WESTERN AND CENTRAL PACIFIC FISHERIES COMMISSION

TUNA FISHERY

Yearbook 2004

Western and
Central Pacific
Fisheries
Commission

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TUNA FISHERY YEARBOOK

2004

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TABLE OF CONTENTS

INTRODUCTION

This edition of the Western and Central Pacific Fisheries Commission (WCPFC) Tuna Fishery Yearbook presents annual catch estimates in the WCPFC Statistical Area (Figure 1) from 1950 to 2004. The tables of catch statistics cover the four main commercial species caught in the region: albacore (*Thunnus alalunga*), bigeye (*Thunnus obesus*), skipjack (*Katsuwonus pelamis*) and yellowfin (*Thunnus albacares*). Catches of other species are not covered explicitly, and discards are not considered.

The industrial fishing methods employed in the WCPFC region include longline, pole-and-line, purse seine and troll. Drift net fishing for albacore in the South Pacific Ocean ceased in 1991. Estimates for small-scale and recreational fisheries have been included where available.

Statistical tables covering individual fleets are followed by tables summarising the numbers of vessels, catches by species and gear type in the WCPFC Statistical Area. Tables summarising the catch by species in the Pacific Ocean, the Atlantic Ocean and the Indian Ocean are also presented.

The tables of annual catch estimates 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. The tables of annual catch statistics for individuals fleets are accompanied by histograms showing annual catches and by maps showing the distribution of the catch in the most recent year for which data are available. The maps depict the distribution of the catch by either 1° latitude by 1° longitude or by 5° latitude by 5° longitude; the circles are centred in each 1° by 1° or 5° by 5° grid.

The sources of the catch estimates 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, some statistics are from other sources. When no other statistics were available, an attempt was made to estimate catches from information held at SPC, including operational catch and effort data and unloading data. Historical statistics have been revised as new information has been made available.

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 (‘0’). 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; in particular, most estimates for 2004 should be considered as preliminary.

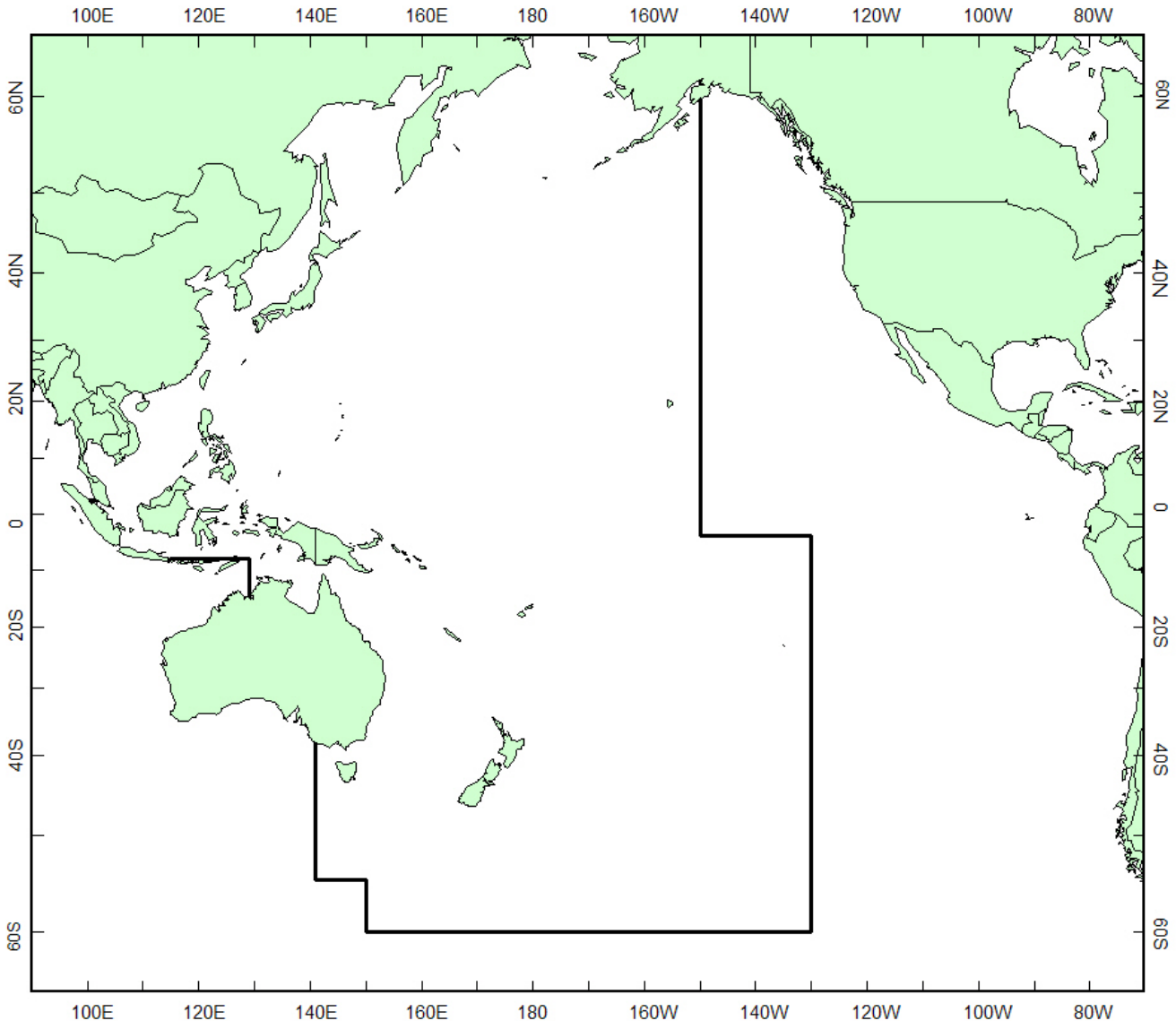

Figure 1. WCPFC Statistical Area

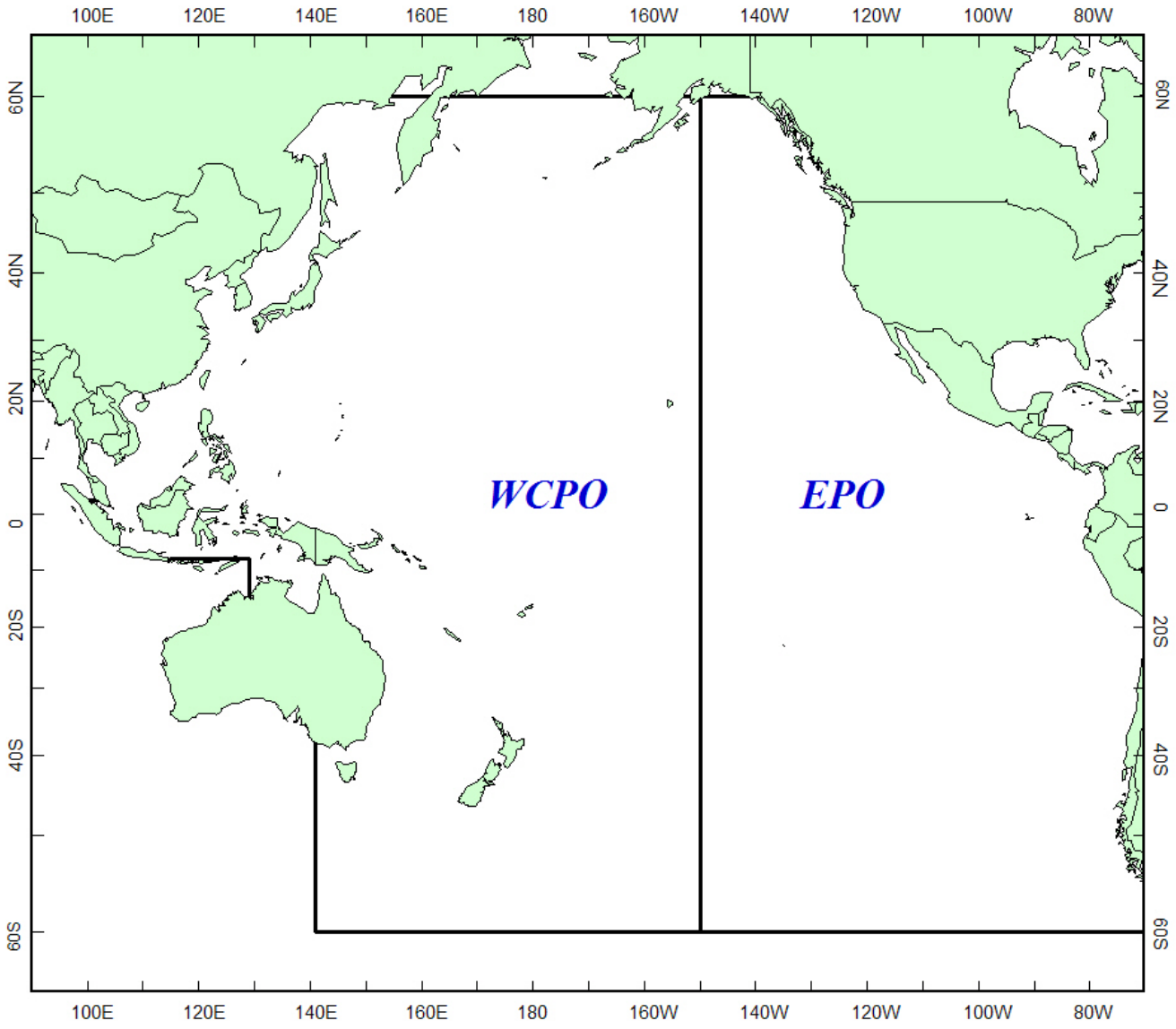

Figure 2. Western and Central Pacific Ocean (WCPO) and Eastern Pacific Ocean (EPO)

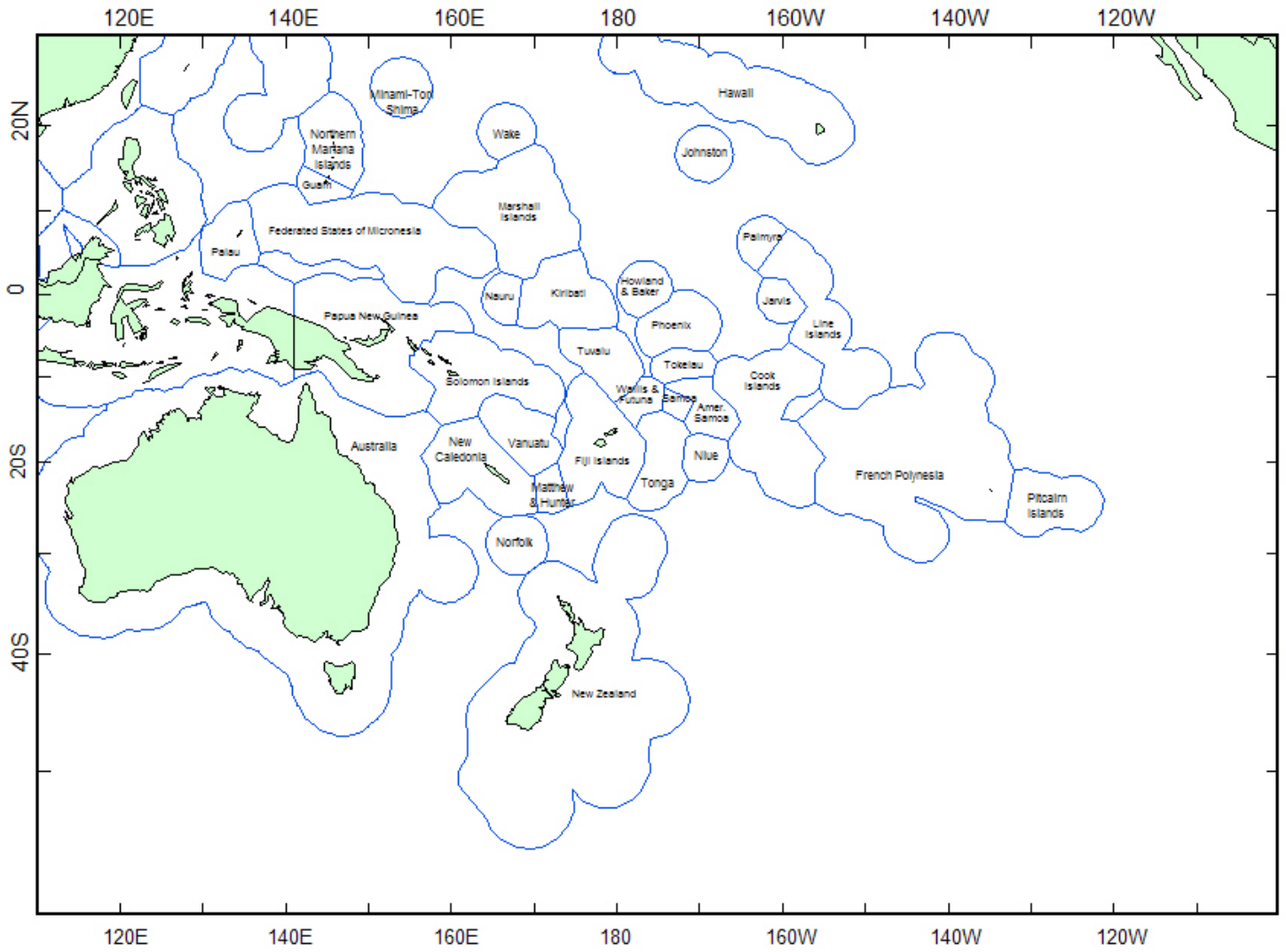

Figure 3. Approximate 200 mile zones

SOURCES OF ESTIMATES

DRIFT NET

Japan — Albacore: All estimates were taken from Matsunaga & Uozumi (1996).

Republic of Korea — Albacore: The estimate for 1989 was provided by the National Fisheries Administration of the Republic of Korea (Kim, pers. comm., June 1989).

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

LONGLINE

American Samoa — Vessels, Albacore, Bigeye and Yellowfin: The numbers of vessels and catch estimates for 1988–1996 were provided by the National Marine Fisheries Service (Skillman, pers. comm., June 2002). The numbers of vessels and catch estimates for 1997 were taken from Ito et al. (2002). The numbers of vessels and catch estimates for 1998 were taken from Ito et al. (2003). The numbers of vessels and catch estimates for 1999 were taken from Ito et al. (2004). The numbers of vessels and catch estimates for 2000–2004 were taken from Ito et al. (2005). Catch per unit of effort (CPUE) estimates were determined from data held at SPC.

Australia — Vessels, Albacore, Bigeye and Yellowfin: All statistics for 1985 were determined from information provided by the Bureau of Rural Sciences (BRS) (Ward, pers. comm., June 1997). All statistics for 1986–2001, except CPUE, were determined from information provided in Findlay & Bromhead (2002); bigeye and yellowfin catch estimates for 1986–2001 have been converted from processed weights to whole weights using conversion factors of 1.131 for bigeye and 1.166 for yellowfin. CPUE estimates for 1985–2000 were provided by BRS (Robins, pers. comm., August 2001); CPUE estimates for 2001 were determined from data held at SPC. All estimates for 2002, except the number of vessels active and the catch of 'other' species, were provided by BRS (Bromhead, pers. comm., May 2003); the number of vessels active was taken from Bromhead & Findlay (2003); the catch of 'other' species was determined from logsheet data held by SPC. All estimates for 2003–2004 were provided by BRS (Bromhead, pers. comm., April 2004, May 2004, May 2005); 'other' species for 2004 include swordfish, skipjack and striped marlin.

Australia–Japan joint venture — Vessels, Albacore, Bigeye and Yellowfin: All statistics were determined from information provided by the Bureau of Rural Sciences (Ward, pers. comm., June 1997, May 1998). The catch estimates have been converted from dressed weights to whole weights using conversion factors of 1.131 for bigeye and 1.166 for yellowfin.

China — Vessels, Albacore, Bigeye and Yellowfin: All estimates for 1988–1998 were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended. The numbers of hooks for 2000–2001 were taken from Xu (2002). The number of vessels active and catch estimates for 1999–2003 were taken from Song et al. (2004). The map of catches taken in 2002 does not cover vessels targeting albacore at higher latitudes.

LONGLINE continued

Cook Islands

Vessels, Albacore, Bigeye and Yellowfin: The number of vessels and catch estimates for 1994–1995 were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended. Estimates of the number of vessels and catches for 1996 were provided by the Ministry of Marine Resources (Mitchell, pers. comm., May 1998). The number of vessels for 1998 was taken from Mitchell (1999). The number of vessels for 1999 was taken from Mitchell (2000). Catch estimates for 2002 were taken from Mitchell (2003). The number of vessels and catch estimates for 2002–2004 were taken from Mitchell (2005). All estimates of CPUE were determined from logsheet data held at SPC.

Fed. States of Micronesia

Vessels, Albacore, Bigeye and Yellowfin: The number of vessels and catch estimates for 1991–1999 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 and catch estimates for 2000–2004 were taken from National Oceanic Resource Management Authority (2005). All estimates of CPUE were determined from logsheet data held at SPC.

Fiji Islands

Vessels, Albacore, Bigeye and Yellowfin: The number of vessels active and catches for 1989 were estimated from landings data, logsheet data and port sampling data held at SPC. Estimates for 1990−1992 were taken from Sharma (1993). The number of vessels active and catches for 1993 were provided by the Fiji Fish Company Ltd (Saheb, pers. comm., May 1994) and by the Pacific Fishing Company Ltd (Kumar, pers. comm., April 1994). The number of vessels and catch estimates for 1994 were taken from Tuwai (1999). The number of vessels and catch estimates for 1995–1996 were taken from Tuwai (2000). The number of vessels and catch estimates for 1997 were taken from Amoe (2002). The number of vessels and catch estimates for 1998 were taken from Amoe (2003). The number of vessels and catch estimates for 1999 were taken from Amoe (2004); the number of vessels represents licensed vessels. The number of vessels and catch estimates for 2000–2004 were taken from Amoe (2005); the number of vessels represents licensed vessels. The catch estimates for 1997–1999 have not been raised to account for missing data. The estimate of the catch of 'other' species for 1992 was based on observer data; estimates for other years are based on landings data and logsheet data. These statistics include joint ventures with Australia, Korea, New Zealand, Chinese Taipei and the United States, but not chartered Chinese Taipei distant-water longliners or United States longliners fishing as foreign vessels. All estimates of CPUE were determined from logsheet data held at SPC.

French Polynesia

Vessels, Albacore, Bigeye and Yellowfin: All estimates for 1990–1995 were provided by the Service des Ressources Marines (Stein, pers. comm., May 2003). The number of vessels and catch estimates for 1996 were taken from Misselis (2003). The number of vessels and catch estimates for 1997–2003 were taken from Ponsonnet (2004). The number of vessels and catch estimates for 2004 were taken from Ponsonnet (2005). Estimates of CPUE for 2003–2004 were determined from logsheet data held at SPC. Catches to the east of 150°W have been included. These statistics cover all longliners, including coastal longliners (*palangriers côtiers*), offshore longliners (*palangriers hauturiers*) and converted *bonitiers*. The catch estimates cover discards.

Indonesia

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

Bigeye: All estimates were determined by adjusting estimates of yellowfin catches for the inclusion of bigeye; the proportion of bigeye in the catch of yellowfin was estimated as 8.6 per cent (Hampton et al. 1996). For the sources of the unadjusted estimates of yellowfin, see 'Yellowfin' below.

LONGLINE continued

Yellowfin: Estimates for 1978–1981, 1983 and 1988–1989 were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). Estimates for 1982, 1984–1987 and 1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71. Estimates for 1991–2004 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003, April 2004, May 2005). 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

Vessels: Estimates for 1953–2002 were taken from Miyabe et al. (2004).

Albacore, Bigeye, Skipjack and Yellowfin: Estimates of yellowfin catches for 1952–1968 were taken from Food and Agricultural Organization (1980). Catch estimates for 1969–2004 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 2005).

Japan, offshore/distant-water

Vessels: Estimates for 1953–1999 were taken from Miyabe et al. (2004); the numbers of distant-water vessels are for all oceans. Estimates for 2000–2004 were taken from Uosaki et al. (2005).

Albacore, Bigeye and Yellowfin in the WCPFC Statistical Area (Table 9): Albacore catch estimates for 1950–1951 were taken from the North Pacific Albacore Workshop (Coan, pers. comm.). Estimates of bigeye and yellowfin catches in 1950–1951 were determined by multiplying the catch of bigeye and yellowfin in 1952 by the ratio of the catch of albacore in 1950 and 1951 to the catch of albacore in 1952. All estimates for 1952–1961 were determined from catch and effort data, grouped by 5° latitude, 5° longitude and month, provided by the Fisheries Agency of Japan. 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 1962–1969, except estimates of the catch of other species and CPUE, were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., July 2003). All estimates for 1970–1999, except the catch of other species and CPUE, were taken from Miyabe et al. (2004). Catch estimates for 2000–2004 were taken from Uosaki et al. (2005). Estimates of the catch of other species for 1962–1997 and all estimates of CPUE were determined from catch and effort data, grouped by 5° latitude, 5° longitude and month, provided by the Fisheries Agency of Japan.

Albacore in the South Pacific Ocean (Table 68): Estimates for 1952–1969 were taken from Matsunaga & Uozumi (1996). Estimates for 1970–2004 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 2005).

Kiribati

Vessels, Bigeye and Yellowfin: All estimates for 1995–1996 were determined from logsheet and landings data held at SPC. The number of vessels and catch estimates for 2000–2003 were taken from Awira (2004).

Marshall Islands

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.

Nauru

Vessels, Albacore, Bigeye and Yellowfin: The numbers of vessels and catch estimates for 2000–2003 were provided by SPC (Chapman, pers. comm., November 2004). The numbers of vessels and catch estimates for 2004 were taken from Fisheries and Marine Resources Authority (2005).

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). Estimates for 1983–1995 for bigeye and yellowfin have been converted by SPC from processed to whole weights using the factor of 1.12 recommended by the Marine Marchande (Etaix-Bonnin, pers. comm., April 1999). All estimates except CPUE for 1996–1999 were taken from Etaix-Bonnin (2001). All estimates except CPUE for 2000–2004 were taken from Etaix-Bonnin (2005). All estimates of CPUE were determined from logsheet data held by SPC.

New Zealand

Vessels: Numbers of vessels for 1989–2002 were provided by the National Institute of Water and Atmospheric Research (NIWA) (Murray, pers. comm., June 2002, June 2003). The number of vessels for 2003 was provided by the Ministry of Fisheries (Harley, pers. comm., June 2005). The number of vessels for 2004 was taken from Kendrick et al. (2005).

Albacore, Bigeye and Yellowfin: Estimates for 1987–1988 were taken from Murray et al. (2000). These estimates are for the fishing year, October–September. Estimates for 1989 were taken from Murray and Griggs (2001). Catch estimates for 1990–2001 were taken from Murray et al. (2002). Catch estimates for 2002–2003 were taken from Kendrick et al. (2004); estimates for 'other' species for 2002 include skipjack, Pacific bluefin, southern bluefin and swordfish only. Catch estimates for 2003 were provided by the Ministry of Fisheries (Harley, pers. comm., May 2005). Estimates of catches of albacore, bigeye and yellowfin for 2004 were taken from Kendrick et al. (2005); catches of other species (including Pacific bluefin, southern bluefin and swordfish) were provided by the Ministry of Fisheries (Harley, pers. comm., May 2005).

Palau

Vessels, Albacore, Bigeye and Yellowfin: All estimates were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended.

Papua New Guinea

Vessels, Albacore, Bigeye and Yellowfin: According to observer data provided by the Australian Fisheries Management Authority, one vessel flagged in Papua New Guinea fished in Australia in 1991. All estimates for 1993 were determined from logsheet data held at SPC. All estimates for 1994 were determined from logsheet data held at SPC and from statistics provided by the National Fisheries Authority (Kumoru, pers. comm., June 1995). The number of vessels and an estimate of the total catch for 1995 were provided by an industry source; the species composition was determined from logsheet statistics provided by the National Fisheries Authority (Robinson, pers. comm., June 1997). All estimates, except the catch of albacore and CPUE, for 1996 were determined from logsheet and export statistics provided by the National Fisheries Authority (Robinson, pers. comm., June 1997). The estimate of the albacore catch for 1996 was determined from logsheet data held by SPC. The numbers of vessels for 1997 were taken from Kumoru (2002). Catch estimates for 1997 were determined from logsheet and landings data held at SPC. All estimates for 1998–2002 were taken from Kumoru & Lewis (2003); the numbers of vessels are those licensed; not all vessels may have been active; the catch estimates for tuna, but not 'other', were raised on the basis of coverage rates in Table 6 of that report. All estimates for 2003 were taken from Kumoru (2004); the numbers of vessels are those licensed. The number of vessels active and catch estimates for 2004 were provided by the National Fisheries Authority (Asi, July 2005). All estimates of CPUE were determined from logsheet data held by SPC.

Philippines

Vessels: Estimates for 1982–1996 were provided by the Bureau of Fisheries and Aquatic Sciences (Ganaden, pers. comm. to Coan, 1997). Estimates for 1998–2000 were taken from Barut (2003). The estimates represent the number of vessels licensed.

LONGLINE continued

Bigeye and Yellowfin: All estimates for 1970–1996 were taken from Lawson and Williams (1998). Estimates of the catch of skipjack and the combined catch of yellowfin and bigeye for 1996–1999 were provided by the Bureau of Agricultural Statistics (Recide, pers. comm., June 2002). Estimates of the catch of skipjack and the combined catch of yellowfin and bigeye for 2000–2004 were taken from Barut & Garvilles (2005). Catches by species and gear type for 1996–2004 were estimated using the method in Lawson & Williams (1998) and the proportions by gear type for 1996.

Republic of Korea

Vessels: Estimates for 1958–1969 were taken from Wetherall & Yong (1986). Estimates for 1970–1974 were provided by the National Fisheries Research and Development Institute (NRFDI) (Lee, pers. comm. to Coan, 1997). Estimates for 1975–1986 were taken from Koh (2001). Estimates for 1986–2003 were provided by the National Fisheries Research and Development Institute (NRFDI) (Moon, pers. comm., April 2005). The numbers of vessels are for the whole Pacific Ocean.

Albacore, Bigeye and Yellowfin in the WCPFC Statistical Area (Table 17): Estimates for 1958–1974 were taken from Wetherall and Yong (1986); these estimates represent landings at Pago Pago, American Samoa. All statistics for 1975–1986 were taken from Koh (2001). Catch estimates for 1987–2004 were provided by the National Fisheries Research and Development Institute (NRFDI) (Moon, pers. comm., July 2005). CPUE estimates for 1997–2001 were determined from data provided by NFRDI, grouped by 5° latitude and 5° longitude.

Albacore in the South Pacific Ocean (Table 68): Estimates for 1958–1975 were taken from Wetherall et al. (1979); these estimates include some catch from the North Pacific. Estimates for 1976–1986 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 1976–1986 were taken from the National Fisheries Research and Development Agency (1980, 1981, 1985, 1986, 1988). Coverage rates for 1976–1986 were taken from Lee et al. (1997). Estimates for 1987–2004 were provided by the National Fisheries Research and Development Institute (NRFDI) (Moon, pers. comm., April 2005).

Samoa

Vessels, Albacore, Bigeye and Yellowfin: The number of vessels and catch estimates for 1993 were taken from Mulipola & Fa'asili (1999). The number of vessels and catch estimates for 1994–1995 were taken from Mulipola (2000). The number of vessels and catch estimates for 1996–2000 were taken from Su'a & Watt (2001). An estimate of the total catch for 2001 was provided by the Fisheries Division (Mulipola, pers. comm., March 2002); the average species composition during 1993–2000 was used for 2001. The number of vessels for 2001–2003 and catch estimates for 2002–2003 were taken from Imo et al. (2004). The number of vessels and catch estimates for 2004 were taken from Imo et al. (2005). All estimates of CPUE were determined from logsheet data held by SPC.

LONGLINE continued

Solomon Islands

Vessels, Albacore, Bigeye and Yellowfin: The numbers of vessels for 1973–1980 were taken from Solomon Islands Fishery Department (1985). Catch estimates for 1973−1980 were determined from total catch estimates in Solomon Islands Fishery Department (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 Solomon Islands Fishery Department (1985); the species composition for 1981−1982 was determined from logsheet data held at SPC. The number of vessels and catch estimates for 1983−1985 were determined from logsheet data held at SPC. All estimates, except CPUE, for 1995–1997 were taken from Oreihaka (2001). All estimates, except CPUE, for 1998–1999 were taken from Oreihaka (2002). All estimates, except CPUE, for 2000–2003 were taken from Oreihaka (2004). All estimates, except CPUE, for 2004 were taken from Diake (2005). CPUE estimates for 1995–2003 were determined from logsheet data held at SPC.

Spain

The number of vessels for 2004 was taken from Instituto Español de Oceanografía (2005). Catches for 2004 were reported in Instituto Español de Oceanografía (2005) as "swordfish 692.5 t, blue shark 1291.4 t, shortfin mako 238.3 t, tunas 88.8 t, billfish 38.2 t and others species 1.2 t".

Chinese Taipei, offshore, foreign ports

Vessels, Bigeye and Yellowfin: Catches for 1990 were estimated from landings statistics provided by the Guam Department of Commerce (Harris, pers. comm., June 1991) and the Palau Maritime Authority. Catches for 1991 were estimated from landings statistics provided by the Guam Department of Commerce (Fitzgerald, pers. comm., June 1992), the Palau Maritime Authority (Rechebei, pers. comm., June 1992) and the Micronesian Maritime Authority. The catch estimates for 1991 cover transhipments in Guam, Koror and Pohnpei (Federated States of Micronesia); transhipments in Majuro (Marshall Islands) and Yap (Federated States of Micronesia) have been ignored. Catches for 1992 were estimated from landings statistics provided by the Guam Department of Commerce (Harris, pers. comm., April 1993), the Micronesian Maritime Authority, the Marshall Islands Marine Resources Authority, and Ting Hong (Yap) Co. (Chiu, pers. comm., January 1993). All estimates for 1993–1996 and the numbers of vessels for 1997–2000 were estimated from landings data, logsheet data and port sampling data held at SPC. Catch estimates for 1997–2001 were taken from Wang et al. (2002). Catch estimates for 2002 were provided by the Overseas Fisheries Development Council (Chang, pers. comm., June 2003). Catch estimates for 2003 were provided by the Fisheries Agency (Tsai, pers. comm., July 2004). The estimates for 2001–2003 represent landings in foreign ports in the Pacific region and may include catches from other ocean areas. Catch estimates for 2004 were taken from Fisheries Administration (2005). All estimates of CPUE were determined from data held by SPC.

Chinese Taipei, offshore, domestic

Vessels, Bigeye and Yellowfin: Estimates of yellowfin catches for 1954–1963 were taken from Food and Agricultural Organization (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 Food and Agricultural Organization (1980). Estimates for 1970–1995 were provided by National Taiwan University (Sun, pers. comm. to Coan, 1997). Estimates for 1996 were taken from Wang & Kuo (2001). Estimates for 1997 were taken from Wang et al. (2002). Estimates for 1998 were taken from Fisheries Administration (2003). All estimates except the number of vessels for 1999–2003 were taken from Fisheries Administration (2004). The number of vessels for 2003 and all estimates for 2004 were provided by the Fisheries Agency (Lin, pers. comm. April 2005, May 2005). The estimates for 1996–2003 represent landings in domestic ports and may include catches from other ocean areas.

LONGLINE continued

Chinese Taipei, distant-water

Vessels: Estimates for 1975–1992 were provided by National Taiwan University (Sun, pers. comm. to Coan, 1997); the numbers of vessels are for the whole Pacific Ocean. Estimates for 1993–1997 were taken from Chang & Lu (1998). Estimates for 1998–2003 were provided by the Overseas Fisheries Development Council (Wang, pers. comm., June 2000, August 2001, June 2002; Chang, pers. comm., May 2003, May 2004). Estimates for 2004 were provided by the Fisheries Agency (Lin, pers. comm., May 2005).

Albacore, Bigeye and Yellowfin in the WCPFC Statistical Area (Table 21): All catch estimates for 1964–1999 were provided by the Fisheries Agency (Lin, pers. comm., April 2005, May 2005). Estimates of catches of bigeye, yellowfin and other species for 2000–2004 were taken from Fisheries Administration (2005); estimates of albacore catches were provided by the Fisheries Agency (Lin, pers. comm., April 2005, May 2005). Catches of 'other' for 1964–2004 represent swordfish, striped marlin, blue marlin, black marlin and skipjack only. All estimates of CPUE were determined from catch and effort data, grouped by 5° latitude, 5° longitude and month, provided by Chinese Taipei.

Albacore in the South Pacific Ocean (Table 68): The estimate for 1963 was taken from Wetherall et al. (1979). All estimates for 1964–2004 were provided by the Fisheries Agency (Lin, pers. comm., April 2005, May 2005).

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). The number of vessels and catch estimates for 2002–2003 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 for 2004 was taken from Likiliki (2005). Catch estimates for 2004 were provided by the Ministry of Fisheries (Loto'ahea, pers. comm., May 2005). All CPUE estimates were determined from logsheet data held at SPC.

United States of America

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

Vessels, Bigeye and Yellowfin for vessels based in Hawaii and California: Estimates for 1950–1997 were provided by the National Marine Fisheries Service (Coan, pers. comm., May 1999, June 2001); data for 1950–1986 may contain some dressed weights. The numbers of vessels and catch estimates for 1997, 1998 and 1999 were taken from Ito et al. (2002, 2003 and 2004) respectively. The numbers of vessels and catch estimates for 2000–2004 were taken from Ito et al. (2005). A small proportion of the catches was taken in the Eastern Pacific Ocean.

LONGLINE continued

Vanuatu

Vessels, Albacore, Bigeye and Yellowfin: All estimates for 1995–1998 were determined from logsheet data held at SPC. The number of vessels and catch estimates for 2000–2004 were determined from logsheet and landings data held at SPC; catches were allocated to the year in which the trip ended.

POLE-AND-LINE

Australia

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

Vessels, Skipjack and Yellowfin: Estimates for 1976–1984 were determined from logsheet data held at SPC. Estimates for 1986–1992 were provided by Heinz-Greenseas (Bateman, quoted in Ward, pers. comm., June 1993); these estimates are for the fishing season, from November to June; catch and effort have been allocated to the year in which the season ended. All estimates for 1993–2004 were provided by BRS (Ward, pers. comm., June 1996, June 1997, May 1998, April 1999; Findlay, pers. comm., June 2002; Bromhead, pers. comm., May 2003, May 2005); 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 30 and 35 respectively. Catches by the *Ika 3*, formerly registered as a New Zealand vessel, are included. The catch estimates for 1991 also include 389 tonnes caught by four vessels in the waters of Solomon Islands; these catches were determined from logsheet data held at SPC. All estimates except CPUE for 1993–1994 were taken from Tuwai (1999). All estimates except CPUE for 1995–1999 were taken from Tuwai (2000). The number of vessels and catch estimates for 2000 were taken from Tuwai & Lagibalavu (2001). The number of vessels and catch estimates for 2001 were taken from Amoe (2002); the catch estimates cover only one of the two vessels active. The numbers of vessels for 2002–2003 were taken from Amoe (2004). The number of vessels for 2004 was taken from Amoe (2005). All CPUE estimates were determined from logsheet data held at SPC.

French Polynesia

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

POLE-AND-LINE continued

Indonesia

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

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

Skipjack: Estimates for 1982 and 1984–1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71. Estimates for 1980–1981 and 1983 were determined by applying the proportion taken by pole-and-line in 1982 to estimates of the total catch of all gear types, which were taken from Indo-Pacific Tuna Programme (1991a, 1991b). Estimates for 1991–2004 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003, April 2004, May 2005).

Yellowfin: Estimates for 1976–1983 and 1989 were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). Estimates for 1984–1988 and 1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71. Estimates for 1991–2004 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003, April 2004, May 2005). 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: Estimates of the combined coastal and offshore/distant-water catches of skipjack in 1950 were determined by multiplying the catch in 1951 by the ratio of the pole-and-line catch of North Pacific albacore in 1950 to the pole-and-line catch of North Pacific albacore in 1952; bigeye and yellowfin catches in 1950 and 1951 were estimated in a similar manner. Bigeye and yellowfin estimates of the combined coastal and offshore/distant-water catches for 1952–1971 were taken from Food and Agricultural Organization (1980); the combined estimates for 1952–1971 may include catches from the Eastern Pacific. Skipjack estimates of the combined coastal and offshore/distant-water catches for 1951–1968 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1999); the combined estimates for 1951–1968 may include catches from other ocean areas.

Japan, coastal

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

Japan, distant-water/offshore

Vessels: Estimates of vessel numbers for 1953–1999 were taken from Miyabe et al. (2004). Estimates of vessel numbers for 2000–2003 were taken from Uosaki et al. (2005).

Vessels, Bigeye, Skipjack and Yellowfin: Estimates of skipjack catches for 1969–1971 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., June 2000, July 2003). Estimates of days fished and catches for 1972–1999 were taken from Miyabe et al. (2004). Estimates of days fished and catches for 2000–2003 were taken from Uosaki et al. (2005). These estimates cover vessels over 20 GRT.

POLE-AND-LINE continued

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

Kiribati

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

New Caledonia

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

New Zealand

Vessels, Skipjack and Yellowfin: The numbers of vessels for 1990–2002 were provided by the National Institute of Water and Atmospheric Research (NIWA) (Murray, pers. comm., June 2002, June 2003). Catch estimates for 1990–2001 were taken from Murray et al. (2002). Catch estimates for 2002 were taken from Kendrick et al. (2004). The number of vessels for 2003 was provided by the Ministry of Fisheries (Murray, pers. comm., May 2004). Catch estimates for 2003 were provided by the Ministry of Fisheries (Harley, pers. comm., May 2005). The number of vessels and catch estimates for 2004 were taken from Kendrick et al. (2005).

Palau

Vessels, Skipjack and Yellowfin: Estimates for 1964–1982 cover Okinawan vessels in Palau; these estimates were determined from logsheet data held at SPC. Estimates for 1985–1992 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

Vessels, Skipjack and Yellowfin: All estimates for 1970–1981 were determined from logsheet data held at SPC. All estimates for 1984–1985 were taken from United Nations Development Programme (1989).

