEAR	JAPAN OFFSHORE AND DW	KIRIBATI	KOREA	MARSHALL ISLANDS	NEW CALEDONIA	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES	SAMOA	SOLOMON ISLANDS
1950	...	-	-	-	-	-	-	...	-	-
1951	...	-	-	-	-	-	-	...	-	-
1952	22,799	-	-	-	-	-	-	...	-	-
1953	33,288	-	-	-	-	-	-	...	-	-
1954	34,429	-	-	-	-	-	-	...	-	-
1955	28,283	-	-	-	-	-	-	...	-	-
1956	21,139	-	-	-	-	-	-	...	-	-
1957	51,964	-	-	-	-	-	-	...	-	-
1958	52,982	-	70	-	-	-	-	...	-	-
1959	50,976	-	67	-	-	-	-	...	-	-
1960	61,063	-	84	-	-	-	-	...	-	-
1961	68,182	-	46	-	-	-	-	...	-	-
1962	53,211	-	47	-	-	-	-	...	-	-
1963	51,005	-	252	-	-	-	-	...	-	-
1964	42,043	-	400	-	-	-	-	...	-	-
1965	41,031	-	1,430	-	-	-	-	...	-	-
1966	52,985	-	2,020	-	-	-	-	...	-	-
1967	28,595	-	2,071	-	-	-	-	...	-	-
1968	29,812	-	3,046	-	-	-	-	...	-	-
1969	31,538	-	4,975	-	-	-	-	...	-	-
1970	34,908	-	3,663	-	-	-	-	537	-	-
1971	29,974	-	3,832	-	-	-	-	601	-	-
1972	29,677	-	6,685	-	-	-	-	625	-	-
1973	30,906	-	6,653	-	-	-	-	748	-	91
1974	33,899	-	5,191	-	-	-	-	869	-	-
1975	28,921	-	9,529	-	-	-	-	887	-	-
1976	32,521	-	15,118	-	-	-	-	748	-	146
1977	43,950	-	16,179	-	-	-	-	1,059	-	198
1978	62,622	-	13,812	-	-	-	-	630	-	207
1979	50,879	-	18,421	-	-	-	-	829	-	493
1980	63,289	-	22,795	-	-	-	-	1,076	-	564
1981	53,594	-	10,245	-	-	-	-	1,480	-	146
1982	46,205	-	8,954	-	-	-	-	1,734	-	306
1983	47,526	-	8,445	-	9	-	-	2,581	-	443
1984	36,669	-	6,792	-	28	-	-	1,174	-	213
1985	38,278	-	10,047	-	133	-	-	1,663	-	151
1986	29,968	-	9,532	-	169	-	-	2,204	-	-
1987	28,045	-	10,059	-	502	-	-	3,449	-	-
1988	33,021	-	10,835	-	488	-	-	2,897	-	-
1989	25,639	-	7,841	-	278	6	-	3,156	-	-
1990	26,862	-	12,218	-	617	4	-	2,015	-	-
1991	19,221	-	8,247	-	567	6	...	2,375	-	-
1992	24,067	-	11,212	3	373	13	...	1,114	-	-
1993	24,052	-	8,118	69	433	14	8	954	81	-
1994	24,451	-	9,794	27	437	32	30	1,291	73	-
1995	25,189	5	9,483	18	839	94	149	1,214	216	199
1996	20,422	0	11,801	...	554	141	184	1,220	573	533
1997	17,370	...	9,649	-	466	121	389	1,341	1,327	886
1998	11,747	...	9,631	-	185	116	283	1,578	801	657
1999	7,765	...	6,452	-	373	149	225	1,799	681	533
2000	12,499	...	9,319	-	250	98	610	1,799	1,120	557
2001	(12,499)	...	9,475	-	570	130	1,826	1,885	470	159

Table 75 (continued). Longline catches (tonnes) of yellowfin in the WCPO

YEAR	TAIWAN DISTANT- WATER	TAIWAN OFFSHORE W OF 130E	TAIWAN OFFSHORE E OF 130E	TONGA	UNITED STATES	VANUATU	TOTAL
1950	-	...	-	-	269	-	...
1951	-	...	-	-	296	-	...
1952	-	...	-	-	322	-	23,443
1953	-	...	-	-	213	-	33,501
1954	...	1,192	-	-	191	-	36,067
1955	...	2,724	-	-	201	-	31,362
1956	...	2,377	-	-	96	-	23,612
1957	...	2,109	-	-	101	-	54,527
1958	...	1,753	-	-	115	-	55,097
1959	...	1,568	-	-	175	-	53,113
1960	...	1,301	-	-	137	-	62,839
1961	...	2,606	-	-	152	-	71,281
1962	...	5,513	-	-	110	-	59,172
1963	...	5,149	-	-	118	-	56,791
1964	124	5,671	-	-	133	-	48,521
1965	686	7,204	-	-	153	-	50,699
1966	2,115	8,635	-	-	159	-	67,302
1967	1,402	4,579	-	-	141	-	38,975
1968	3,715	7,202	-	-	99	-	44,941
1969	4,457	5,721	-	-	106	-	49,256
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	5,383	10,373	-	-	98	-	56,828
1974	3,758	7,778	-	-	130	-	54,102
1975	2,339	13,539	-	-	102	-	60,554
1976	2,534	12,425	-	-	111	-	70,735
1977	2,336	16,471	-	-	176	-	87,974
1978	3,792	19,165	-	-	172	-	109,384
1979	3,523	22,629	-	-	145	-	104,950
1980	3,707	18,265	-	-	536	-	117,423
1981	1,851	17,778	-	-	673	-	92,541
1982	916	16,508	-	81	708	-	83,824
1983	750	16,260	-	48	361	-	83,588
1984	890	16,107	-	55	330	-	69,752
1985	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	-	59,424
1992	1,392	10,151	3,332	19	449	-	71,655
1993	593	8,450	2,799	64	697	-	65,024
1994	1,771	8,136	6,768	46	695	-	73,345
1995	1,552	9,650	8,865	59	1,173	47	80,570
1996	793	10,364	9,189	88	881	276	76,895
1997	810	9,994	7,032	100	1,245	265	69,027
1998	609	9,456	4,948	125	829	25	62,353
1999	771	10,347	6,578	163	536	...	56,767
2000	1,640	8,376	7,042	175	1,225	...	69,050
2001	3,543	14,080	7,106	259	1,049	...	77,262

Table 76. 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 AND DW	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	5,420	-	-	-	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	7,196	545	-	-	38
1989	63	461	187	3,198	472	7,800	844	-	-	5
1990	22	478	138	3,990	211	6,929	143	-	0	8
1991	10	368	251	4,925	182	5,404	67	-	0	-
1992	1	395	248	6,965	209	6,827	303	-	0	14
1993	4	628	236	5,692	157	4,529	108	-	2	...
1994	29	743	161	7,125	259	3,936	71	-	1	...
1995	9	558	306	7,934	503	3,995	48	-	11	...
1996	75	164	126	9,077	384	4,349	5	-	6	...
1997	43	46	142	8,953	492	3,639	1	-	0	...
1998	0	7	118	12,446	477	2,943	-	-	0	...
1999	...	0	160	10,795	(477)	2,715	-	-	1	...
2000	...	2	110	12,931	(477)	2,666	-	-	0	...
2001	0	44	84	(12,931)	(477)	(2,666)	-	-	0	...

Table 76 (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	2,007
1971	112	141	-	22	2,645
1972	1,345	237	-	25	7,440
1973	916	195	-	14	7,443
1974	1,416	310	-	23	6,559
1975	1,744	18	-	25	7,776
1976	8,563	63	-	43	17,143
1977	4,009	114	-	21	15,236
1978	3,099	52	-	62	12,705
1979	2,881	192	-	49	11,414
1980	3,018	197	-	91	13,041
1981	4,205	211	-	89	19,179
1982	-	227	53	106	13,729
1983	-	578	51	55	13,211
1984	274	338	27	54	13,504
1985	930	338	...	103	18,053
1986	-	565	12	114	12,960
1987	-	1,456	90	78	13,165
1988	-	1,189	21	76	12,424
1989	-	776	7	10	13,813
1990	-	1,100	26	17	13,045
1991	-	953	6	20	12,166
1992	-	1,246	2	16	16,210
1993	-	2,263	-	4	13,619
1994	-	2,144	-	9	14,469
1995	-	2,391	-	16	15,755
1996	-	1,875	-	1	16,061
1997	-	1,257	-	0	14,573
1998	-	1,215	-	1	17,206
1999	-	982	-	10	15,130
2000	-	138	-	1	16,324
2001	-	202	-	2	16,404

Table 77. 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 AND DW	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	164	-
1971	-	-	-	-	...	-	1,536	2,837	-
1972	-	-	-	-	...	-	841	4,195	-
1973	-	-	-	-	...	-	1,575	7,276	-
1974	-	-	-	-	...	-	797	9,419	-
1975	...	-	-	-	...	-	66	5,595	-
1976	...	-	-	-	...	-	944	7,649	-
1977	...	-	-	-	...	-	74	6,841	-
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	31,088	-
1983	0	-	-	-	1,812	-	5	30,830	-
1984	0	-	-	-	1,897	...	149	38,662	-
1985	0	-	-	-	1,896	...	119	47,947	-
1986	-	-	-	-	1,485	1,366	28	44,467	-
1987	0	-	-	-	1,515	1,839	130	44,634	-
1988	-	26	-	-	1,590	1,714	2	30,119	-
1989	26	15	-	-	2,268	2,141	5	40,872	-
1990	0	866	-	-	2,399	...	0	37,742	-
1991	0	1,222	-	2,624	2,250	-	0	48,579	-
1992	0	561	-	3,360	2,881	-	12	53,088	-
1993	6	347	-	4,562	4,686	-	3	57,891	-
1994	0	-	-	3,871	5,989	-	0	39,867	202
1995	0	-	-	1,909	6,668	-	28	45,160	972
1996	8	-	-	739	7,629	-	1	23,284	646
1997	13	-	-	2,578	7,525	-	8	57,050	2,222
1998	0	-	-	2,682	10,461	-	68	37,785	2,076
1999	0	-	-	3,167	9,072	-	(68)	40,329	1,423
2000	0	-	-	5,004	10,868	-	(68)	36,590	1,209
2001	0	-	340	5,063	(10,868)	-	(68)	35,568	1,220

Table 77 (continued). Purse-seine catches (tonnes) of yellowfin in the WCPO

YEAR	KOREA	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE	PHILIPPINES DOMESTIC RINGNET	PHILIPPINES DISTANT-WATER	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	63	-	-	...	-	7,369	3,852	-	-
1981	539	-	-	...	-	12,909	3,459	-	-
1982	1,772	-	-	...	-	14,659	1,251	414	-
1983	699	-	-	239	-	15,676	3,028	-	-
1984	362	-	69	231	-	16,855	3,839	738	-
1985	1,463	-	2,036	170	-	13,843	5,595	2,890	507
1986	2,263	-	-	0	-	11,376	4,461	1,414	428
1987	16,472	-	-	0	-	13,654	2,627	3,355	3,351
1988	14,323	-	-	0	-	12,830	3,633	3,124	843
1989	32,897	-	-	0	-	13,973	3,957	6,435	1,521
1990	32,841	-	-	0	-	14,515	3,760	6,675	616
1991	52,994	-	-	0	-	17,109	4,431	8,103	1,104
1992	62,570	-	-	0	-	10,895	2,447	11,154	433
1993	50,178	-	-	0	-	4,001	1,411	8,327	3,187
1994	47,201	-	-	0	344	12,275	3,180	4,347	3,382
1995	35,310	-	-	0	2,573	13,402	3,472	6,736	...
1996	18,030	-	-	5	787	13,473	3,490	8,460	...
1997	35,308	-	-	0	6,579	14,806	3,835	11,363	...
1998	58,337	-	-	0	11,443	17,416	4,511	10,793	...
1999	29,804	-	-	0	7,385	19,865	5,145	6,557	...
2000	27,900	905	-	876	13,836	19,859	5,144	6,615	...
2001	33,869	2,993	-	667	23,986	20,810	5,390	4,228	...

Table 77 (continued). Purse-seine catches (tonnes) of yellowfin in the WCPO

YEAR	SOLOMON ISLANDS	SPAIN	TAIWAN	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	-	-	-	-	-	9,299
1971	-	-	-	-	-	10,847
1972	-	-	-	-	-	11,765
1973	-	-	-	-	-	16,900
1974	-	-	-	-	-	19,574
1975	-	-	-	-	-	15,209
1976	-	-	-	188	-	16,826
1977	-	-	-	188	-	18,509
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	-	73,542
1983	2,212	-	1,884	49,718	-	106,103
1984	2,096	-	3,413	41,370	-	109,681
1985	2,507	-	3,972	22,422	-	105,367
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	-	99,244
1989	3,607	-	13,732	42,886	-	164,335
1990	3,242	-	20,494	52,089	-	175,239
1991	3,271	-	32,026	37,330	-	211,043
1992	4,384	-	46,275	43,693	-	241,753
1993	4,930	-	58,642	46,011	-	244,182
1994	4,527	-	43,061	56,426	85	224,757
1995	5,524	-	33,156	31,845	1,043	187,798
1996	8,595	-	16,951	19,417	706	122,221
1997	7,445	-	48,189	54,638	8,562	260,121
1998	6,242	-	63,581	37,530	9,578	272,503
1999	7,328	1,506	41,905	35,820	10,337	219,711
2000	2,639	2,825	38,579	32,126	2,415	207,458
2001	4,331	467	45,853	23,430	...	219,151

Table 78. 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	USTRALIA TROLL	FIJI ISLANDS TROLL	FRENCH POLYNESIA POTI MARARA	FRENCH POLYNESIA TROLL	GUAM TROLL	INDONESIA HANDLINE	INDONESIA UNCLASS	JAPAN UNCLASS	KIRIBATI RTISANAL	NEW ZEALAND UNCLASS
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	...	1
1975	...	-	-	...	-	...	...	9,956	572	...	1
1976	...	-	-	...	-	...	...	6,777	871	...	0
1977	...	-	-	...	-	...	...	9,241	536	...	0
1978	...	-	-	...	-	...	...	7,403	615	...	15
1979	...	-	-	...	-	...	...	10,334	1,420	...	16
1980	...	-	-	...	-	9	...	10,463	842	1,812	51
1981	...	-	-	...	-	16	...	14,213	733	1,812	26
1982	3	-	-	...	-	51	...	15,654	528	1,812	2
1983	9	-	3	...	-	29	...	13,715	497	1,812	1
1984	27	-	-	...	-	31	2,057	16,326	776	1,812	2
1985	18	-	3	...	-	42	2,322	18,117	653	1,812	1
1986	23	-	6	...	-	25	2,502	22,703	676	1,812	7
1987	12	-	13	...	-	18	2,553	22,259	963	1,812	7
1988	22	-	9	...	-	37	2,650	23,739	1,346	1,812	5
1989	24	-	26	...	...	18	2,492	28,211	1,399	1,812	9
1990	11	-	20	106	...	32	2,921	29,057	694	1,812	+
1991	12	-	13	121	...	20	3,505	31,013	1,293	1,812	+
1992	11	6	15	77	...	61	6,376	48,153	1,548	1,812	0
1993	8	16	104	80	...	23	5,210	39,344	1,706	1,812	+
1994	22	-	41	118	...	32	7,634	46,016	1,476	1,812	0
1995	24	-	...	140	...	42	8,500	51,236	1,550	1,812	+
1996	17	-	...	160	...	49	9,726	58,625	1,616	1,812	+
1997	10	-	...	99	...	41	9,592	57,820	2,083	1,812	1
1998	3	2	...	190	-	62	13,334	80,383	2,043	1,812	0
1999	5	...	...	257	-	58	11,565	69,710	(2,043)	1,812	0
2000	2	...	...	350	-	35	13,853	83,511	(2,043)	1,812	0
2001	3	...	...	263	3	27	(13,853)	(83,511)	(2,043)	1,812	0

Table 78 (continued). Other catches (tonnes) of yellowfin in the WCPO

YEAR	NORTHERN MARIANAS TROLL	PHILIPPINES GILL NET	PHILIPPINES HANDLINE	PHILIPPINES UNCLASS	TAIWAN 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	...	3,724	30,998	2,101	334	...	46,997
1975	...	3,801	31,634	2,146	426	...	48,536
1976	...	3,202	26,651	1,806	1,359	...	40,666
1977	...	4,540	37,785	2,562	428	...	55,092
1978	...	4,426	22,796	1,719	1,517	...	38,491
1979	...	1,824	29,230	1,808	1,743	...	46,375
1980	...	2,071	26,721	1,036	901	...	43,906
1981	...	2,390	29,480	1,319	634	...	50,623
1982	...	1,247	27,261	1,103	565	...	48,226
1983	10	1,134	29,610	3,707	317	...	50,844
1984	9	1,945	28,339	1,337	1,037	...	53,698
1985	6	1,836	32,452	3,004	825	...	61,091
1986	8	1,923	33,076	1,065	847	...	64,673
1987	5	1,945	24,137	1,242	3,066	...	58,032
1988	8	1,983	29,326	1,184	3,583	...	65,704
1989	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	...	101,592
1992	11	1,582	22,101	2,742	544	...	85,039
1993	6	1,026	24,139	3,234	318	...	77,026
1994	6	3,825	34,519	3,135	52	...	98,688
1995	10	1,493	32,595	3,208	147	1,266	100,757
1996	18	1,501	32,768	3,225	159	1,128	109,676
1997	10	1,650	36,009	3,544	155	975	112,826
1998	6	1,940	42,358	4,168	(155)	1,056	146,456
1999	11	2,213	48,314	4,756	(155)	1,344	140,899
2000	7	2,213	48,300	4,753	(155)	1,058	157,034
2001	18	2,318	50,612	4,982	(155)	817	159,600

TOTAL CATCHES BY OCEAN AREA

Table 79. 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	72	51,333	69,174
1960	22,248	45	-	-	22,293	17,373	25,156	20,105	773	63,407	85,700
1961	23,742	0	-	-	23,742	17,442	21,476	12,059	1,636	52,613	76,355
1962	35,219	0	-	-	35,219	15,771	9,814	19,753	1,933	47,271	82,490
1963	31,095	16	-	-	31,111	13,471	28,852	25,145	1,445	68,913	100,024
1964	22,930	0	-	-	22,930	15,488	27,269	18,391	1,275	62,423	85,353
1965	25,838	0	-	-	25,838	13,965	41,908	16,557	866	73,296	99,134
1966	39,113	0	-	-	39,113	25,329	24,430	15,377	1,293	66,429	105,542
1967	40,318	0	5	-	40,323	29,516	34,594	17,975	1,328	83,413	123,736
1968	29,051	0	14	-	29,065	24,670	21,503	21,462	2,337	69,972	99,037
1969	24,360	0	0	-	24,360	18,654	34,908	20,192	1,826	75,580	99,940
1970	32,590	100	50	-	32,740	17,808	28,679	21,422	1,604	69,513	102,253
1971	34,708	100	0	-	34,808	13,293	55,028	22,272	2,396	92,989	127,797
1972	33,842	122	268	-	34,232	16,143	64,319	27,521	1,646	109,629	143,861
1973	37,649	141	484	-	38,274	16,937	71,003	17,053	1,985	106,978	145,252
1974	30,985	809	898	-	32,692	13,988	78,341	21,509	1,368	115,206	147,898
1975	26,131	100	646	-	26,877	14,308	55,395	19,043	1,237	89,983	116,860
1976	24,106	100	25	-	24,231	17,957	88,036	16,183	3,227	125,403	149,634
1977	34,849	100	621	-	35,570	17,398	33,431	10,022	2,285	63,136	98,706
1978	34,858	100	1,686	-	36,644	13,589	60,827	16,636	8,102	99,154	135,798
1979	28,739	100	814	-	29,653	14,661	44,965	7,302	4,213	71,141	100,794
1980	31,027	101	1,468	-	32,596	15,604	47,124	7,768	4,723	75,219	107,815
1981	32,632	0	2,085	5	34,722	18,745	28,174	12,837	11,542	71,298	106,020
1982	28,339	1	2,434	6	30,780	17,819	30,039	6,713	13,973	68,544	99,324
1983	24,303	0	744	39	25,086	16,077	21,705	9,584	7,886	55,252	80,338
1984	20,340	2	2,773	1,589	24,704	15,669	27,043	9,354	18,801	70,867	95,571
1985	27,138	0	3,253	1,937	32,328	14,751	22,212	6,471	14,928	58,362	90,690
1986	32,641	0	2,003	1,946	36,590	13,169	16,528	4,738	11,015	45,450	82,040
1987	26,877	9	2,049	930	29,865	15,034	19,240	2,870	11,611	48,755	78,620
1988	31,531	0	4,214	5,283	41,028	15,186	6,814	4,367	19,233	45,600	86,628
1989	22,238	0	8,208	21,968	52,414	13,979	8,683	2,000	20,162	44,824	97,238
1990	22,624	245	6,874	7,538	37,281	16,273	8,647	2,905	26,332	54,157	91,438
1991	24,706	14	7,732	1,489	33,941	17,716	7,103	1,984	11,104	37,907	71,848
1992	30,248	11	6,615	65	36,939	19,728	13,888	4,935	16,909	55,460	92,399
1993	29,987	74	4,313	70	34,444	30,943	12,797	6,748	4,410	54,898	89,342
1994	33,233	67	7,403	89	40,792	30,789	26,389	12,976	3,950	74,104	114,896
1995	25,652	139	7,693	104	33,588	32,510	21,061	9,924	2,555	66,050	99,638
1996	24,129	30	7,634	156	31,949	39,051	20,296	21,011	1,832	82,190	114,139
1997	32,689	21	4,679	133	37,522	47,707	32,311	17,180	4,269	101,467	138,989
1998	39,202	36	6,258	85	45,581	47,600	23,005	18,889	4,368	93,862	139,443
1999	39,512	138	3,391	74	43,115	45,801	50,429	13,311	12,021	121,562	164,677
2000	41,595	102	5,870	139	47,706	45,865	18,857	14,693	5,797	85,212	132,918
2001	45,708	19	5,547	199	51,473	46,312	19,094	16,218	5,719	87,343	138,816