Solomon Islands

Vessels, Skipjack and Yellowfin: 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 Solomon Islands Fishery Department (1989). The numbers of vessels active during 1973–1974 were taken from Solomon Islands Fishery Department (1985). All estimates for 1975–1980 were taken from Diake (1995). All estimates for 1981–1999 were determined from logsheet data held at SPC. The number of vessels and catch estimates for 2000–2003 were taken from Oreihaka (2004). The number of vessels and catch estimates for 2004 were taken from Diake (2005). CPUE for 2000–2003 were determined from logsheet data held at SPC.

POLE-AND-LINE continued

Tuvalu

Vessels, Skipjack and Yellowfin: 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

Vessels, Skipjack and Yellowfin: Estimates for 1970–1996 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001). Estimates for 1997 were taken from Ito et al. (2002). Estimates for 1998–2001 were taken from Ito et al. (2003). Estimates for 2002–2003 were provided by NMFS (Skillman, pers. comm., May 2004).

PURSE SEINE

Australia, domestic

Vessels, Bigeye, Skipjack and Yellowfin: The skipjack catch estimate for the 1974/75 season was taken from Blackburn & Serventy (1981), quoted in Tuna Programme (1984). All estimates for 1978–2004 were provided by the Bureau of Rural Sciences (Ward, pers. comm., May 1998, April 1999, May 1999, June 2000; Robins, pers. comm., August 2001; Findlay, pers. comm., June 2002; Bromhead, pers. comm., May 2003, May 2005); estimates for 1978–1996 and 1998–2000 were determined from logsheet data, while those for 1997 were determined from landings.

Australia, distant-water

Vessels, Bigeye, Skipjack and Yellowfin: Estimates for 1988 include two vessels that fished in Solomon Islands waters and one vessel that fished in Papua New Guinea waters. The data for the vessels which fished in Solomon Islands were taken from Solomon Islands Fishery Department (1989); statistics for the vessel which fished in Papua New Guinea were determined from logsheet data held at SPC. All estimates for 1989–1993 were determined from logsheet data held at SPC; they represent vessels that fished in the waters of the Federated States of Micronesia and Papua New Guinea. Catches by vessels operating under the Caroline Fishing Company, an Australia – Federated States of Micronesia joint venture, are excluded; these vessels are covered in Table 39. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 23.

China

Vessels, Bigeye, Skipjack and Yellowfin: The number of vessels, days fished and catch estimates for 2001 were taken from Xu (2002); estimates of CPUE were determined from the estimates of catches and days fished. All estimates for 2002 were determined from logsheet data held at SPC. The number of vessels and catch estimates for 2003 were taken from Song et al. (2004). Estimates of bigeye and yellowfin catches for 2002–2003 were modified following the procedure described on page 23.

Fed. States of Micronesia

Vessels, Bigeye, Skipjack and Yellowfin: All 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). The number of vessels and catch estimates for 1993–1999 were determined from logsheet and unloadings data held at SPC. The number of vessels and catch estimates for 2000–2004 were taken from National Oceanic Resource Management Authority (2005). All estimates of bigeye and yellowfin catches were modified following the procedure described on page 23. CPUE estimates were determined from logsheet data held at SPC.

PURSE SEINE continued

Indonesia, domestic

Vessels: No estimates are available.

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 purse seine (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 purse seine in 1982 to estimates of the total catch of all gear types, which were taken from Indo-Pacific Tuna Programme (1991a, 1991b). The estimates for 1991–2002 were determined by applying the proportion taken by purse seine in 1990 to estimates of the total catch of all gear types; estimates of the total catch for 1991–2004 were provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Retnowati, pers. comm., June 2003, April 2004, May 2005).

Yellowfin: Estimates for 1980–1981 and 1983 were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). Estimates for 1982 and 1984–1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71. Estimates for 1991–2004 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003, April 2004, May 2005). 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

Vessels, Bigeye, Skipjack and Yellowfin: 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 23.

Japan, coastal

Vessels, Bigeye, Skipjack and Yellowfin: The numbers of vessels for 1969–2002 were taken from Miyabe et al. (2004). Catch estimates for 1951–1969 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 1998). Catch estimates for 1970–2002 were taken from Miyabe et al. (2004).

Japan, distant-water/offshore

Vessels, Bigeye, Skipjack and Yellowfin: The number of vessels and days fished for 1969–1999 were taken from Miyabe et al. (2004). Catch estimates for 1967–1999 were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 2005). 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. The number of vessels for 2000–2002, and days fished and catch estimates for 2000–2004 were taken from Uosaki et al. (2005).

Kiribati

Vessels, Bigeye, Skipjack and Yellowfin: All estimates for 1994–2004 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 23.

Marshall Islands

Vessels, Bigeye, Skipjack and Yellowfin: The numbers of vessels and catch estimates for 2000–2004 were taken from Joseph (2005). Estimates of bigeye and yellowfin catches were modified following the procedure described on page 23. Estimates of CPUE were determined from logsheet data held at SPC.

PURSE SEINE continued

Mexico

Bigeye, Skipjack and Yellowfin: 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 23.

New Zealand

Vessels: The numbers of vessels for 1983–1988 were determined from logsheet data held at SPC. The numbers of vessels for 1989–2001 were provided by the National Institute of Water and Atmospheric Research (NIWA) (Murray, pers. comm., June 2002, June 2003). The numbers of vessels for 2002–2004 were taken from Kendrick et al. (2005).

Bigeye, Skipjack and Yellowfin: Estimates of the numbers of days fished and catches for 1983–1986 were determined from logsheet data held at SPC. Catch estimates for 1987–1989 were taken from Murray et al. (2000); these estimates are for the fishing year, October–September. Catch estimates for 1990–2001 were determined from statistics for domestic vessels taken from Murray et al. (2002) and data for distant-water vessels held by the OFP. Catch estimates for 2002 were taken from Kendrick et al. (2004). For 2003, catch estimates for the New Zealand EEZ were provided by the Ministry of Fisheries (Harley, pers. comm., May 2005) and catches outside the New Zealand EEZ were determined from logsheet data held by the OFP. Catch estimates for 2004 were taken from Kendrick et al. (2005). Estimates of bigeye and yellowfin catches taken outside the New Zealand EEZ were modified following the procedure described on page 23. Estimates of CPUE for 1983–1986 and 1990–2004 were determined from logsheet data held at SPC. The skipjack catches do not include those of chartered American vessels in the New Zealand zone; these catches are included in Table 53.

Papua New Guinea

Vessels, Bigeye, Skipjack and Yellowfin: The numbers of vessels and catch estimates for 1994–2002 were determined from logsheet and unloadings data held at SPC. The number of vessels and catch estimates for 2003–2004 were provided by the National Fisheries Authority of Papua New Guinea (Komuru, pers. comm., July 2004, July 2005). All estimates of bigeye and yellowfin catches were modified following the procedure described on page 23. All CPUE estimates were determined from logsheet data held at SPC.

Philippines, domestic

Vessels: Estimates for 1980–1993 were provided by the Bureau of Fisheries and Aquatic Sciences (Ganaden, pers. comm. to Coan, 1997). Estimates for 1998–2000 were taken from Barut (2003). Ringnet vessels are included.

Bigeye, Skipjack and Yellowfin: All estimates for 1970–1995 were taken from Lawson & Williams (1998). Estimates of the catch of skipjack and the combined catch of yellowfin and bigeye for 1996–1999 were provided by the Bureau of Agricultural Statistics (Recide, pers. comm., June 2002). Estimates of the catch of skipjack and the combined catch of yellowfin and bigeye for 2000–2004 were taken from Barut & Garvilles (2005). Catches by species and gear type for 1996–2004 were estimated using the method in Lawson & Williams (1998) and the proportions by gear type for 1996.

Philippines, distant-water

Vessels, Bigeye, Skipjack and Yellowfin: The number of vessels and catch estimates for 1982, 1984, 1988–1991 and 1999–2002 were determined from logsheet data held at SPC; these statistics cover catches taken in the waters of Papua New Guinea and Solomon Islands. The numbers of vessels and catch estimates for 1985–1987 and 1992–1998 were determined from data provided by industry sources. The estimates for 1992–1998 cover catches taken primarily in the waters of Papua New Guinea and Solomon Islands; about 20 per cent were taken in the waters of Indonesia and the Philippines. Catch estimates for 2003–2004 were provided by the National Fisheries Authority of Papua New Guinea (Kumoru, pers. comm., July 2004, July 2005). All CPUE estimates were determined from logsheet data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 23.

Philippines, ringnet

See Philippines, domestic.

PURSE SEINE continued

Republic of Korea

Vessels, Bigeye, Skipjack and Yellowfin: The number of vessels for 1980–2003 and catch estimates for 1980–1999 were provided by the National Fisheries Research and Development Institute (NRFDI) (Moon, pers. comm., April 2005). The number of vessels for 2004 and catch estimates for 2000–2004 were taken from Moon et al. (2005). All estimates of bigeye and yellowfin catches were modified following the procedure described on page 23. CPUE estimates for 1994–2003 were determined from logsheet data held at SPC.

Russia

Vessels, Bigeye, Skipjack and Yellowfin: 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 23.

Solomon Islands

Vessels, Bigeye, Skipjack and Yellowfin: Estimates of the total catch for 1980–1986 were taken from Solomon Islands Fishery Department (1989); the species composition was determined from logsheet data held at SPC. Estimates for 1987–1988 were taken from Solomon Islands Fishery Department (1989). All estimates for 1989–2000 were determined from logsheet data held at SPC. All estimates for 2001–2002, except CPUE for 2002, were determined from information provided by the Fisheries Division (Maneiria, pers. comm., June 2002, May 2003). The number of vessels and catch estimates for 2003 were taken from Oreihaka (2004). The number of vessels and catch estimates for 2004 were taken from Diake (2005). CPUE estimates for 2002–2004 were determined from logsheet data held at SPC. All estimates of bigeye and yellowfin catches were modified following the procedure described on page 23.

Spain

Vessels, Bigeye, Skipjack and Yellowfin: All estimates for 1999–2000 and 2002 were determined from logsheet data held by SPC. The number of vessels and catch estimates for 2001 were provided by the Organización de Productores Asociados de Grandes Atuneros Congeladores (OPAGAC) (Morón, pers. comm., June 2002). Catch estimates for 2004 were taken from Instituto Español de Oceanografía (2005).

Chinese Taipei

Vessels: Estimates for 1983–1985, 1989–1990 and 1992–1996 were determined from logsheet data held at SPC. Estimates for 1986–1988 and 1991 were provided by National Taiwan University (Sun, pers. comm. to Coan, 1997). Estimates for 1997–1998 were taken from Wang et al. (1999). The estimate for 1999 was taken from Wang et al. (2000). The estimate for 2000 was provided by the Overseas Fisheries Development Council (Wang, pers. comm., August 2001). The estimate for 2001 was taken from Wang et al. (2002). The estimates for 2002 were provided by the Overseas Fisheries Development Council (Chang, pers. comm., May 2003). The estimates for 2003–2004 were provided by the Fisheries Agency (Lin, pers. comm., April 2005, May 2005).

PURSE SEINE continued

Bigeye, Skipjack and Yellowfin: Total catches for 1983–1991 were estimated by assuming that each vessel caught 4000 tonnes annually; the species composition was determined from logsheet data held at SPC. An estimate of the total catch for 1992 was provided by an industry source; the species composition was determined from logsheet data held at SPC. Catch estimates for 1993–1994 were taken from Chang & Lu (1998). Catch estimates for 1995 were taken from Wang et al. (2000). Catch estimates for 1996 were taken from Wang and Kuo (2001). Catch estimates for 1997–1999 were provided by the Fisheries Agency (Ding-Rong Lin, pers. comm., April 2005, May 2005). Catch estimates for 2000–2004 were taken from Fisheries Administration (2005). CPUE estimates for 1993–2004 were determined from logsheet data held at SPC. Estimates of bigeye and yellowfin catches for 1983–1996 were modified following the procedure described on page 23; estimates for 1997–2004 were adjusted by the Overseas Fisheries Development Council.

United States of America

Vessels, Bigeye, Skipjack and Yellowfin: Estimates for 1976–1987 were taken from Coan & Prescott (1996). Estimates of bigeye and yellowfin catches for 1976–1987 were modified following the procedure described on page 23. CPUE estimates for 1981–1987 were determined from logsheet data held at SPC. All estimates for 1988–1996 were taken from Coan et al. (2002). The numbers of vessels and catch estimates for 1997 were taken from Ito et al. (2002). The numbers of vessels and catch estimates for 1998 were taken from Ito et al. (2003). The numbers of vessels and catch estimates for 1999 were taken from Ito et al. (2004). The numbers of vessels and catch estimates for 2000–2004 were taken from Ito et al. (2005). CPUE estimates for 1997–2001 were taken from Coan et al. (2002). CPUE estimates for 2002–2004 were determined from logsheet data held at SPC.

Vanuatu

Vessels, Bigeye, Skipjack and Yellowfin: All estimates for 1994–1999 were determined from logsheet and unloadings data held at SPC; catches were allocated to the year in which the trip ended. The number of vessels, days fished and catch estimates for 2000–2004 were taken from Naviti (2005); these estimates cover vessels fishing under bilateral access agreements (and not vessels fishing under the FSM Arrangement, which are included in Table 46). All estimates of bigeye and yellowfin catches were modified following the procedure described on page 23.

TROLL

American Samoa

Bigeye, Skipjack and Yellowfin: Estimates for 1982–1998 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001; Skillman, pers. comm., June 2002). Estimates for 1999–2003 were taken from Ito et al. (2004).

Australia

Albacore, Bigeye and Yellowfin: All estimates were provided by the Bureau of Rural Sciences (Caton, pers. comm., March 1996; Ward, pers. comm., April 1999; Findlay, pers. comm., June 2002; Bromhead, pers. comm., May 2003, April 2004, May 2005).

Canada

Vessels, Albacore, South Pacific: The numbers of vessels and CPUE for the 1995/96 – 2001/02 seasons, and catch estimates for the 1987/88 – 1994/95 seasons, were provided by Fisheries and Oceans Canada (Shaw, pers. comm., July 2001; Stocker, pers. comm., June 2005). Catch estimates for the 1995/96 – 2003/04 season were taken from Stocker & Shaw (2005). Estimates for the fishing season (November–May) were allocated to the year in which the season ended.

Albacore, North Pacific: Catch estimates for 1952–1994 were compiled by the North Pacific Albacore Workshop. Catch estimates for 1995–2004 were provided by Fisheries and Oceans Canada (Stocker, pers. comm., June 2005).

TROLL continued

Fiji Islands

Bigeye, Skipjack and Yellowfin: All estimates were provided by the Fisheries Division (Sharma, pers. comm. to Coan, 1997).

French Polynesia

Albacore: 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

Bigeye, Skipjack and Yellowfin: Estimates for 1980–1998 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001; Skillman, pers. comm., June 2002). Estimates for 1999 were taken from Ito et al. (2004). Estimates for 2000–2004 were taken from Ito et al. (2005). These estimates cover the commercial fishery only and not the recreational fishery.

Japan

Albacore, Bigeye, Skipjack and Yellowfin: All estimates were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 2005).

New Zealand

Vessels: Estimates for the 1986/87–2000/01 seasons were provided by the National Institute of Water and Atmospheric Research (NIWA) (Murray, pers. comm., June 2002, June 2003). Estimates for the 2001/02–2003/04 seasons were provided by the Ministry of Fisheries (Murray, pers. comm., May 2004; Harley, pers. comm., June 2005).

Albacore: Catch estimates for the 1966/67–1987/88 seasons were taken from Murray (1990). Catch estimates for the 1988/89 season were taken from Murray & Griggs (2001). Catch estimates for the 1989/90–1998/99 seasons were taken from Murray et al. (2002). Catch estimates for the 1999/00–2003/04 seasons were taken from Kendrick et al. (2005). Estimates of CPUE were determined from logsheet data held at SPC.

Northern Marianas

Skipjack and Yellowfin: Estimates for 1983–1998 were provided by the National Marine Fisheries Service (Coan, pers. comm., August 2000, June 2001; Skillman, pers. comm., June 2002). Estimates for 1999 were taken from Ito et al. (2004). Estimates for 2000–2004 were taken from Ito et al. (2005). 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

Bigeye, Skipjack and Yellowfin: These statistics cover vessels based in Hawaii. Skipjack and yellowfin estimates for 1995–1998 and bigeye estimates for 1996–1998 were provided by the National Marine Fisheries Service (NMFS) (Coan, pers. comm., August 2000, June 2001). Estimates for 1999 were taken from Ito et al. (2004). Estimates for 2000–2004 were taken from Ito et al. (2005).These estimates cover the commercial fishery only and not the recreational fishery.

Albacore, seasonal catches (Table 58): These statistics cover the South Pacific albacore troll fishery and not the troll and handline fisheries in American Samoa, Guam, Northern Marianas or Hawaii. The numbers of vessels and catch estimates for the 1985/86–1996/97 seasons were provided by NMFS (Childers, pers. comm., May 1996; Coan, pers. comm., June 2001). The numbers of vessels and catch estimates for the 1997/98 seasons were taken from Ito et al. (2003). The numbers of vessels and catch estimates for the 1998/99–2003/04 seasons were taken from Ito et al. (2005). The catch estimates do not cover discards. CPUE estimates for the 1985/86–2001/02 seasons were provided by NMFS (Coan, pers. comm., June 2003).

TROLL continued

Albacore, annual catches (Table 69): These statistics cover the South Pacific albacore troll fishery and not the troll and handline fisheries in American Samoa, Guam, Northern Marianas or Hawaii. Catch estimates for 1986–1997 were provided by NMFS (Coan, pers. comm., June 2001). Catch estimates for 1998 were taken from Ito et al. (2003). Catch estimates for 1999 were taken from Ito et al. (2004). Catch estimates for 2000–2004 were taken from Ito et al. (2005). 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 compiled for the North Pacific Albacore Workshop (updated on 13 July 2004) and provided by the National Marine Fisheries Service (Coan, pers. comm., July 2004), except the following. Estimates of Japanese catches for certain years were provided by the National Research Institute of Far Seas Fisheries (Miyabe, pers. comm., May 2005). Estimates for Canadian troll for 1995–2004 were provided by Fisheries and Oceans Canada (Stocker, pers. comm., May 2005). The estimate for Chinese Taipei longline for 2004 was provided by the Fisheries Agency (Lin, pers. comm., May 2005).

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 March 2005, which was downloaded from the website of the International Commission for the Conservation of Atlantic Tunas (ICCAT), located at http://www.iccat.es.

Australia, recreation

Albacore: All estimates were provided by the Bureau of Rural Sciences (Caton, pers. comm., March 1996; Findlay, pers. comm., June 2002; Bromhead, pers. comm., May 2003).

Australia, unclassified

Bigeye, Skipjack and Yellowfin: All estimates were provided by the Bureau of Rural Sciences (Bromhead, pers. comm., April 2004, May 2005). These catch estimates cover rod and reel, handline, minor line and troll.

Eastern Pacific Ocean

All estimates were provided by the Inter-American Tropical Tuna Commission (Suter, pers. comm., June 2005), except estimates of the longline catch of bigeye during 1954–1961, which were determined from catch and effort data, grouped by 5° latitude, 5° longitude and month, provided by the Fisheries Agency of Japan.

French Polynesia
poti marara

Poti marara are coastal vessels ranging from 18 ft (5.5 m) to 26 ft (7.9 m), with engines ranging from 36-hp outboards to 250-hp inboards, depending on the boat length, age and fishing strategy. Gear types used include about 60 per cent troll, 20 per cent harpoon, 10 per cent deep handline, 7 per cent pole-and-line, as well as spear gun, scoops, scuba diving and nets. Estimates for 1990–1995 were taken from Stein (2000). Estimates for 1996 were taken from Misselis (2003). Estimates for 1997–2003 were taken from Ponsonnet (2004).

Indian Ocean

All estimates were provided by the Indian Ocean Tuna Commission (Herrera, pers. comm., April 2004).

Indonesia, handline

Bigeye: All estimates were determined by adjusting estimates of yellowfin catches for the inclusion of bigeye. The proportion of bigeye in the catch of yellowfin was estimated as 8.6 per cent 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). Estimates for 1991–2004 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003, April 2004, May 2005). 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 1991–2004 were determined by subtracting estimates of catches by the other gear types from estimates of the total catch; estimates of the total catch for 1991–2002 were provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003, April 2004, May 2005).

Yellowfin: Estimates for 1950–1969 were made assuming an annual increase equivalent to the average annual increase during 1970–1980 and back-calculating from 1970. Estimates for 1970–1990 were taken from Indo-Pacific Tuna Programme (1991a, 1991b) for Area F71, except estimates for 1982 and 1986–1989, which were provided by the Research Institute for Marine Fisheries (Naamin, pers. comm. to Coan, 1997). Estimates for 1991–2004 were determined from information provided by the Data and Statistic Sub Directorate of the Directorate General of Capture Fishery (Muranto, pers. comm., May 1993; Naamin, pers. comm., August 1995; Retnowati, pers. comm., June 2003, April 2004, May 2005). All estimates were adjusted for the inclusion of bigeye in the estimated catches of yellowfin; the proportion of bigeye in the catch of yellowfin was estimated at 10 per cent for unclassified gear types (Hampton et al. 1996).

Japan, unclassified

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

Kiribati, artisanal

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

New Zealand, unclassified

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

OTHER continued

Philippines, gill net	Bigeye, Skipjack and Yellowfin: Estimates of skipjack and yellowfin catches for 1950–1969 were determined assuming an annual increase equivalent to the average annual increase during 1970–1980 and back-calculating from 1970. All estimates for 1970–1995 were taken from Lawson & Williams (1998). Estimates of the catch of skipjack and the combined catch of yellowfin and bigeye for 1996–1999 were provided by the Bureau of Agricultural Statistics (Recide, pers. comm., June 2002). Estimates of the catch of skipjack and the combined catch of yellowfin and bigeye for 2000–2004 were taken from Barut & Garvilles (2005). Catches by species and gear type for 1996–2004 were estimated using the method in Lawson & Williams (1998) and the proportions by gear type for 1996.
Philippines, handline	See Philippines, gill net.
Philippines, unclassified	See Philippines, gill net.
Chinese Taipei, unclassified	Bigeye, Skipjack and Yellowfin: All estimates were provided by National Taiwan University (Sun, pers. comm. to Coan, 1997).

ESTIMATION OF PURSE-SEINE CATCHES OF BIGEYE AND YELLOWFIN

Estimates of purse-seine catches of bigeye and yellowfin 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

$$\hat{C}_{sfy} = P_{sfy} \cdot C_{fy} \tag{1}$$

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

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

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.

Estimates of the P_{sya} and P_{syu} were derived in Lawson (2005). For the period 1989–1994, 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 1995–2003, estimates of the P_{sya} and P_{syu} were determined from observer data covering all fleets active in the region. For years prior to 1989, the average of the P_{sya} and P_{syu} for 1989–1994 were used, while for 2004, the average of the P_{sya} and P_{syu} for 1995–2003 were used. The table below presents the values of the P_{sya} ('associated') and P_{syu} ('unassociated'):

YEAR	UNASSOCIATED	ASSOCIATED
1989	0.005	0.160
1990	0.003	0.116
1991	0.010	0.101
1992	0.007	0.139
1993	0.009	0.129
1994	0.004	0.116
1995	0.000	0.119
1996	0.025	0.230
1997	0.038	0.260
1998	0.035	0.253
1999	0.011	0.186
2000	0.005	0.159
2001	0.027	0.235
2002	0.031	0.244
2003	0.021	0.218

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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	4.07	70	4	0.13	3	12	0.65	10	20	122	5.40
1997	21	...	309	3.10	80	4	0.04	1	22	0.23	6	52	387	3.87
1998	25	...	446	2.56	76	10	0.04	2	42	0.18	7	92	590	3.38
1999	29	...	338	1.70	65	9	0.06	2	64	0.45	12	106	517	3.14
2000	37	...	626	2.42	76	21	0.06	3	86	0.45	10	95	828	3.46
2001	67	...	3,233	3.22	88	75	0.07	2	188	0.13	5	195	3,691	3.96
2002	60	...	5,951	2.54	83	196	0.07	3	485	0.13	7	501	7,133	3.63
2003	51	...	3,931	1.64	78	242	0.11	5	497	0.20	10	392	5,062	2.60
2004	40	...	2,462	1.29	60	227	0.12	6	888	0.31	22	496	4,073	2.51

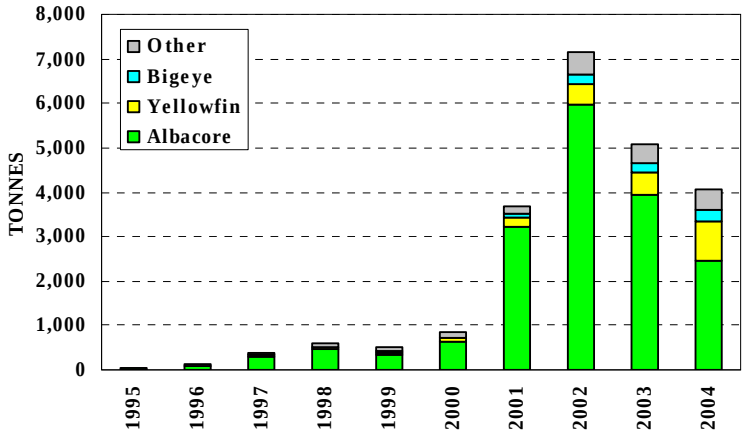

Figure 4. Catches by American Samoan longliners

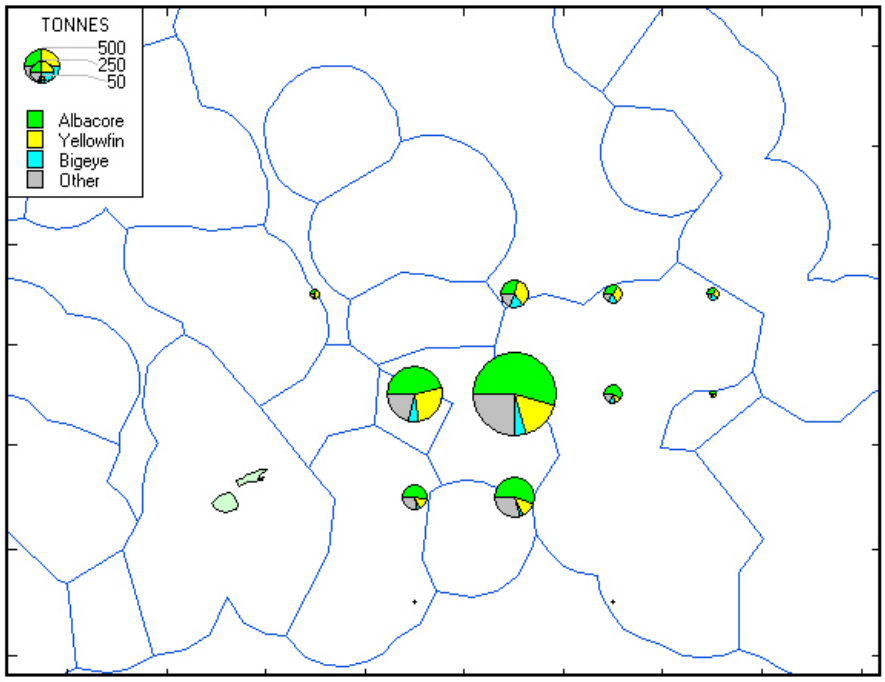

Figure 5. American Samoan longliner catch, 2004

LONGLINE: AUSTRALIA

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

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1985	4	26	0	0.27	0	0	0.00	0	9	0.07	64	5	14	1.98
1986	32	61	0	0.14	0	1	0.04	4	13	0.46	54	10	24	1.48
1987	133	1,588	129	0.71	6	64	0.06	3	1,164	2.44	52	890	2,247	4.79
1988	134	1,514	107	0.64	6	43	0.05	2	922	2.14	51	722	1,794	4.07
1989	124	1,008	93	1.02	4	19	0.03	1	833	2.49	37	1,320	2,265	2.68
1990	117	1,274	124	0.79	6	24	0.03	1	786	2.42	41	980	1,914	2.68
1991	111	1,822	158	0.93	8	27	0.03	1	807	1.87	41	961	1,953	1.62
1992	124	2,393	214	0.90	9	34	0.04	1	1,017	1.81	41	1,222	2,487	0.98
1993	109	2,065	186	0.92	10	25	0.04	1	781	1.67	41	936	1,928	0.92
1994	110	3,274	357	1.09	11	123	0.12	4	1,221	1.27	38	1,508	3,209	1.10
1995	109	3,898	438	0.97	11	172	0.14	4	1,313	1.32	34	1,916	3,839	1.95
1996	119	4,220	408	1.04	9	293	0.24	6	1,660	1.93	35	2,377	4,738	4.14
1997	137	5,606	302	0.55	5	983	0.47	16	1,680	0.94	28	2,997	5,962	3.07
1998	156	8,776	460	0.49	6	1,166	0.33	15	2,152	0.72	28	3,811	7,589	2.60
1999	145	9,661	359	0.35	6	895	0.22	14	1,839	0.47	30	3,127	6,220	2.01
2000	140	9,355	381	0.36	7	753	0.22	13	1,740	0.56	30	2,944	5,818	2.09
2001	...	10,711	570	0.48	6	1,188	0.31	13	2,557	0.63	28	4,713	9,028	2.63
2002	144	11,837	553	0.40	6	885	0.26	9	3,020	0.90	32	5,069	9,527	1.56
2003	146	12,540	487	0.39	6	901	0.26	11	3,110	0.85	38	3,699	8,197	1.82
2004	124	9,815	658	0.71	12	784	0.25	14	1,948	0.66	35	2,125	5,515	1.95

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

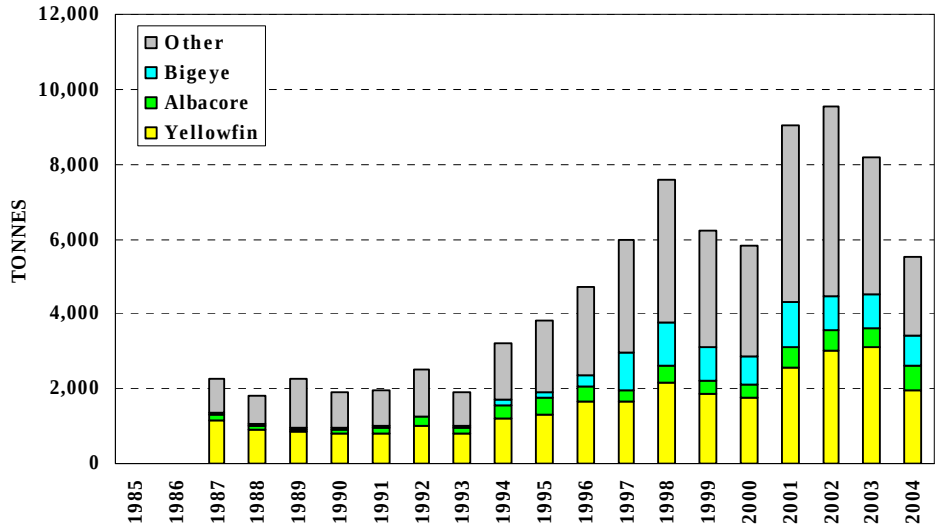

Figure 6. Catches by Australian domestic and chartered longliners

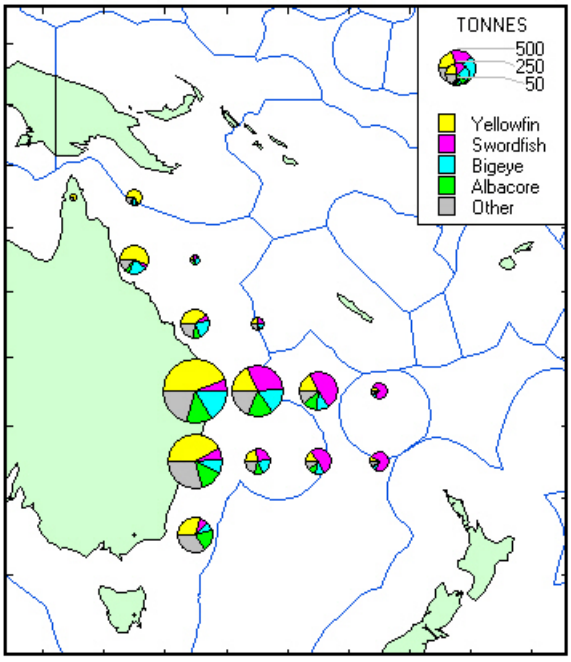

Figure 7. Australian longliner catch, 2004

LONGLINE: CHINA

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

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1988	7	...	0	0.00	0	24	0.26	55	20	0.32	45	0	44	0.58
1989	9	...	0	0.00	0	99	0.67	66	45	0.40	30	5	149	1.13
1990	23	...	4	0.01	1	276	0.40	48	173	0.28	30	117	570	0.86
1991	39	...	0	0.00	0	526	0.26	45	481	0.32	41	160	1,167	0.72
1992	72	...	0	0.00	0	1,400	0.35	50	1,315	0.44	47	103	2,818	0.85
1993	311	...	1	0.00	0	3,664	0.31	47	2,754	0.31	35	1,377	7,796	1.26
1994	456	...	8	0.00	0	7,846	0.45	54	4,823	0.38	33	1,738	14,415	1.02
1995	422	...	5	0.00	0	4,744	0.29	41	5,837	0.48	51	926	11,512	0.86
1996	325	...	8	0.00	0	3,261	0.29	51	2,757	0.34	43	380	6,406	0.83
1997	144	...	2	0.00	0	2,243	0.41	59	1,419	0.34	38	110	3,774	0.79
1998	124	...	1	0.00	0	1,836	0.39	53	1,435	0.35	42	174	3,446	0.81
1999	115	...	3,473	...	42	1,805	...	22	2,237	...	27	818	8,333	...
2000	106	24,707	2,056	...	28	1,981	...	27	2,207	...	30	1,047	7,291	...
2001	116	26,103	2,711	...	35	2,227	...	29	1,919	...	25	825	7,682	...
2002	123	...	2,920	...	37	2,312	...	29	1,844	...	23	865	7,941	...
2003	179	...	6,222	...	28	8,965	...	41	3,358	...	15	3,353	21,898	...
2004	...	...	...	...	...	...	...	...	...	...	...	...	...	...