Table 80. 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	...	2,100	1,039	...	...	...	...	...	...	...	...
1953	...	2,400	619	...	...	...	...	...	...	...	...
1954	...	2,100	360	...	...	...	...	...	...	...	...
1955	...	4,000	285	...	...	...	...	...	...	...	...
1956	...	4,400	908	...	...	...	...	...	...	...	...
1957	...	5,200	49	...	...	...	...	...	...	...	...
1958	...	4,200	48	...	...	...	...	...	...	...	...
1959	...	1,700	36	...	...	...	...	...	...	...	...
1960	...	1,500	58	...	...	...	...	...	...	...	...
1961	...	1,800	63	...	...	...	57	156	-	...	...
1962	34,616	800	173	...	35,589	44,200	168	160	-	44,528	80,117
1963	41,025	1,800	6	...	42,831	65,300	75	-	-	65,375	108,206
1964	29,451	1,100	231	...	30,782	45,400	68	-	-	45,468	76,250
1965	28,704	1,300	201	...	30,205	28,600	117	-	-	28,717	58,922
1966	31,214	1,100	9	...	32,323	34,100	157	109	-	34,366	66,689
1967	31,813	2,800	60	...	34,673	35,035	748	916	-	36,699	71,372
1968	24,292	2,300	183	...	26,775	34,216	63	2,496	-	36,775	63,550
1969	30,011	1,700	48	...	31,759	50,938	-	576	-	51,514	83,273
1970	33,987	1,600	726	2,820	39,133	31,800	-	1,332	-	33,132	72,265
1971	34,659	900	877	3,060	39,496	29,900	58	2,494	14	32,466	71,962
1972	45,329	1,762	865	3,498	51,454	36,400	66	2,172	-	38,638	90,092
1973	35,478	1,258	1,078	4,218	42,032	53,400	131	1,848	-	55,379	97,411
1974	39,029	1,039	1,389	4,719	46,176	36,500	-	890	-	37,390	83,566
1975	52,779	1,334	1,328	4,943	60,384	41,764	28	3,695	-	45,487	105,871
1976	64,513	3,423	1,312	4,138	73,386	54,239	45	10,136	5	64,425	137,811
1977	62,934	3,325	1,587	5,637	73,483	73,702	2	7,053	-	80,757	154,240
1978	49,394	3,337	1,146	4,243	58,120	70,411	-	11,714	-	82,125	140,245
1979	56,748	2,419	2,033	4,662	65,862	55,342	-	7,531	1	62,874	128,736
1980	54,045	2,243	2,162	4,142	62,592	64,695	-	15,318	103	80,116	142,708
1981	41,239	2,596	4,315	4,919	53,069	53,366	-	10,090	1	63,457	116,526
1982	44,739	4,108	5,150	4,738	58,735	53,270	23	4,079	-	57,372	116,107
1983	41,144	4,055	9,388	4,987	59,574	59,883	21	3,144	95	63,143	122,717
1984	46,156	3,465	8,556	5,176	63,353	46,245	1	5,919	16	52,181	115,534
1985	51,064	4,326	7,311	6,120	68,821	66,176	17	4,497	18	70,708	139,529
1986	46,485	2,865	7,509	6,480	63,339	102,245	-	1,939	-	104,184	167,523
1987	60,646	3,134	11,395	5,563	80,738	97,972	-	771	5	98,748	179,486
1988	50,166	4,112	7,305	6,439	68,022	68,003	2	1,051	-	69,056	137,078
1989	51,182	4,272	12,651	7,137	75,242	69,113	-	1,470	-	70,583	145,825
1990	66,807	3,868	12,143	8,851	91,669	90,699	-	4,701	11	95,411	187,080
1991	51,277	1,909	13,406	10,225	76,817	89,783	25	3,702	13	93,523	170,340
1992	63,429	1,873	19,484	9,105	93,891	77,073	-	5,488	9	82,570	176,461
1993	57,107	2,433	14,397	7,841	81,778	74,147	-	8,043	26	82,216	163,994
1994	66,977	3,014	11,321	10,026	91,338	69,142	-	28,683	692	98,517	189,855
1995	54,832	3,809	14,171	10,290	83,102	55,736	-	36,155	1,154	93,045	176,147
1996	48,808	3,863	17,515	11,348	81,534	42,344	-	50,728	625	93,697	175,231
1997	56,873	3,731	30,494	11,667	102,765	47,780	-	51,617	2	99,399	202,164
1998	66,556	2,886	18,626	15,135	103,203	44,233	-	35,143	12	79,388	182,591
1999	58,837	2,705	34,541	14,439	110,522	23,164	-	41,118	42	64,324	174,846
2000	56,812	2,877	30,665	16,186	106,540	27,304	-	70,098	-	97,402	203,942
2001	61,019	2,877	26,707	16,442	107,045	33,101	-	43,009	...	76,110	183,155

Table 81. 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	1	69,741	173,902
1955	157	92,524	2,906	12,664	108,252	51,558	6,503	1	58,062	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	10	55,297	162,238
1958	0	131,441	10,698	15,244	157,383	67,594	5,481	23	73,098	230,481
1959	33	145,447	16,941	14,853	177,274	69,495	9,477	24	78,996	256,270
1960	0	70,428	3,728	15,782	89,938	34,900	11,820	21	46,741	136,679
1961	0	127,011	11,693	18,032	156,736	27,497	40,614	384	68,495	225,231
1962	4	152,387	11,674	17,559	181,624	16,153	52,572	34	68,759	250,383
1963	0	94,757	9,592	18,354	122,703	16,549	76,829	2,318	95,696	218,399
1964	0	137,106	25,064	20,739	182,909	9,783	46,006	3,545	59,334	242,243
1965	0	129,933	4,670	20,601	155,204	19,137	58,246	999	78,382	233,586
1966	0	215,600	10,968	22,890	249,458	13,666	45,119	1,875	60,660	310,118
1967	0	168,846	10,954	24,864	204,664	17,871	97,962	4,906	120,739	325,403
1968	1	162,379	7,485	24,891	194,756	7,008	54,362	9,896	71,266	266,022
1969	53	168,084	4,400	30,031	202,568	6,591	40,879	11,763	59,233	261,801
1970	1,465	197,873	10,586	32,158	242,082	6,998	42,101	7,031	56,130	298,212
1971	1,291	180,945	14,987	29,148	226,371	11,102	87,131	6,590	104,823	331,194
1972	1,417	172,827	19,691	41,777	235,712	6,081	26,434	1,070	33,585	269,297
1973	1,608	253,065	21,547	50,326	326,546	8,789	34,737	569	44,095	370,641
1974	2,007	289,202	14,742	49,410	355,361	7,150	71,255	461	78,866	434,227
1975	1,827	218,271	18,237	50,176	288,511	13,366	110,083	487	123,936	412,447
1976	1,964	276,581	28,148	51,206	357,899	10,846	114,715	684	126,245	484,144
1977	3,049	294,641	40,122	66,420	404,232	7,218	77,228	1,968	86,414	490,646
1978	3,265	331,401	42,186	73,621	450,473	5,603	162,915	1,369	169,887	620,360
1979	2,286	280,593	65,124	60,400	408,403	5,931	124,673	1,446	132,050	540,453
1980	651	330,669	82,536	42,767	456,623	5,040	123,687	1,963	130,690	587,313
1981	857	292,368	94,931	48,203	436,359	5,780	112,948	906	119,634	555,993
1982	1,120	260,833	174,693	53,048	489,694	3,676	94,681	429	98,786	588,480
1983	2,226	298,627	324,603	56,842	682,298	4,112	53,150	903	58,165	740,463
1984	893	377,938	327,058	44,239	750,128	2,770	56,948	857	60,575	810,703
1985	1,104	249,159	309,469	43,553	603,285	918	48,375	200	49,493	652,778
1986	1,427	335,752	369,609	49,116	755,904	1,939	61,486	169	63,594	819,498
1987	2,317	260,957	373,331	47,825	684,430	2,230	59,941	197	62,368	746,798
1988	1,915	293,968	489,505	49,135	834,523	4,278	80,445	663	85,386	919,909
1989	2,510	284,448	477,572	48,453	812,983	2,892	88,468	1,033	92,393	905,376
1990	1,292	223,643	604,447	60,896	890,278	835	69,927	1,883	72,645	962,923
1991	1,541	287,409	773,669	65,326	1,127,946	1,670	59,707	1,900	63,277	1,191,223
1992	1,063	232,021	707,721	80,562	1,021,367	1,860	81,026	1,092	83,978	1,105,345
1993	940	276,542	581,792	58,480	917,754	3,633	81,500	2,256	87,389	1,005,143
1994	1,793	236,737	721,658	52,187	1,012,375	3,110	71,449	898	75,457	1,087,832
1995	1,390	269,903	724,106	60,671	1,056,070	5,237	130,974	2,038	138,249	1,194,319
1996	1,094	233,046	736,732	57,151	1,028,023	2,583	108,444	1,328	112,355	1,140,378
1997	1,333	253,160	653,203	58,582	966,278	3,292	158,398	119	161,809	1,128,087
1998	1,461	293,112	947,113	68,248	1,309,934	1,642	143,160	198	145,000	1,454,934
1999	1,623	281,697	785,865	75,264	1,144,449	2,106	264,643	1,353	268,102	1,412,551
2000	1,356	289,220	864,134	70,704	1,225,414	232	210,984	67	211,283	1,436,697
2001	1,560	291,844	843,412	75,221	1,212,037	448	143,885	0	144,333	1,356,370

Table 82. 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	8,919	-	65,921	15,856	879	82,656	91,575
1951	...	...	938	10,415	11,353	-	65,499	6,598	727	72,824	84,177
1952	23,443	2,595	2,565	10,539	39,142	-	66,108	13,735	1,067	80,910	120,052
1953	33,501	5,228	1,260	10,871	50,860	-	43,920	16,120	-	60,040	110,900
1954	36,067	4,268	4,001	11,763	56,099	-	46,541	7,625	-	54,166	110,265
1955	31,362	3,983	2,944	12,633	50,922	665	50,811	13,086	...	64,562	115,484
1956	23,612	4,399	724	12,818	41,553	1,578	58,828	21,470	...	81,876	123,429
1957	54,527	1,669	1,496	13,481	71,173	9,365	58,402	15,544	...	83,311	154,484
1958	55,097	2,934	3,338	14,682	76,051	7,803	46,776	20,560	...	75,139	151,190
1959	53,113	4,119	4,316	15,673	77,221	4,497	30,053	28,126	...	62,676	139,897
1960	62,839	1,872	1,438	15,919	82,068	7,629	26,199	79,976	...	113,804	195,872
1961	71,281	3,259	2,777	17,044	94,361	16,640	16,762	84,897	984	119,283	213,644
1962	59,172	4,225	6,975	18,150	88,522	14,118	11,855	59,597	0	85,570	174,092
1963	56,791	2,071	2,277	18,676	79,815	22,941	7,678	53,624	726	84,969	164,784
1964	48,521	5,073	3,647	20,183	77,424	20,002	4,327	83,547	776	108,652	186,076
1965	50,699	3,434	3,752	20,958	78,843	18,315	7,417	71,160	321	97,213	176,056
1966	67,302	2,192	5,844	23,409	98,747	10,906	5,852	74,228	531	91,517	190,264
1967	38,975	3,125	3,395	26,303	71,798	11,065	5,214	73,188	1,557	91,024	162,822
1968	44,941	2,706	6,888	26,084	80,619	16,500	4,698	93,942	3,376	118,516	199,135
1969	49,256	2,714	3,857	26,609	82,436	18,000	7,560	119,322	1,976	146,858	229,294
1970	53,080	2,007	9,299	29,422	93,808	14,000	4,688	145,867	5,071	169,626	263,434
1971	49,674	2,645	10,847	31,204	94,370	8,000	5,469	114,416	2,954	130,839	225,209
1972	51,090	7,440	11,765	35,749	106,044	16,300	6,149	169,467	1,512	193,428	299,472
1973	56,828	7,443	16,900	41,726	122,897	12,900	4,355	200,204	694	218,153	341,050
1974	54,102	6,559	19,574	46,997	127,232	10,000	8,659	200,451	1,254	220,364	347,596
1975	60,554	7,776	15,209	48,536	132,075	10,761	6,114	195,442	586	212,903	344,978
1976	70,735	17,143	16,826	40,666	145,370	15,607	3,688	232,266	373	251,934	397,304
1977	87,974	15,236	18,509	55,092	176,811	12,161	2,093	196,427	297	210,978	387,789
1978	109,384	12,705	13,863	38,491	174,443	10,138	4,172	175,747	615	190,672	365,115
1979	104,950	11,414	31,362	46,375	194,101	11,439	5,191	184,236	247	201,113	395,214
1980	117,423	13,041	35,614	43,906	209,984	13,588	1,649	156,878	898	173,013	382,997
1981	92,541	19,179	62,877	50,623	225,220	7,952	1,595	179,371	847	189,765	414,985
1982	83,824	13,729	73,542	48,226	219,321	10,943	1,605	123,272	206	136,026	355,347
1983	83,588	13,211	106,103	50,844	253,746	10,900	4,271	88,779	1,206	105,156	358,902
1984	69,752	13,504	109,681	53,698	246,635	10,309	3,090	141,635	336	155,370	402,005
1985	73,559	18,053	105,367	61,091	258,070	13,161	1,081	215,610	301	230,153	488,223
1986	62,080	12,960	104,719	64,673	244,432	22,748	2,519	265,473	282	291,022	535,454
1987	74,000	13,165	156,647	58,032	301,844	18,071	5,110	266,800	336	290,317	592,161
1988	81,081	12,424	99,244	65,704	258,453	13,267	3,743	283,318	973	301,301	559,754
1989	64,031	13,813	164,335	69,867	312,046	15,820	4,189	284,621	565	305,195	617,241
1990	72,335	13,045	175,239	90,238	350,857	30,402	2,664	268,871	1,751	303,688	654,545
1991	59,424	12,166	211,043	101,592	384,225	25,844	2,909	234,974	1,069	264,796	649,021
1992	71,655	16,210	241,753	85,039	414,657	16,250	3,885	232,811	3,153	256,099	670,756
1993	65,024	13,619	244,182	77,026	399,851	24,257	5,089	223,519	3,463	256,328	656,179
1994	73,345	14,469	224,757	98,688	411,259	29,345	3,755	213,177	1,455	247,732	658,991
1995	80,570	15,755	187,798	100,757	384,880	19,808	1,284	220,486	2,047	243,625	628,505
1996	76,895	16,061	122,221	109,676	324,853	15,042	3,733	245,313	1,056	265,144	589,997
1997	69,027	14,573	260,121	112,826	456,547	20,182	4,386	252,214	1,231	278,013	734,560
1998	62,353	17,206	272,503	146,456	498,518	15,009	5,126	260,261	330	280,726	779,244
1999	56,767	15,130	219,711	140,899	432,507	9,035	1,734	293,889	1,214	305,872	738,379
2000	69,050	16,324	207,458	157,034	449,866	16,117	2,417	269,872	371	288,777	738,643
2001	77,262	16,404	219,151	159,600	472,417	14,171	3,916	391,379	45	409,511	881,928

Table 83. 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		...		...		8,919		...
1951	32,485		...		106,576		11,353		...
1952	69,136		...		92,302		39,142		...
1953	61,853		...		80,321		50,860		...
1954	58,679		...		104,161		56,099		...
1955	49,291		...		108,252		50,922		...
1956	64,512		...		107,189		41,553		...
1957	79,556		...		106,941		71,173		...
1958	59,456		...		157,383		76,051		...
1959	48,179		...		177,274		77,221		...
1960	65,039		...		89,938		82,068		...
1961	60,102		...		156,736		94,361		...
1962	52,162	15	35,589	10	181,624	51	88,522	25	357,897
1963	59,373	19	42,831	14	122,703	40	79,815	26	304,722
1964	56,838	16	30,782	9	182,909	53	77,424	22	347,953
1965	77,726	23	30,205	9	155,204	45	78,843	23	341,978
1966	84,312	18	32,323	7	249,458	54	98,747	21	464,840
1967	93,459	23	34,673	9	204,664	51	71,798	18	404,594
1968	68,102	18	26,775	7	194,756	53	80,619	22	370,252
1969	75,716	19	31,759	8	202,568	52	82,436	21	392,479
1970	71,196	16	39,133	9	242,082	54	93,808	21	446,219
1971	98,758	22	39,496	9	226,371	49	94,370	21	458,995
1972	111,428	22	51,454	10	235,712	47	106,044	21	504,638
1973	121,053	20	42,032	7	326,546	53	122,897	20	612,528
1974	115,875	18	46,176	7	355,361	55	127,232	20	644,644
1975	89,472	16	60,384	11	288,511	51	132,075	23	570,442
1976	126,642	18	73,386	10	357,899	51	145,370	21	703,297
1977	76,694	10	73,483	10	404,232	55	176,811	24	731,220
1978	106,428	13	58,120	7	450,473	57	174,443	22	789,464
1979	88,703	12	65,862	9	408,403	54	194,101	26	757,069
1980	94,536	11	62,592	8	456,623	55	209,984	25	823,735
1981	79,364	10	53,069	7	436,359	55	225,220	28	794,012
1982	84,144	10	58,735	7	489,694	57	219,321	26	851,894
1983	64,303	6	59,574	6	682,298	64	253,746	24	1,059,921
1984	74,292	7	63,353	6	750,128	66	246,635	22	1,134,408
1985	74,357	7	68,821	7	603,285	60	258,070	26	1,004,533
1986	68,539	6	63,339	6	755,904	67	244,432	22	1,132,214
1987	66,664	6	80,738	7	684,430	60	301,844	27	1,133,676
1988	71,353	6	68,022	6	834,523	68	258,453	21	1,232,350
1989	89,878	7	75,242	6	812,983	63	312,046	24	1,290,149
1990	82,137	6	91,669	6	890,278	63	350,857	25	1,414,941
1991	62,301	4	76,817	5	1,127,946	68	384,225	23	1,651,289
1992	71,814	4	93,891	6	1,021,367	64	414,657	26	1,601,729
1993	72,083	5	81,778	6	917,754	62	399,851	27	1,471,466
1994	95,006	6	91,338	6	1,012,375	63	411,259	26	1,609,978
1995	88,332	5	83,102	5	1,056,070	65	384,880	24	1,612,384
1996	102,873	7	81,534	5	1,028,023	67	324,853	21	1,537,283
1997	125,460	8	102,765	6	966,278	59	456,547	28	1,651,050
1998	124,118	6	103,203	5	1,309,934	64	498,518	24	2,035,773
1999	147,770	8	110,522	6	1,144,449	62	432,507	24	1,835,248
2000	115,195	6	106,540	6	1,225,414	65	449,866	24	1,897,015
2001	116,627	6	107,045	6	1,212,037	64	472,417	25	1,908,126

Table 84. 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		3,780		25,594		...
1952	...		125,000		7,320		21,014		...
1953	...		106,095		5,250		22,603		...
1954	...		122,510		8,895		23,378		...
1955	...		124,743		6,135		25,441		...
1956	...		143,559		3,776		25,985		...
1957	...		148,525		4,358		25,678		...
1958	...		160,750		14,084		30,132		...
1959	...		165,518		21,293		30,805		...
1960	...		99,001		5,224		31,918		...
1961	...		150,709		14,533		35,355		...
1962	136,980	38	166,141	46	18,822	5	35,954	10	357,897
1963	130,471	43	125,064	41	11,875	4	37,312	12	304,722
1964	110,502	32	167,137	48	28,942	8	41,372	12	347,953
1965	115,491	34	176,158	52	8,623	3	41,706	12	341,978
1966	159,258	34	241,722	52	16,821	4	47,039	10	464,840
1967	132,991	33	205,252	51	14,409	4	51,942	13	404,594
1968	118,321	32	183,982	50	14,556	4	53,393	14	370,252
1969	120,303	31	204,410	52	8,305	2	59,461	15	392,479
1970	134,152	30	225,843	51	20,611	5	65,613	15	446,219
1971	128,369	28	237,547	52	26,711	6	66,368	14	458,995
1972	143,383	28	242,720	48	32,321	6	86,214	17	504,638
1973	142,288	23	330,674	54	39,525	6	100,041	16	612,528
1974	133,146	21	371,173	58	35,705	6	104,620	16	644,644
1975	150,315	26	279,633	49	34,774	6	105,720	19	570,442
1976	175,628	25	382,583	54	46,286	7	98,800	14	703,297
1977	196,231	27	345,236	47	60,218	8	129,535	18	731,220
1978	199,562	25	407,420	52	57,195	7	125,287	16	789,464
1979	200,234	26	339,491	45	98,519	13	118,825	16	757,069
1980	211,050	26	393,178	48	120,312	15	99,195	12	823,735
1981	171,361	22	342,317	43	162,123	20	118,211	15	794,012
1982	163,867	19	308,710	36	253,385	30	125,932	15	851,894
1983	158,643	15	337,598	32	440,094	42	123,586	12	1,059,921
1984	143,780	13	421,952	37	445,295	39	123,381	11	1,134,408
1985	156,598	16	293,750	29	422,147	42	132,038	13	1,004,533
1986	146,580	13	368,105	33	481,837	43	135,692	12	1,132,214
1987	169,385	15	296,505	26	541,373	48	126,413	11	1,133,676
1988	170,082	14	317,318	26	596,054	48	148,897	12	1,232,350
1989	148,966	12	311,216	24	654,558	51	175,409	14	1,290,149
1990	173,766	12	249,448	18	791,829	56	199,898	14	1,414,941
1991	147,737	9	308,601	19	998,118	60	196,832	12	1,651,289
1992	171,250	11	264,003	16	968,958	60	197,518	12	1,601,729
1993	171,244	12	305,465	21	840,371	57	154,386	10	1,471,466
1994	195,856	12	280,676	17	957,736	59	175,710	11	1,609,978
1995	189,316	12	310,667	19	926,075	57	186,326	12	1,612,384
1996	184,057	12	273,296	18	876,468	57	203,462	13	1,537,283
1997	199,795	12	303,796	18	943,818	57	203,641	12	1,651,050
1998	211,187	10	336,240	17	1,238,242	61	250,105	12	2,035,773
1999	196,555	11	350,048	19	1,040,117	57	248,528	14	1,835,248
2000	208,224	11	327,311	17	1,102,257	58	259,223	14	1,897,015
2001	221,874	12	329,932	17	1,089,270	57	267,050	14	1,908,126