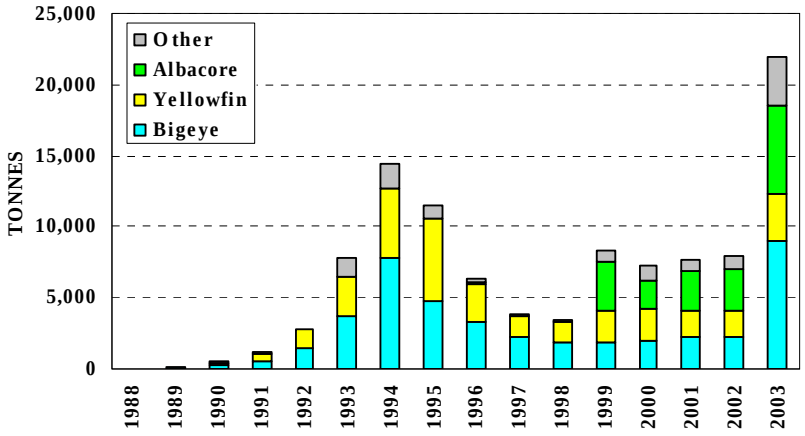

Figure 8. Catches by Chinese longliners

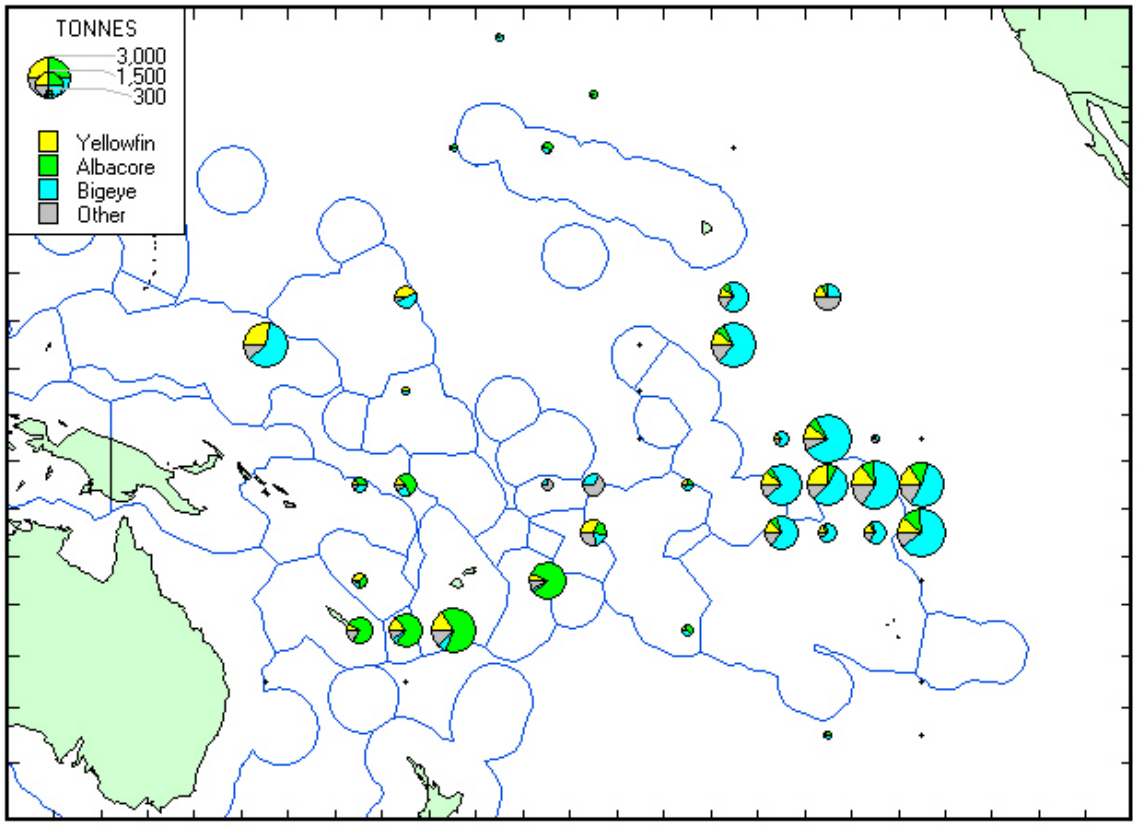

Figure 9. Chinese longliner catch, 2003

LONGLINE: COOK ISLANDS

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1994	2	...	23	0.75	24	8	0.13	8	11	0.16	11	48	97	2.09
1995	3	...	32	0.36	21	17	0.10	11	22	0.11	14	81	152	1.24
1996	2	...	5	0.21	15	3	0.09	9	8	0.21	24	18	34	1.08
1997	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1998	1	...	...	...	...	...	...	...	...	...	...	...	...	...
1999	2	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2001	1	...	2	...	29	1	...	14	1	...	14	3	7	...
2002	19	...	901	2.85	79	69	0.14	6	52	0.11	5	117	1,139	3.69
2003	44	...	1,461	1.46	62	202	0.15	9	179	0.15	8	499	2,341	2.33
2004	33		1,630	1.32	54	343	0.24	11	458	0.29	15	573	3,004	2.44

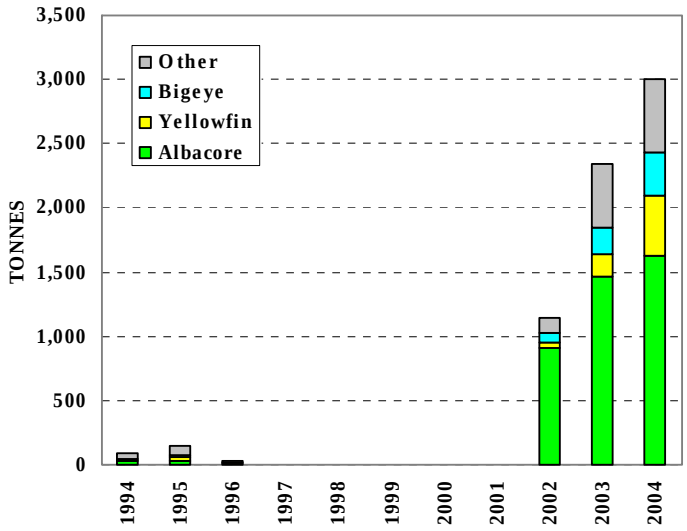

Figure 10. Catches by Cook Islands longliners

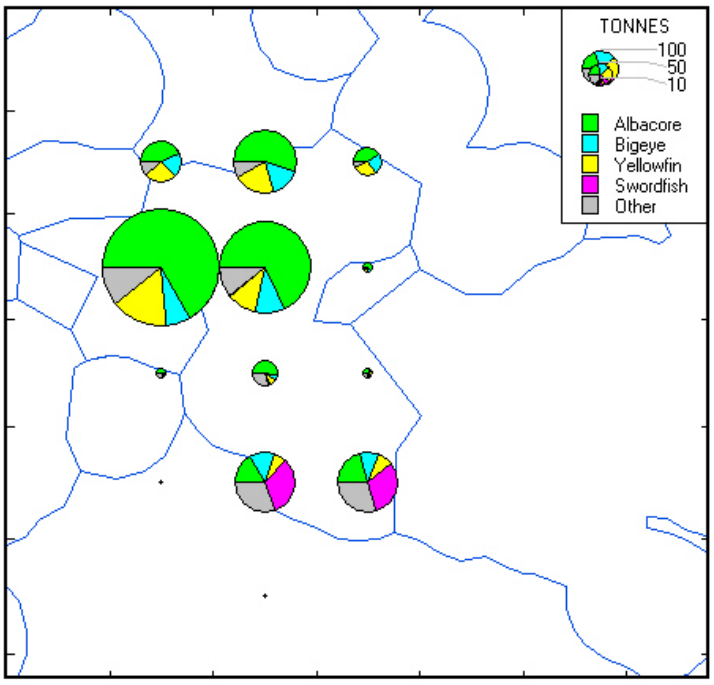

Figure 11. Cook Islands longliner catch, 2004

LONGLINE: 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	10	...	3	0.00	1	72	0.19	32	117	0.48	52	31	223	0.81
1995	11	...	0	0.00	0	51	0.19	22	153	0.94	65	31	235	1.37
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	26	...	2	0.00	0	617	0.36	70	225	0.19	25	41	885	0.71
2000	26	...	5	0.00	0	895	0.32	59	495	0.25	32	132	1,527	0.65
2001	23	...	3	0.00	0	647	0.36	58	345	0.30	31	116	1,111	0.73
2002	22	...	0	0.00	0	723	0.38	72	199	0.11	20	80	1,002	0.53
2003	25	...	1	0.00	0	620	0.36	57	314	0.22	29	153	1,088	0.69
2004	18	...	0	0.00	0	520	0.37	61	207	0.16	24	122	849	0.64

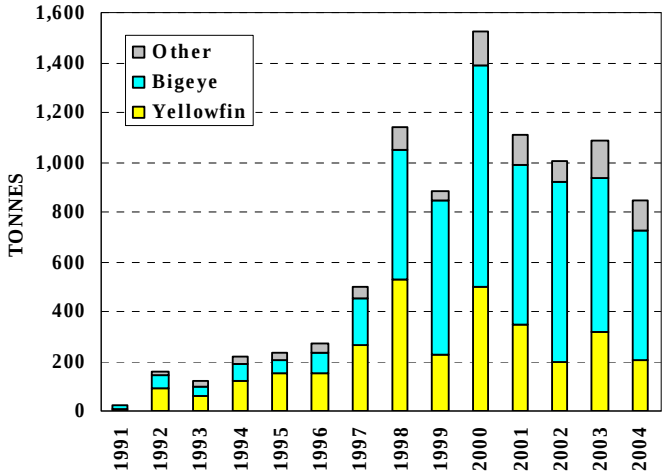

Figure 12. Catches by Federated States of Micronesia longliners

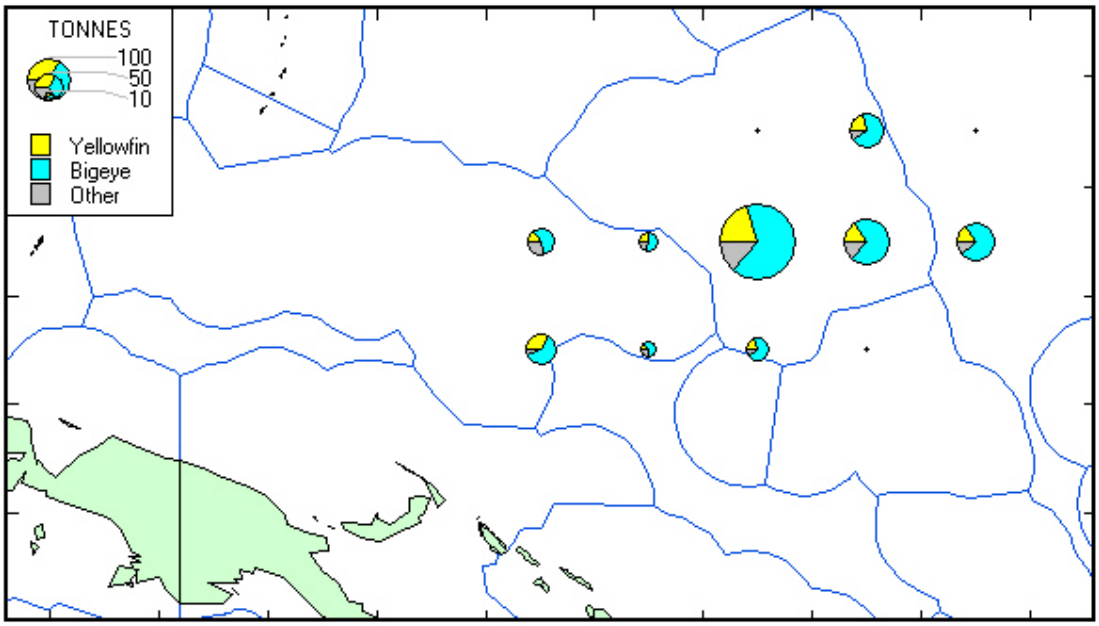

Figure 13. Federated States of Micronesia longliner catch, 2004

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	0.75	27	187	0.25	21	202	0.29	23	252	884	1.75
1993	22	...	463	0.97	36	204	0.21	16	319	0.34	25	296	1,282	2.11
1994	37	...	842	0.98	35	249	0.19	10	625	0.37	26	707	2,423	2.12
1995	48	...	702	1.07	23	378	0.19	12	949	0.36	31	1,040	3,069	2.10
1996	42	...	1,446	1.86	32	593	0.27	13	1,376	0.33	31	1,060	4,475	2.82
1997	34	...	1,842	1.52	43	409	0.16	10	970	0.33	23	1,027	4,248	2.55
1998	39	...	2,121	1.90	44	460	0.16	10	862	0.28	18	1,329	4,772	2.96
1999	43	...	2,279	1.63	45	462	0.12	9	725	0.14	14	1,559	5,025	2.37
2000	61	...	6,065	1.84	53	687	0.14	6	2,465	0.51	22	2,224	11,441	2.87
2001	95	...	7,971	1.69	65	662	0.10	5	2,082	0.27	17	1,504	12,219	2.45
2002	103	...	8,026	1.52	49	853	0.11	5	2,027	0.25	12	5,566	16,472	2.34
2003	101	...	6,881	1.08	56	889	0.10	7	2,482	0.27	20	1,953	12,205	1.87
2004	84	...	11,290	1.35	58	1,254	0.12	6	4,164	0.42	21	2,909	19,617	2.27

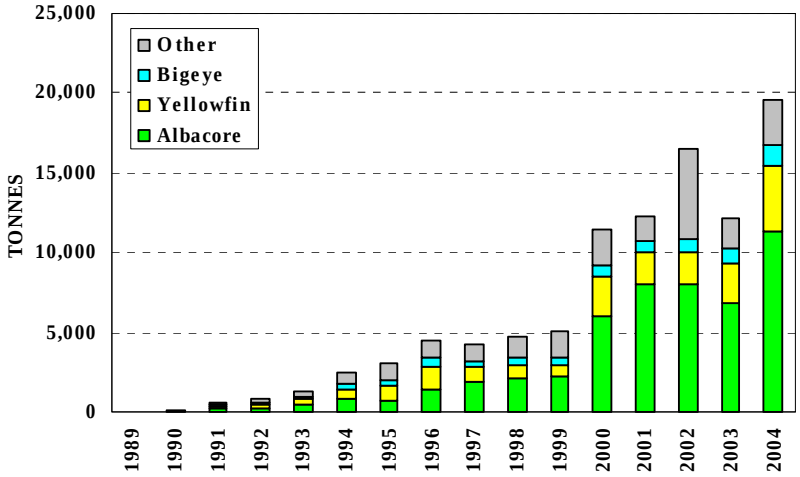

Figure 14. Catches by Fiji Islands longliners

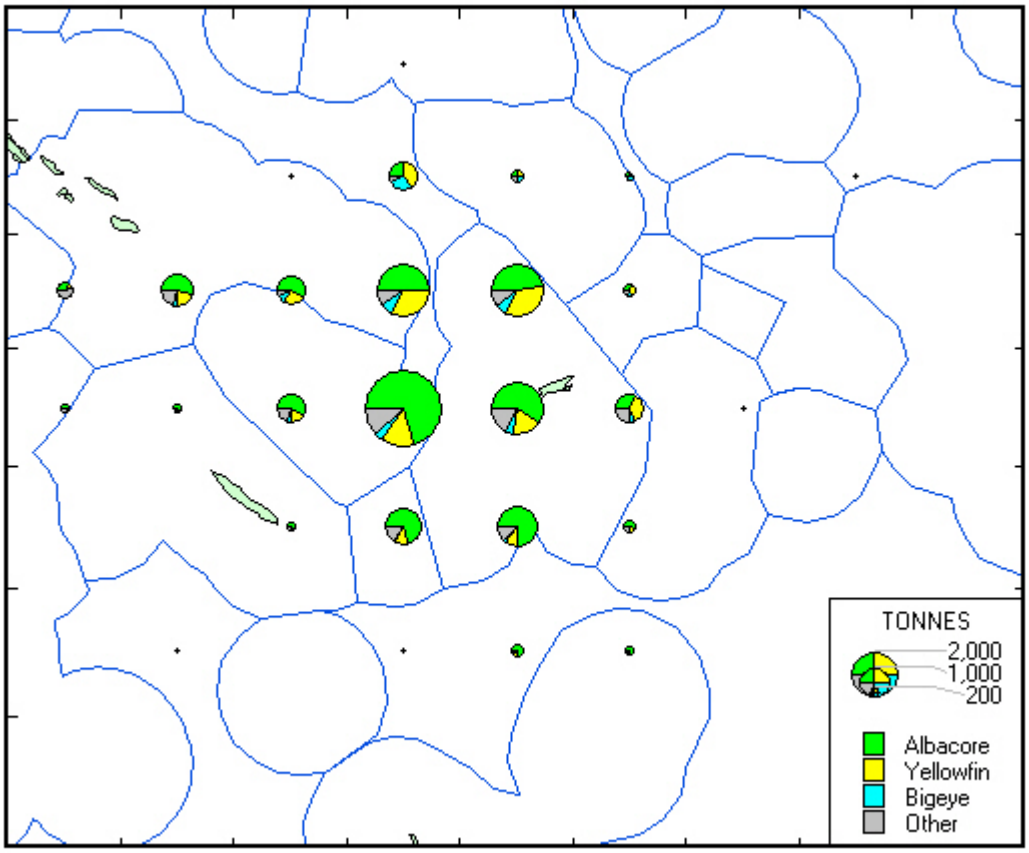

Figure 15. Fiji Islands longliner catch, 2004

LONGLINE: FRENCH POLYNESIA

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1990	2	55	20	1.94	36	4	0.27	7	6	0.49	11	25	55	4.54
1991	8	491	100	1.14	27	45	0.36	12	118	1.14	32	108	371	3.45
1992	25	1,050	195	1.35	24	57	0.27	7	150	0.91	18	418	820	4.67
1993	50	5,442	714	0.95	30	163	0.19	7	366	0.34	15	1,157	2,400	2.36
1994	66	5,242	913	0.88	34	165	0.11	6	275	0.23	10	1,300	2,653	2.11
1995	65	5,659	772	0.64	31	182	0.11	7	297	0.24	12	1,204	2,455	1.61
1996	59	5,997	1,463	1.05	43	184	0.11	5	380	0.25	11	1,346	3,373	2.16
1997	60	5,681	2,595	1.67	56	308	0.14	7	420	0.19	9	1,313	4,636	2.69
1998	54	5,431	3,189	1.87	60	402	0.19	8	480	0.21	9	1,213	5,284	2.92
1999	57	6,916	2,580	1.00	49	276	0.09	5	756	0.27	14	1,692	5,304	2.03
2000	57	6,616	3,473	1.38	50	711	0.24	10	1,202	0.45	17	1,510	6,896	2.73
2001	57	7,348	4,261	1.53	55	745	0.19	10	967	0.25	12	1,838	7,811	3.29
2002	54	6,707	4,557	1.59	62	649	0.16	9	507	0.12	7	1,689	7,402	2.65
2003	64	8,398	3,846	0.77	59	439	0.07	7	621	0.15	10	1,624	6,530	1.73
2004	75	...	2,164	0.32	42	495	0.08	10	1,042	0.30	20	1,458	5,159	1.71

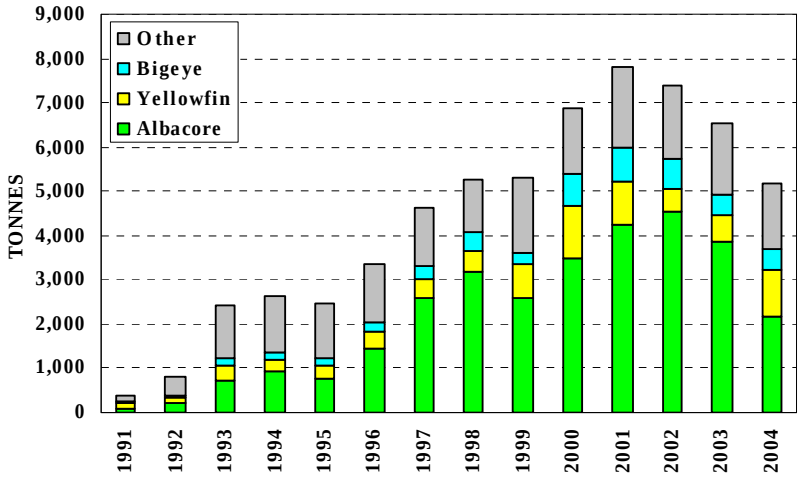

Figure 16. Catches by French Polynesian longliners

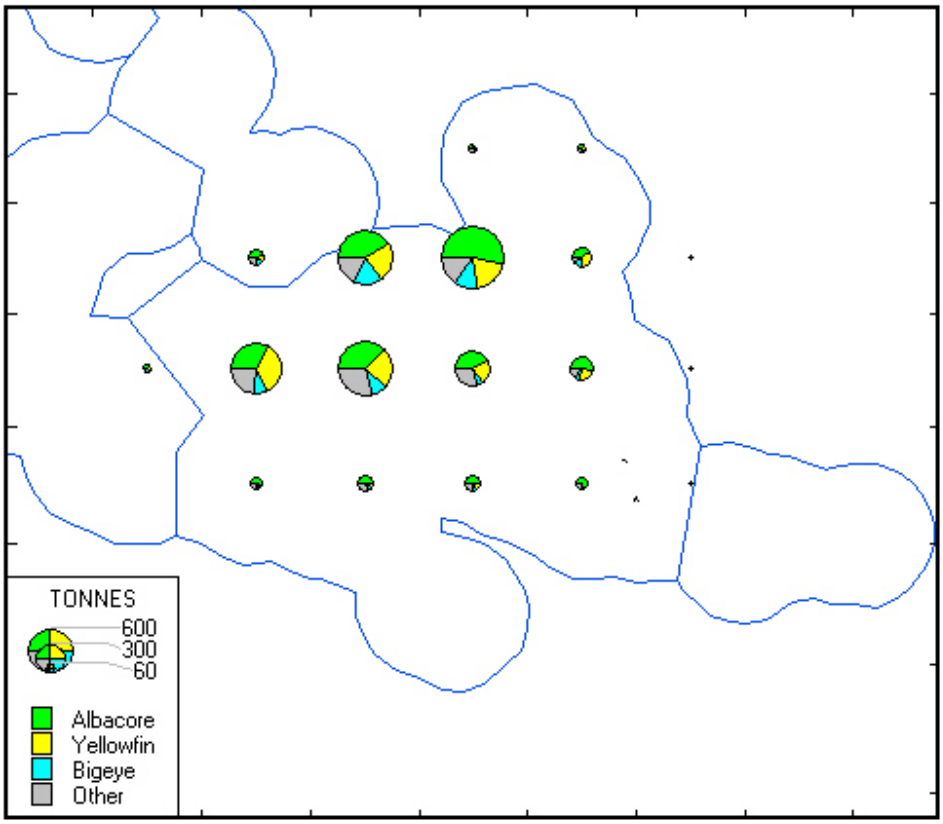

Figure 17. French Polynesian longliner catch, 2004

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

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1950	...	...	16,713	...	25	17,463	...	26	12,575	...	19	20,956	67,707	...
1951	...	...	11,384	...	25	11,895	...	26	8,566	...	19	14,274	46,119	...
1952	...	113,021	22,340	1.45	25	23,342	0.64	26	16,809	0.56	19	28,011	90,502	3.12
1953	...	123,897	23,604	1.37	24	21,783	0.53	22	22,926	0.68	23	30,844	99,157	3.07
1954	...	138,650	25,864	1.21	26	14,956	0.30	15	21,024	0.51	21	36,906	98,750	2.50
1955	...	149,371	21,179	0.95	21	23,752	0.45	24	19,721	0.46	20	35,272	99,924	2.27
1956	...	147,242	18,229	0.83	17	27,296	0.52	26	22,863	0.53	22	36,094	104,482	2.32
1957	...	168,793	24,113	0.91	16	34,725	0.54	23	39,348	0.76	26	52,083	150,269	2.73
1958	...	188,352	29,549	1.02	18	43,653	0.61	27	39,689	0.69	24	50,767	163,658	2.77
1959	...	206,900	26,174	0.87	16	39,169	0.52	23	40,665	0.66	24	60,992	167,000	2.53
1960	...	230,032	30,762	0.91	18	41,530	0.49	24	51,841	0.75	30	50,375	174,508	2.51
1961	...	253,129	32,264	0.85	18	35,657	0.38	19	49,618	0.64	27	66,561	184,100	2.29
1962	...	244,904	36,637	0.94	20	33,632	0.36	18	52,088	0.65	28	62,734	185,091	2.31
1963	...	244,565	24,902	0.71	14	40,061	0.42	22	49,887	0.63	28	66,318	181,168	2.13
1964	...	196,301	23,558	0.76	16	28,525	0.38	19	41,507	0.65	28	53,311	146,901	2.14
1965	...	217,088	22,469	0.67	16	26,293	0.33	18	39,627	0.60	28	54,310	142,699	1.94
1966	...	238,405	35,701	0.87	21	27,229	0.29	16	51,923	0.66	31	52,423	167,276	2.12
1967	...	239,390	33,386	0.92	26	26,316	0.31	20	24,954	0.39	19	45,334	129,990	1.90
1968	...	214,390	23,371	0.68	20	20,610	0.27	18	27,792	0.44	24	43,393	115,166	1.67
1969	...	213,831	16,874	0.50	16	25,276	0.34	23	29,116	0.48	27	37,112	108,378	1.58
1970	...	206,000	18,431	0.43	14	28,959	0.29	23	34,908	0.48	27	45,824	128,122	1.52
1971	...	216,000	13,114	0.29	11	32,113	0.27	27	32,366	0.40	27	41,567	119,160	1.23
1972	...	207,000	12,115	0.28	10	41,858	0.39	33	32,411	0.42	25	41,062	127,446	1.36
1973	...	189,000	13,192	0.33	12	31,818	0.32	29	33,906	0.51	31	32,215	111,131	1.41
1974	...	210,000	11,528	0.25	10	37,178	0.34	32	35,963	0.46	31	32,276	116,945	1.28
1975	...	183,000	7,689	0.21	8	37,743	0.41	37	32,897	0.53	33	22,396	100,725	1.34
1976	...	220,000	12,948	0.29	10	45,244	0.37	37	36,977	0.46	30	28,374	123,543	1.32
1977	...	199,000	10,969	0.27	9	48,644	0.46	38	46,701	0.67	37	21,491	127,805	1.57
1978	...	205,000	9,983	0.26	7	41,576	0.41	30	64,897	0.98	47	22,302	138,758	1.83
1979	...	240,000	11,276	0.24	8	44,070	0.37	32	55,233	0.65	40	27,165	137,744	1.43
1980	...	259,000	12,183	0.22	8	41,514	0.31	26	66,189	0.71	41	39,688	159,574	1.42
1981	...	273,000	17,394	0.30	12	32,681	0.23	22	55,603	0.55	38	39,652	145,330	1.22
1982	...	243,000	16,371	0.31	13	35,439	0.28	27	47,310	0.50	36	31,396	130,516	1.22
1983	...	214,000	13,650	0.32	11	32,733	0.33	26	50,036	0.62	40	27,944	124,363	1.40
1984	...	216,000	11,291	0.26	10	36,834	0.36	32	39,427	0.47	34	27,957	115,509	1.24
1985	...	223,000	11,901	0.27	10	39,420	0.38	32	40,548	0.48	33	31,641	123,510	1.27
1986	...	196,000	10,797	0.28	9	38,867	0.37	34	32,340	0.42	28	32,567	114,571	1.24
1987	...	202,000	10,742	0.28	10	43,420	0.43	38	29,268	0.38	26	29,618	113,048	1.24
1988	...	222,000	13,055	0.28	10	42,788	0.34	34	36,328	0.38	29	34,623	126,794	1.17
1989	...	200,000	11,621	0.28	11	41,236	0.37	39	28,231	0.34	27	23,581	104,669	1.13
1990	...	192,000	12,326	0.34	12	43,035	0.42	42	28,779	0.38	28	18,133	102,273	1.27
1991	...	170,000	11,189	0.32	14	30,794	0.36	38	20,966	0.31	26	17,257	80,206	1.13
1992	...	154,000	12,836	0.42	14	38,074	0.42	41	25,523	0.38	27	16,770	93,203	1.37
1993	...	164,000	17,910	0.56	19	31,289	0.34	33	25,745	0.37	27	19,603	94,547	1.45
1994	...	158,000	17,868	0.57	20	27,967	0.34	31	27,302	0.39	30	17,875	91,012	1.47
1995	...	141,000	15,806	0.54	20	22,664	0.30	28	26,547	0.48	33	15,055	80,072	1.46
1996	...	127,000	15,939	0.63	23	19,018	0.31	28	21,393	0.50	31	12,396	68,746	1.57
1997	...	121,000	16,700	0.71	24	23,140	0.41	33	18,558	0.40	26	12,063	70,461	1.66
1998	...	121,000	16,840	0.67	23	29,638	0.42	40	17,217	0.32	23	11,094	74,789	1.55
1999	...	121,000	13,166	0.53	22	24,203	0.37	40	12,275	0.27	20	10,395	60,039	1.30

Table 9 (continued)

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
2000	683	128,000	12,848	0.46	19	23,119	0.32	35	20,823	0.41	31	9,843	66,633	1.30
2001	494	122,000	14,651	0.62	25	23,102	0.34	39	12,288	0.25	21	9,283	59,324	1.34
2002	484	119,000	9,770	0.43	18	23,992	0.37	44	12,030	0.26	22	8,671	54,463	1.17
2003	...	125,000	7,743	0.38	15	20,917	0.34	42	12,058	0.28	24	9,439	50,157	1.13
2004	...	118,000	8,658	0.63	17	21,910	0.46	44	9,400	0.28	19	9,657	49,625	1.51

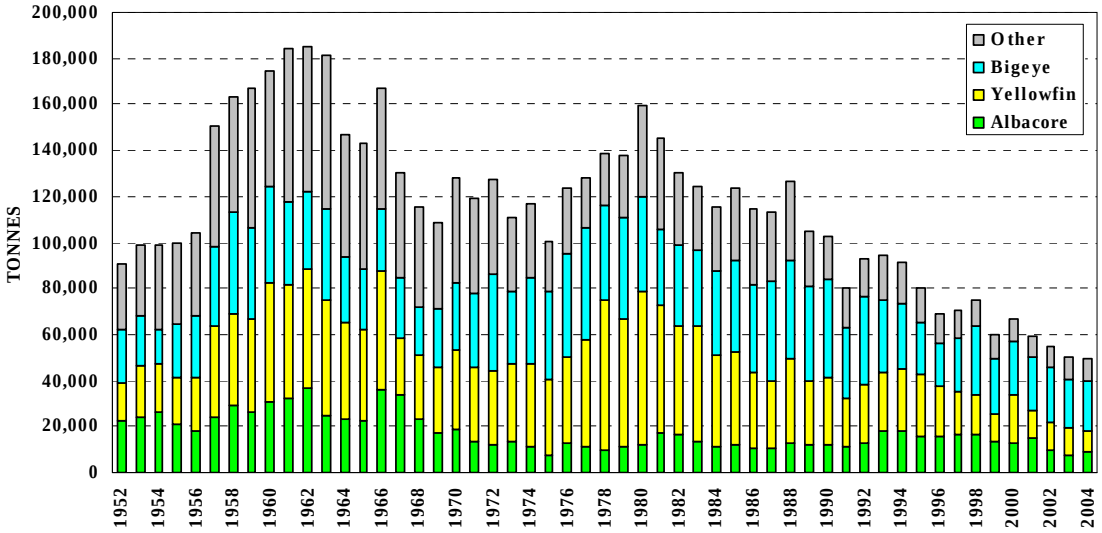

Figure 18. Catches by Japanese distant-water and offshore longliners

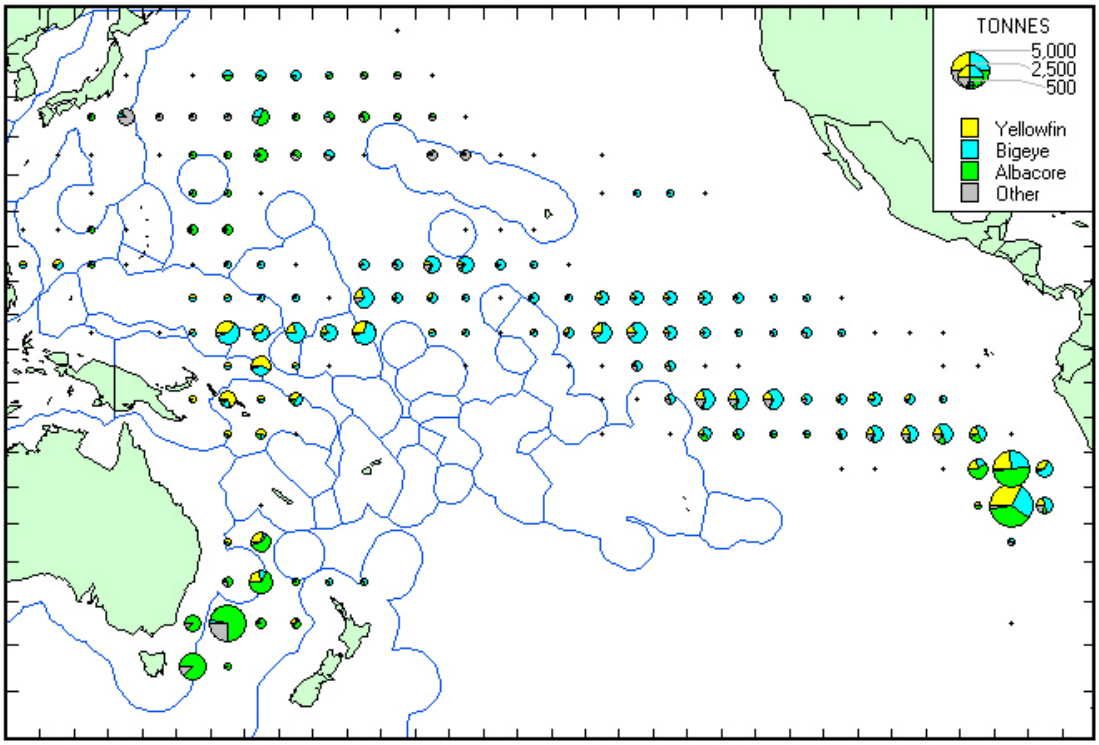

Figure 19. Japanese distant-water and offshore longliner catch, 2004

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
1997	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1998	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1999	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	1	...	0	...	0	1	...	25	2	...	50	1	4	...
2001	1	...	0	...	0	0	...	0	2	...	50	2	4	...
2002	1	...	0	...	0	0	...	0	0	...	0	1	1	...
2003	2	...	0	...	0	1	...	13	2	...	25	5	8	...
2004	...	...	...	...	...	...	...	...	...	...	...	...	...	...

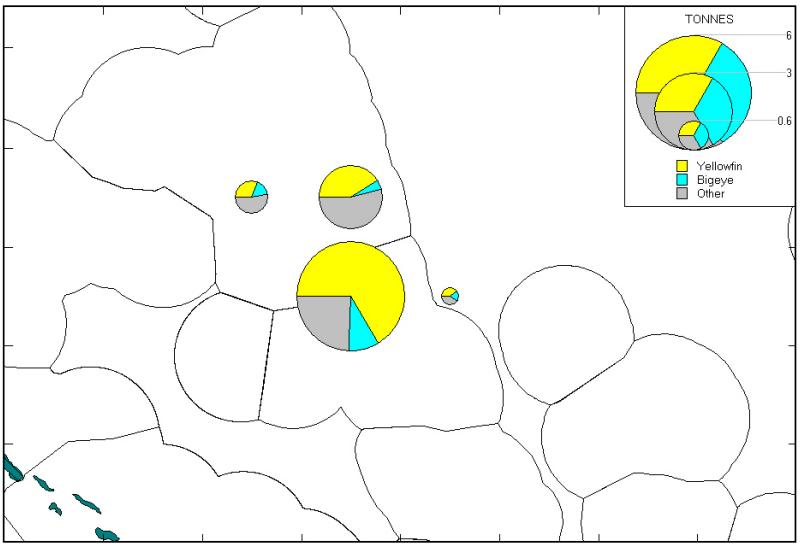

Figure 20. Kiribati longliner catch, 1995

LONGLINE: MARSHALL ISLANDS

Table 11. Catches (tonnes) by Marshall Islands longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1992	2	...	0	...	0	6	...	67	3	...	33	0	9	...
1993	5	...	0	...	0	67	...	38	70	...	40	40	177	...
1994	2	...	0	...	0	25	...	52	23	...	48	0	48	...
1995	4	...	0	...	0	10	...	43	12	...	52	1	23	...
1996	...	...	...	...	...	...	...	...	...	...	...	...	...	...

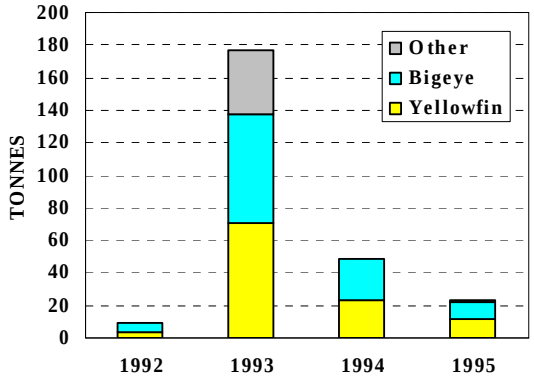

Figure 21. Catches by Marshall Islands longliners

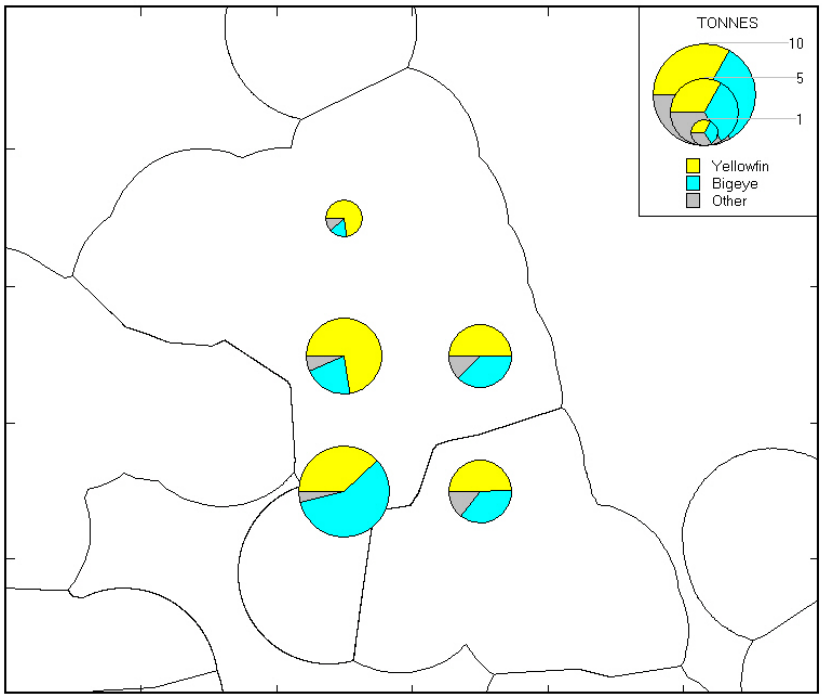

Figure 22. Marshall Islands longliner catch, 1995

LONGLINE: NAURU

Table 12. Catches (tonnes) by Nauruan longliners

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
2000	1	...	0	...	0	1	...	8	8	...	62	4	13	...
2001	1	...	0	...	0	6	...	46	5	...	38	2	13	...
2002	2	...	0	...	0	3	...	50	2	...	33	1	6	...
2003	3	...	2	...	8	10	...	42	6	...	25	6	24	...
2004	2	...	0	...	0	0	...	0	1	...	100	0	1	...

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	1.09	49	128	0.08	6	570	0.36	28	346	2,064	1.92
2002	25	...	1,165	1.45	53	189	0.09	9	572	0.40	26	285	2,211	2.32
2003	28	...	1,111	1.00	45	142	0.08	6	754	0.49	31	459	2,466	1.87
2004	27	...	1,468	1.30	56	90	0.05	3	631	0.48	24	427	2,616	2.09

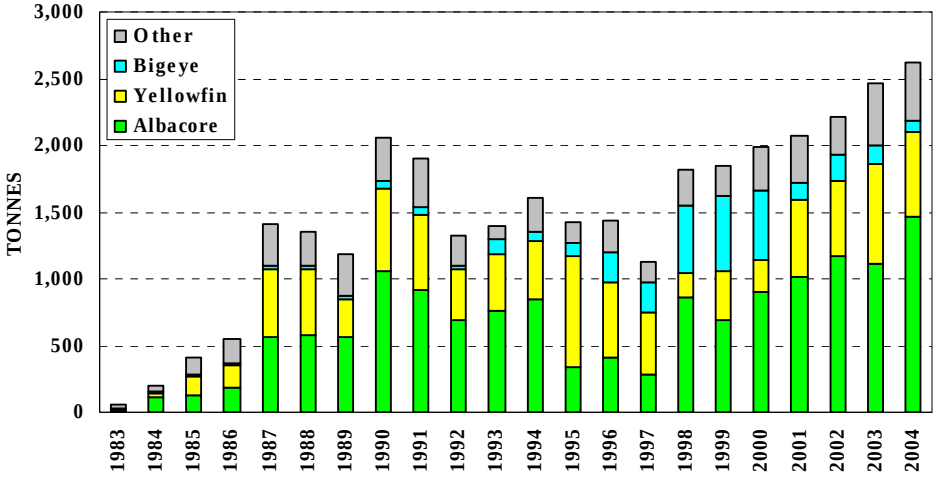

Figure 23. Catches by New Caledonian longliners

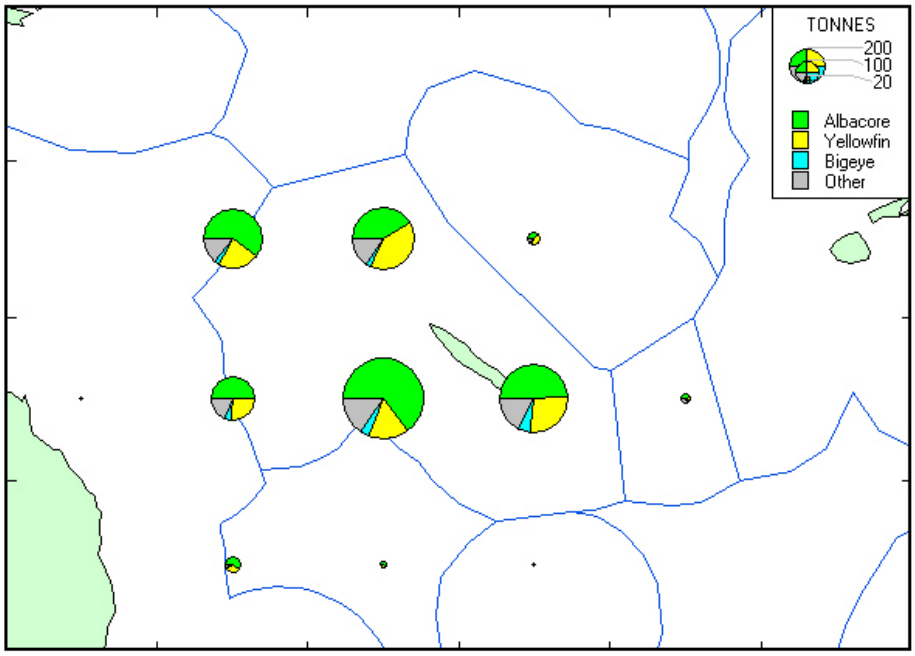

Figure 24. New Caledonian longliner catch, 2004

LONGLINE: NEW ZEALAND

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1987	...	...	9	...	60	0	...	0	6	...	40	...	15	...
1988	...	...	4	...	25	0	...	0	12	...	75	...	16	...
1989	1	...	523	...	55	9	...	1	10	...	1	406	948	...
1990	13	...	170	...	28	30	...	5	4	...	1	395	599	...
1991	22	...	85	...	26	44	...	14	6	...	2	189	324	...
1992	27	...	209	...	38	39	...	7	13	...	2	291	552	...
1993	42	...	345	...	46	74	...	10	14	...	2	313	746	...
1994	59	...	635	...	57	69	...	6	32	...	3	372	1,108	...
1995	93	...	810	...	54	60	...	4	94	...	6	542	1,506	...
1996	82	...	1,079	...	66	86	...	5	141	...	9	321	1,627	...
1997	62	...	847	...	49	140	...	8	121	...	7	626	1,734	...
1998	86	...	2,057	...	59	388	...	11	116	...	3	906	3,467	...
1999	92	...	2,103	...	51	420	...	10	149	...	4	1,483	4,155	...
2000	112	...	1,344	...	42	421	...	13	98	...	3	1,375	3,238	...
2001	132	...	2,093	...	50	480	...	12	130	...	3	1,445	4,148	...
2002	156	...	2,105	...	56	203	...	5	26	...	1	1,448	3,782	...
2003	132	...	3,175	...	71	204	...	5	0	...	0	1,062	4,441	...
2004	99	...	1,360	...	54	177	...	7	0	...	0	982	2,519	...

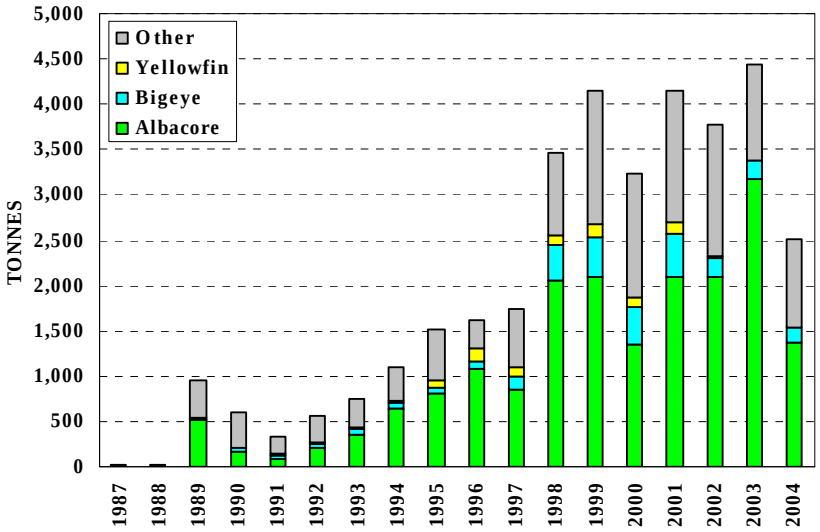

Figure 25. Catches by New Zealand longliners

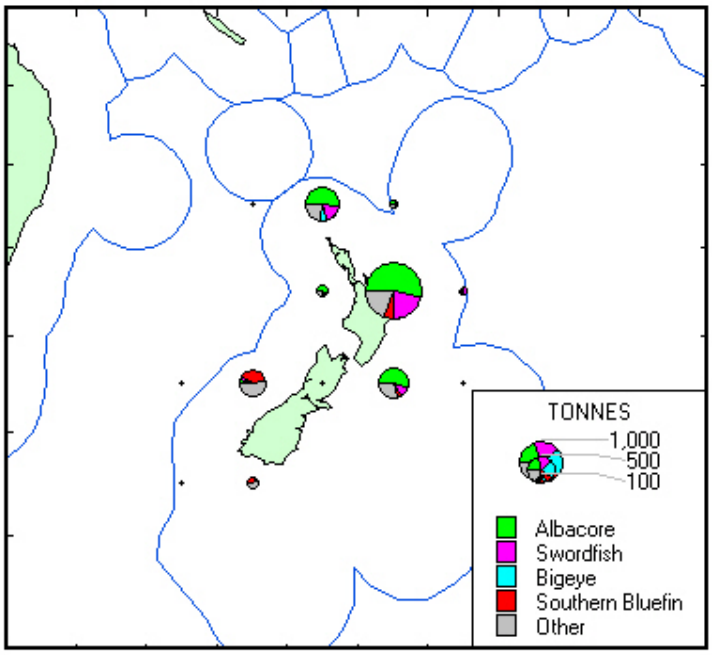

Figure 26. New Zealand longliner catch, 2004

LONGLINE: PALAU

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1992	1	...	0	...	0	90	...	63	48	...	33	6	144	...
1993	1	...	1	...	1	66	...	60	39	...	35	4	110	...
1994	1	...	3	...	3	50	...	56	31	...	35	5	89	...
1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1996	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1997	1	...	0	...	0	6	...	86	1	...	14	0	7	...
1998	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1999	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	3	...	2	...	1	75	...	52	63	...	44	4	144	...
2001	9	...	0	...	0	21	...	31	41	...	61	5	67	...
2002	1	...	0	...	0	1	...	25	3	...	75	0	4	...
2003	1	...	0	...	0	1	...	5	19	...	90	1	21	...
2004	1	...	0	...	0	7	...	19	28	...	76	2	37	...

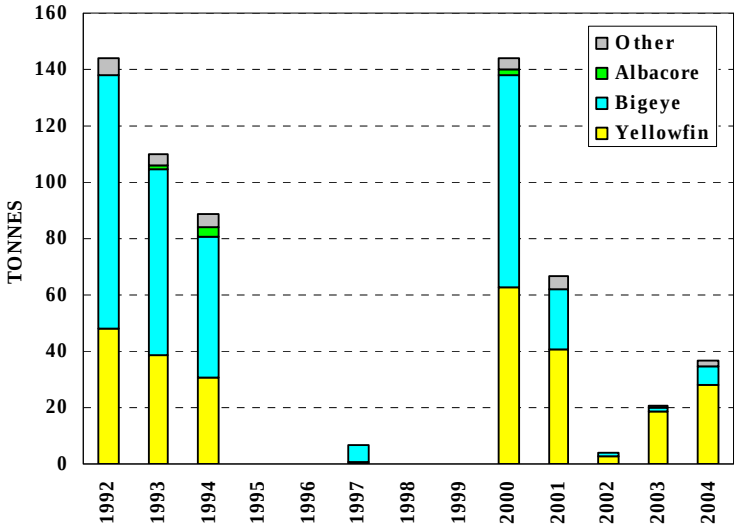

Figure 27. Catches by Palau longliners

LONGLINE: PAPUA NEW GUINEA

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1991	1	...	...	...	...	...	...	...	...	...	...	...	...	...
1992	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1993	2	...	0	...	0	0	...	0	8	...	80	2	10	...
1994	4	...	0	...	0	0	...	0	30	...	83	6	36	...
1995	11	...	6	0.10	3	19	0.04	10	149	1.09	78	16	190	1.35
1996	7	...	38	0.66	14	13	0.13	5	184	1.48	69	32	267	2.49
1997	8	...	101	0.89	18	56	0.25	10	389	1.63	69	14	560	2.87
1998	28	...	104	0.30	9	42	0.07	4	481	1.19	41	539	1,166	3.17
1999	47	...	129	0.32	9	60	0.08	4	490	0.67	33	827	1,506	3.43
2000	57	...	159	0.24	8	187	0.16	9	844	0.74	42	812	2,002	2.71
2001	51	...	123	0.13	4	260	0.16	9	1,793	1.05	64	626	2,802	2.09
2002	50	...	136	0.15	4	324	0.25	8	1,738	1.12	46	1,621	3,819	2.35
2003	51	...	857	0.76	20	377	0.22	9	1,686	1.04	38	1,469	4,389	2.24
2004	50		1,640	1.20	27	396	0.15	6	2,526	0.90	41	1,602	6,164	2.34

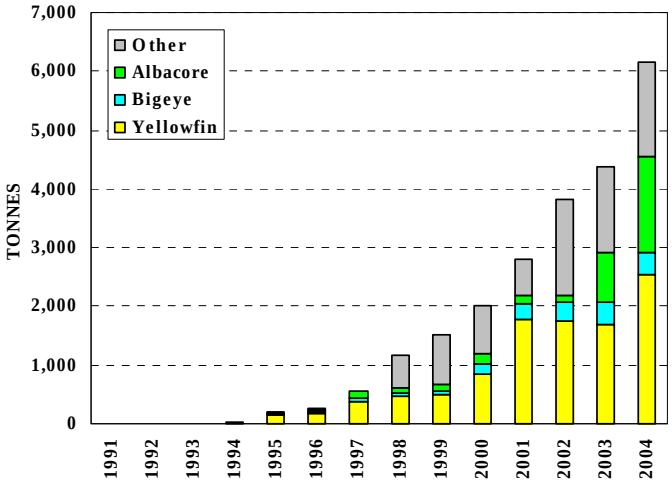

Figure 28. Catches by Papua New Guinea longliners
Estimates for 1991–1997 represent unraised logsheet totals.

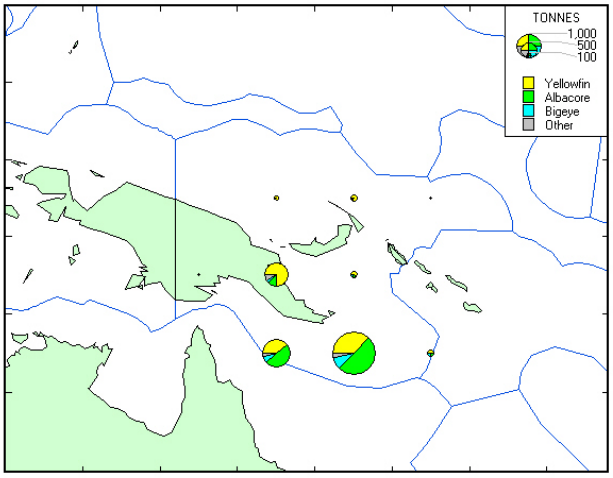

Figure 29. Papua New Guinea longliner catch, 2004

LONGLINE: REPUBLIC OF KOREA

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

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	47,295	6,261	0.25	19	13,543	0.67	41	9,529	0.38	29	3,929	33,262	1.36
1976	257	826,610	9,008	0.74	16	20,176	0.55	36	15,118	0.63	27	11,894	56,196	1.99
1977	217	936,520	11,454	0.71	23	15,978	0.61	31	16,179	0.85	32	7,252	50,863	2.20
1978	223	532,154	11,302	1.45	26	7,878	0.64	18	13,812	1.07	32	10,244	43,236	3.30
1979	216	843,785	11,046	0.70	21	12,448	0.50	24	18,421	0.99	35	10,130	52,045	2.34
1980	211	976,655	9,640	0.62	19	13,106	0.37	26	22,795	0.88	45	4,864	50,405	1.92
1981	209	1,227,502	13,153	0.93	37	7,838	0.26	22	10,245	0.37	29	4,346	35,582	1.67
1982	121	853,386	11,499	1.03	38	6,988	0.35	23	8,954	0.55	29	3,213	30,654	2.05
1983	102	592,925	6,997	1.19	30	5,923	0.46	26	8,445	0.77	37	1,721	23,086	2.51
1984	96	603,510	5,212	0.77	24	7,086	0.45	32	6,792	0.58	31	3,014	22,104	1.90
1985	94	1,114,545	12,935	0.93	32	10,022	0.50	25	10,047	0.59	25	7,008	40,012	2.11
1986	134	977,185	15,677	1.20	38	10,156	0.47	25	9,532	0.70	23	5,757	41,122	2.46
1987	138	1,013,828	4,179	0.45	11	17,261	0.70	47	11,435	0.60	31	3,926	36,801	1.88
1988	124	1,154,580	5,725	0.45	15	14,766	0.47	39	13,736	0.59	36	4,053	38,280	1.63
1989	152	867,935	1,961	0.18	7	12,684	0.42	47	9,671	0.50	35	2,942	27,258	1.19
1990	182	952,565	1,063	0.10	3	17,406	0.73	51	12,967	0.69	38	2,897	34,333	1.60
1991	220	899,305	1,278	0.19	5	12,544	0.85	54	7,420	0.60	32	2,153	23,395	1.75
1992	166	884,662	2,190	0.25	6	18,089	0.80	50	12,773	0.84	35	3,296	36,348	1.99
1993	148	674,110	974	0.12	4	13,912	0.79	53	8,704	0.64	33	2,811	26,401	1.67
1994	160	846,477	1,744	0.18	5	20,241	0.98	60	9,548	0.55	28	2,476	34,009	1.81
1995	154	1,144,011	2,455	0.21	7	18,849	0.70	54	9,596	0.46	28	3,939	34,839	1.48
1996	156	983,870	1,948	0.20	7	13,006	0.61	44	12,478	0.85	42	2,380	29,812	1.73
1997	148	717,459	1,913	0.24	6	15,891	1.04	49	11,888	0.84	37	2,791	32,483	2.22
1998	169	1,281,442	6,436	0.44	12	27,429	0.88	52	13,156	0.48	25	5,599	52,620	1.92
1999	171	1,466,848	961	0.08	3	22,387	0.55	61	8,293	0.31	23	5,167	36,808	1.03
2000	176	1,397,543	837	0.06	2	23,867	0.59	57	12,991	0.53	31	4,369	42,064	1.27
2001	177	1,352,794	2,675	0.20	6	22,172	0.62	50	13,768	0.51	31	5,949	44,564	1.44
2002	184	1,994,189	4,415	0.18	8	28,533	0.47	52	15,497	0.35	28	6,336	54,781	1.07
2003	165	1,383,112	2,465	0.17	6	17,151	0.44	44	12,134	0.45	31	7,062	38,812	1.18
2004	...	...	1,163	...	4	17,941	0.55	54	10,058	0.43	30	3,904	33,066	1.15

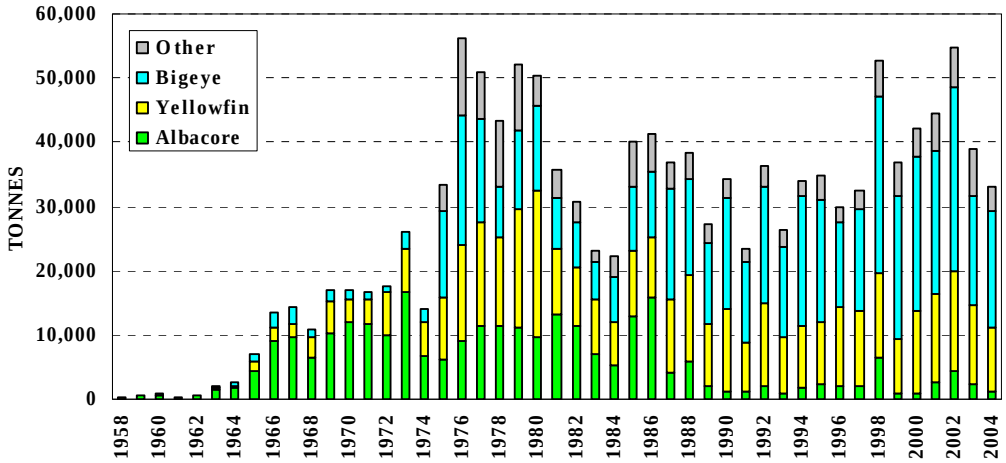

Figure 30. Catches by Korean distant-water longliners

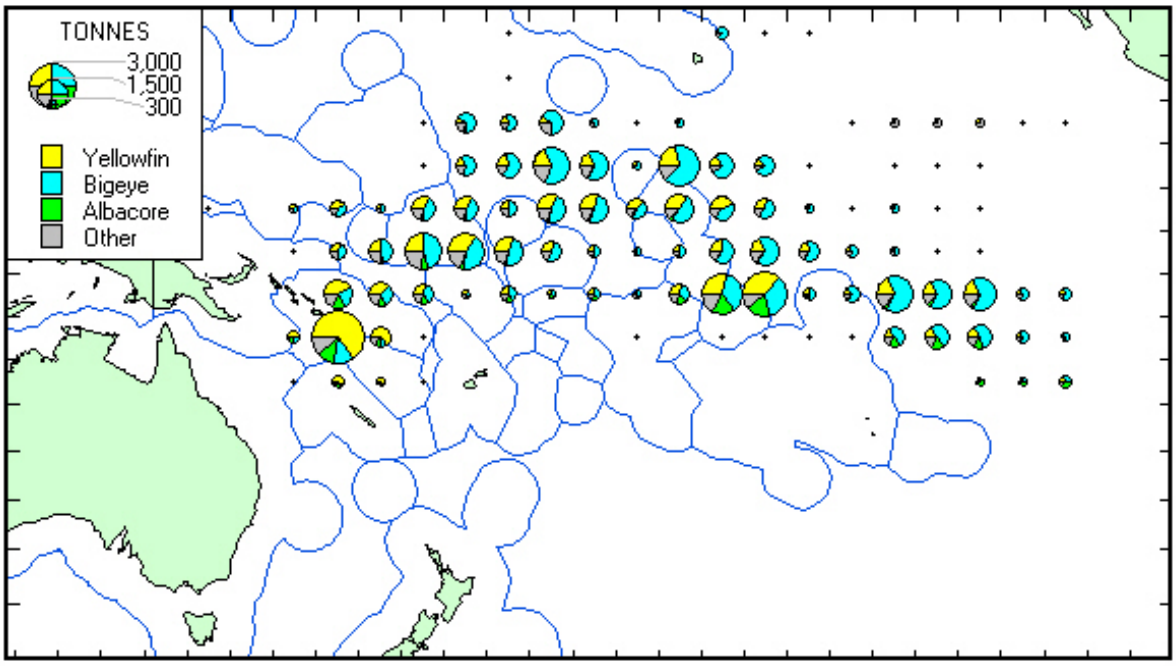

Figure 31. Korean distant-water longliner catch, 2003

LONGLINE: SAMOA

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1993	17	...	213	5.76	71	3	0.08	1	81	1.19	27	3	300	7.49
1994	25	...	641	6.20	76	14	0.08	2	73	0.39	9	116	844	6.94
1995	45	...	1,883	5.00	76	40	0.06	2	216	0.31	9	340	2,479	5.48
1996	90	...	1,775	4.00	65	27	0.03	1	573	0.70	21	355	2,730	4.74
1997	170	...	4,108	4.00	65	63	0.03	1	1,327	0.71	21	822	6,320	4.74
1998	200	...	4,742	2.61	71	334	0.08	5	801	0.35	12	801	6,678	4.26
1999	175	...	4,027	1.98	71	283	0.05	5	681	0.51	12	681	5,672	3.81
2000	154	...	4,067	1.67	69	177	0.04	3	1,120	0.51	19	530	5,894	3.45
2001	149	...	4,820	3.39	78	185	0.12	3	470	0.23	8	705	6,180	4.39
2002	68	...	4,223	2.65	83	137	0.09	3	369	0.20	7	363	5,092	3.55
2003	24	...	2,253	1.86	79	110	0.10	4	293	0.24	10	190	2,846	2.69
2004	17	...	1,232	1.38	64	104	0.14	5	444	0.50	23	155	1,935	2.46

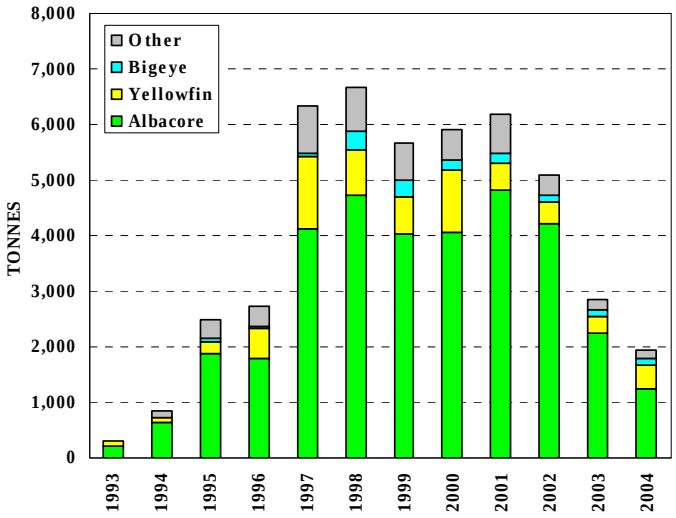

Figure 32. Catches by Samoan longliners

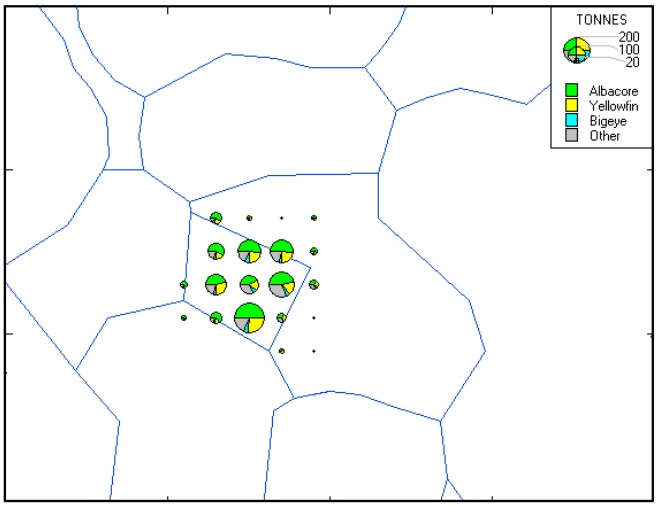

Figure 33. Samoan longliner catch, 2004

LONGLINE: SOLOMON ISLANDS

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1973	2	...	4	...	3	16	...	12	91	...	69	21	132	...
1974	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1975	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1976	2	...	6	...	3	25	...	12	146	...	69	35	212	...
1977	2	...	9	...	3	34	...	12	198	...	69	46	287	...
1978	2	...	9	...	3	36	...	12	207	...	69	48	300	...
1979	2	...	21	...	3	86	...	12	493	...	69	115	715	...
1980	2	...	25	...	3	98	...	12	564	...	69	131	818	...
1981	2	...	2	...	1	25	...	12	146	...	70	36	209	...
1982	2	...	8	...	2	24	...	6	306	...	76	65	403	...
1983	2	...	19	...	3	34	...	6	443	...	80	55	551	...
1984	2	...	19	...	5	57	...	16	213	...	58	76	365	...
1985	2	...	12	...	5	46	...	19	151	...	62	33	242	...
1986	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1988	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	9	...	24	0.10	5	300	0.62	57	199	0.46	38	7	530	1.19
1996	13	...	100	0.23	9	403	0.62	37	533	0.84	49	46	1,082	1.73
1997	18	...	109	0.20	6	722	0.57	40	886	0.77	49	75	1,792	2.08
1998	21	...	370	0.42	20	726	0.43	39	657	0.40	35	112	1,865	1.28
1999	16	...	136	0.04	11	469	0.30	39	533	0.40	44	74	1,212	0.76
2000	14	...	224	0.63	19	364	0.46	30	557	0.78	47	52	1,197	2.03
2001	8	...	54	0.26	13	187	0.57	46	159	0.47	39	9	409	1.35
2002	8	...	127	0.39	13	393	0.66	41	412	0.62	43	17	949	1.85
2003	12	...	122	...	8	967	...	66	362	...	25	23	1,474	...
2004	9	...	267	...	23	357	...	30	538	...	46	12	1,174	...

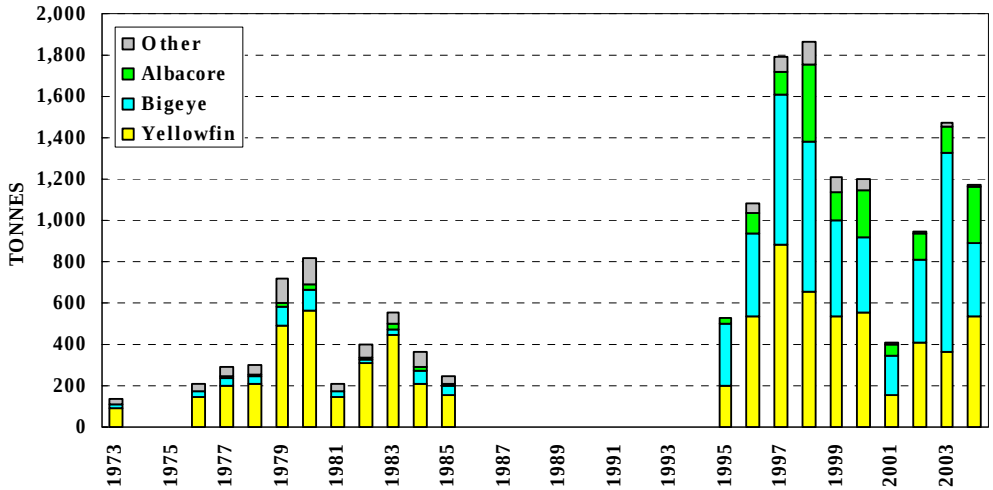

Figure 34. Catches by Solomon Islands longliners

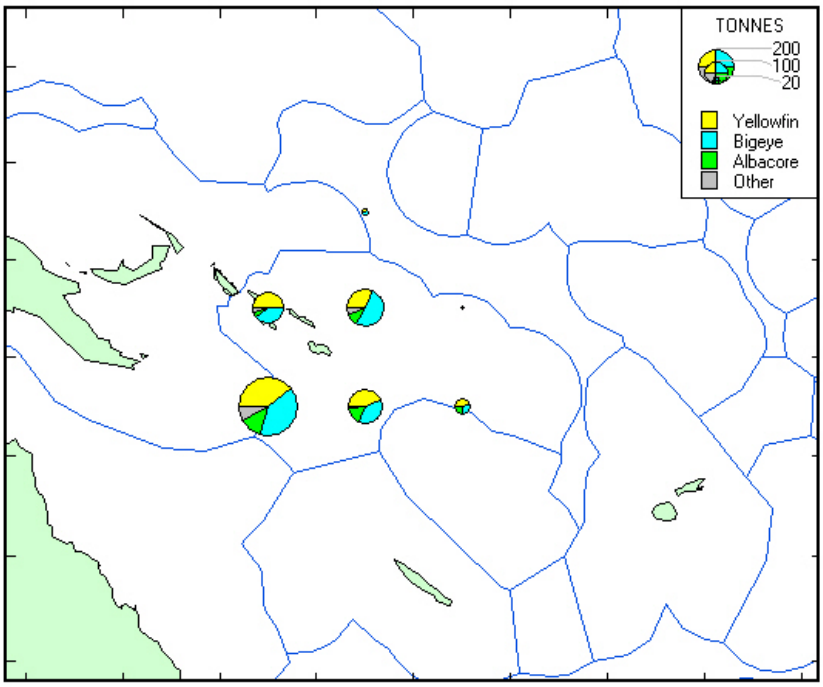

Figure 35. Solomon Islands longliner catch, 2002

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

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1987	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1988	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1989	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1990	...	...	...	...	...	3,080	...	45	3,473	...	51	254	6,807	...
1991	...	...	...	...	...	1,579	...	32	3,353	...	67	41	4,973	...
1992	...	...	...	...	...	3,185	...	48	3,332	...	51	64	6,581	...
1993	254	...	1	0.00	0	3,037	0.46	47	2,799	0.43	43	600	6,437	1.09
1994	355	...	1	0.00	0	4,856	0.52	40	6,768	0.48	55	630	12,255	1.14
1995	366	...	2	0.00	0	3,297	0.32	24	8,865	0.43	65	1,403	13,567	1.04
1996	420	...	12	0.00	0	2,384	0.34	19	9,189	0.82	73	959	12,544	1.38
1997	361	...	...	...	...	5,862	0.40	45	7,032	0.55	55	...	12,894	1.26
1998	281	...	...	...	...	5,035	0.33	50	4,948	0.44	50	...	9,983	0.98
1999	281	...	...	...	...	5,467	0.28	45	6,578	0.33	55	...	12,045	0.80
2000	284	...	...	...	...	4,441	0.27	39	7,042	0.41	61	...	11,483	0.88
2001	...	...	...	...	...	6,001	0.22	46	7,106	0.35	54	...	13,107	0.73
2002	...	...	...	...	...	5,754	0.17	42	7,895	0.28	58	...	13,649	0.64
2003	...	...	...	...	...	3,506	0.20	42	4,814	0.32	58	...	8,320	0.80
2004	...	...	...	...	...	2,228	0.16	34	4,245	0.55	66	...	6,473	0.93

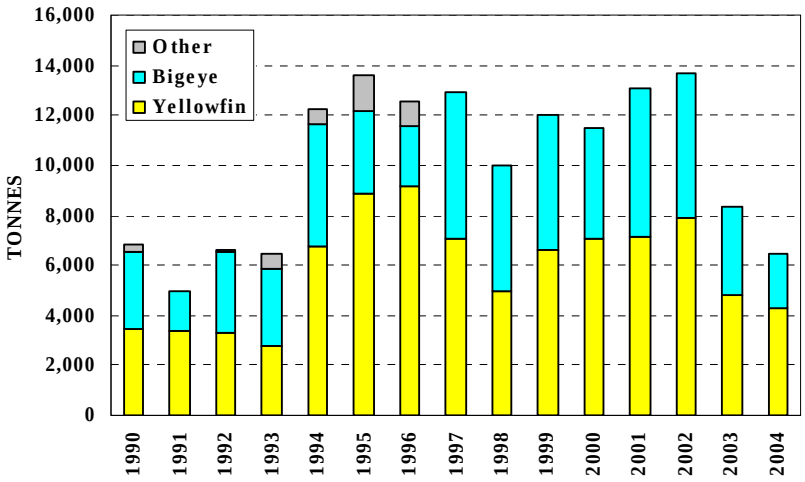

Figure 36. Catches by Chinese Taipei offshore longliners, east of 130°E

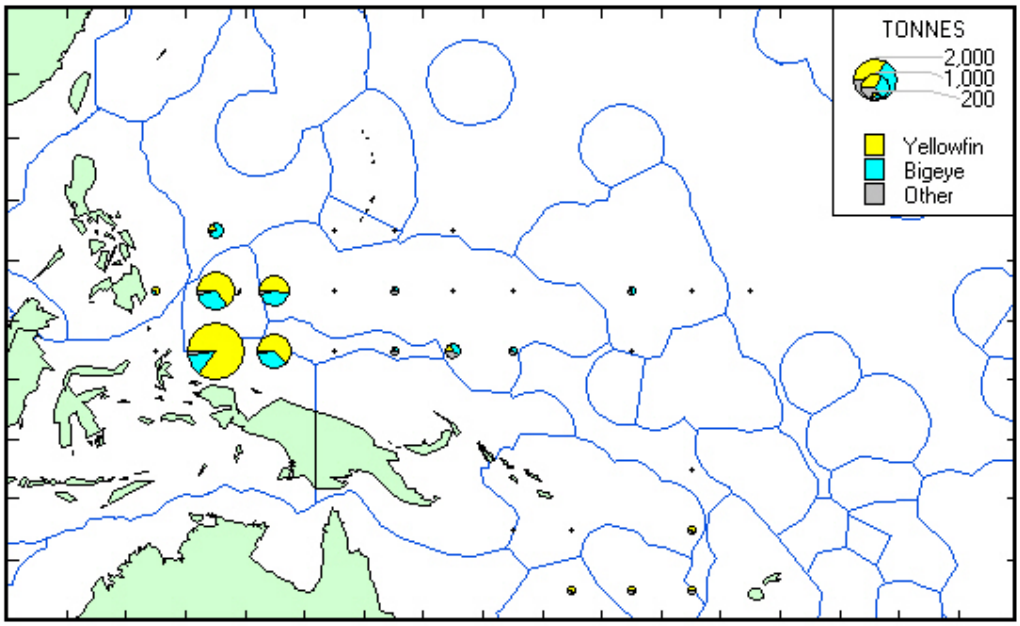

Figure 37. Chinese Taipei offshore longliner catch, east of 130°E, 2004

LONGLINE: CHINESE TAIPEI, DISTANT-WATER VESSELS

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

YEAR	VESSELS ACTIVE	HOOKS	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1964	12	...	523	...	68	76	...	10	139	...	18	32	770	...
1965	23	...	1,257	...	51	451	...	18	629	...	26	105	2,442	...
1966	76	...	6,184	...	65	905	...	9	1,848	...	19	628	9,565	...
1967	...	137,513	14,428	4.32	67	2,925	0.38	14	2,867	0.53	13	1,209	21,429	5.37
1968	...	169,451	15,053	3.93	52	3,560	0.30	12	8,261	0.91	29	1,876	28,750	5.36
1969	...	146,521	9,826	3.69	43	2,327	0.21	10	9,562	1.26	42	1,123	22,838	5.52
1970	...	192,515	15,426	4.23	59	2,704	0.36	10	6,095	0.68	23	2,005	26,230	5.54
1971	...	277,497	17,701	3.36	50	3,142	0.21	9	12,639	1.28	36	1,646	35,128	4.95
1972	...	282,633	20,125	3.31	48	5,215	0.27	12	14,177	1.00	34	2,285	41,802	4.66
1973	...	311,481	25,218	3.13	62	5,000	0.21	12	7,846	0.73	19	2,575	40,639	4.14
1974	...	424,323	17,786	2.48	63	3,074	0.18	11	5,708	0.44	20	1,795	28,363	3.15
1975	92	370,861	13,843	2.79	51	4,015	0.12	15	7,271	0.32	27	1,765	26,894	3.28
1976	194	274,247	18,691	2.94	65	3,155	0.15	11	4,913	0.37	17	1,793	28,552	3.57
1977	176	391,596	21,846	3.55	66	3,421	0.10	10	6,025	0.25	18	1,955	33,247	3.99
1978	168	373,653	17,833	3.83	77	1,731	0.11	7	2,462	0.43	11	1,127	23,153	4.63
1979	157	341,919	11,231	2.75	66	1,300	0.15	8	3,262	0.49	19	1,147	16,940	3.71
1980	182	423,430	17,481	2.90	63	3,332	0.13	12	5,828	0.39	21	1,102	27,743	3.58
1981	140	396,431	13,627	2.32	77	1,236	0.10	7	1,966	0.21	11	904	17,733	2.75
1982	115	298,841	11,603	2.64	82	890	0.06	6	975	0.13	7	604	14,072	2.99
1983	65	250,520	11,636	3.27	85	686	0.05	5	839	0.13	6	453	13,614	3.56
1984	61	318,583	10,684	2.31	78	882	0.06	6	1,416	0.12	10	717	13,699	2.55
1985	44	208,154	8,682	2.96	80	598	0.06	6	1,185	0.21	11	402	10,867	3.26
1986	51	174,946	10,131	4.34	84	458	0.04	4	1,144	0.15	9	342	12,075	4.56
1987	60	235,364	11,827	3.42	89	259	0.03	2	917	0.14	7	312	13,315	3.61
1988	70	347,030	15,925	3.01	81	246	0.02	1	3,008	0.20	15	544	19,723	3.27
1989	85	380,502	9,200	1.81	84	205	0.03	2	848	0.10	8	735	10,988	1.97
1990	52	416,815	10,002	1.52	69	1,656	0.06	11	1,910	0.15	13	886	14,454	1.76
1991	74	615,043	13,975	1.87	73	1,878	0.05	10	2,241	0.08	12	1,025	19,119	2.05
1992	88	626,728	19,997	2.65	84	1,886	0.02	8	1,314	0.03	6	641	23,838	2.79
1993	72	466,643	16,989	2.88	84	652	0.03	3	1,536	0.05	8	1,050	20,227	3.08
1994	67	515,379	18,799	2.77	83	799	0.06	4	1,977	0.14	9	1,191	22,766	3.36
1995	62	535,720	18,683	2.61	85	607	0.03	3	1,725	0.16	8	999	22,014	3.03
1996	56	338,536	16,590	3.62	90	282	0.03	2	1,038	0.15	6	596	18,506	3.89
1997	53	356,570	16,478	3.43	89	554	0.03	3	855	0.11	5	592	18,479	3.67
1998	64	411,921	17,050	2.59	80	1,505	0.06	7	1,049	0.07	5	1,625	21,229	2.82
1999	65	506,745	14,589	2.11	81	1,443	0.06	8	995	0.05	6	980	18,007	2.28
2000	78	662,038	14,414	1.78	81	1,160	0.13	6	1,639	0.17	9	690	17,903	2.29
2001	101	723,565	14,052	1.13	66	3,142	0.09	15	2,479	0.14	12	1,538	21,211	1.74
2002	133	735,935	16,929	1.23	52	8,741	0.21	27	4,953	0.20	15	2,042	32,665	1.87
2003	142	850,634	14,995	0.80	50	7,540	0.37	25	4,981	0.25	17	2,526	30,042	1.61
2004	137	...	11,819	...	28	16,888	...	40	9,018	...	21	4,980	42,705	...