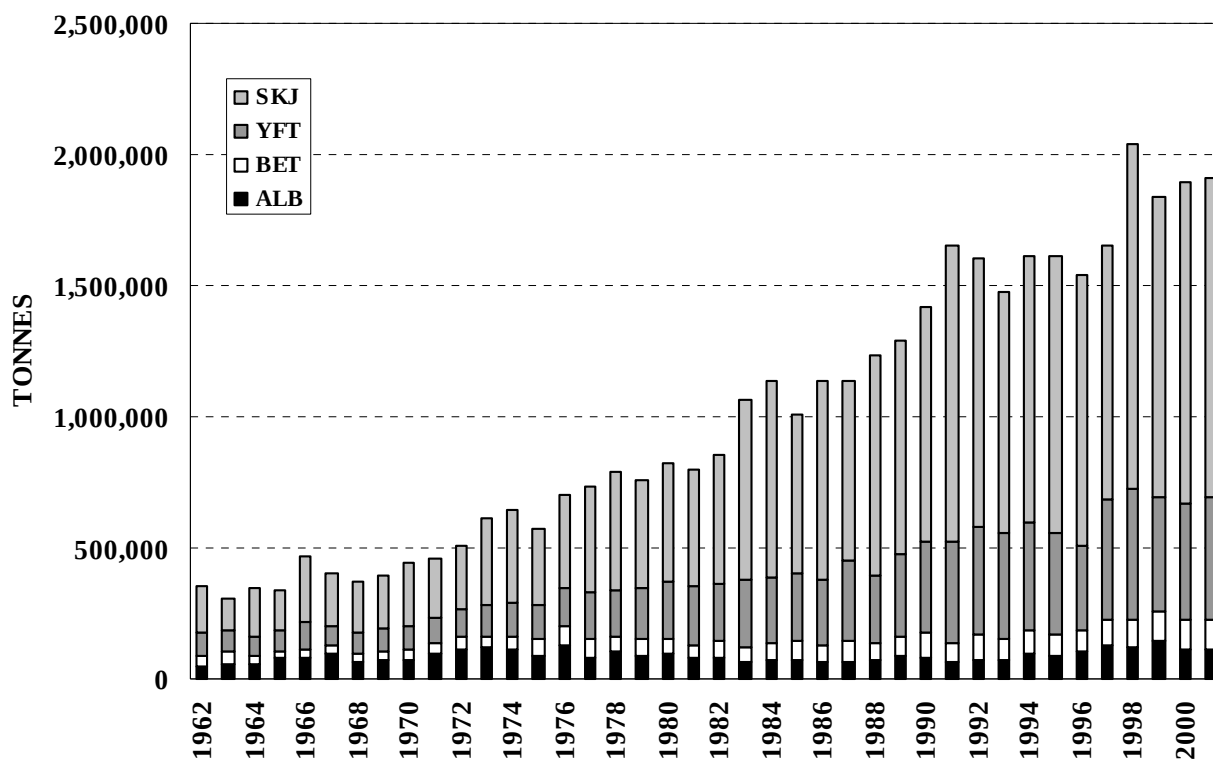


Figure 107. Catches (tonnes) of albacore (ALB), bigeye (BET), skipjack (SKJ) and yellowfin (YFT) in the WCPO

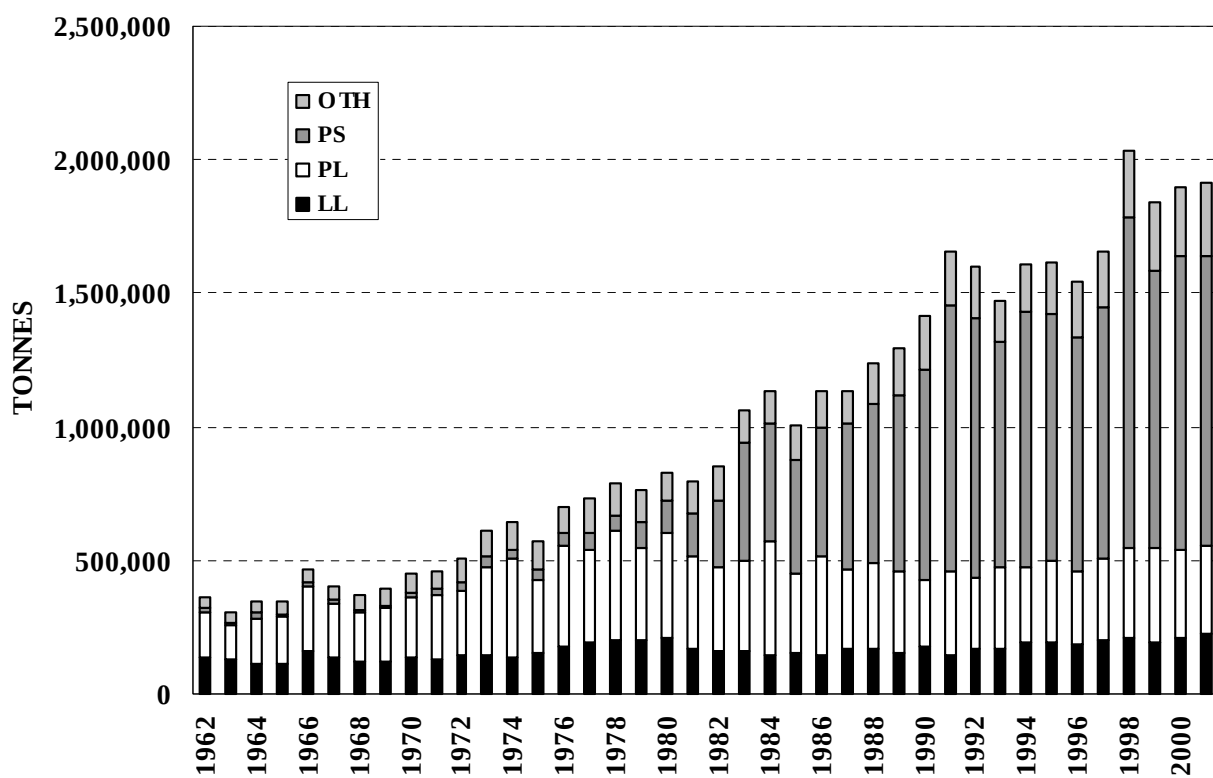


Figure 108. Catches (tonnes) by longline (LL), pole-and-line (PL), purse seine (PS) and other gear types (OTH) in the WCPO

Table 85. 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	JAPAN
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	267,781
1963	-	-	-	-	-	-	-	-	9,505	205,407
1964	-	-	-	-	-	-	-	-	10,327	246,877
1965	-	-	-	-	-	-	-	-	11,223	211,777
1966	-	-	-	-	-	-	-	-	12,198	320,551
1967	-	-	-	-	-	-	-	-	13,260	251,964
1968	-	-	-	-	-	-	-	-	14,417	233,675
1969	-	-	-	-	-	-	-	-	15,677	244,047
1970	-	-	-	-	-	-	-	-	17,600	276,330
1971	-	-	-	-	-	-	-	-	18,100	240,320
1972	-	-	-	-	-	-	-	-	28,600	258,536
1973	-	-	-	-	-	-	-	-	32,500	321,022
1974	-	-	-	-	-	12	-	-	33,779	331,362
1975	-	1,900	-	-	-	11	...	-	34,378	284,571
1976	-	47	-	-	-	742	...	-	33,375	358,929
1977	-	31	-	-	-	1,711	...	-	37,235	400,903
1978	-	275	-	-	-	2,524	...	-	40,024	423,678
1979	-	0	-	-	-	3,494	696	-	50,973	389,869
1980	-	17	-	-	-	2,496	936	21	61,795	446,327
1981	-	352	-	-	-	5,836	1,001	33	68,809	395,218
1982	10	232	-	-	-	4,428	1,034	108	74,056	434,152
1983	36	223	-	-	-	3,741	836	72	84,532	501,344
1984	80	139	-	-	-	4,572	1,250	129	96,662	571,509
1985	36	9	-	-	-	3,946	836	90	101,905	446,038
1986	85	91	-	-	-	3,125	961	59	111,733	522,888
1987	65	1,315	-	-	-	3,889	878	45	124,175	450,896
1988	92	1,633	44	-	-	3,891	715	133	129,922	528,049
1989	79	2,267	144	-	-	5,186	754	74	145,320	453,584
1990	34	6,699	449	-	-	3,762	1,734	99	142,237	417,820
1991	31	9,135	1,007	-	11,338	5,090	1,844	74	169,046	446,786
1992	42	9,140	2,715	-	15,472	4,547	1,709	117	218,353	417,761
1993	20	6,861	6,418	-	16,788	4,503	1,587	73	196,325	452,817
1994	84	4,945	12,669	20	21,696	5,095	1,830	117	215,951	392,868
1995	102	5,806	10,581	39	6,489	6,266	2,316	123	229,432	404,820
1996	57	4,791	6,018	11	7,819	5,316	1,967	157	256,975	342,685
1997	51	7,416	3,662	...	8,776	2,472	1,867	136	252,598	402,328
1998	80	4,632	3,271	...	15,232	1,846	2,484	148	335,016	460,395
1999	119	6,913	4,042	...	11,386	1,756	2,559	112	332,253	350,833
2000	130	6,463	4,188	...	22,262	3,554	3,263	156	361,384	401,163
2001	326	4,243	7,236	...	16,508	3,283	3,323	178	(361,384)	407,903

Table 85 (continued). Total catches (tonnes) of bigeye, skipjack and yellowfin in the WCPO by fishing nation