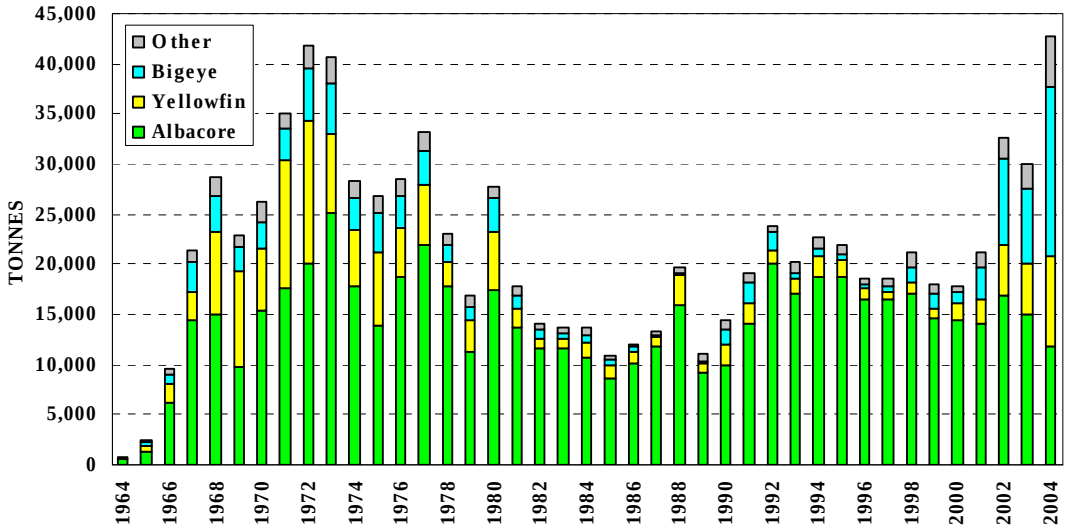

Figure 38. Catches by Chinese Taipei distant-water longliners

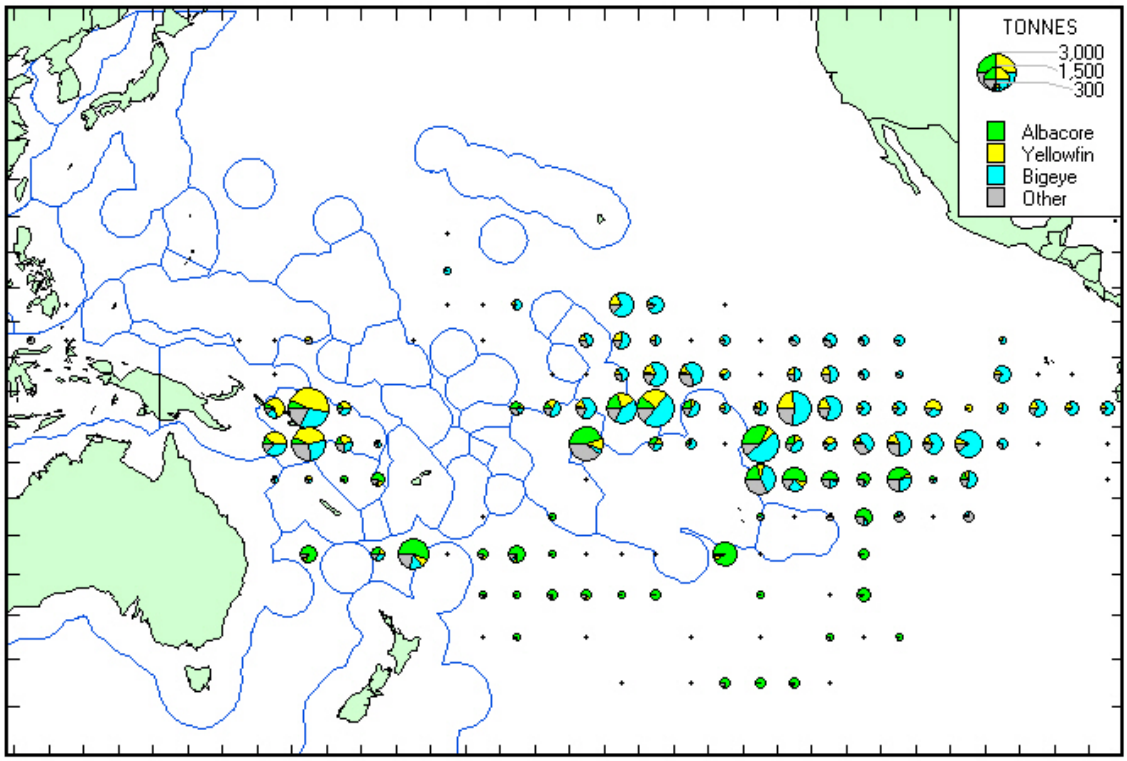

Figure 39. Chinese Taipei distant-water longliner catch, 2003

LONGLINE: TONGA

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1982	1	...	106	0.84	42	18	0.09	7	81	0.43	32	47	252	1.70
1983	1	...	143	1.39	60	17	0.10	7	48	0.31	20	30	238	2.14
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	8.22
1986	1	...	206	3.76	68	12	0.12	4	33	0.34	11	52	303	6.01
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	3.95
1989	1	...	195	2.10	65	12	0.09	4	27	0.26	9	66	300	3.57
1990	1	164	152	2.06	66	11	0.10	5	27	0.27	12	39	229	3.89
1991	1	153	171	2.66	75	5	0.06	2	19	0.23	8	34	229	5.04
1992	1	195	199	2.46	78	5	0.04	2	19	0.18	7	33	256	4.07
1993	6	...	231	1.92	57	34	0.05	8	64	0.37	16	75	404	6.06
1994	5	...	343	2.54	74	19	0.06	4	46	0.22	10	57	465	3.16
1995	7	...	379	1.41	70	23	0.49	4	59	1.28	11	82	543	3.95
1996	7	...	431	...	62	60	...	9	88	...	13	121	700	...
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	1.58	64	191	0.18	10	259	0.28	13	270	1,988	2.43
2002	35	...	1,189	1.10	61	215	0.13	11	263	0.19	14	273	1,940	1.71
2003	29	...	611	0.70	47	94	0.07	7	263	0.25	20	327	1,295	1.60
2004	22		182	0.52	35	40	0.08	8	163	0.50	31	137	522	1.71

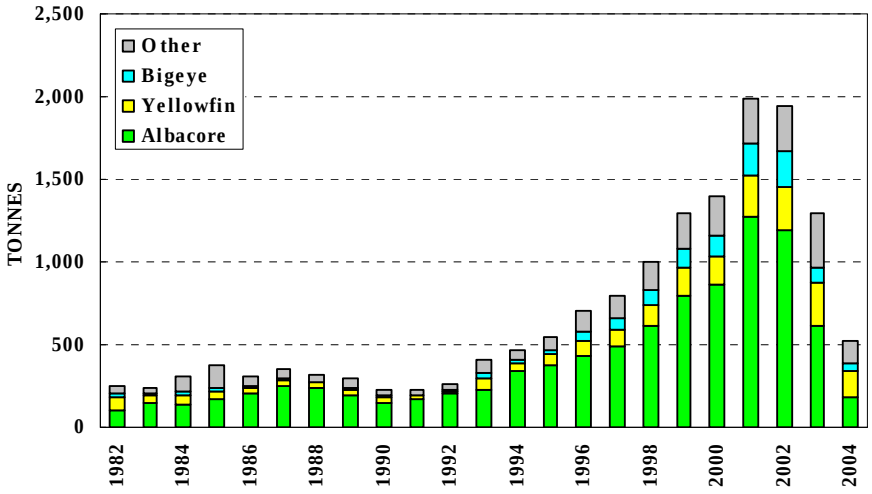

Figure 40. Catches by Tongan longliners

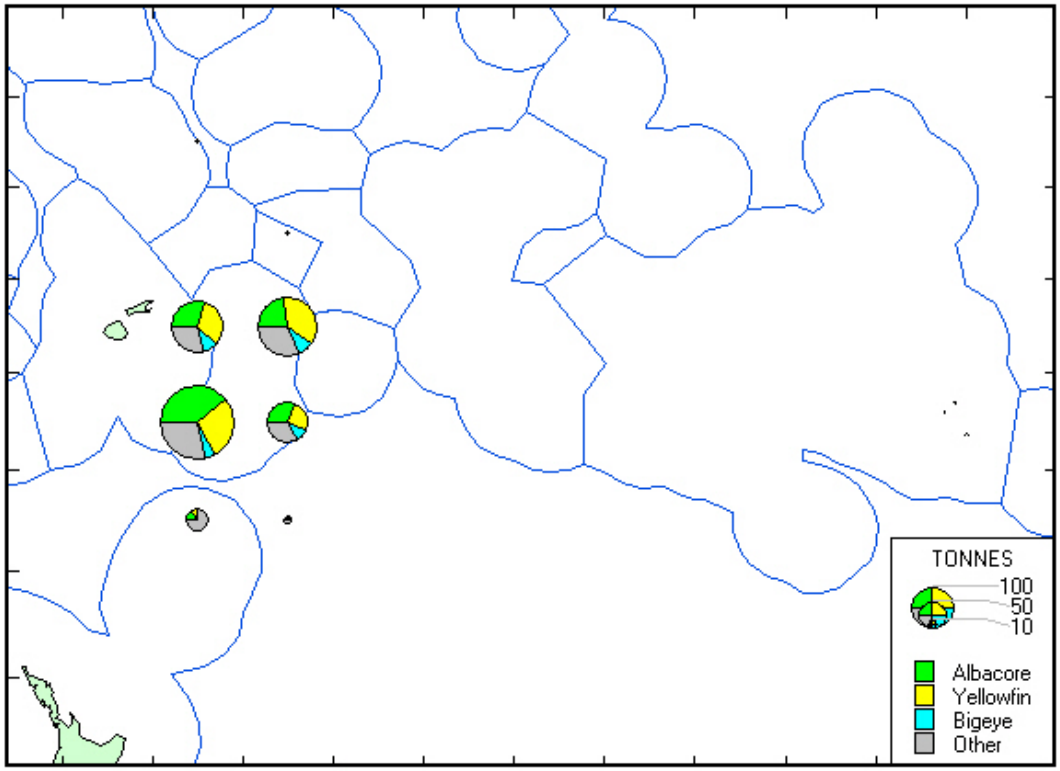

Figure 41. Tongan longliner catch, 2004

LONGLINE: UNITED STATES OF AMERICA

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

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

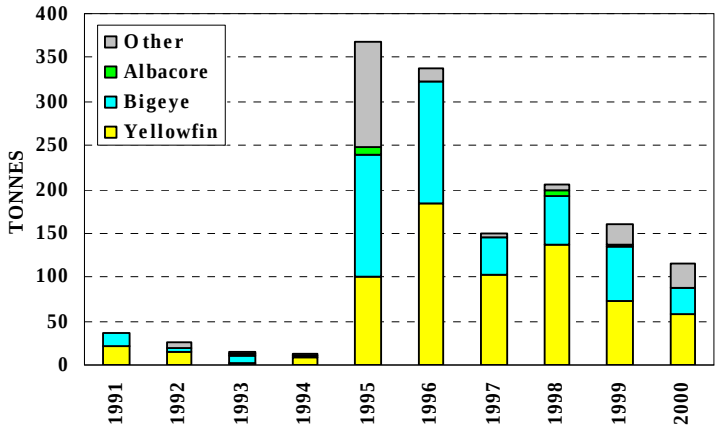

Figure 42. Catches by United States longliners, excluding vessels based in American Samoa and Hawaii/California

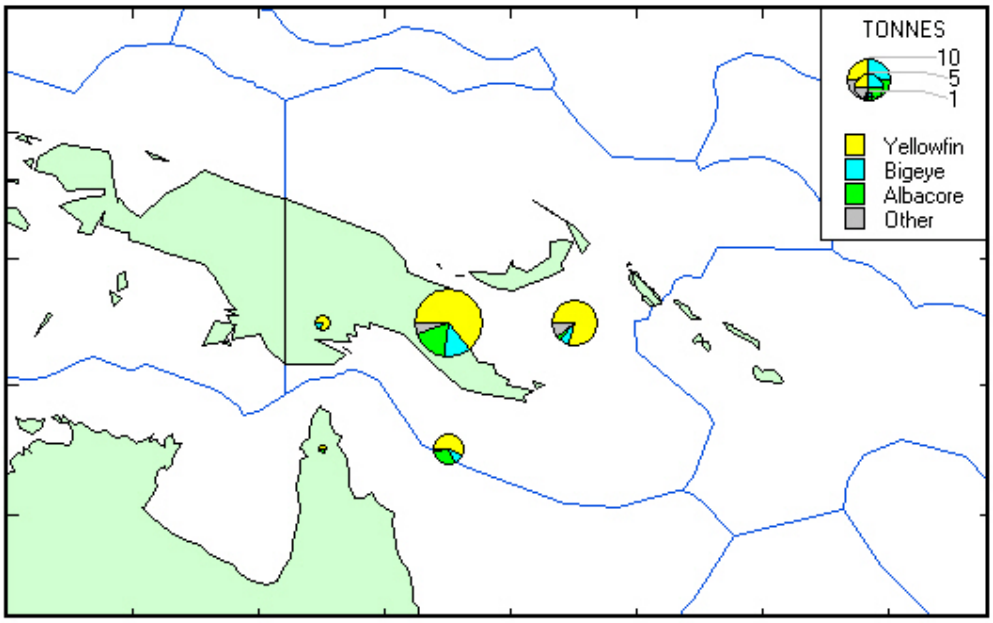

Figure 43. United States longliner catch, excluding vessels based in American Samoa and Hawaii/California, 1998

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1950	76	...	27	...	3	781	...	73	269	...	25	...	1,077	...
1951	67	...	24	...	2	913	...	74	296	...	24	...	1,233	...
1952	56	...	46	...	3	1,013	...	73	322	...	23	...	1,381	...
1953	58	...	23	...	2	1,242	...	84	213	...	14	...	1,478	...
1954	54	...	13	...	1	1,248	...	86	191	...	13	...	1,452	...
1955	52	...	9	...	1	997	...	83	201	...	17	...	1,207	...
1956	51	...	6	...	1	1,046	...	91	96	...	8	...	1,148	...
1957	49	...	4	...	0	738	...	88	101	...	12	...	843	...
1958	44	...	7	...	1	719	...	85	115	...	14	...	841	...
1959	41	...	5	...	1	596	...	77	175	...	23	...	776	...
1960	38	...	4	...	1	567	...	80	137	...	19	...	708	...
1961	36	...	5	...	1	469	...	75	152	...	24	...	626	...
1962	35	...	7	...	1	548	...	82	110	...	17	...	665	...
1963	32	...	7	...	1	424	...	77	118	...	21	...	549	...
1964	31	...	4	...	1	379	...	73	133	...	26	...	516	...
1965	30	...	3	...	1	345	...	69	153	...	31	...	501	...
1966	28	...	8	...	2	346	...	67	159	...	31	...	513	...
1967	26	...	12	...	3	293	...	66	141	...	32	...	446	...
1968	22	...	11	...	3	256	...	70	99	...	27	...	366	...
1969	23	...	14	...	3	319	...	73	106	...	24	...	439	...
1970	24	...	9	...	2	215	...	45	251	...	53	...	475	...
1971	23	...	11	...	3	213	...	51	191	...	46	...	415	...
1972	23	...	8	...	2	226	...	57	160	...	41	...	394	...
1973	18	...	14	...	5	181	...	62	98	...	33	...	293	...
1974	17	...	9	...	3	185	...	57	130	...	40	...	324	...
1975	16	...	33	...	12	150	...	53	102	...	36	...	285	...
1976	16	...	23	...	7	194	...	59	111	...	34	...	328	...
1977	17	...	37	...	8	225	...	51	176	...	40	...	438	...
1978	19	...	54	...	13	189	...	46	172	...	41	...	415	...
1979	17	...	0	...	0	137	...	49	145	...	51	...	282	...
1980	22	...	0	...	0	17	...	3	536	...	97	...	553	...
1981	25	...	25	...	3	76	...	10	673	...	87	...	774	...
1982	27	...	94	...	8	373	...	32	708	...	60	...	1,175	...
1983	32	...	6	...	1	466	...	56	361	...	43	...	833	...
1984	34	...	2	...	0	536	...	62	330	...	38	...	868	...
1985	36	...	0	...	0	606	...	67	300	...	33	...	906	...
1986	39	...	0	...	0	676	...	72	269	...	28	...	945	...
1987	37	...	136	...	11	816	...	67	261	...	22	...	1,213	...
1988	50	...	318	...	15	1,233	...	57	595	...	28	...	2,146	...
1989	88	...	272	...	10	1,445	...	53	988	...	37	...	2,705	...
1990	138	...	182	...	6	1,520	...	54	1,103	...	39	...	2,805	...
1991	76	...	313	0.11	3	1,556	0.33	16	735	0.11	8	6,993	9,597	2.41
1992	123	...	332	0.17	3	1,490	0.36	16	347	0.07	4	7,321	9,490	2.84
1993	122	...	440	0.24	4	2,116	0.42	18	630	0.12	5	8,605	11,791	3.16
1994	125	...	546	0.26	7	1,791	0.41	22	607	0.12	7	5,211	8,155	2.72
1995	110	...	879	0.30	9	2,055	0.43	21	972	0.17	10	5,657	9,563	2.82
1996	103	...	1,187	0.38	14	1,796	0.45	21	631	0.13	7	5,121	8,735	2.47
1997	113	...	1,644	0.46	13	2,518	0.52	19	1,142	0.19	9	7,729	13,033	2.76
1998	117	...	1,116	0.28	8	3,270	0.58	24	723	0.13	5	8,374	13,483	2.34
1999	130	...	1,540	0.35	11	2,820	0.43	20	477	0.09	3	9,595	14,432	2.19

Table 24 (continued)

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
2000	129	...	941	0.19	7	2,706	0.38	21	1,137	0.20	9	8,066	12,850	1.94
2001	125	...	1,293	0.24	15	2,418	0.36	27	1,016	0.16	11	4,185	8,912	1.70
2002	123	...	525	0.08	6	4,396	0.52	48	572	0.07	6	3,627	9,120	1.49
2003	129	...	524	0.07	5	3,618	0.36	37	809	0.10	8	4,730	9,681	1.56
2004	125	...	356	...	4	4,181	...	46	694	...	8	3,795	9,026	...

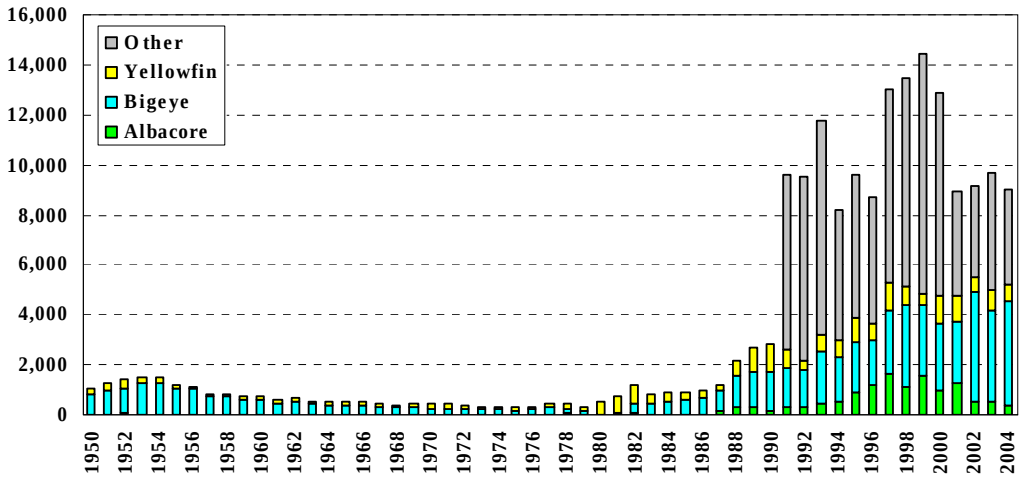

Figure 44. Catches by United States longliners based in Hawaii and California

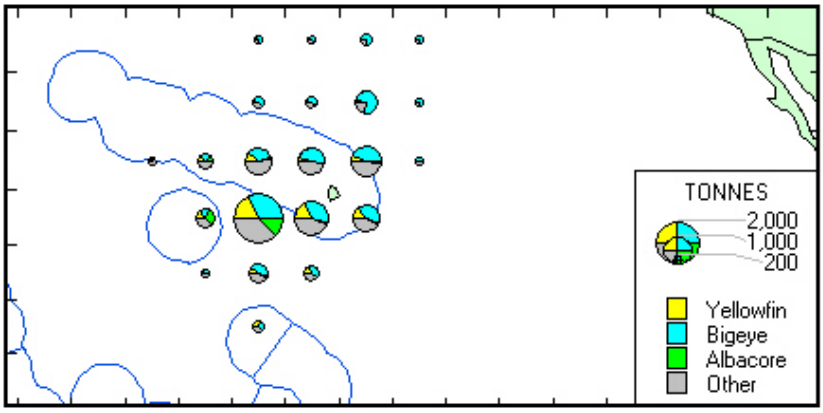

Figure 45. United States longliner catch by vessels based in Hawaii and California, 2003

LONGLINE: VANUATU

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

YEAR	VESSELS ACTIVE	DAYS FISHED	ALBACORE			BIGEYE			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1995	2	125	109	1.81	51	20	0.25	9	47	0.73	22	37	213	3.06
1996	3	388	192	1.32	31	67	0.29	11	276	1.32	45	84	619	3.06
1997	1	225	95	0.98	18	103	0.55	19	265	1.81	49	75	538	3.54
1998	1	47	10	0.52	10	53	1.52	50	25	0.84	24	17	105	3.14
1999	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2001	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2002	26	...	4,279	2.37	87	123	0.07	3	239	0.15	5	263	4,904	2.79
2003	33	...	4,725	1.65	82	293	0.17	5	359	0.22	6	411	5,788	2.39
2004	31		820	1.70	50	184	0.14	11	470	0.39	28	181	1,655	2.52

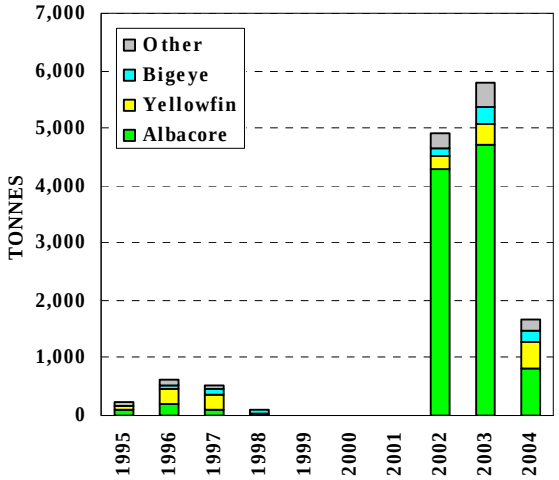

Figure 46. Catches by Vanuatu longliners

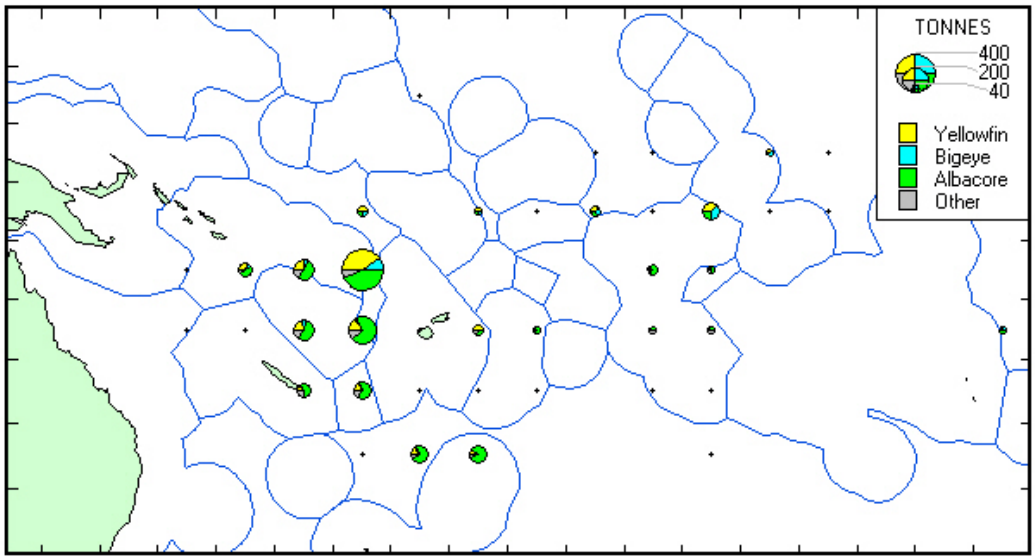

Figure 47. Vanuatu longliner catch, 2004

POLE-AND-LINE: AUSTRALIA

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

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	...	88	43	...	8	22	550	...
1998	7	502	266	0.53	100	0	0.00	0	1	267	0.53
1999	4	...	219	...	100	0	...	0	...	219	...
2000	4	...	27	...	90	3	...	10	...	30	...
2001	2	...	0	...	0	0	...	0	21	21	...
2002	2	...	39	...	100	0	...	0	0	39	...
2003	0	-	-	-	-	-	-	-	-	-	-
2004	1	...	11	...	100	0	...	0	0	11	...

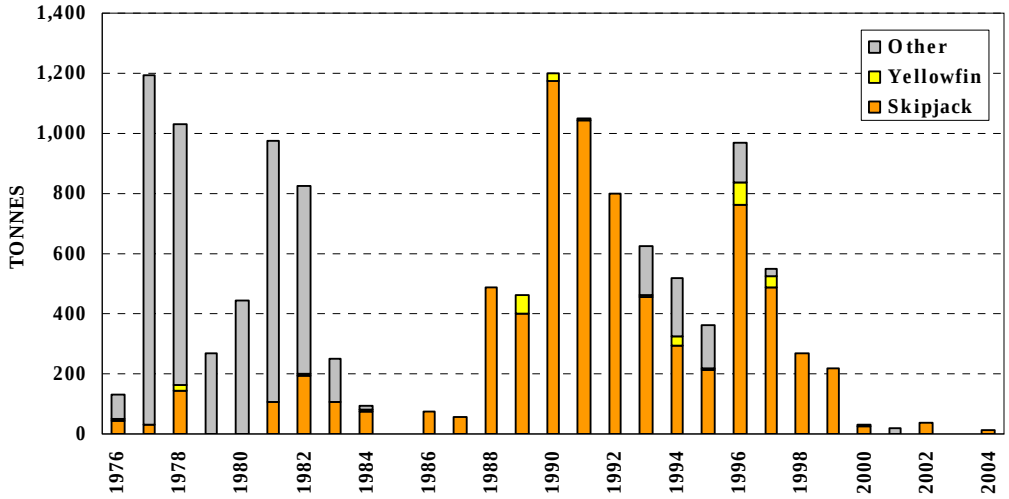

Figure 48. Catches by Australian pole-and-line vessels

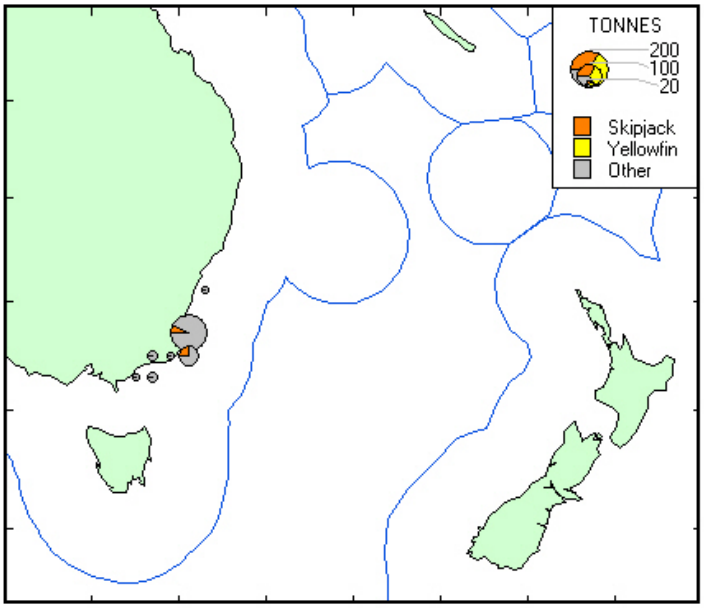

Figure 49. Australian pole-and-line catch, 1999

POLE-AND-LINE: FIJI ISLANDS

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	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	...
2002	2	...	...	...	...	...	...	...	...	...	...
2003	1	...	...	...	...	...	...	...	...	...	...
2004	1	...	...	...	...	...	...	...	...	...	...

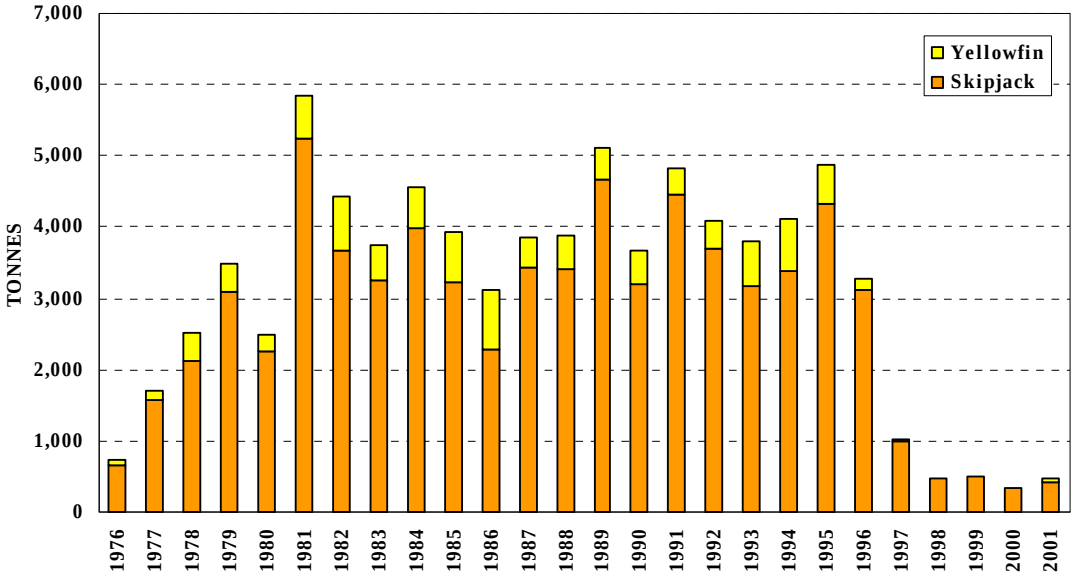

Figure 50. Catches by Fiji Islands pole-and-line vessels

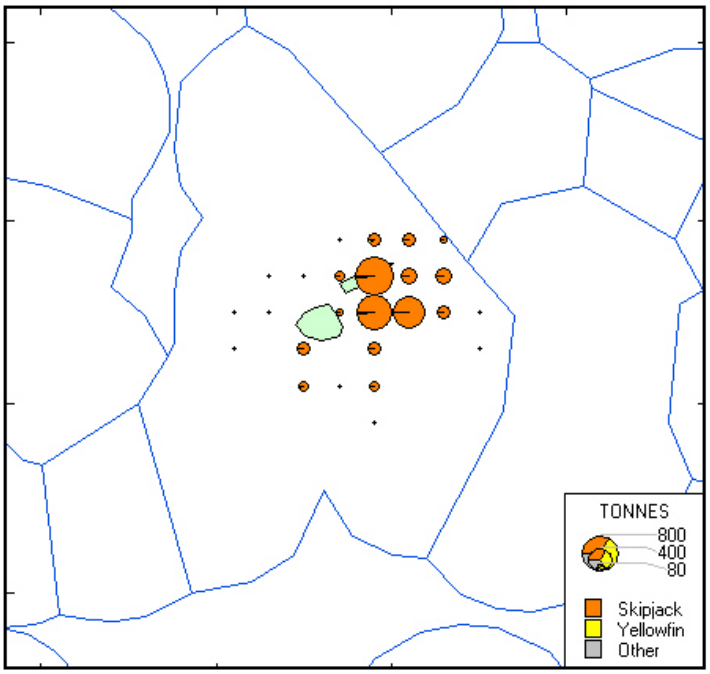

Figure 51. Fiji Islands pole-and-line catch, 1996

POLE-AND-LINE: FRENCH POLYNESIA

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1975	...	...	...	84	...	...	10	...	...	...	...
1976	...	...	...	84	...	...	6	...	...	...	...
1977	...	...	...	75	...	...	17	...	...	...	...
1978	...	...	...	121	...	...	13	...	...	...	...
1979	...	9,832	535	54	70	161	16	21	73	769	78
1980	46	9,964	683	69	69	253	25	26	56	992	100
1981	51	9,528	529	56	51	472	50	46	34	1,035	109
1982	46	8,764	666	76	62	368	42	34	33	1,067	122
1983	46	7,820	598	76	66	238	30	26	67	903	115
1984	51	9,737	824	85	63	426	44	33	50	1,300	134
1985	49	9,253	593	64	66	243	26	27	67	903	98
1986	51	9,513	729	77	74	232	24	24	20	981	103
1987	64	8,791	729	83	80	149	17	16	29	907	103
1988	53	7,578	441	58	59	274	36	37	33	748	99
1989	56	7,980	567	71	72	187	23	24	33	787	99
1990	118	...	1,423	91	85	138	7	8	106	1,667	105
1991	106	...	1,254	94	78	251	16	16	99	1,604	116
1992	100	...	1,122	92	77	248	17	17	90	1,460	116
1993	70	...	665	79	68	236	28	24	78	979	119
1994	70	...	1,004	124	82	161	18	13	64	1,229	149
1995	77	9,500	1,250	132	78	306	32	19	55	1,611	170
1996	75	6,900	945	137	84	126	18	11	55	1,126	163
1997	70	6,811	698	102	75	142	21	15	94	934	137
1998	72	6,567	784	119	79	118	18	12	90	992	151
1999	74	5,440	526	97	64	160	29	19	140	826	152
2000	63	5,560	440	79	70	110	20	17	83	633	114
2001	60	5,226	688	132	77	84	16	9	119	891	170
2002	55	5,495	513	93	72	99	18	14	99	711	129
2003	54	4,407	511	116	79	69	16	11	66	646	147
2004	52	...	...	...	...	...	...	...	...	...	112

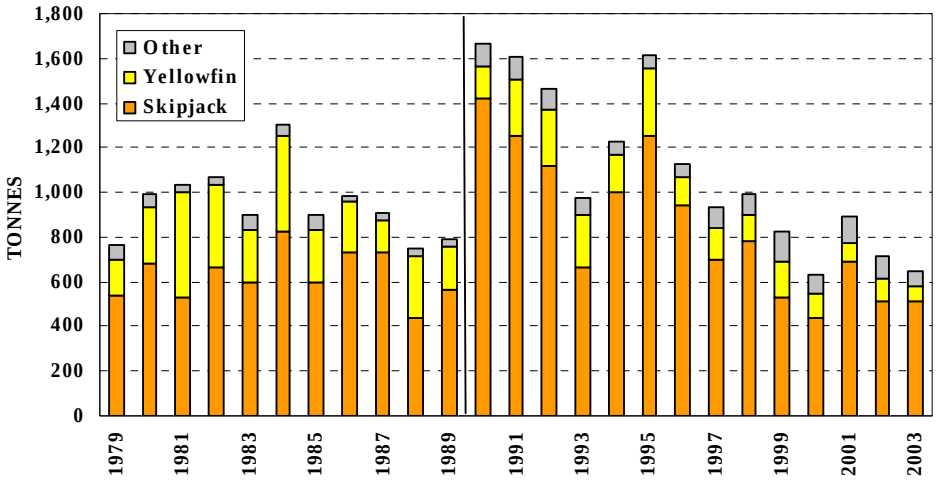

Figure 52. Catches by French Polynesian pole-and-line vessels (*bonitiers*)
Statistics for 1979–1989 cover only vessels based in Papeete;
statistics for 1990–2000 cover all vessels.

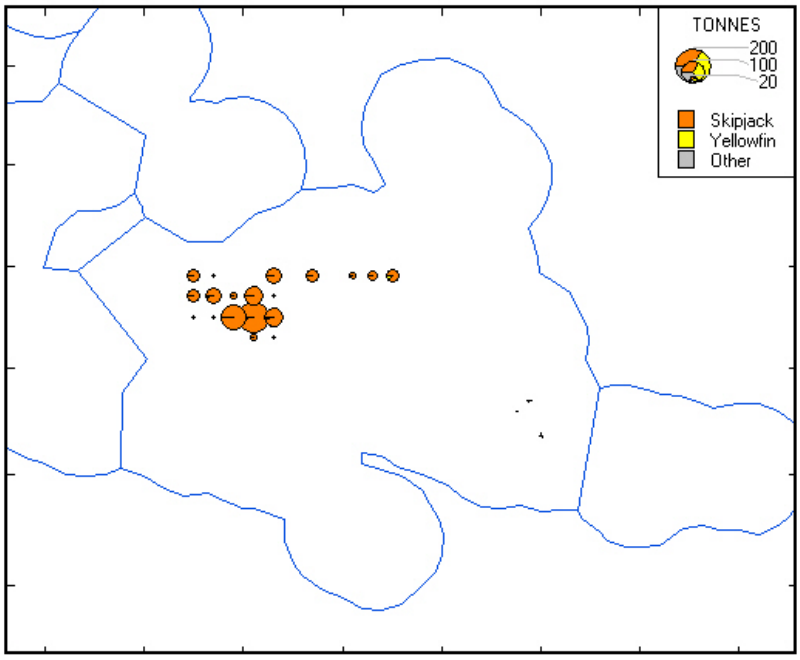

Figure 53. French Polynesian pole-and-line (*bonitiers*) catch, 2002

POLE-AND-LINE: JAPAN

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1950	...	...	...	...	...	...	...	...	...	...	...
1951	...	...	...	...	...	...	...	...	...	...	...
1952	...	...	...	...	...	...	...	...	...	...	...
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	...	...	2,452	...	...	...	...	...
1970	512	...	181,201	...	...	2,465	...	...	...	...	...
1971	510	...	152,339	...	...	2,393	...	...	...	...	...
1972	554	46,665	140,976	3.02	71	5,544	0.12	3	53,006	199,526	4.28
1973	582	55,746	209,388	3.76	75	6,058	0.11	2	64,635	280,081	5.02
1974	716	55,740	219,455	3.94	74	4,407	0.08	1	72,525	296,387	5.32
1975	696	58,920	181,093	3.07	76	5,420	0.09	2	51,096	237,609	4.03
1976	653	65,090	221,016	3.40	70	7,351	0.11	2	85,426	313,793	4.82
1977	662	75,988	245,406	3.23	83	9,906	0.13	3	40,119	295,431	3.89
1978	645	66,793	238,267	3.57	77	7,633	0.11	2	61,817	307,717	4.61
1979	625	66,418	214,276	3.23	79	6,011	0.09	2	49,630	269,917	4.06
1980	572	64,432	237,534	3.69	81	6,227	0.10	2	48,138	291,899	4.53
1981	548	64,430	200,824	3.12	83	9,055	0.14	4	31,596	241,475	3.75
1982	475	60,853	200,165	3.29	81	9,499	0.16	4	36,578	246,242	4.05
1983	434	51,019	224,530	4.40	86	9,338	0.18	4	27,024	260,892	5.11
1984	396	50,426	284,495	5.64	88	8,702	0.17	3	31,340	324,537	6.44
1985	356	43,619	159,175	3.65	79	12,925	0.30	6	28,367	200,467	4.60
1986	330	41,187	233,724	5.67	90	8,410	0.20	3	18,469	260,603	6.33
1987	314	39,391	177,517	4.51	84	8,454	0.21	4	24,840	210,811	5.35
1988	277	33,088	201,004	6.07	90	8,129	0.25	4	13,171	222,304	6.72
1989	269	34,564	184,137	5.33	88	9,146	0.26	4	16,975	210,258	6.08

Table 29 (continued)

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1990	255	34,303	122,392	3.57	81	6,970	0.20	5	21,096	150,458	4.39
1991	242	23,542	151,338	6.43	91	5,404	0.23	3	9,970	166,712	7.08
1992	216	24,264	118,649	4.89	82	6,904	0.28	5	19,300	144,853	5.97
1993	203	24,375	162,404	6.66	89	4,529	0.19	2	15,351	182,284	7.48
1994	185	21,697	108,944	5.02	75	4,034	0.19	3	32,997	145,975	6.73
1995	173	22,140	131,935	5.96	81	4,514	0.20	3	27,081	163,530	7.39
1996	164	20,944	98,601	4.71	76	4,896	0.23	4	25,505	129,002	6.16
1997	162	22,411	122,499	5.47	74	3,727	0.17	2	38,313	164,539	7.34
1998	161	22,350	124,191	5.56	79	3,062	0.14	2	30,900	158,153	7.08
1999	163	22,905	122,290	5.34	67	3,646	0.16	2	56,726	182,662	7.97
2000	160	23,593	138,860	5.89	84	3,475	0.15	2	23,677	166,012	7.04
2001	155	22,050	96,144	4.36	74	2,616	0.12	2	31,737	130,497	5.92
2002	150	20,960	90,466	4.32	63	2,501	0.12	2	51,671	144,638	6.90
2003	...	20,664	115,257	...	75	2,089	...	1	35,402	152,748	...
2004	...	...	...	...	...	...	...	...	...	...	...

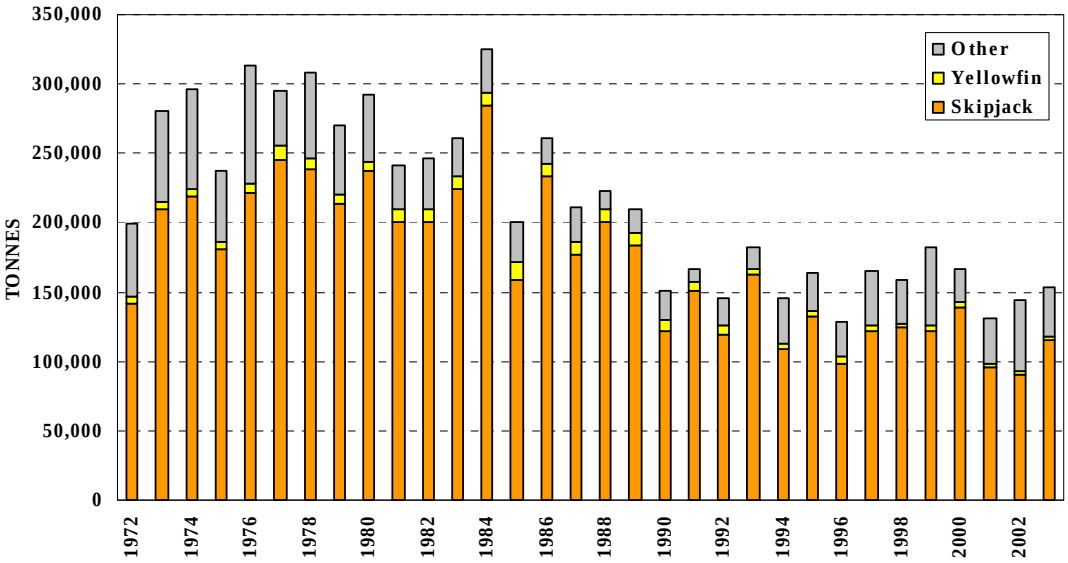

Figure 54. Catches by Japanese pole-and-line vessels, over 20 GRT

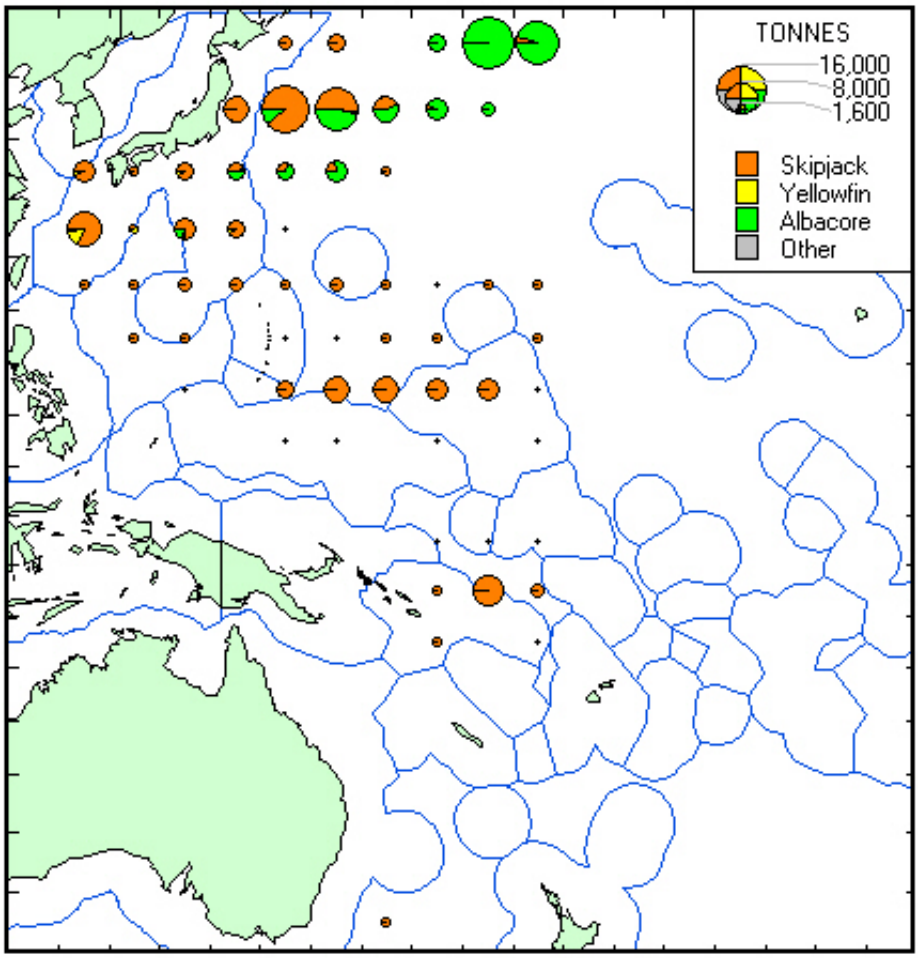

Figure 55. Japanese pole-and-line catch, 2002

POLE-AND-LINE: KIRIBATI

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	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	...

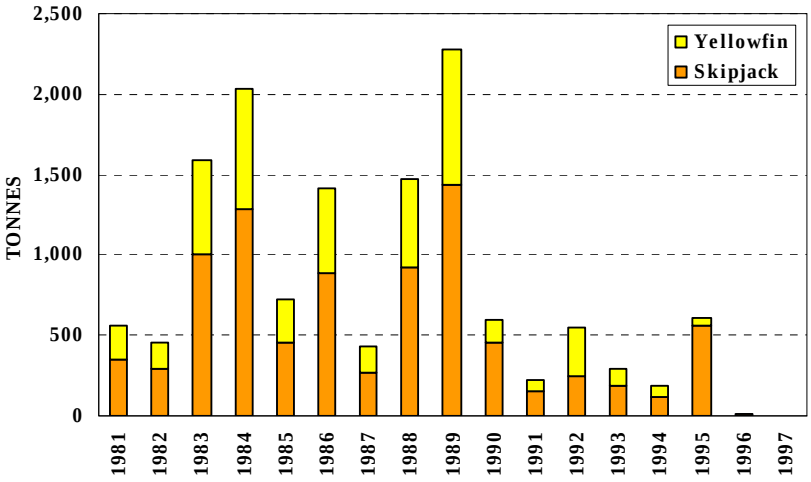

Figure 56. Catches by Kiribati pole-and-line vessels

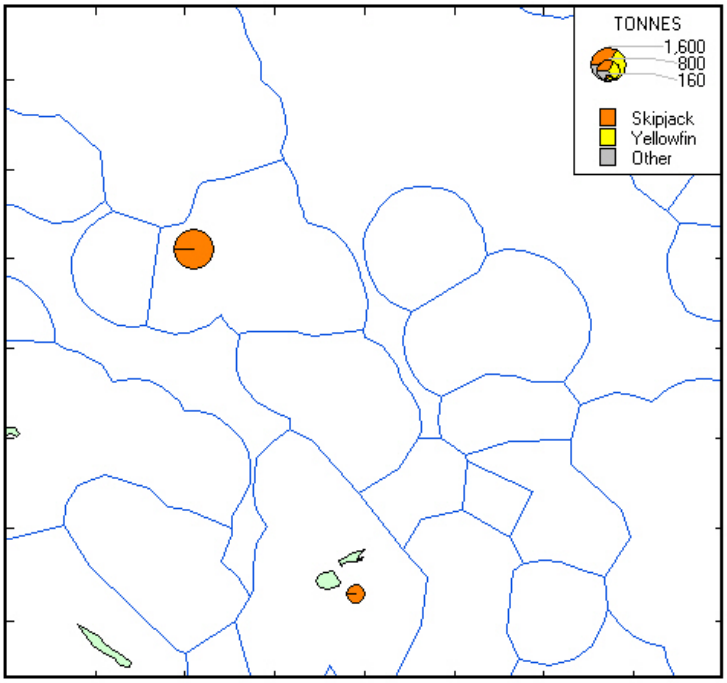

Figure 57. Kiribati pole-and-line catch, 1989

POLE-AND-LINE: NEW CALEDONIA

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

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

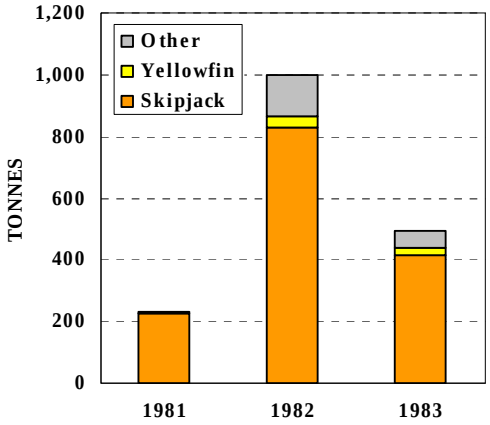

Figure 58. Catches by New Caledonian pole-and-line vessels

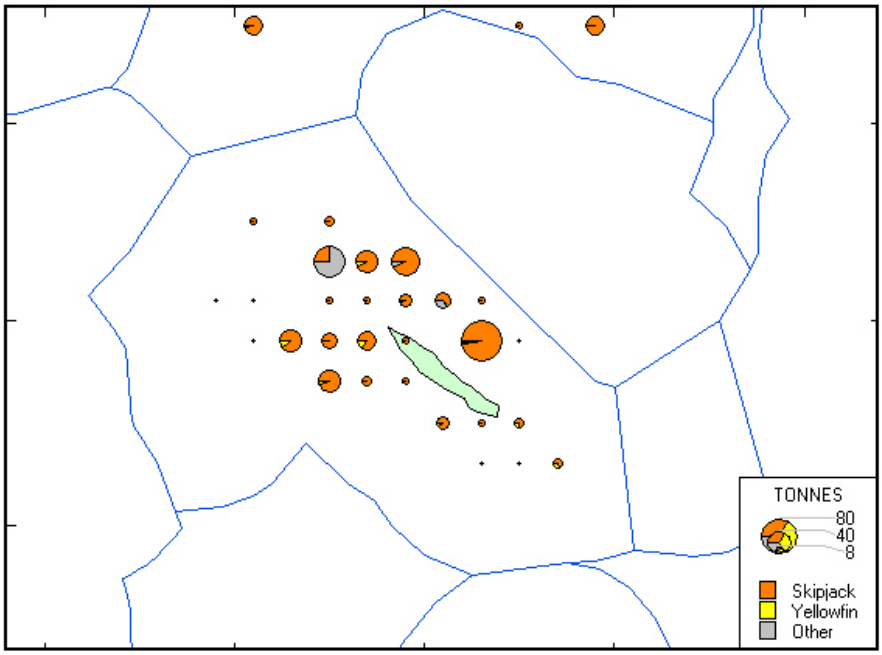

Figure 59. New Caledonian pole-and-line catch, 1983

POLE-AND-LINE: PALAU

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1964	6	412	1,025	2.49	87	141	0.34	12	12	1,178	2.86
1965	31	1,399	2,497	1.78	91	173	0.12	6	72	2,742	1.96
1966	15	1,362	2,615	1.92	89	71	0.05	2	250	2,936	2.16
1967	20	1,399	3,354	2.40	95	52	0.04	1	123	3,529	2.52
1968	11	1,512	5,039	3.33	99	17	0.01	0	43	5,099	3.37
1969	9	1,193	4,629	3.88	88	133	0.11	3	497	5,259	4.41
1970	10	1,599	8,081	5.05	96	1	0.00	0	360	8,442	5.28
1971	20	1,639	2,133	1.30	92	10	0.01	0	175	2,318	1.41
1972	11	1,053	1,463	1.39	76	56	0.05	3	394	1,913	1.82
1973	12	1,160	2,309	1.99	84	41	0.04	1	399	2,749	2.37
1974	24	1,692	6,647	3.93	96	161	0.10	2	122	6,930	4.10
1975	21	1,790	5,971	3.34	90	298	0.17	5	346	6,615	3.70
1976	33	1,614	4,911	3.04	92	412	0.26	8	25	5,348	3.31
1977	23	1,119	3,592	3.21	89	420	0.38	10	32	4,044	3.61
1978	26	2,233	9,391	4.21	97	303	0.14	3	31	9,725	4.36
1979	21	1,752	5,687	3.25	100	1	0.00	0	4	5,692	3.25
1980	31	1,219	5,580	4.58	85	996	0.82	15	20	6,596	5.41
1981	36	1,651	6,931	4.20	73	2,480	1.50	26	22	9,433	5.71
1982	20	858	3,438	4.01	78	615	0.72	14	327	4,380	5.10
1983	0	-	-	-	-	-	-	-	-	-	-
1984	0	-	-	-	-	-	-	-	-	-	-
1985	1	...	82	...	85	15	...	15	...	97	...
1986	1	...	112	...	85	19	...	15	...	131	...
1987	1	...	139	...	86	22	...	14	...	161	...
1988	1	...	119	...	76	38	...	24	...	157	...
1989	1	...	72	...	94	5	...	6	...	77	...
1990	1	...	80	...	91	8	...	9	...	88	...
1991	0	-	-	-	-	-	-	-	-	-	-
1992	1	...	61	...	81	14	...	19	...	75	...
1993	...	...	100	...	...	...	...	...	...	...	...
1994	...	...	100	...	...	...	...	...	...	...	...
1995	...	...	100	...	...	...	...	...	...	...	...
1996	...	...	100	...	...	...	...	...	...	...	...
1997	...	...	100	...	...	...	...	...	...	...	...
1998	...	...	100	...	...	...	...	...	...	...	...
1999	...	...	100	...	...	...	...	...	...	...	...
2000	...	...	100	...	...	...	...	...	...	...	...
2001	...	...	...	...	...	...	...	...	...	...	...
2002	...	...	...	...	...	...	...	...	...	...	...
2003	...	...	...	...	...	...	...	...	...	...	...
2004	...	...	...	...	...	...	...	...	...	...	...

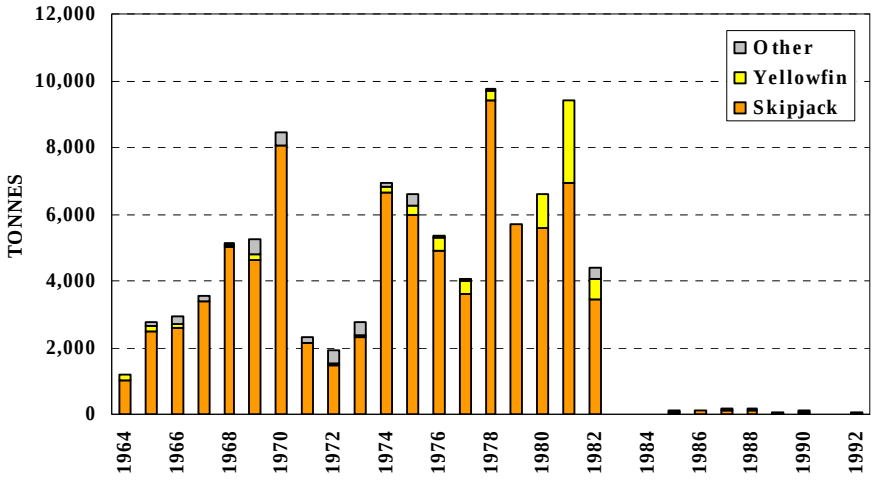

Figure 60. Catches by Palau pole-and-line vessels

POLE-AND-LINE: PAPUA NEW GUINEA

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	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	...

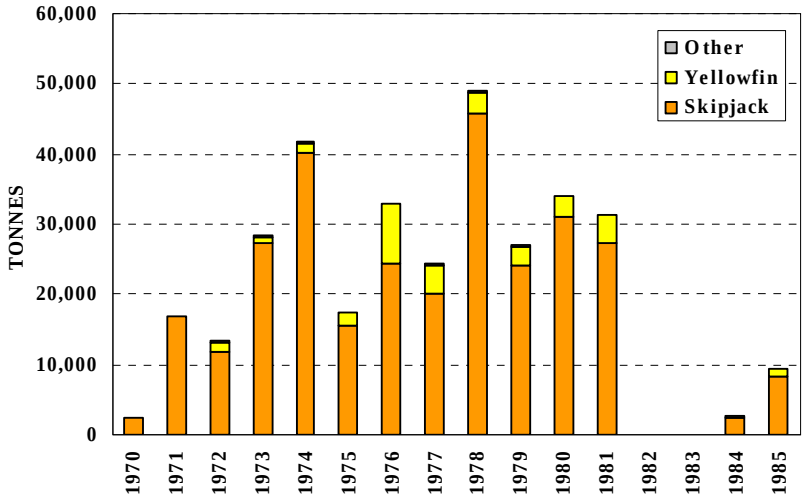

Figure 61. Catches by Papua New Guinea pole-and-line vessels

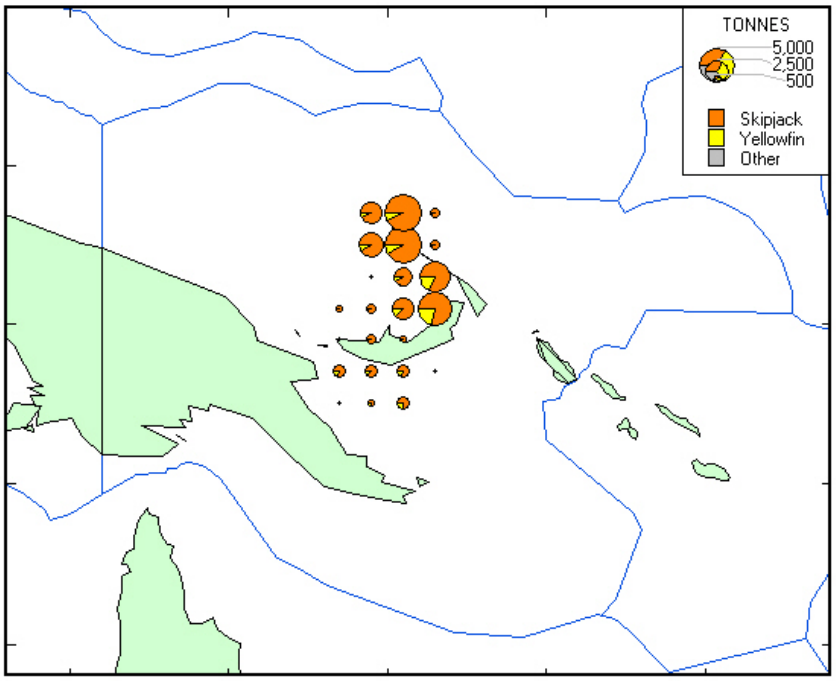

Figure 62. Papua New Guinea pole-and-line catch, 1981

POLE-AND-LINE: SOLOMON ISLANDS

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1971	...	813	4,570	5.62	97	141	0.17	3	...	4,711	5.79
1972	...	3,356	7,668	2.28	97	237	0.07	3	...	7,905	2.36
1973	11	1,944	6,318	3.25	97	195	0.10	3	...	6,513	3.35
1974	11	2,182	10,022	4.59	97	310	0.14	3	...	10,332	4.74
1975	12	2,419	7,076	2.93	99	18	0.01	0	75	7,169	2.96
1976	14	3,495	15,523	4.44	98	63	0.02	0	213	15,799	4.52
1977	20	4,741	11,847	2.50	98	114	0.02	1	154	12,115	2.56
1978	20	4,656	18,049	3.88	98	52	0.01	0	253	18,354	3.94
1979	23	5,085	23,497	4.62	99	192	0.04	1	112	23,801	4.68
1980	22	4,993	21,411	4.29	98	197	0.04	1	327	21,935	4.39
1981	23	4,676	19,620	4.20	98	211	0.05	1	201	20,032	4.28
1982	25	5,034	16,464	3.27	97	227	0.05	1	259	16,950	3.37
1983	27	5,953	27,028	4.54	97	578	0.10	2	212	27,818	4.67
1984	31	6,284	29,541	4.70	99	338	0.05	1	91	29,970	4.77
1985	36	7,112	23,744	3.34	97	338	0.05	1	461	24,543	3.45
1986	34	7,588	36,159	4.77	96	565	0.07	1	964	37,688	4.97
1987	34	6,839	20,564	3.01	93	1,456	0.21	7	93	22,113	3.23
1988	34	7,483	28,613	3.82	95	1,189	0.16	4	225	30,027	4.01
1989	33	6,833	23,268	3.41	97	776	0.11	3	58	24,102	3.53
1990	31	5,838	17,427	2.99	94	1,100	0.19	6	32	18,559	3.18
1991	32	6,829	35,240	5.16	97	953	0.14	3	29	36,222	5.30
1992	32	6,100	18,226	2.99	92	1,246	0.20	6	264	19,736	3.24
1993	27	5,947	15,425	2.59	87	2,263	0.38	13	144	17,832	3.00
1994	27	6,612	19,013	2.88	89	2,144	0.32	10	104	21,261	3.22
1995	32	6,986	28,924	4.14	92	2,391	0.34	8	30	31,345	4.49
1996	34	6,322	19,215	3.04	91	1,875	0.30	9	17	21,107	3.34
1997	31	5,558	20,364	3.66	94	1,257	0.23	6	30	21,651	3.90
1998	28	6,013	22,089	3.67	91	1,215	0.20	5	947	24,251	4.03
1999	27	5,482	18,322	3.34	94	982	0.18	5	274	19,578	3.57
2000	18	...	2,632	2.81	95	141	0.18	5	5	2,778	3.43
2001	12	...	3,921	5.51	96	153	0.21	4	4	4,078	5.74
2002	12	...	9,290	3.79	95	405	0.17	4	91	9,786	4.02
2003	12	...	10,140	...	94	655	...	6	2	10,797	...
2004	10	...	6,625	...	96	257	...	4	...	6,882	...

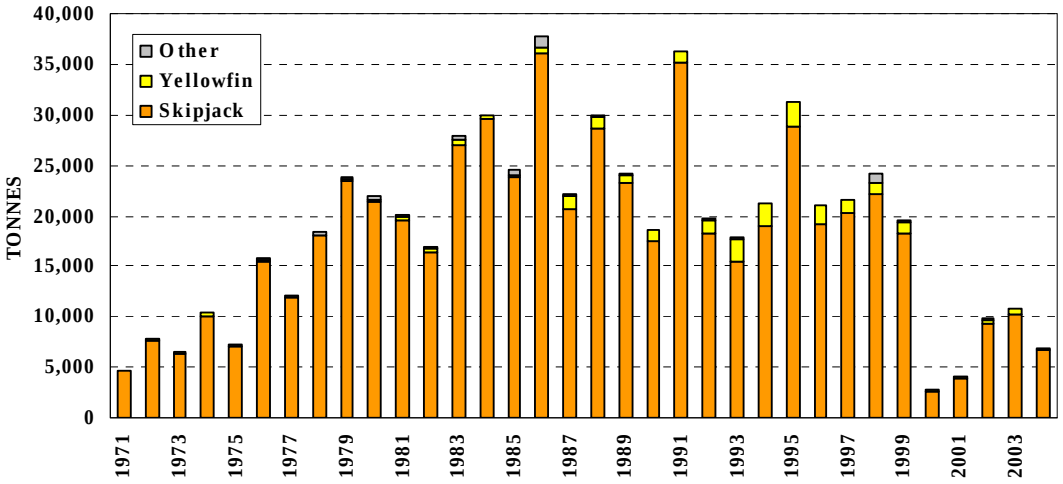

Figure 63. Catches by Solomon Islands pole-and-line vessels

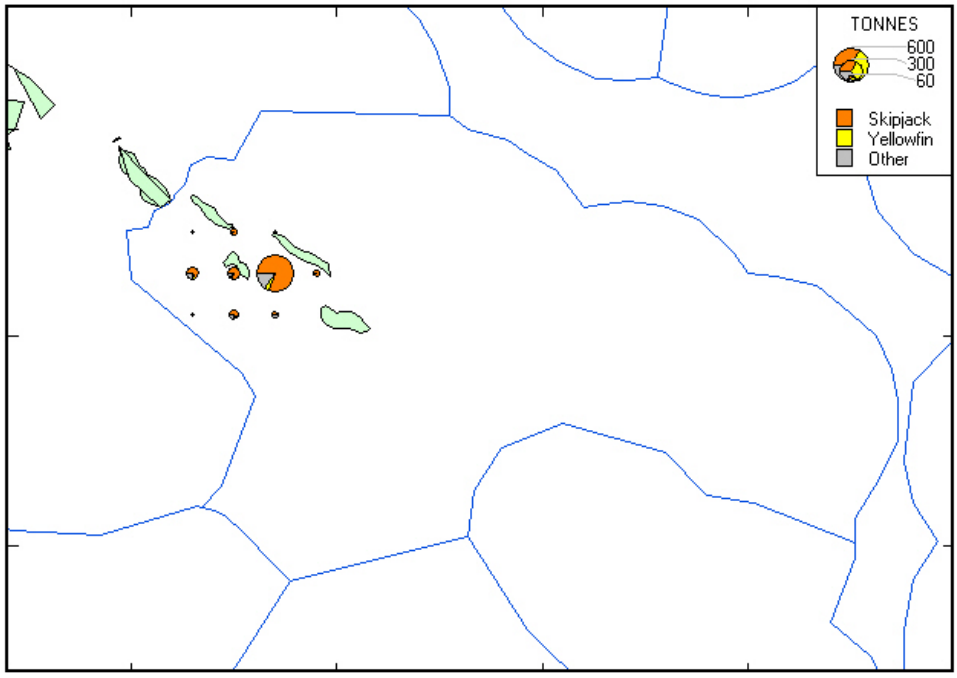

Figure 64. Solomon Islands pole-and-line catch, 2004

POLE-AND-LINE: TUVALU

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	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

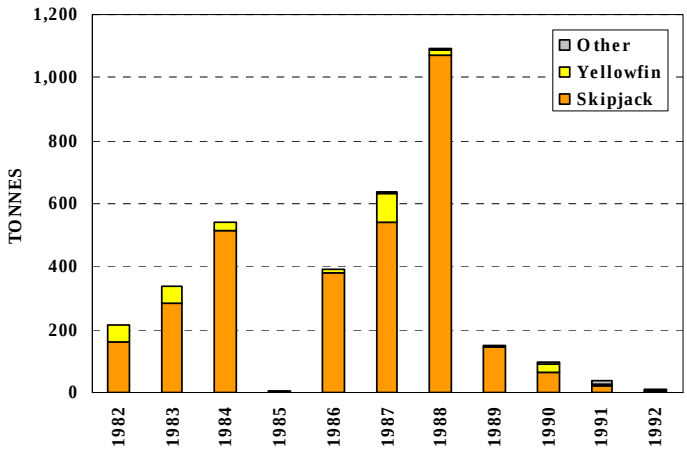

Figure 65. Catches by Tuvaluan pole-and-line vessels

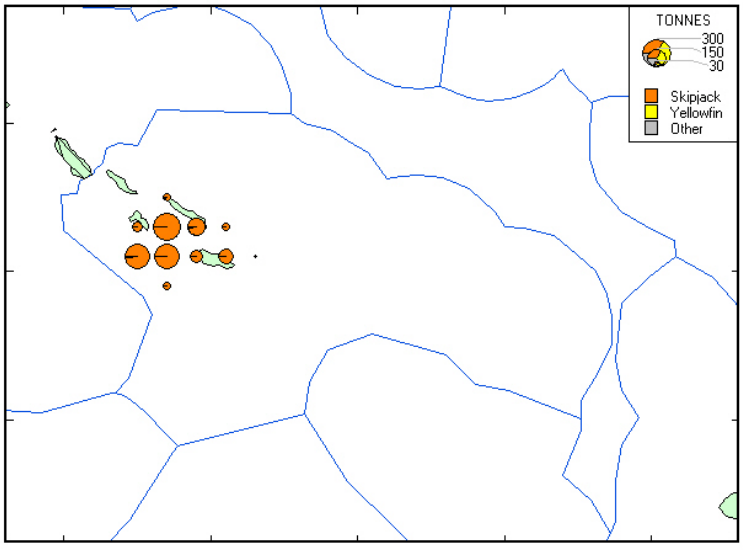

Figure 66. Tuvaluan pole-and-line catch, 1988

PURSE SEINE: AUSTRALIA, INSIDE THE AUSTRALIAN FISHING ZONE

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1975	...	...	1,900	...	100	...	...	...	...	...	...	...	1,900	...
1976	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1977	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1978	3	27	113	4.19	12	0	0.00	0	...	...	...	866	979	36.26
1979	2	16	0	0.00	0	0	0.00	0	...	...	...	611	611	38.19
1980	1	15	17	1.13	4	0	0.00	0	...	...	...	431	448	29.87
1981	2	34	244	7.18	32	0	0.00	0	...	...	...	511	755	22.21
1982	5	96	31	0.32	1	0	0.00	0	...	...	...	2,119	2,150	22.40
1983	6	104	114	1.10	10	0	0.00	0	...	...	...	1,008	1,122	10.79
1984	4	27	56	2.07	7	0	0.00	0	...	...	...	779	835	30.93
1985	2	10	0	0.00	0	0	0.00	0	...	...	...	446	446	44.60
1986	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	1	1	0	0.00	0	0	0.00	0	...	...	...	30	30	30.00
1988	0	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	3	41	598	14.59	96	26	0.63	4	...	...	...	0	624	15.22
1990	1	2	121	60.50	100	0	0.00	0	...	...	...	0	121	60.50
1991	6	135	1,954	14.47	100	0	0.00	0	...	...	...	0	1,954	14.47
1992	13	208	6,158	29.61	92	0	0.00	0	...	...	...	557	6,715	32.28
1993	7	248	3,855	15.54	81	6	0.02	0	...	...	...	879	4,740	19.11
1994	4	81	3,219	39.74	100	0	0.00	0	...	...	...	0	3,219	39.74
1995	3	59	4,086	69.25	100	0	0.00	0	...	...	...	0	4,086	69.25
1996	4	130	1,981	15.24	99	8	0.06	0	...	...	...	20	2,009	15.45
1997	5	262	4,204	...	98	13	...	0	...	...	...	63	4,280	...
1998	4	92	1,014	11.02	96	0	0.00	0	...	...	...	39	1,053	11.45
1999	6	162	4,164	25.70	100	0	0.00	0	...	...	...	1	4,165	25.71
2000	8	128	3,955	30.90	92	0	0.00	0	...	...	...	356	4,311	33.68
2001	3	54	492	9.11	99	0	0.00	0	...	...	...	5	497	9.20
2002	3	7	45	6.43	100	0	0.00	0	...	...	...	0	45	6.43
2003	2	23	541	23.52	100	0	0.00	0	...	...	...	0	541	23.52
2004	3	15	165	11.00	89	21	1.40	11	...	...	...	0	186	12.40

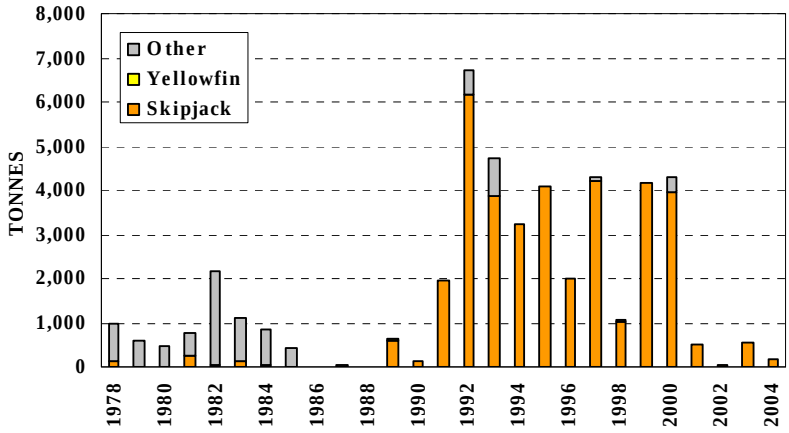

Figure 67. Catches by Australian purse seiners, inside the AFZ

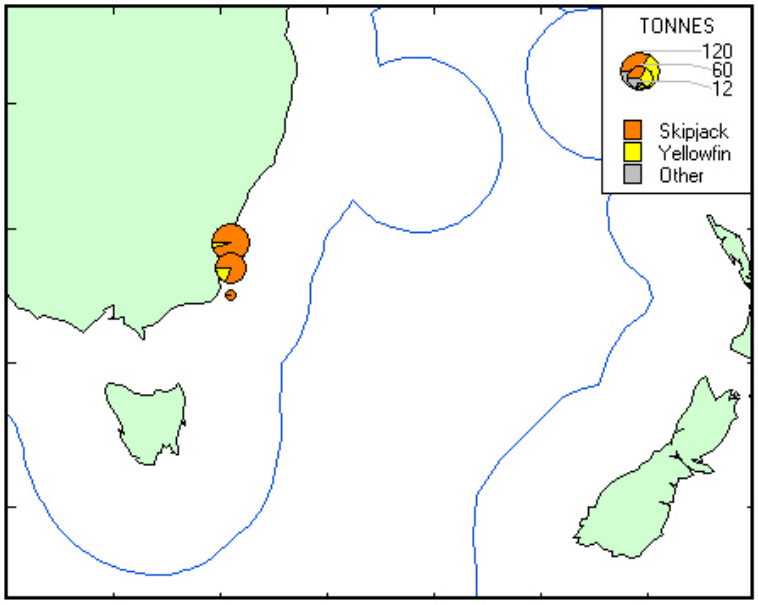

Figure 68. Australian purse-seiner catch, 2004

PURSE SEINE: AUSTRALIA, OUTSIDE THE AUSTRALIAN FISHING ZONE

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

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

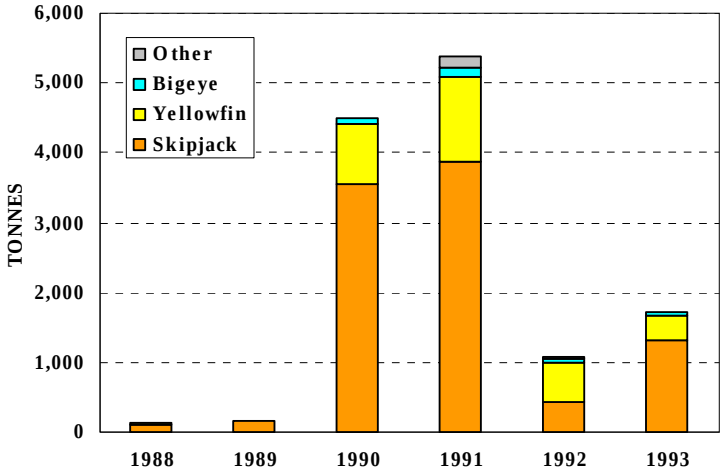

Figure 69. Catches by Australian purse seiners, outside the AFZ

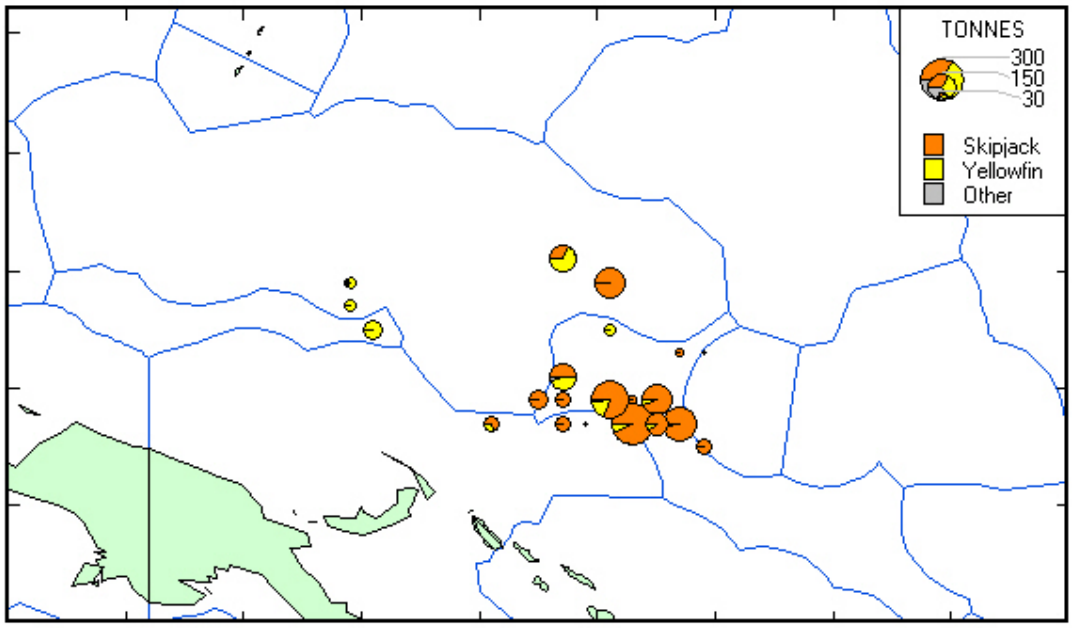

Figure 70. Australian distant-water purse-seiner catch, 1993

PURSE SEINE: CHINA

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

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	309	1.47	10	31	...	...	...	3,090	14.71
2002	3	420	7,713	18.36	93	487	1.16	6	60	0.14	1	...	8,260	19.67
2003	4	...	20,284	21.54	86	3,200	3.41	14	177	...	1	...	23,661	25.04
2004	...	...	...	...	...	...	...	...	...	...	...	...	...	...