YEAR	KIRIBATI	KOREA	MARSHALL ISLANDS	MEXICO	NEW CALEDONIA	NEW ZEALAND	NORTHERN MARIANAS	PALAU	PAPUA NEW GUINEA	PHILIPPINES
1950	...	-	-	-	-	-	-	-	-	12,132
1951	...	-	-	-	-	-	-	-	-	12,774
1952	...	-	-	-	-	-	-	-	-	13,454
1953	...	-	-	-	-	-	-	-	-	14,174
1954	...	-	-	-	-	-	-	-	-	14,937
1955	...	-	-	-	-	-	-	-	-	15,747
1956	...	-	-	-	-	-	-	-	-	16,605
1957	...	-	-	-	-	-	-	-	-	17,514
1958	...	88	-	-	-	-	-	-	-	18,477
1959	...	91	-	-	-	-	-	-	-	19,501
1960	...	134	-	-	-	-	-	-	-	20,585
1961	...	55	-	-	-	-	-	-	-	21,735
1962	...	73	-	-	-	-	-	-	-	22,957
1963	...	494	-	-	-	-	-	-	-	24,252
1964	...	759	-	-	-	-	-	1,166	-	25,626
1965	...	2,733	-	-	-	-	-	2,670	-	27,084
1966	...	4,288	-	-	-	-	-	2,686	-	28,632
1967	...	4,770	-	-	-	-	-	3,406	-	30,275
1968	...	4,318	-	-	-	-	-	5,056	-	32,021
1969	...	6,813	-	-	-	-	-	4,762	-	33,875
1970	...	4,985	-	-	-	-	-	8,082	2,428	52,000
1971	...	4,772	-	-	-	-	-	2,143	16,974	57,200
1972	...	7,823	-	-	-	-	-	1,519	13,130	60,700
1973	...	9,176	-	-	-	-	-	2,350	28,216	70,900
1974	...	7,328	-	-	-	1	-	6,808	41,630	81,188
1975	...	23,082	-	-	-	1	-	6,269	17,369	84,450
1976	...	35,456	-	-	-	0	-	5,323	32,921	73,653
1977	...	32,268	-	-	-	0	-	4,012	24,115	118,149
1978	...	21,800	-	-	-	15	-	9,694	48,859	87,319
1979	...	30,869	-	-	-	16	-	5,688	26,857	94,308
1980	1,812	36,503	-	-	-	51	-	6,576	33,994	77,505
1981	2,376	20,164	-	-	229	26	-	9,411	31,412	94,616
1982	2,269	28,192	-	-	868	2	-	4,053	-	104,047
1983	3,406	30,612	-	-	449	5,821	94	-	-	118,529
1984	3,843	28,090	-	468	38	4,232	142	-	2,744	105,217
1985	2,531	31,384	-	6,600	150	2,460	86	97	9,300	137,308
1986	3,226	47,449	-	-	188	4,882	123	131	-	145,097
1987	2,246	83,905	-	-	539	3,770	79	161	-	141,461
1988	3,284	102,180	-	-	508	3,514	129	157	-	124,786
1989	4,094	133,307	-	-	305	5,439	123	77	-	151,124
1990	2,407	201,472	-	-	677	4,109	73	88	-	204,808
1991	2,036	247,726	-	-	627	5,306	59	-	-	224,530
1992	2,363	208,361	6	-	400	1,037	49	75	-	167,045
1993	2,104	147,348	136	-	539	1,028	50	100	8	136,014
1994	3,131	224,404	53	-	515	3,196	47	100	1,381	168,299
1995	5,423	200,339	31	-	942	1,852	70	100	12,694	198,941
1996	6,645	174,471	...	-	787	3,848	93	100	10,533	205,324
1997	7,020	179,538	-	-	700	6,823	70	100	19,298	212,457
1998	9,531	226,819	-	-	683	8,628	82	100	50,401	239,742
1999	7,885	165,267	-	-	926	6,238	60	100	38,557	234,582
2000	6,785	195,304	7,655	-	767	14,166	226	100	68,206	231,681
2001	6,431	201,421	36,598	-	698	9,585	297	100	95,148	223,945

Table 85 (continued). Total catches (tonnes) of bigeye, skipjack and yellowfin in the WCPO by fishing nation

YEAR	RUSSIA	SAMOA	SOLOMON ISLANDS	SPAIN	TAIWAN	TONGA	TUVALU	UNITED STATES	VANUATU	TOTAL
1950	-	-	-	-	...	-	-	1,084	-	...
1951	-	-	-	-	...	-	-	1,221	-	...
1952	-	-	-	-	...	-	-	1,389	-	...
1953	-	-	-	-	...	-	-	1,456	-	...
1954	-	-	-	-	1,192	-	-	1,439	-	...
1955	-	-	-	-	2,724	-	-	1,355	-	...
1956	-	-	-	-	2,377	-	-	1,142	-	...
1957	-	-	-	-	2,109	-	-	856	-	...
1958	-	-	-	-	1,753	-	-	834	-	...
1959	-	-	-	-	1,568	-	-	804	-	...
1960	-	-	-	-	1,301	-	-	704	-	...
1961	-	-	-	-	2,606	-	-	621	-	...
1962	-	-	-	-	5,513	-	-	662	-	305,735
1963	-	-	-	-	5,149	-	-	542	-	245,349
1964	-	-	-	-	5,848	-	-	512	-	291,115
1965	-	-	-	-	8,267	-	-	498	-	264,252
1966	-	-	-	-	11,668	-	-	505	-	380,528
1967	-	-	-	-	7,026	-	-	434	-	311,135
1968	-	-	-	-	12,307	-	-	356	-	302,150
1969	-	-	-	-	11,164	-	-	425	-	316,763
1970	-	-	-	-	13,132	-	-	484	-	375,041
1971	-	-	4,711	-	15,613	-	-	426	-	360,259
1972	-	-	7,905	-	14,611	-	-	411	-	393,235
1973	-	-	6,620	-	20,412	-	-	293	-	491,489
1974	-	-	10,332	-	16,014	-	-	338	-	528,792
1975	-	-	7,094	-	21,593	-	-	277	-	480,995
1976	-	-	15,757	-	19,447	-	-	1,048	-	576,698
1977	-	-	12,193	-	22,608	-	-	1,322	-	654,547
1978	-	-	18,344	-	29,143	-	-	1,423	-	683,098
1979	-	-	24,268	-	32,426	-	-	11,852	-	671,316
1980	-	-	23,216	-	26,375	-	-	13,462	-	731,086
1981	-	-	22,830	-	23,805	-	-	40,438	-	716,556
1982	-	-	20,063	-	20,145	99	216	75,282	-	769,256
1983	-	-	33,413	-	31,913	65	337	181,385	-	996,808
1984	-	-	35,596	-	44,345	83	540	162,027	-	1,061,706
1985	2,111	-	29,985	-	46,376	59	4	109,819	-	931,130
1986	4,175	-	42,249	-	54,675	46	390	123,158	-	1,064,731
1987	8,995	-	29,437	-	72,196	47	632	143,869	-	1,068,600
1988	6,189	-	40,513	-	97,883	34	1,090	118,051	-	1,162,796
1989	4,935	-	34,262	-	116,231	40	149	144,119	-	1,201,613
1990	2,126	-	26,612	-	150,945	40	90	167,027	-	1,333,308
1991	3,715	-	46,888	-	195,059	26	29	219,647	-	1,590,000
1992	2,126	-	30,558	-	242,896	26	8	205,888	-	1,530,694
1993	8,714	87	28,006	-	188,684	98	-	202,041	-	1,400,349
1994	6,722	95	33,925	-	204,760	68	-	212,704	820	1,515,495
1995	...	268	49,641	-	209,846	82	-	173,039	6,818	1,526,060
1996	...	600	38,597	-	205,991	148	-	154,638	9,213	1,436,784
1997	...	1,390	47,333	-	196,929	169	-	150,138	26,464	1,527,735
1998	...	1,149	48,008	-	285,183	211	-	180,676	39,168	1,913,484
1999	...	964	45,526	8,613	234,871	275	-	188,203	47,657	1,689,697
2000	...	1,297	12,279	12,896	262,518	295	-	131,129	35,630	1,783,497
2001	...	655	17,798	2,402	272,354	450	-	120,828	0	1,793,094

Table 86. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the EPO. Symbols: '...' = missing data.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	32,746		...		56,574		82,656		...
1951	15,629		...		52,516		72,824		...
1952	25,216		...		38,435		80,910		...
1953	15,757		...		55,983		60,040		...
1954	12,393		...		69,741		54,166		...
1955	13,841		...		58,062		64,562		...
1956	19,233		...		68,175		81,876		...
1957	21,469		...		55,297		83,311		...
1958	14,903		...		73,098		75,139		...
1959	20,995		...		78,996		62,676		...
1960	20,661		...		46,741		113,804		...
1961	16,253		...		68,495		119,283		...
1962	30,328	13	44,528	19	68,759	30	85,570	37	229,185
1963	40,651	14	65,375	23	95,696	33	84,969	30	286,691
1964	28,515	12	45,468	19	59,334	25	108,652	45	241,969
1965	21,408	9	28,717	13	78,382	35	97,213	43	225,720
1966	21,230	10	34,366	17	60,660	29	91,517	44	207,773
1967	30,277	11	36,699	13	120,739	43	91,024	33	278,739
1968	30,935	12	36,775	14	71,266	28	118,516	46	257,492
1969	24,224	9	51,514	18	59,233	21	146,858	52	281,829
1970	31,057	11	33,132	11	56,130	19	169,626	59	289,945
1971	29,039	10	32,466	11	104,823	35	130,839	44	297,167
1972	32,433	11	38,638	13	33,585	11	193,428	65	298,084
1973	24,199	7	55,379	16	44,095	13	218,153	64	341,826
1974	32,023	9	37,390	10	78,866	21	220,364	60	368,643
1975	27,388	7	45,487	11	123,936	30	212,903	52	409,714
1976	22,992	5	64,425	14	126,245	27	251,934	54	465,596
1977	22,012	6	80,757	20	86,414	22	210,978	53	400,161
1978	29,370	6	82,125	17	169,887	36	190,672	40	472,054
1979	12,091	3	62,874	15	132,050	32	201,113	49	408,128
1980	13,279	3	80,116	20	130,690	33	173,013	44	397,098
1981	26,656	7	63,457	16	119,634	30	189,765	47	399,512
1982	15,180	5	57,372	19	98,786	32	136,026	44	307,364
1983	16,035	7	63,143	26	58,165	24	105,156	43	242,499
1984	17,369	6	52,181	18	60,575	21	155,370	54	285,495
1985	16,333	4	70,708	19	49,493	13	230,153	63	366,687
1986	13,501	3	104,184	22	63,594	13	291,022	62	472,301
1987	11,956	3	98,748	21	62,368	13	290,317	63	463,389
1988	15,275	3	69,056	15	85,386	18	301,301	64	471,018
1989	7,360	2	70,583	15	92,393	19	305,195	64	475,531
1990	9,301	2	95,411	20	72,645	15	303,688	63	481,045
1991	9,547	2	93,523	22	63,277	15	264,796	61	431,143
1992	20,585	5	82,570	19	83,978	19	256,099	58	443,232
1993	17,259	4	82,216	19	87,389	20	256,328	58	443,192
1994	19,890	5	98,517	22	75,457	17	247,732	56	441,596
1995	11,306	2	93,045	19	138,249	28	243,625	50	486,225
1996	11,266	2	93,697	19	112,355	23	265,144	55	482,462
1997	12,745	2	99,399	18	161,809	29	278,013	50	551,966
1998	14,053	3	79,388	15	145,000	28	280,726	54	519,167
1999	14,771	2	64,324	10	268,102	41	305,872	47	653,069
2000	15,793	3	97,402	16	211,283	34	288,777	47	613,255
2001	20,100	3	76,110	12	144,333	22	409,511	63	650,054

Table 87. 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		...		...		91,575		...
1951	48,114		...		159,092		84,177		...
1952	94,352		...		130,737		120,052		...
1953	77,610		...		136,304		110,900		...
1954	71,072		...		173,902		110,265		...
1955	63,132		...		166,314		115,484		...
1956	83,745		...		175,364		123,429		...
1957	101,025		...		162,238		154,484		...
1958	74,359		...		230,481		151,190		...
1959	69,174		...		256,270		139,897		...
1960	85,700		...		136,679		195,872		...
1961	76,355		...		225,231		213,644		...
1962	82,490	14	80,117	14	250,383	43	174,092	30	587,082
1963	100,024	17	108,206	18	218,399	37	164,784	28	591,413
1964	85,353	14	76,250	13	242,243	41	186,076	32	589,922
1965	99,134	17	58,922	10	233,586	41	176,056	31	567,698
1966	105,542	16	66,689	10	310,118	46	190,264	28	672,613
1967	123,736	18	71,372	10	325,403	48	162,822	24	683,333
1968	99,037	16	63,550	10	266,022	42	199,135	32	627,744
1969	99,940	15	83,273	12	261,801	39	229,294	34	674,308
1970	102,253	14	72,265	10	298,212	41	263,434	36	736,164
1971	127,797	17	71,962	10	331,194	44	225,209	30	756,162
1972	143,861	18	90,092	11	269,297	34	299,472	37	802,722
1973	145,252	15	97,411	10	370,641	39	341,050	36	954,354
1974	147,898	15	83,566	8	434,227	43	347,596	34	1,013,287
1975	116,860	12	105,871	11	412,447	42	344,978	35	980,156
1976	149,634	13	137,811	12	484,144	41	397,304	34	1,168,893
1977	98,706	9	154,240	14	490,646	43	387,789	34	1,131,381
1978	135,798	11	140,245	11	620,360	49	365,115	29	1,261,518
1979	100,794	9	128,736	11	540,453	46	395,214	34	1,165,197
1980	107,815	9	142,708	12	587,313	48	382,997	31	1,220,833
1981	106,020	9	116,526	10	555,993	47	414,985	35	1,193,524
1982	99,324	9	116,107	10	588,480	51	355,347	31	1,159,258
1983	80,338	6	122,717	9	740,463	57	358,902	28	1,302,420
1984	91,661	6	115,534	8	810,703	57	402,005	28	1,419,903
1985	90,690	7	139,529	10	652,778	48	488,223	36	1,371,220
1986	82,040	5	167,523	10	819,498	51	535,454	33	1,604,515
1987	78,620	5	179,486	11	746,798	47	592,161	37	1,597,065
1988	86,628	5	137,078	8	919,909	54	559,754	33	1,703,368
1989	97,238	6	145,825	8	905,376	51	617,241	35	1,765,680
1990	91,438	5	187,080	10	962,923	51	654,545	35	1,895,986
1991	71,848	3	170,340	8	1,191,223	57	649,021	31	2,082,432
1992	92,399	5	176,461	9	1,105,345	54	670,756	33	2,044,961
1993	89,342	5	163,994	9	1,005,143	52	656,179	34	1,914,658
1994	114,896	6	189,855	9	1,087,832	53	658,991	32	2,051,574
1995	99,638	5	176,147	8	1,194,319	57	628,505	30	2,098,609
1996	114,139	6	175,231	9	1,140,378	56	589,997	29	2,019,745
1997	138,205	6	202,164	9	1,128,087	51	734,560	33	2,203,016
1998	138,171	5	182,591	7	1,454,934	57	779,244	30	2,554,940
1999	162,541	7	174,846	7	1,412,551	57	738,379	30	2,488,317
2000	130,988	5	203,942	8	1,436,697	57	738,643	29	2,510,270
2001	136,727	5	183,155	7	1,356,370	53	881,928	34	2,558,180

Table 88. 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	62,136	17	63,596	17	111,358	30	130,961	36	368,051
1981	60,071	14	67,753	16	131,060	32	155,818	38	414,702
1982	73,616	16	73,493	16	154,909	33	165,001	35	467,019
1983	67,643	16	59,384	14	135,038	32	165,373	39	427,438
1984	59,842	16	71,051	19	126,826	34	113,939	31	371,658
1985	76,051	18	78,215	18	118,713	28	156,547	36	429,526
1986	88,553	21	65,395	15	122,172	29	146,534	35	422,654
1987	82,738	21	55,975	14	114,565	29	144,428	36	397,706
1988	68,048	17	65,796	16	139,962	34	135,219	33	409,025
1989	63,340	15	78,067	19	116,119	28	161,321	39	418,847
1990	67,167	14	84,336	17	138,658	29	192,456	40	482,617
1991	56,342	11	95,929	18	213,800	40	166,152	31	532,223
1992	69,598	14	99,011	20	161,420	33	162,299	33	492,328
1993	72,442	13	112,188	21	192,355	36	160,127	30	537,112
1994	70,507	13	132,195	24	175,523	32	170,522	31	548,747
1995	67,512	13	126,272	25	161,631	32	152,019	30	507,434
1996	60,352	12	121,541	25	150,285	31	153,372	32	485,550
1997	59,114	13	106,843	24	144,428	32	138,202	31	448,587
1998	58,757	13	109,820	24	147,739	32	148,030	32	464,346
1999	67,189	13	123,754	25	166,436	33	143,945	29	501,324
2000	69,262	16	99,982	23	139,302	31	135,231	30	443,777
2001	...	...	...	...	...	...	...	...	...

Table 89. 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	60	0	702	3	17,895	74	5,570	23	24,227
1953	915	3	1,778	6	16,431	60	8,392	30	27,516
1954	2,274	6	4,627	12	18,069	46	14,224	36	39,194
1955	2,520	5	5,860	11	18,596	34	27,151	50	54,127
1956	4,142	6	9,482	13	21,674	31	35,083	50	70,381
1957	3,715	6	7,271	12	23,608	40	25,010	42	59,604
1958	4,830	9	6,407	12	22,471	43	18,942	36	52,650
1959	8,392	15	5,706	10	22,686	40	20,201	35	56,985
1960	9,193	13	9,754	14	21,881	31	29,011	42	69,839
1961	12,431	16	9,146	12	26,275	35	27,594	37	75,446
1962	16,138	17	14,169	15	21,262	23	41,073	44	92,642
1963	11,774	15	9,064	12	28,271	37	27,652	36	76,761
1964	15,306	19	14,000	17	24,983	31	27,343	33	81,632
1965	14,706	16	15,600	17	30,491	33	31,334	34	92,131
1966	13,640	12	17,527	39	36,361	33	42,909	39	110,437
1967	26,366	19	23,310	16	42,962	30	48,708	34	141,346
1968	16,899	10	34,551	19	46,197	26	80,237	45	177,884
1969	25,475	16	27,757	17	41,907	26	64,342	40	159,481
1970	14,354	11	24,913	19	47,491	37	41,774	33	128,532
1971	12,015	10	20,432	17	44,942	38	40,954	35	118,343
1972	11,708	10	18,817	17	40,160	35	42,755	38	113,440
1973	22,600	19	15,826	13	43,837	37	35,618	30	117,881
1974	29,294	20	26,525	18	55,780	37	37,614	25	149,213
1975	10,883	9	36,182	28	42,546	34	37,357	29	126,968
1976	14,637	12	27,748	23	42,781	35	37,337	30	122,503
1977	11,755	8	34,264	24	35,305	25	58,846	42	140,170
1978	17,485	12	48,707	33	33,873	23	48,286	33	148,351
1979	17,459	13	33,346	25	40,690	30	42,325	32	133,820
1980	13,293	10	34,357	25	48,933	36	38,229	28	134,812
1981	14,643	10	34,975	25	50,082	35	41,398	29	141,098
1982	23,916	14	43,151	25	53,573	31	51,586	30	172,226
1983	18,849	10	49,408	25	64,465	33	61,319	32	194,041
1984	16,694	6	42,710	16	107,080	40	99,690	37	266,174
1985	10,635	3	51,157	16	133,456	42	120,710	38	315,958
1986	29,527	8	50,143	14	148,264	41	137,278	38	365,212
1987	28,466	7	63,498	16	162,266	40	154,777	38	409,007
1988	26,873	5	72,014	14	197,927	39	207,571	41	504,385
1989	20,849	4	59,152	12	246,678	49	177,669	35	504,348
1990	29,966	6	62,539	12	227,500	44	202,315	39	522,320
1991	28,816	5	66,048	12	242,531	43	223,303	40	560,698
1992	20,036	3	58,746	9	268,053	43	274,169	44	621,004
1993	17,874	2	89,068	12	284,096	38	347,294	47	738,332
1994	23,158	3	95,655	14	319,707	45	264,888	38	703,408
1995	23,325	3	109,945	15	308,720	42	288,934	40	730,924
1996	26,064	3	120,871	16	283,535	37	328,533	43	759,003
1997	29,053	4	137,033	18	297,976	40	285,216	38	749,278
1998	39,482	5	138,942	18	312,635	41	272,091	36	763,150
1999	40,012	4	143,691	16	404,381	45	316,058	35	904,142
2000	41,178	5	126,467	15	393,388	46	294,412	34	855,445
2001	...	...	...	...	...	...	...	...	...