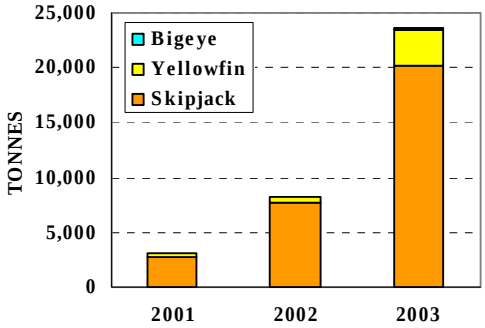

Figure 71. Catches by Chinese purse seiners

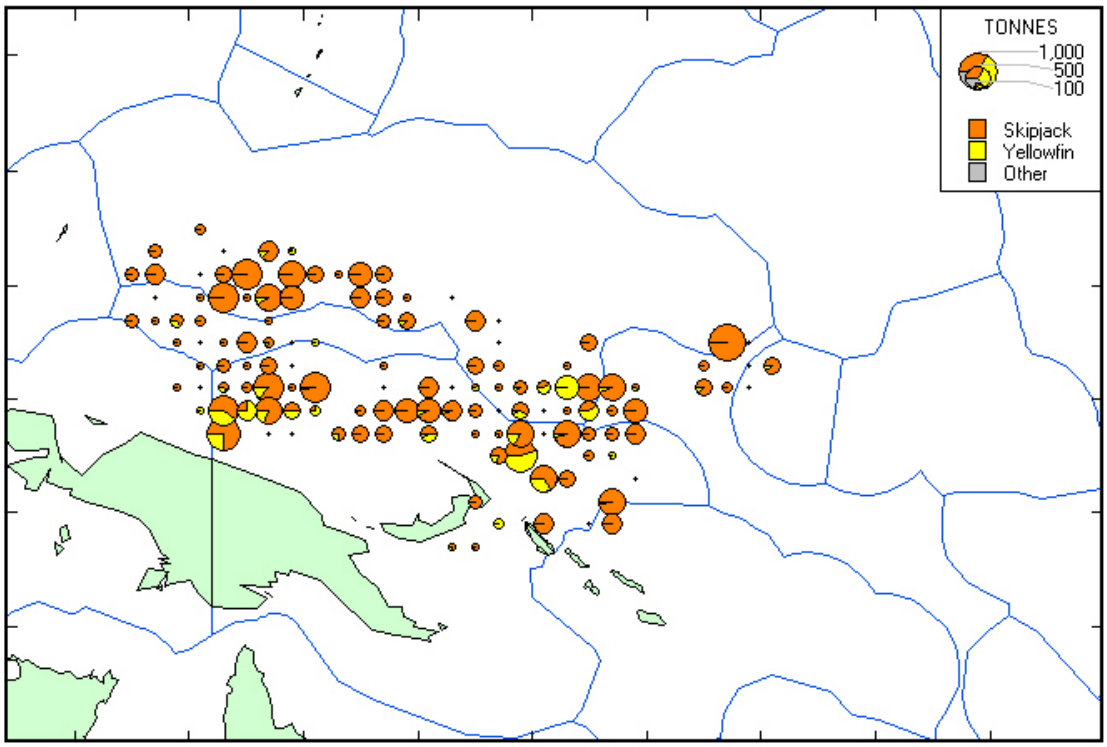

Figure 72. Chinese purse-seiner catch, 2003

PURSE SEINE: FEDERATED STATES OF MICRONESIA

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1991	6	...	8,448	5.25	73	2,638	2.13	23	229	...	2	188	11,503	7.56
1992	7	...	11,657	14.83	75	3,360	5.11	22	315	...	2	169	15,501	20.45
1993	7	...	11,341	10.02	71	4,306	3.81	27	409	...	3	...	16,056	14.20
1994	8	...	17,351	11.72	81	3,871	3.30	18	288	...	1	...	21,510	15.26
1995	6	...	4,216	8.62	67	1,961	3.48	31	109	...	2	...	6,286	12.29
1996	4	...	6,745	14.32	89	662	1.58	9	181	...	2	...	7,588	16.33
1997	4	...	5,501	9.76	66	2,316	4.67	28	507	...	6	...	8,324	15.45
1998	3	...	11,314	15.59	80	2,481	3.14	17	385	...	3	...	14,180	19.22
1999	4	...	6,810	12.39	66	3,036	4.56	29	515	...	5	...	10,361	17.72
2000	5	...	15,162	17.37	75	4,748	5.44	23	383	...	2	...	20,293	23.24
2001	5	...	10,689	11.77	64	5,152	5.67	31	813	...	5	...	16,654	18.34
2002	8	...	15,531	14.89	75	4,604	4.42	22	650	...	3	...	20,785	19.93
2003	8	...	24,054	17.02	80	5,187	3.68	17	655	...	2	...	29,896	21.16
2004	6		22,998	18.10	85	3,276	2.57	12	683		3	...	26,957	21.21

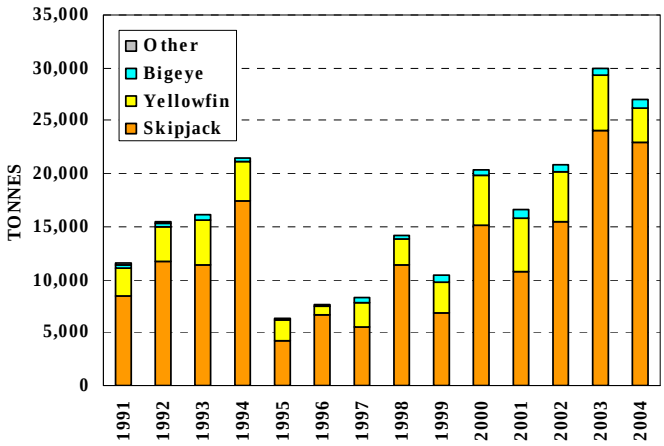

Figure 73. Catches by Federated States of Micronesia purse seiners

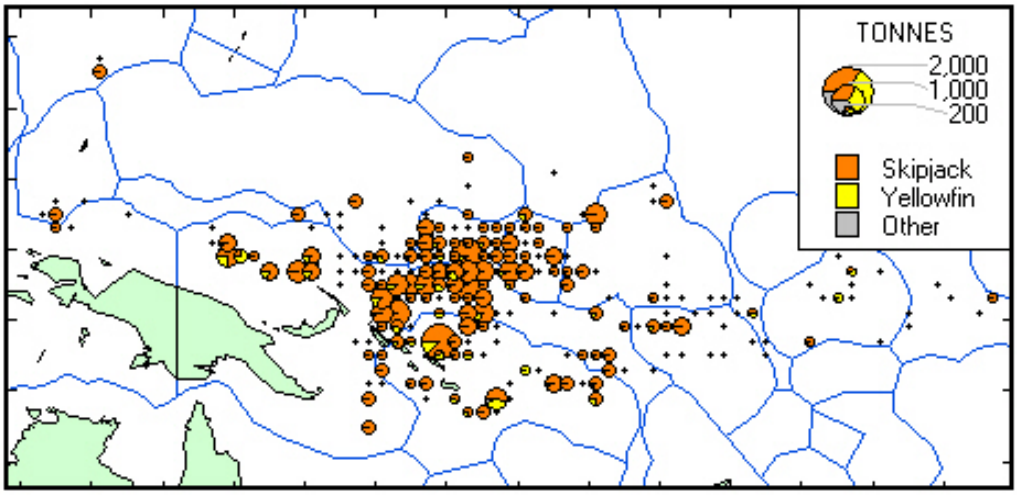

Figure 74. Federated States of Micronesia purse-seiner catch, 2004

PURSE SEINE: INDONESIAN DISTANT-WATER VESSELS

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

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

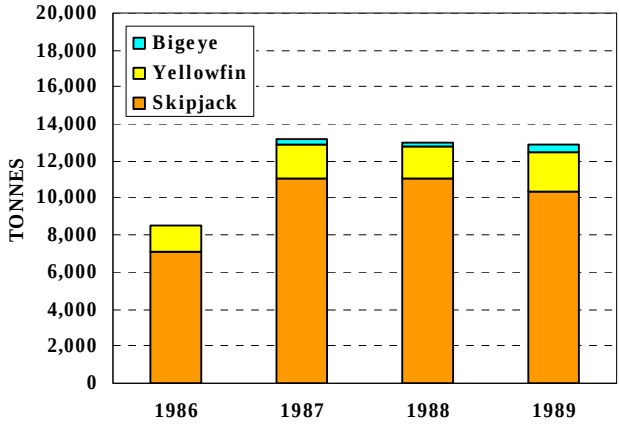

Figure 75. Catches by Indonesian distant-water purse seiners

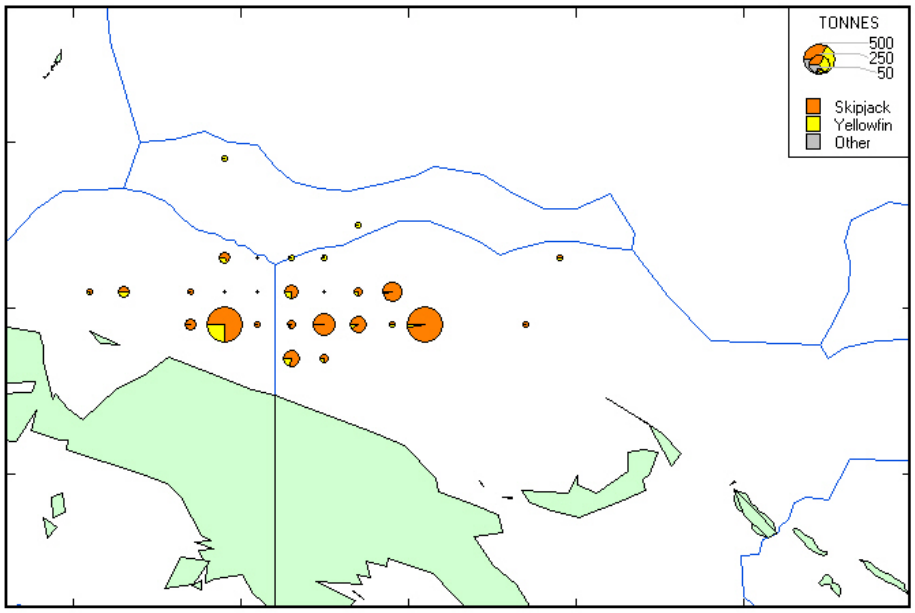

Figure 76. Indonesian distant-water purse-seiner catch, 1989

PURSE SEINE: JAPAN

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1967	...	...	34	...	51	33	...	49	0	...	0	...	67	...
1968	...	...	140	...	39	218	...	61	0	...	0	...	358	...
1969	4	...	77	...	96	3	...	4	0	...	0	...	80	...
1970	6	141	403	2.86	71	164	1.16	29	0	0.00	0	0	567	4.02
1971	6	2,028	7,933	3.91	52	2,830	1.40	18	128	0.06	1	4,423	15,314	7.55
1972	7	2,561	12,153	4.75	64	4,189	1.64	22	119	0.05	1	2,515	18,976	7.41
1973	6	2,723	13,244	4.86	58	7,276	2.67	32	182	0.07	1	2,245	22,947	8.43
1974	10	1,998	5,533	2.77	32	9,419	4.71	55	328	0.16	2	1,860	17,140	8.58
1975	12	2,265	6,806	3.00	39	5,595	2.47	32	265	0.12	2	4,766	17,432	7.70
1976	15	2,529	17,741	7.02	62	7,649	3.02	27	390	0.15	1	2,747	28,527	11.28
1977	14	2,232	18,590	8.33	58	6,825	3.06	21	302	0.14	1	6,100	31,817	14.25
1978	14	2,429	25,758	10.60	57	8,465	3.48	19	609	0.25	1	10,013	44,845	18.46
1979	17	3,622	28,738	7.93	47	19,012	5.25	31	720	0.20	1	12,870	61,340	16.94
1980	16	3,716	48,820	13.14	60	20,077	5.40	25	564	0.15	1	12,206	81,667	21.98
1981	23	4,736	44,763	9.45	46	27,534	5.81	28	925	0.20	1	25,005	98,227	20.74
1982	33	6,103	75,106	12.31	60	31,088	5.09	25	1,129	0.18	1	17,276	124,599	20.42
1983	36	8,560	116,958	13.66	71	30,820	3.60	19	1,468	0.17	1	14,827	164,073	19.17
1984	33	9,657	128,955	13.35	73	38,652	4.00	22	702	0.07	0	7,448	175,757	18.20
1985	35	9,741	119,204	12.24	68	47,941	4.92	27	1,381	0.14	1	7,716	176,242	18.09
1986	38	8,985	130,900	14.57	71	44,467	4.95	24	1,531	0.17	1	8,709	185,607	20.66
1987	34	9,075	115,505	12.73	67	44,634	4.92	26	1,602	0.18	1	11,569	173,310	19.10
1988	39	9,143	183,673	20.09	84	30,125	3.29	14	606	0.07	0	5,006	219,410	24.00
1989	37	9,188	122,030	13.28	71	40,872	4.45	24	1,528	0.17	1	8,221	172,651	18.79
1990	35	8,321	140,116	16.84	75	37,742	4.54	20	2,122	0.26	1	6,065	186,045	22.36
1991	35	7,818	149,967	19.18	72	48,514	6.21	23	1,951	0.25	1	8,241	208,673	26.69
1992	38	7,404	140,172	18.93	68	53,088	7.17	26	2,563	0.35	1	8,883	204,706	27.65
1993	36	8,451	136,889	16.20	68	57,858	6.85	29	1,903	0.23	1	5,038	201,688	23.87
1994	33	7,851	160,151	20.40	76	39,866	5.08	19	1,676	0.21	1	10,004	211,697	26.96
1995	31	8,755	143,179	16.35	70	45,183	5.16	22	1,629	0.19	1	14,413	204,404	23.35
1996	32	9,362	156,177	16.68	83	24,539	2.62	13	1,494	0.16	1	6,293	188,503	20.13
1997	35	9,031	156,904	17.37	67	57,475	6.36	24	8,467	0.94	4	12,674	235,520	26.08
1998	35	8,046	230,247	28.62	84	37,712	4.69	14	2,706	0.34	1	4,126	274,791	34.15
1999	36	9,368	150,321	16.05	69	43,847	4.68	20	3,523	0.38	2	20,242	217,933	23.26
2000	37	9,259	167,726	18.11	74	36,125	3.90	16	4,735	0.51	2	19,571	228,157	24.64
2001	36	8,032	169,328	21.08	77	33,735	4.20	15	6,125	0.76	3	10,164	219,352	27.31
2002	35	8,320	188,052	22.60	84	19,138	2.30	9	4,587	0.55	2	13,169	224,946	27.04
2003	...	8,677	187,338	21.59	83	27,120	3.13	12	5,099	0.59	2	7,370	226,927	26.15
2004	...	8,837	172,563	19.53	83	22,626	2.56	11	4,577	0.52	2	6,932	206,698	23.39

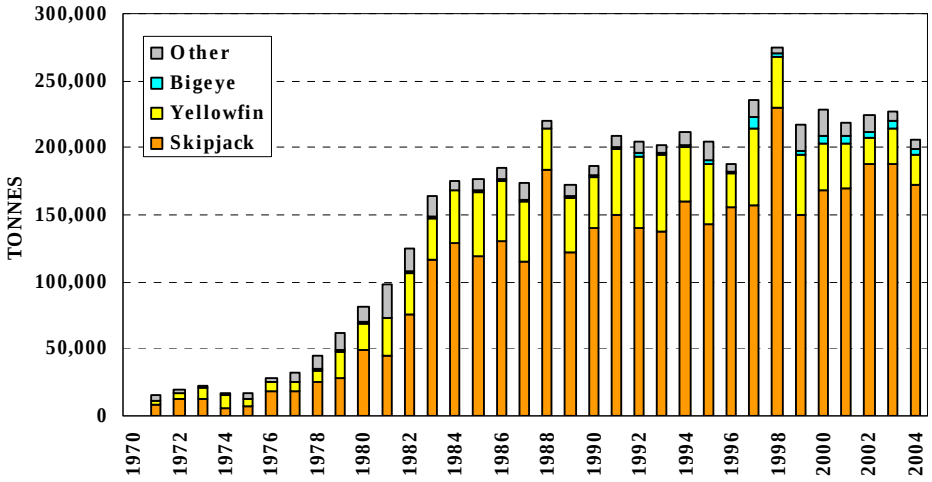

Figure 77. Catches by Japanese purse seiners

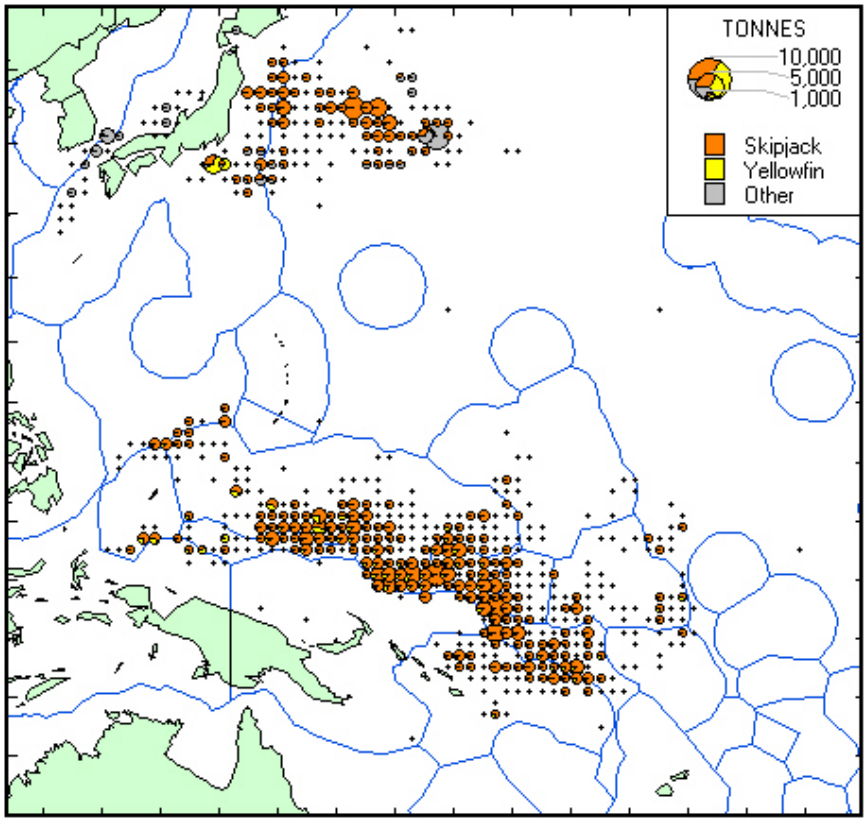

Figure 78. Japanese purse-seiner catch, 2004

PURSE SEINE: KIRIBATI

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1994	1	...	895	12.85	80	202	2.72	18	26	...	2	...	1,123	15.92
1995	1	...	1,961	10.52	65	994	5.34	33	43	...	1	...	2,998	16.09
1996	1	...	4,104	18.76	85	593	2.86	12	122	...	3	...	4,819	22.21
1997	1	...	2,851	7.89	55	2,061	7.72	40	291	...	6	...	5,203	16.72
1998	1	...	5,414	22.18	71	1,942	6.41	26	221	...	3	...	7,577	29.32
1999	1	...	4,493	22.79	74	1,358	6.52	22	222	...	4	...	6,073	30.38
2000	1	...	3,701	15.53	74	1,199	4.97	24	73	...	1	...	4,973	20.81
2001	1	...	3,286	14.60	71	1,125	5.27	24	208	...	5	...	4,619	20.84
2002	1	...	4,261	18.53	80	865	3.93	16	171	...	3	...	5,297	23.24
2003	1	...	3,440	16.59	74	1,055	4.83	23	155	...	3	...	4,650	22.13
2004	1	...	3,816	15.67	83	644	2.64	14	140	...	3	...	4,600	18.89

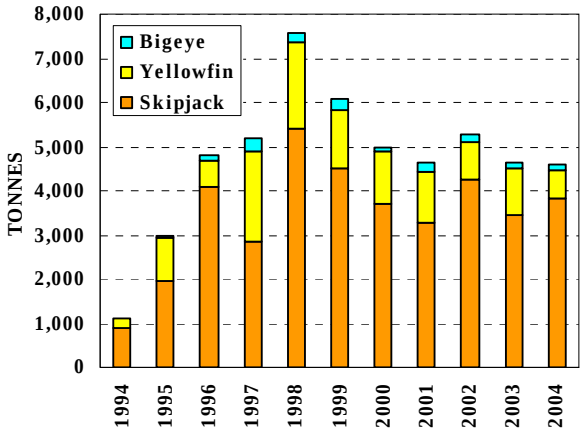

Figure 79. Catches by Kiribati purse seiners

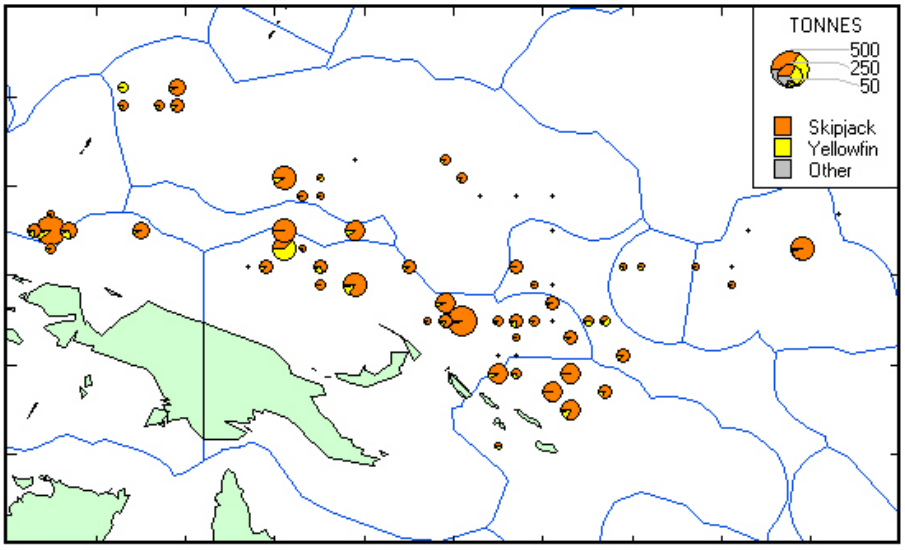

Figure 80. Kiribati purse-seiner catch, 2004

PURSE SEINE: MARSHALL ISLANDS

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
2000	5	262	6,625	25.29	88	896	3.42	12	39	0.15	1	...	7,560	28.85
2001	5	1,193	32,583	27.31	91	2,909	2.44	8	282	0.24	1	...	35,774	29.99
2002	5	1,247	37,732	30.26	97	1,046	0.84	3	174	0.14	0	...	38,952	31.24
2003	6	1,550	35,272	22.76	93	2,048	1.32	5	555	0.36	1	...	37,875	24.44
2004	6	1,460	42,078	28.83	90	3,632	2.49	8	962	0.66	2	...	46,672	31.98

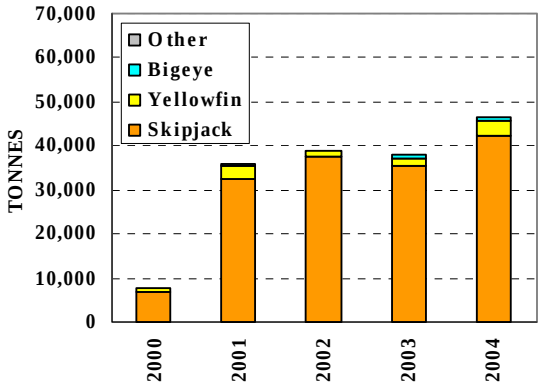

Figure 81. Catches by Marshall Islands purse seiners

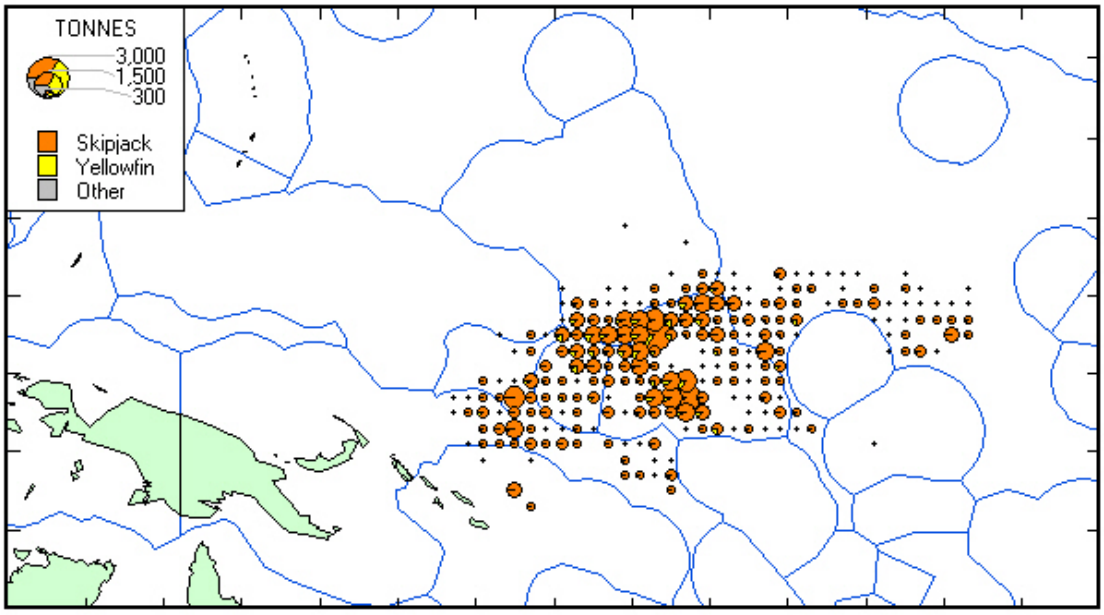

Figure 82. Marshall Islands purse-seiner catch, 2004

PURSE SEINE: MEXICO

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

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

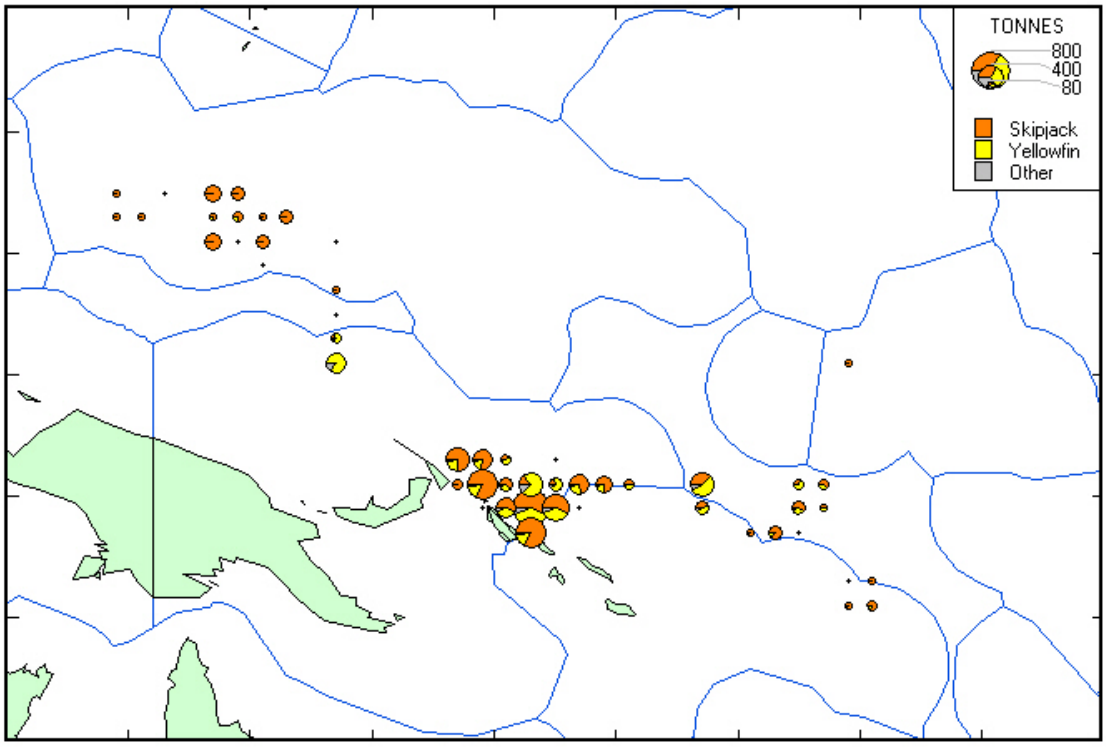

Figure 83. Mexican purse-seiner catch, 1983 and 1984

PURSE SEINE: NEW ZEALAND

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1983	7	277	5,581	20.15	96	239	0.86	4	0	0.00	0	5	5,825	21.03
1984	5	226	3,999	17.69	91	231	1.02	5	0	0.00	0	159	4,389	19.42
1985	5	164	2,289	13.96	78	170	1.04	6	0	0.00	0	459	2,918	17.79
1986	4	183	4,875	26.64	89	0	0.00	0	0	0.00	0	622	5,497	30.04
1987	3	...	3,763	...	100	0	...	0	...	...	...	...	3,763	...
1988	4	...	3,509	...	100	0	...	0	...	...	...	...	3,509	...
1989	1	...	5,424	...	100	0	...	0	...	...	...	...	5,424	...
1990	9	...	3,959	27.30	100	0	0.00	0	...	...	...	...	3,959	27.59
1991	6	...	5,256	38.23	100	0	0.00	0	...	...	...	...	5,256	38.23
1992	7	...	985	23.28	100	0	0.00	0	...	...	...	...	985	23.39
1993	5	...	937	31.18	100	0	0.00	0	...	...	...	...	937	31.21
1994	7	...	3,088	26.25	100	0	0.00	0	...	...	...	...	3,088	26.25
1995	6	...	1,654	26.65	100	0	0.00	0	...	...	...	...	1,654	26.65
1996	6	...	3,492	28.07	100	5	0.05	0	...	...	...	...	3,497	28.13
1997	7	...	6,510	41.40	100	0	0.00	0	...	...	...	...	6,510	41.40
1998	6	...	8,118	38.16	100	0	0.00	0	...	...	...	...	8,118	38.16
1999	6	...	5,656	34.59	100	0	0.00	0	...	...	...	...	5,656	34.59
2000	8	...	12,759	34.00	94	776	2.10	6	100	...	1	...	13,635	36.43
2001	11	...	8,300	24.79	90	834	2.13	9	121	...	1	...	9,255	27.41
2002	11	...	16,870	20.19	84	3,097	3.25	15	175	...	1	...	20,142	23.91
2003	9	...	19,480	18.46	84	2,985	2.85	13	608	...	3	...	23,073	21.91
2004	11	...	20,289	18.39	89	1,997	1.86	9	558	...	2	...	22,844	20.79

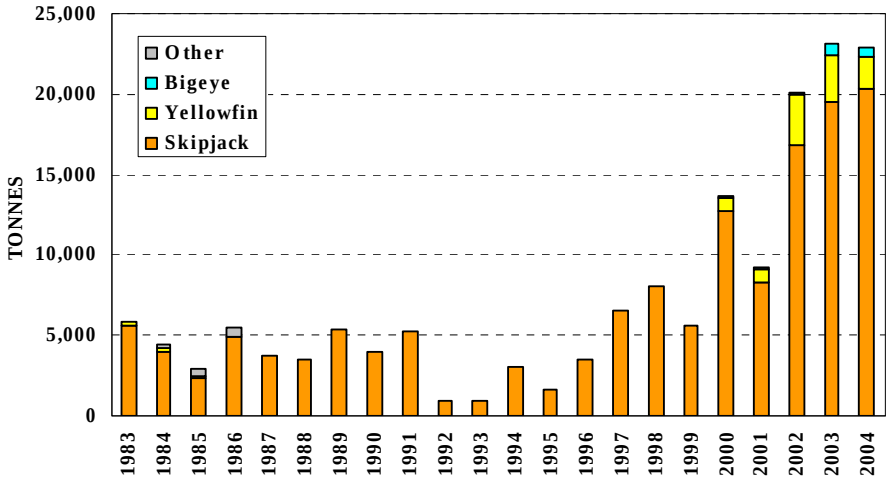

Figure 84. Catches by New Zealand purse seiners

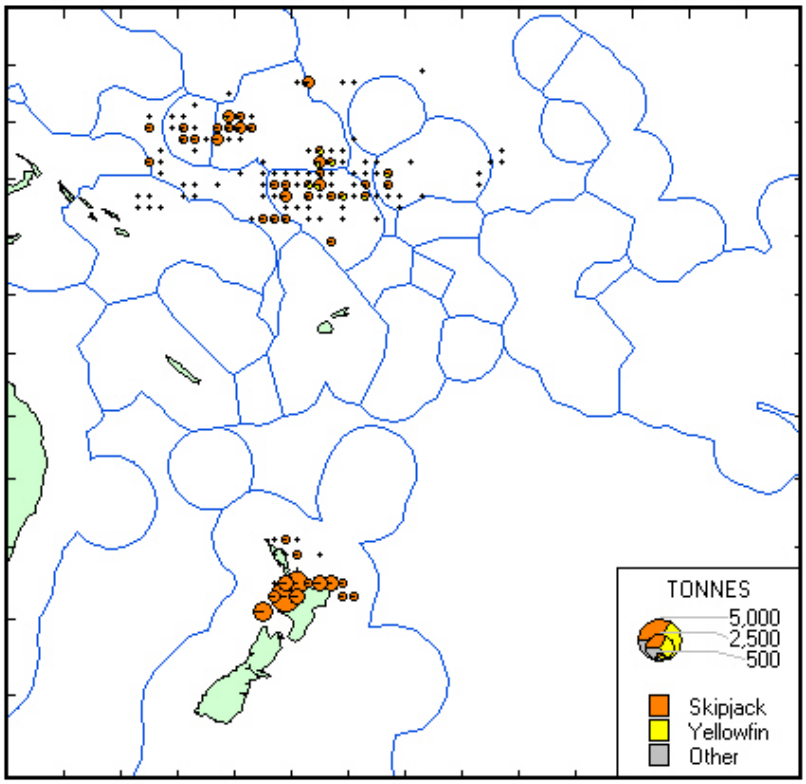

Figure 85. New Zealand purse-seiner catch, 2004

PURSE SEINE: PAPUA NEW GUINEA

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1994	2	49	987	20.14	73	344	7.02	25	20	0.41	1	0	1,351	27.57
1995	3	698	9,404	13.47	73	3,018	4.32	23	104	0.15	1	365	12,891	18.47
1996	4	323	9,341	28.90	90	909	2.81	9	87	0.27	1	0	10,337	31.98
1997	10	2,118	11,396	5.38	60	5,516	2.60	29	1,942	0.92	10	1	18,855	8.90
1998	13	2,285	36,356	15.91	72	10,752	4.71	21	2,992	1.31	6	49	50,149	21.95
1999	17	1,860	29,197	15.70	73	7,617	4.10	19	1,487	0.80	4	1,574	39,875	21.44
2000	20	2,933	53,123	18.11	77	12,963	4.42	19	1,541	0.53	2	1,672	69,299	23.63
2001	22	4,518	66,652	14.75	72	22,338	4.94	24	4,095	0.91	4	69	93,154	20.62
2002	26	4,765	90,873	19.07	75	24,214	5.08	20	6,247	1.31	5	287	121,621	25.52
2003	28	6,628	121,448	18.32	77	31,807	4.80	20	4,605	0.69	3	46	157,906	23.82
2004	37	...	175,201	23.09	87	23,166	2.90	11	3,749	...	2	73	202,189	26.49