Table 90. 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		...		...		94,805		...
1951	82,269		...		166,445		87,765		...
1952	126,809		...		150,442		128,409		...
1953	108,642		...		154,802		122,892		...
1954	113,325		...		194,061		127,896		...
1955	97,076		...		187,498		146,935		...
1956	128,808		...		199,693		165,109		...
1957	147,587		...		187,977		203,192		...
1958	132,684		...		255,060		210,713		...
1959	132,193		...		281,212		217,867		...
1960	157,860		...		162,994		293,779		...
1961	142,058		...		257,378		300,313		...
1962	175,854	21	117,351	14	282,929	33	273,287	32	849,421
1963	189,258	22	143,255	17	266,702	31	257,353	30	856,568
1964	191,012	22	113,739	13	286,026	33	282,764	32	873,541
1965	204,572	23	113,756	13	288,158	33	275,542	31	882,028
1966	194,212	20	109,273	11	369,312	38	292,070	30	964,867
1967	225,052	22	119,710	12	392,724	39	272,122	27	1,009,608
1968	187,799	18	121,827	12	360,594	35	363,426	35	1,033,646
1969	201,894	19	147,776	14	333,019	31	387,795	36	1,070,484
1970	186,915	17	139,475	13	395,958	36	379,539	34	1,101,887
1971	222,753	19	148,168	13	454,574	39	339,970	29	1,165,465
1972	238,899	20	156,079	13	386,808	32	436,313	36	1,218,099
1973	243,538	18	170,213	12	492,869	36	471,795	34	1,378,415
1974	249,681	16	174,160	11	607,304	40	492,351	32	1,523,496
1975	187,298	13	203,354	14	511,020	36	507,131	36	1,408,803
1976	241,617	15	210,861	13	596,270	37	559,601	35	1,608,349
1977	186,560	11	243,384	15	636,528	39	577,648	35	1,644,120
1978	227,089	13	241,645	14	762,348	43	547,445	31	1,778,527
1979	193,079	12	208,057	13	670,839	41	565,056	35	1,637,031
1980	183,244	11	240,661	14	747,604	43	552,187	32	1,723,696
1981	180,734	10	219,254	13	737,135	42	612,201	35	1,749,324
1982	196,856	11	232,751	13	796,962	44	571,934	32	1,798,503
1983	166,830	9	231,509	12	939,966	49	585,594	30	1,923,899
1984	168,197	8	229,295	11	1,044,609	51	615,634	30	2,057,735
1985	177,376	8	268,901	13	904,947	43	765,480	36	2,116,704
1986	200,120	8	283,061	12	1,089,934	46	819,266	34	2,392,381
1987	189,824	8	298,959	12	1,023,629	43	891,366	37	2,403,778
1988	181,549	7	274,888	11	1,257,798	48	902,544	34	2,616,778
1989	181,427	7	283,044	11	1,268,173	47	956,231	36	2,688,875
1990	188,571	7	333,955	12	1,329,081	46	1,049,316	36	2,900,923
1991	157,006	5	332,317	10	1,647,554	52	1,038,476	33	3,175,353

Table 91. 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	...		...		42,335		15,230		...
1951	...		...		37,617		9,130		...
1952	...		...		39,012		24,227		...
1953	...		...		38,735		27,516		...
1954	...		...		48,408		39,194		...
1955	...		...		43,120		54,127		...
1956	...		...		52,942		70,381		...
1957	...		...		77,396		59,604		...
1958	...		...		100,474		52,650		...
1959	...		...		122,384		56,985		...
1960	...		...		145,384		69,839		...
1961	...		...		135,231		75,446		...
1962	357,897	42	229,185	27	169,697	20	92,642	11	849,421
1963	304,722	36	286,691	33	188,394	22	76,761	9	856,568
1964	347,953	40	241,969	28	201,987	23	81,632	9	873,541
1965	341,978	39	225,720	26	222,199	25	92,131	10	882,028
1966	464,840	48	207,773	22	181,817	19	110,437	11	964,867
1967	404,594	40	278,739	28	184,929	18	141,346	14	1,009,608
1968	370,252	36	257,492	25	228,018	22	177,884	17	1,033,646
1969	392,479	37	281,829	26	236,695	22	159,481	15	1,070,484
1970	446,219	40	289,945	26	237,191	22	128,532	12	1,101,887
1971	458,995	39	297,167	25	290,960	25	118,343	10	1,165,465
1972	504,638	41	298,084	24	301,937	25	113,440	9	1,218,099
1973	612,528	44	341,826	25	306,180	22	117,881	9	1,378,415
1974	644,644	42	368,643	24	360,996	24	149,213	10	1,523,496
1975	570,442	40	409,714	29	301,679	21	126,968	9	1,408,803
1976	703,297	44	465,596	29	316,953	20	122,503	8	1,608,349
1977	731,220	44	400,161	24	372,569	23	140,170	9	1,644,120
1978	789,464	44	472,054	27	368,658	21	148,351	8	1,778,527
1979	757,069	46	408,128	25	338,014	21	133,820	8	1,637,031
1980	823,735	48	397,098	23	368,051	21	134,812	8	1,723,696
1981	794,012	45	399,512	23	414,702	24	141,098	8	1,749,324
1982	851,894	47	307,364	17	467,019	26	172,226	10	1,798,503
1983	1,059,921	55	242,499	13	427,438	22	194,041	10	1,923,899
1984	1,134,408	55	285,495	14	371,658	18	266,174	13	2,057,735
1985	1,004,533	47	366,687	17	429,526	20	315,958	15	2,116,704
1986	1,132,214	47	472,301	20	422,654	18	365,212	15	2,392,381
1987	1,133,676	47	463,389	19	397,706	17	409,007	17	2,403,778
1988	1,232,350	47	471,018	18	409,025	16	504,385	19	2,616,778
1989	1,290,149	48	475,531	18	418,847	16	504,348	19	2,688,875
1990	1,414,941	49	481,045	17	482,617	17	522,320	18	2,900,923
1991	1,651,289	52	431,143	14	532,223	17	560,698	18	3,175,353
1992	1,601,729	51	443,232	14	492,328	16	621,004	20	3,158,293
1993	1,471,466	46	443,192	14	537,112	17	738,332	23	3,190,102
1994	1,609,978	49	441,596	13	548,747	17	703,408	21	3,303,729
1995	1,612,384	48	486,225	15	507,434	15	730,924	22	3,336,967
1996	1,537,283	47	482,462	15	485,550	15	759,003	23	3,264,298
1997	1,651,050	49	551,966	16	448,587	13	749,278	22	3,400,881
1998	2,035,773	54	519,167	14	464,346	12	763,150	20	3,782,436
1999	1,835,248	47	653,069	17	501,324	13	904,142	23	3,893,783
2000	1,897,015	50	613,255	16	443,777	12	855,445	22	3,809,492
2001	1,908,126	49	650,054	17	(443,777)	12	(855,445)	22	3,857,402

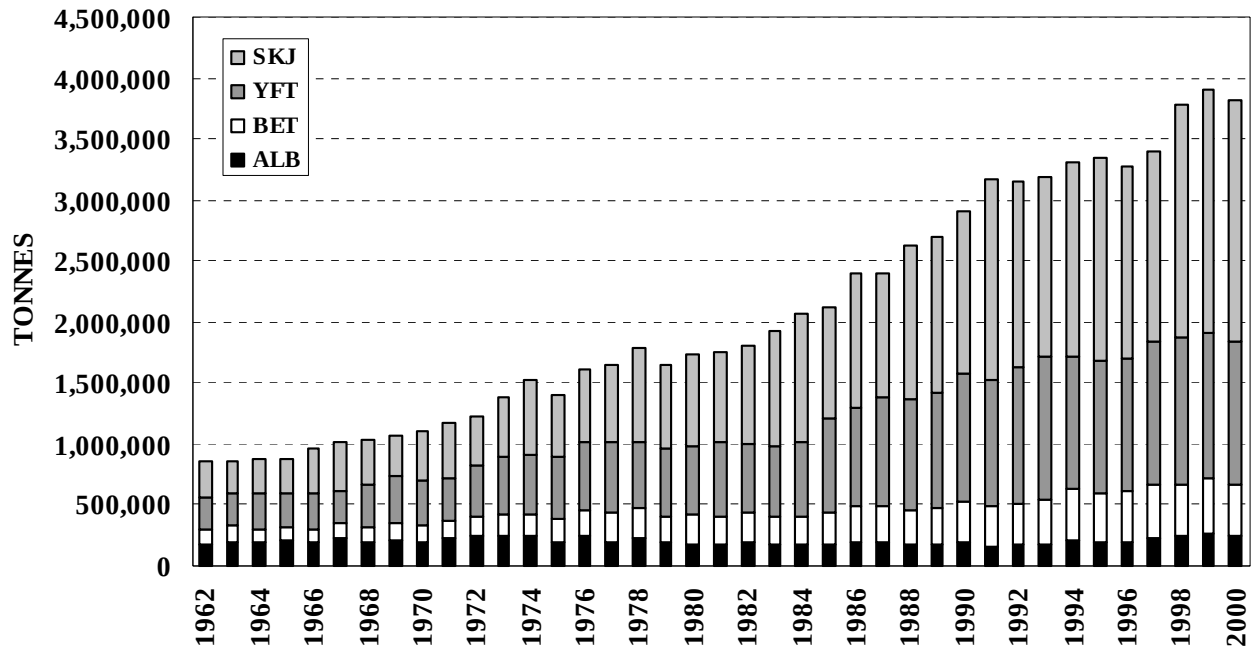


Figure 109. Global catches (tonnes) of albacore (ALB) , bigeye (BET), skipjack (SKJ) and yellowfin (YFT)

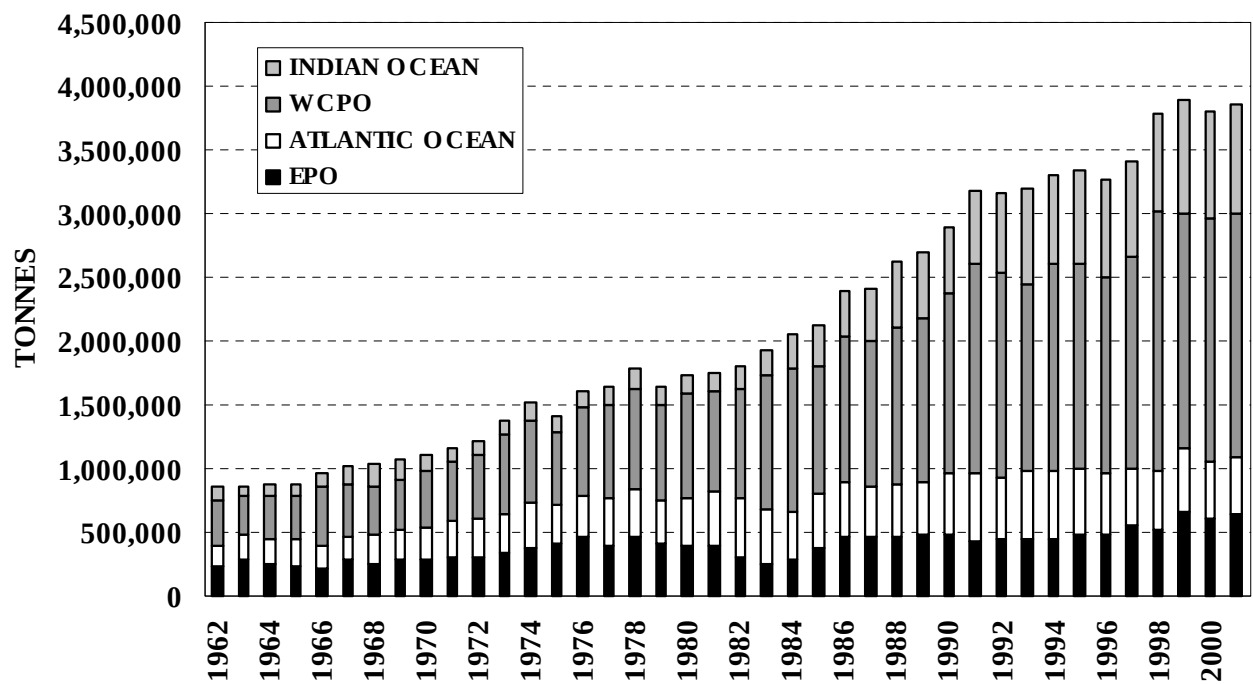


Figure 110. Catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the Atlantic Ocean, Indian Ocean, Eastern Pacific Ocean (EPO) and Western and Central Pacific Ocean (WCPO), including preliminary estimates for 2000 and 2001