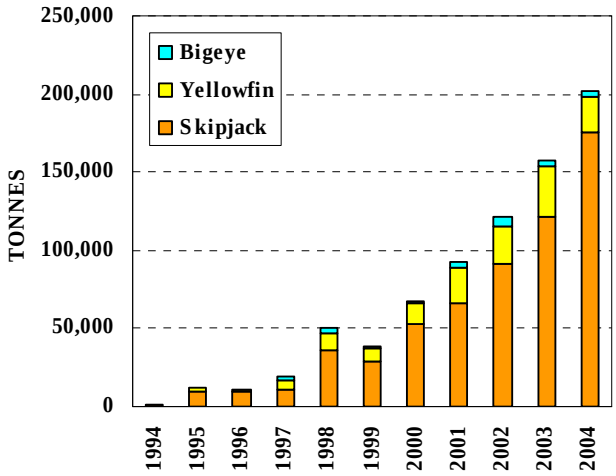

Figure 86. Catches by Papua New Guinea purse seiners

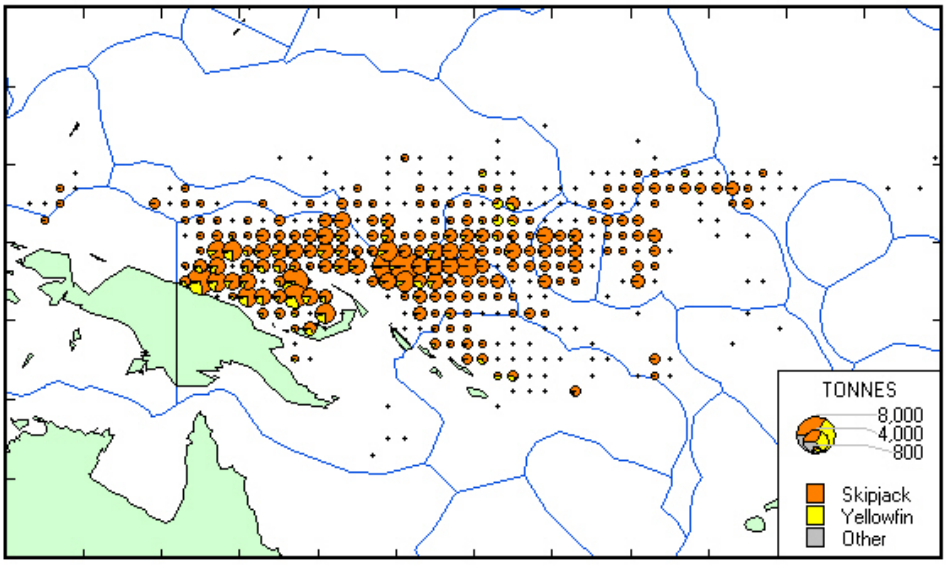

Figure 87. Papua New Guinea purse-seiner catch, 2004

PURSE SEINE: PHILIPPINES

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1982	1	118	766	6.49	58	415	3.52	31	60	...	5	90	1,331	11.28
1983	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1984	3	276	775	2.81	48	742	2.69	46	104	...	6	...	1,621	5.87
1985	5	388	9,148	23.58	73	2,908	7.49	23	423	...	3	...	12,479	32.16
1986	5	211	6,989	33.12	81	1,423	6.74	17	207	...	2	...	8,619	40.85
1987	5	693	12,035	17.37	76	3,376	4.87	21	491	...	3	...	15,902	22.95
1988	9	817	8,356	10.23	70	2,993	3.66	25	435	...	4	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	7,102	3.33	25	961	...	3	...	27,873	16.62
1996	12	...	24,767	11.84	73	7,180	3.12	21	2,093	...	6	...	34,040	15.25
1997	12	...	22,553	8.95	64	9,237	2.68	26	3,228	...	9	...	35,018	11.89
1998	13	...	32,071	9.82	73	9,010	2.53	21	2,773	...	6	...	43,854	12.59
1999	10	1,876	24,533	13.08	78	5,625	3.00	18	1,266	0.67	4	19	31,443	16.76
2000	9	1,891	27,748	14.67	78	6,575	3.48	19	1,194	0.63	3	15	35,532	18.79
2001	10	1,735	15,421	8.89	60	8,249	4.75	32	2,017	1.16	8	12	25,699	14.81
2002	11	1,681	19,569	11.64	72	5,973	3.55	22	1,669	0.99	6	32	27,243	16.21
2003	10	...	24,339	10.36	76	6,257	3.13	20	1,279	...	4	50	31,925	13.65
2004	10	...	27,288	11.77	81	5,153	2.59	15	1,375	...	4	37	33,853	14.74

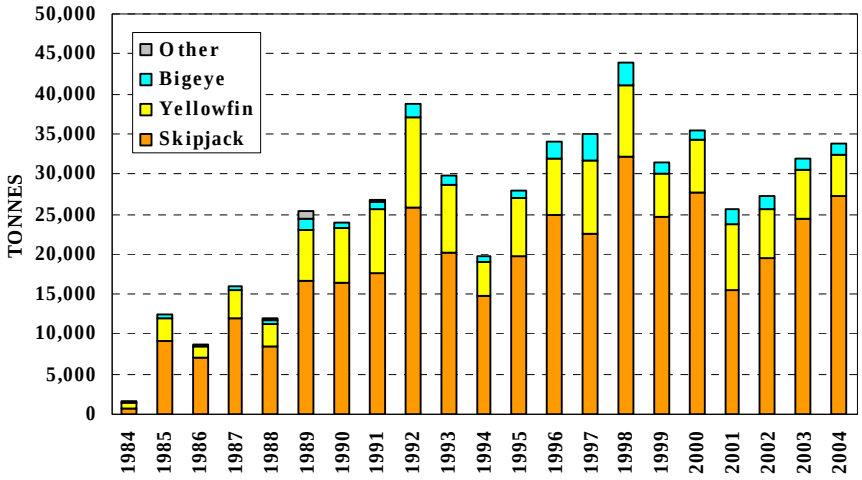

Figure 88. Catches by Philippines distant-water purse seiners

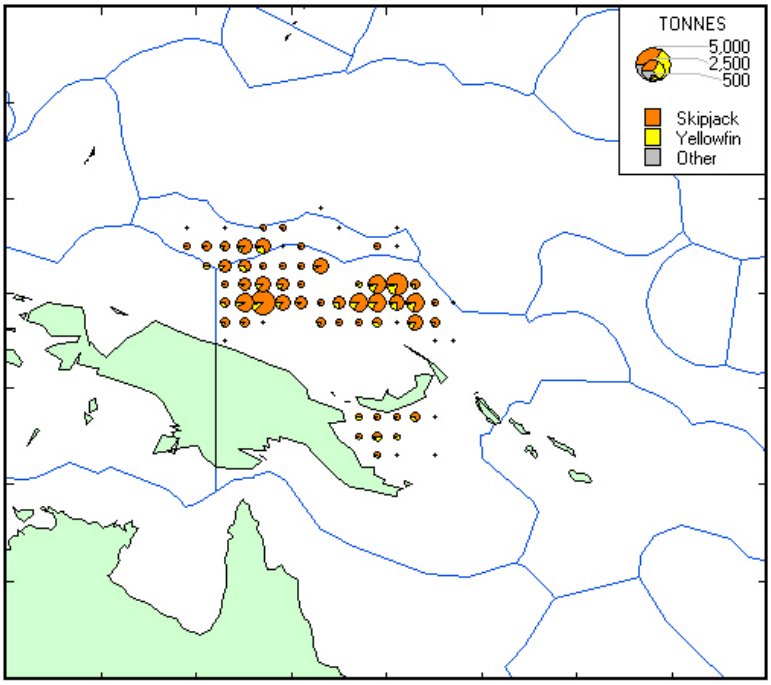

Figure 89. Philippines distant-water purse-seiner catch, 2004

PURSE SEINE: REPUBLIC OF KOREA

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1980	2	...	402	...	74	88	...	16	7	...	1	47	544	...
1981	3	...	1,452	...	71	540	...	26	45	...	2	7	2,044	...
1982	10	...	8,901	...	73	2,882	...	24	419	...	3	7	12,209	...
1983	11	...	13,271	...	82	2,572	...	16	353	...	2	20	16,216	...
1984	12	...	10,635	...	75	3,095	...	22	444	...	3	10	14,184	...
1985	11	...	9,554	...	85	1,536	...	14	162	...	1	28	11,280	...
1986	13	...	19,760	...	71	7,371	...	27	509	...	2	92	27,732	...
1987	20	...	39,882	...	68	17,109	...	29	1,310	...	2	...	58,301	...
1988	23	...	63,812	...	80	14,280	...	18	1,304	...	2	...	79,396	...
1989	30	...	82,560	...	72	31,078	...	27	1,765	...	2	32	115,435	...
1990	39	...	134,414	...	78	36,281	...	21	2,256	...	1	274	173,225	...
1991	36	...	163,978	...	72	59,744	...	26	2,735	...	1	411	226,868	...
1992	36	...	147,079	...	65	74,515	...	33	5,273	...	2	...	226,867	...
1993	34	...	77,581	...	61	46,682	...	37	2,309	...	2	76	126,648	...
1994	32	...	152,487	30.89	78	40,562	8.20	21	1,944	...	1	11	195,004	39.50
1995	30	...	139,608	34.46	80	34,234	8.47	20	1,432	...	1	190	175,464	43.31
1996	28	...	129,754	17.35	88	16,135	2.25	11	1,625	...	1	...	147,514	19.83
1997	27	...	121,617	16.35	77	32,437	5.85	20	4,920	...	3	...	158,974	23.09
1998	26	...	135,958	22.96	68	60,362	8.89	30	4,586	...	2	...	200,906	32.53
1999	26	...	110,449	16.55	78	29,295	4.51	21	2,102	...	1	...	141,846	21.39
2000	26	...	141,113	22.74	83	27,884	4.83	16	801	...	0	...	169,798	27.71
2001	26	...	143,503	21.07	81	33,187	6.16	19	1,382	...	1	...	178,072	27.49
2002	26	...	166,867	26.68	81	36,447	3.19	18	2,824	...	1	12	206,150	30.11
2003	27	...	153,447	22.72	81	34,458	5.37	18	1,418	...	1	...	189,323	28.32
2004	28	...	152,126	21.41	83	29,472	2.87	16	1,892	...	1	...	183,490	24.47

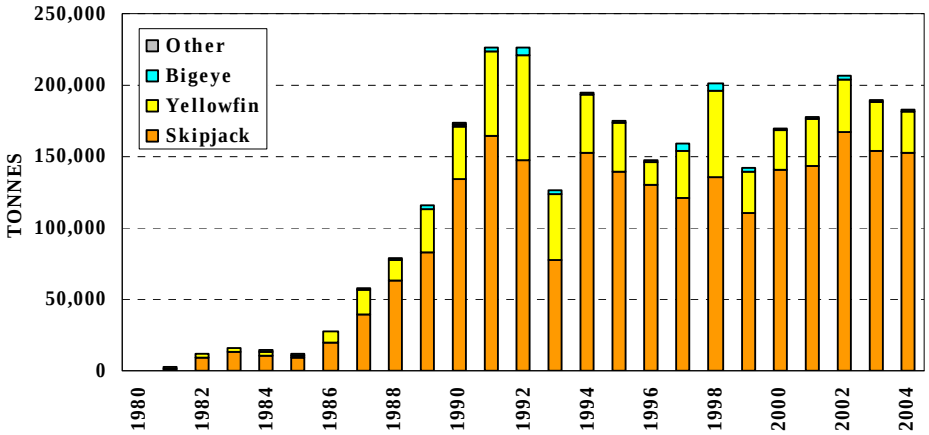

Figure 90. Catches by Korean purse seiners

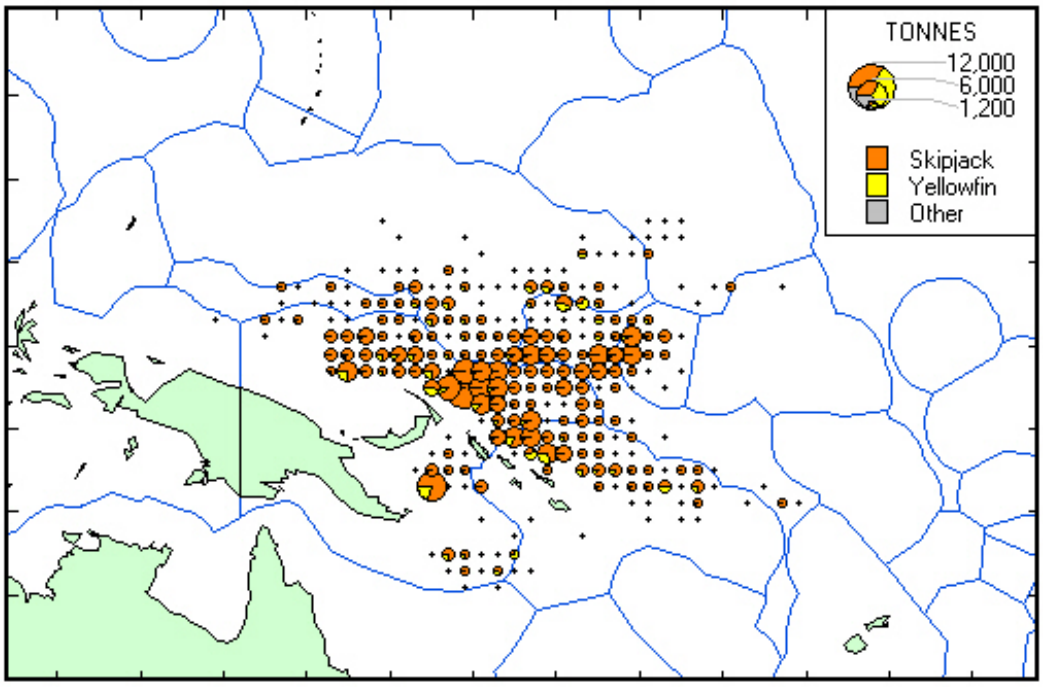

Figure 91. Korean purse-seiner catch, 2004

PURSE SEINE: RUSSIA

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

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

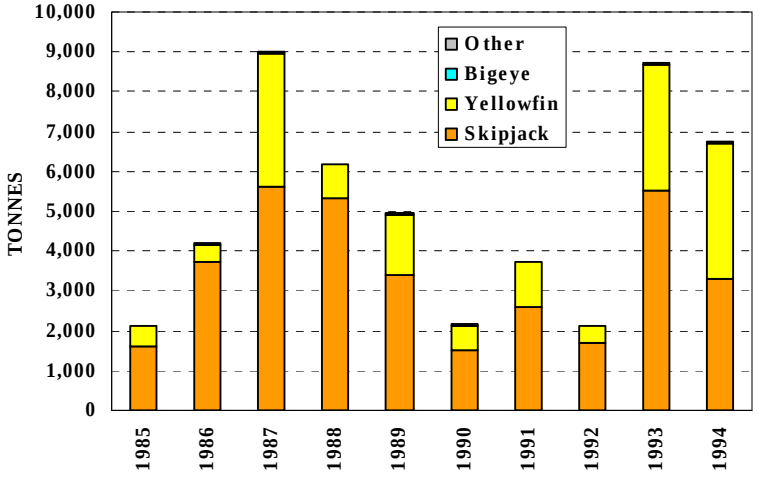

Figure 92. Catches by Russian purse seiners

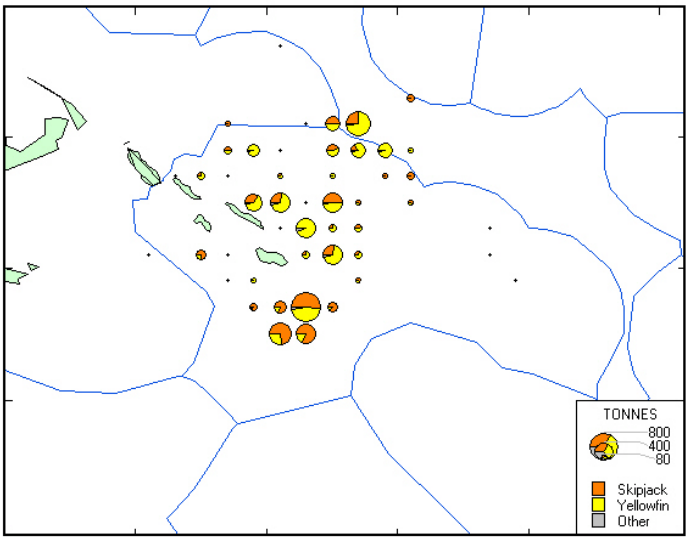

Figure 93. Russian purse-seiner catch, 1994

PURSE SEINE: SOLOMON ISLANDS

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	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	1,174	9.10	41	168	1.30	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	2,213	12.79	41	317	1.83	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	2,522	13.41	44	360	1.91	6	57	5,763	30.65
1986	1	177	3,267	18.46	55	1,990	11.24	33	268	1.51	5	418	5,943	33.58
1987	2	217	3,580	16.50	43	3,350	15.44	40	487	2.24	6	868	8,285	38.18
1988	4	311	6,467	20.79	58	3,705	11.91	33	539	1.73	5	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	5,825	13.33	33	790	1.81	4	18	17,845	40.84
1996	3	636	7,270	11.43	44	7,585	11.93	46	1,716	2.70	10	17	16,588	26.08
1997	4	902	15,947	17.68	66	6,078	6.74	25	2,079	2.30	9	7	24,111	26.73
1998	4	836	16,573	19.82	71	5,391	6.45	23	1,357	1.62	6	18	23,339	27.92
1999	5	1,000	17,291	17.29	68	6,775	6.78	27	1,154	1.15	5	150	25,370	25.37
2000	5	327	6,159	18.83	68	2,518	7.70	28	334	1.02	4	95	9,106	27.85
2001	2	452	8,022	17.75	63	3,668	8.12	29	1,053	2.33	8	0	12,743	28.19
2002	2	...	4,884	14.54	60	2,416	6.79	30	780	...	10	...	8,080	23.51
2003	3	...	8,874	24.03	58	4,934	13.19	33	1,370	...	9	...	15,178	40.83
2004	14	...	6,817	10.15	42	7,208	8.70	45	2,069	...	13	...	16,094	21.34

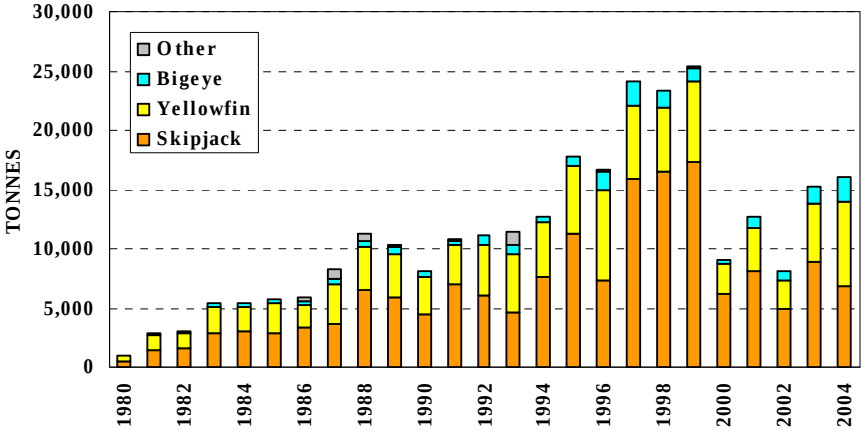

Figure 94. Catches by Solomon Islands purse seiners

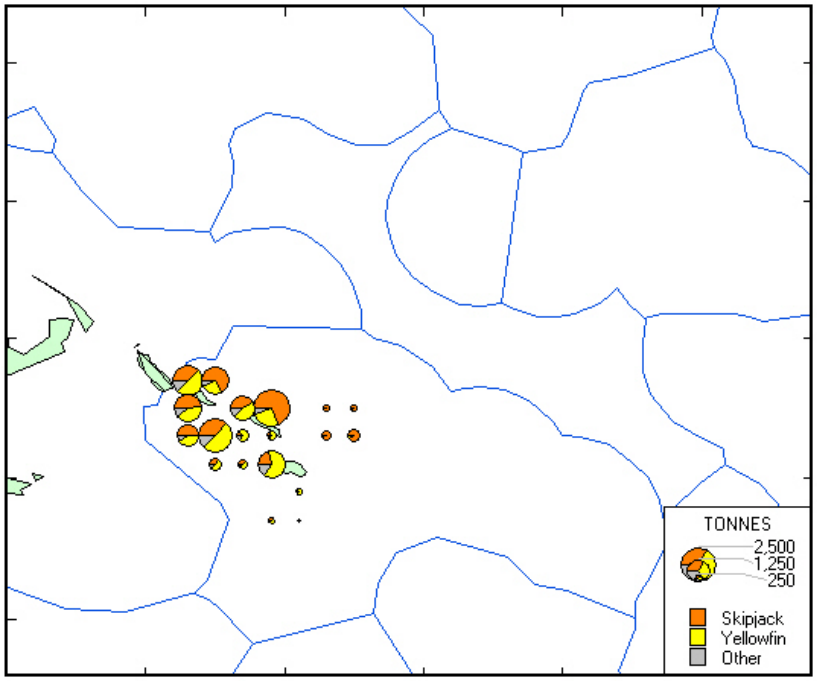

Figure 95. Solomon Islands purse-seiner catch, 2004

PURSE SEINE: SPAIN

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1999	8	154	5,670	36.82	66	1,506	9.78	17	1,437	9.33	17	0	8,613	55.93
2000	12	325	6,427	19.78	50	2,825	8.69	22	3,644	11.21	28	2	12,898	39.69
2001	6	...	1,201	...	50	467	...	19	734	...	31	...	2,402	...
2002	1	5	142	28.40	66	24	4.80	11	48	9.60	22	0	214	42.80
2003	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2004	...	...	3,479	21.59	63	1,196	...	22	842	...	15	...	5,517	...

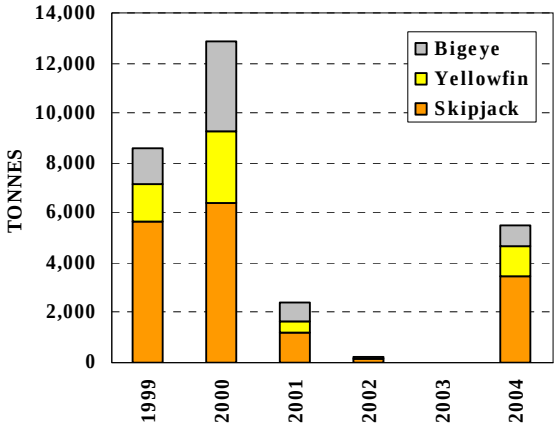

Figure 96. Catches by Spanish purse seiners

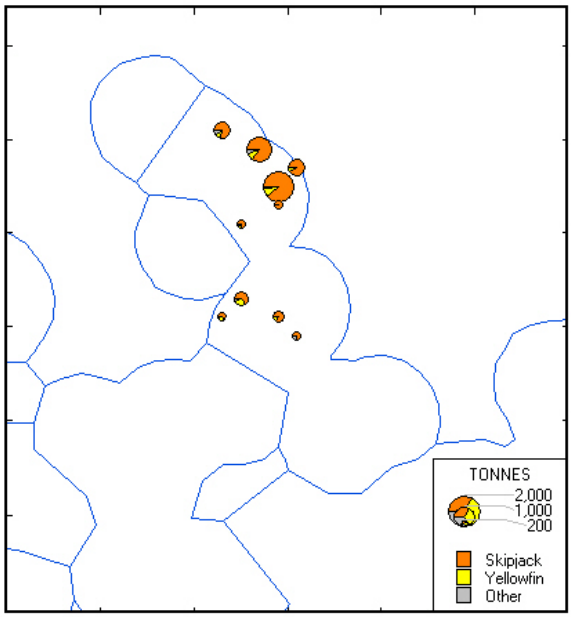

Figure 97. Spanish purse-seiner catch, 2004

PURSE SEINE: CHINESE TAIPEI

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

YEAR	VESSELS ACTIVE	DAYS FISHED	SKIPJACK			YELLOWFIN			BIGEYE			OTHER	TOTAL	
			CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CPUE	%	CATCH	CATCH	CPUE
1983	3	...	9,840	...	82	1,895	...	16	265	...	2	...	12,000	...
1984	6	...	20,160	...	84	3,430	...	14	410	...	2	...	24,000	...
1985	7	...	23,520	...	84	3,993	...	14	487	...	2	...	28,000	...
1986	10	...	34,400	...	86	4,906	...	12	694	...	2	...	40,000	...
1987	13	...	44,720	...	86	6,364	...	12	916	...	2	...	52,000	...
1988	19	...	66,880	...	88	8,024	...	11	1,096	...	1	...	76,000	...
1989	25	...	84,800	...	84	13,732	...	14	2,268	...	2	...	100,800	...
1990	32	...	104,960	...	82	20,494	...	16	2,546	...	2	...	128,000	...
1991	39	...	140,800	...	80	32,026	...	18	3,174	...	2	...	176,000	...
1992	45	...	169,400	...	77	46,275	...	21	4,325	...	2	...	220,000	...
1993	43	...	109,324	10.25	64	58,642	4.44	34	2,733	...	2	...	170,699	14.90
1994	43	...	134,736	14.73	75	43,061	4.86	24	1,762	...	1	...	179,559	19.79
1995	42	...	147,831	16.20	81	33,745	3.72	18	919	...	1	...	182,495	20.02
1996	42	...	161,407	17.41	90	16,172	1.28	9	1,576	...	1	...	179,155	18.82
1997	42	...	115,934	11.91	69	48,792	4.48	29	2,311	...	1	...	167,037	17.08
1998	42	...	193,728	21.22	75	64,764	6.77	25	201	...	0	...	258,693	28.46
1999	42	...	160,453	16.01	78	41,905	3.88	20	3,372	...	2	...	205,730	20.38
2000	42	...	194,499	21.89	83	38,579	4.23	16	1,900	...	1	...	234,978	26.26
2001	41	...	182,531	21.37	79	45,853	5.12	20	2,284	...	1	...	230,668	26.84
2002	41	...	229,415	26.00	89	26,068	2.70	10	2,643	...	1	...	258,126	29.04
2003	34	...	169,492	20.21	84	29,058	3.59	14	2,676	...	1	...	201,226	24.12
2004	34	...	181,524	22.73	92	15,968	1.88	8	730	...	0	...	198,222	24.81

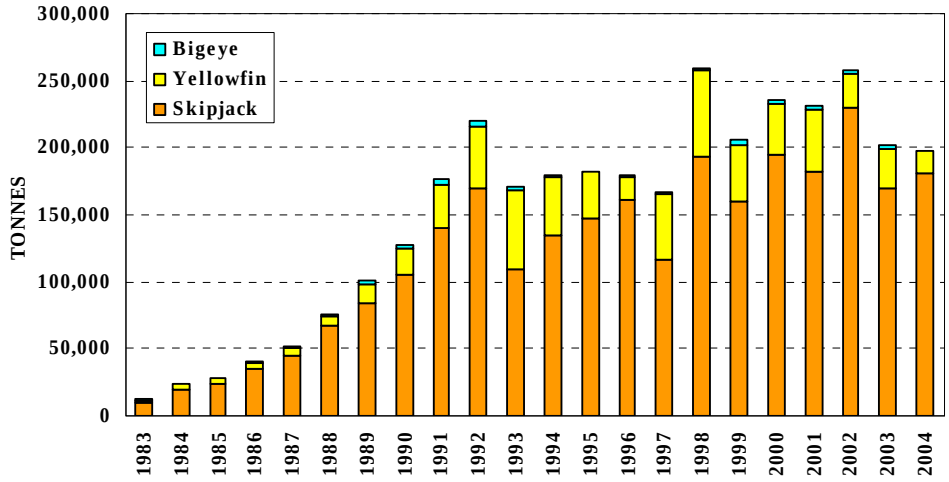

Figure 98. Catches by Chinese Taipei purse seiners

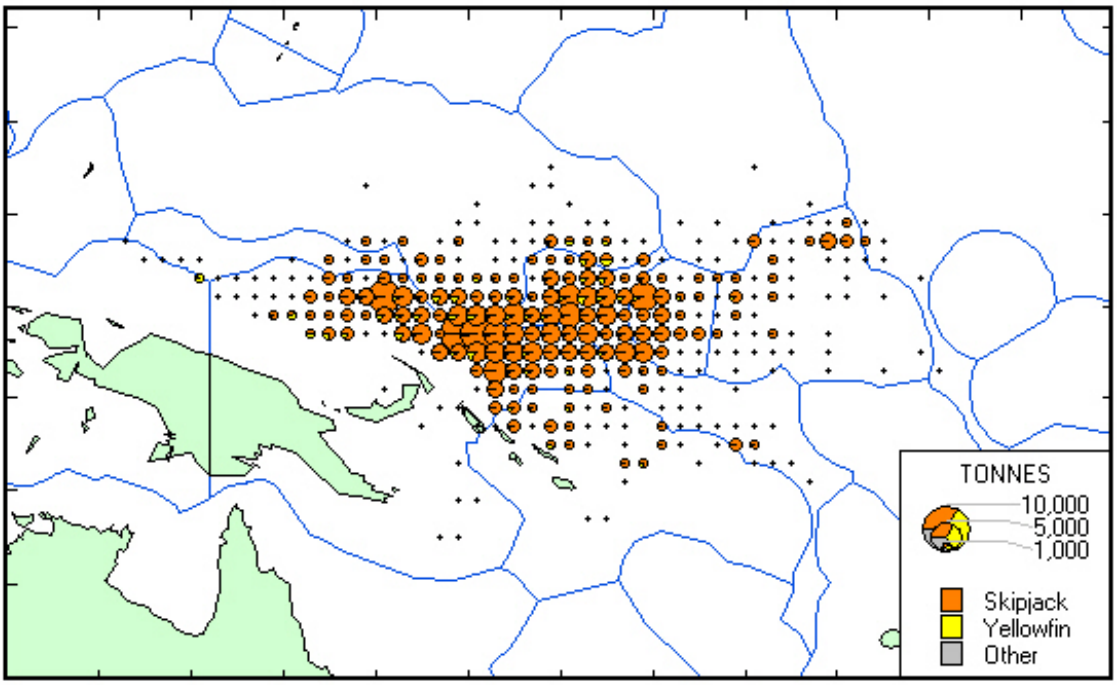

Figure 99. Chinese Taipei purse-seiner catch, 2004

PURSE SEINE: UNITED STATES OF AMERICA

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

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	583	...	7	37	...	0	20	8,640	...
1980	14	...	9,900	...	90	1,027	...	9	73	...	1	...	11,000	...
1981	14	...	21,482	7.32	57	15,212	7.49	40	1,087	...	3	...	37,781	14.81
1982	24	...	49,705	11.61	68	21,456	7.20	30	1,534	...	2	...	72,695	18.81
1983	62	...	124,697	13.70	70	49,922	6.98	28	4,746	...	3	...	179,365	20.67
1984	61	...	113,755	11.18	71	41,553	5.26	26	4,259	...	3	...	159,567	16.44
1985	40	...	83,763	12.80	78	22,495	3.80	21	1,696	...	2	...	107,954	16.60
1986	36	...	87,983	17.90	73	30,684	8.40	25	2,484	...	2	...	121,151	26.30
1987	35	...	77,575	11.60	55	59,592	12.00	42	4,036	...	3	...	141,203	23.60
1988	31	...	93,636	15.37	82	18,832	3.01	16	1,948	...	2	...	114,416	18.38
1989	35	...	95,027	14.59	68	42,886	7.26	31	2,421	...	2	...	140,334	21.85
1990	43	...	110,044	16.66	67	52,089	8.91	32	1,762	...	1	...	163,895	25.57
1991	43	...	177,389	24.78	82	37,330	5.70	17	1,550	...	1	...	216,269	30.48
1992	44	...	155,898	21.48	77	43,693	6.39	22	3,480	...	2	...	203,071	27.87
1993	42	...	148,419	18.29	75	46,011	6.46	23	3,731	...	2	...	198,161	24.75
1994	49	...	151,486	18.61	72	56,426	7.63	27	1,711	...	1	...	209,623	26.24
1995	44	...	132,518	17.39	79	31,845	4.68	19	3,190	...	2	...	167,553	22.07
1996	39	...	120,127	16.93	80	19,417	4.13	13	9,860	...	7	...	149,404	21.05
1997	35	...	79,386	12.06	55	54,638	8.45	38	10,058	...	7	...	144,082	20.51
1998	39	...	131,573	21.64	75	37,678	6.74	22	5,377	...	3	...	174,628	28.38
1999	36	...	129,262	26.77	71	34,529	7.34	19	18,694	...	10	...	182,485	34.11
2000	33	...	81,368	21.01	65	29,961	6.28	24	13,886	...	11	...	125,215	27.29
2001	32	...	85,539	20.18	74	24,143	4.90	21	6,176	...	5	...	115,858	25.08
2002	29	...	88,535	15.86	73	27,191	4.32	23	4,889	...	4	...	120,615	20.69
2003	26	...	62,907	13.37	72	20,079	4.35	23	4,470	...	5	...	87,456	18.25
2004	21	...	47,896	12.62	71	14,492	3.02	21	5,031	...	7	...	67,419	16.39

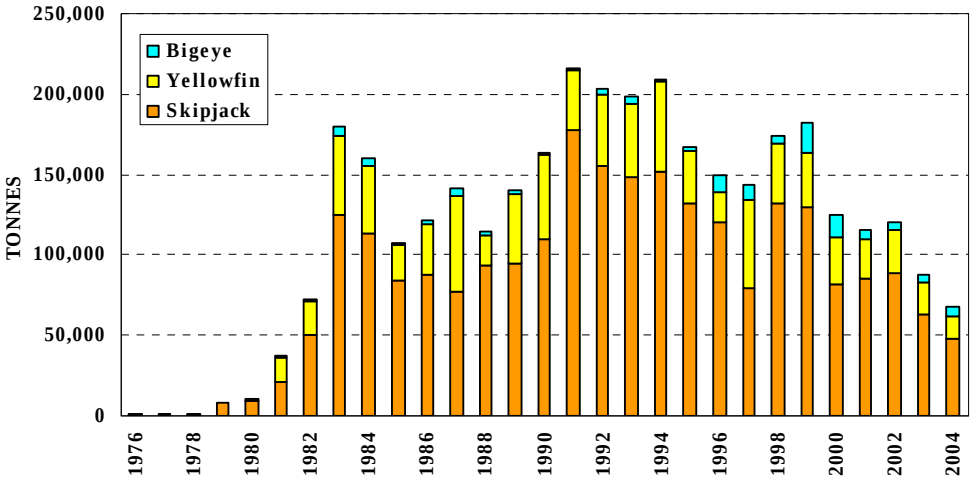

Figure 100. Catches by United States purse seiners

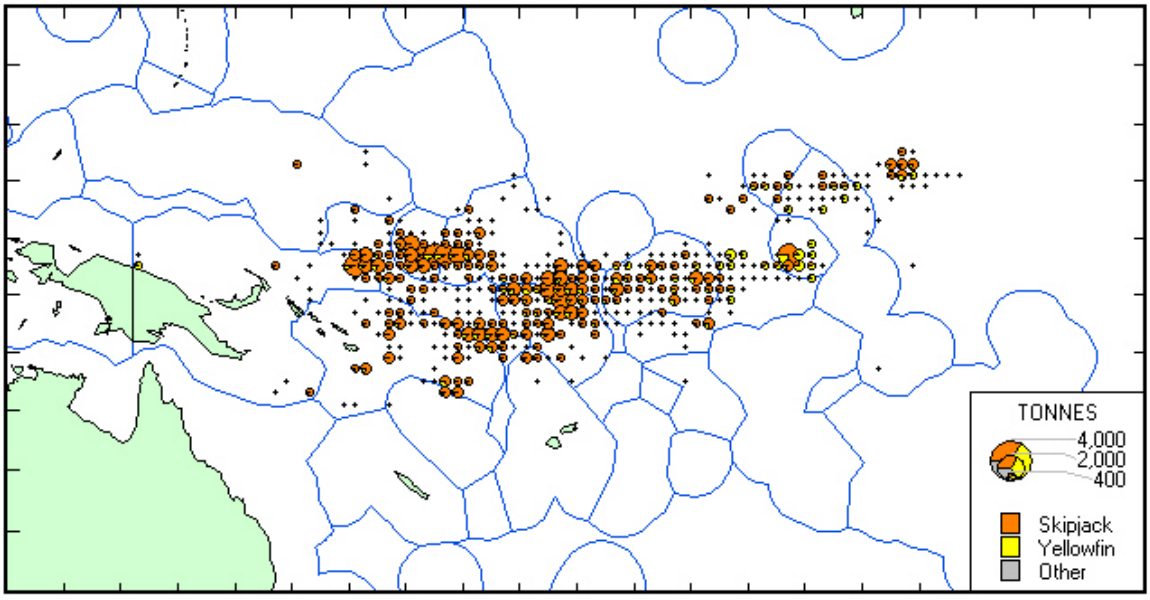

Figure 101. United States purse-seiner catch, 2004

PURSE SEINE: VANUATU

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

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	1,082	3.57	16	92	...	1	...	6,751	17.75
1996	2	...	8,080	14.18	91	641	1.62	7	149	...	2	...	8,870	16.00
1997	5	...	16,685	12.10	65	7,413	5.14	29	1,603	...	6	...	25,701	17.69
1998	5	...	27,442	20.81	74	8,737	7.60	23	1,126	...	3	...	37,305	28.81
1999	7	...	35,106	17.63	76	9,677	4.65	21	1,379	...	3	...	46,162	22.73
2000	8	1,252	34,010	27.16	91	3,326	2.66	9	209	0.17	1	...	37,545	29.99
2001	2	278	8,615	30.99	78	2,363	8.50	21	77	0.28	1	...	11,055	39.77
2002	2	527	17,500	33.21	87	2,377	4.51	12	223	0.42	1	...	20,100	38.14
2003	4	794	19,026	23.96	89	1,956	2.46	9	287	0.36	1	...	21,269	26.79
2004	7	1,530	44,809	29.29	93	3,334	2.18	7	229	0.15	0	7	48,379	31.62

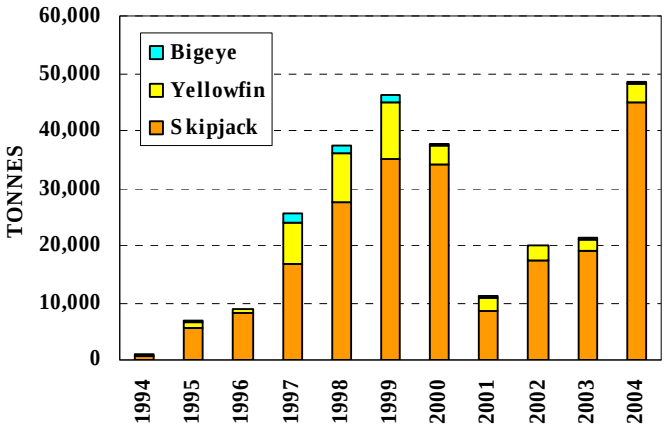

Figure 102. Catches (tonnes) by Vanuatu purse seiners

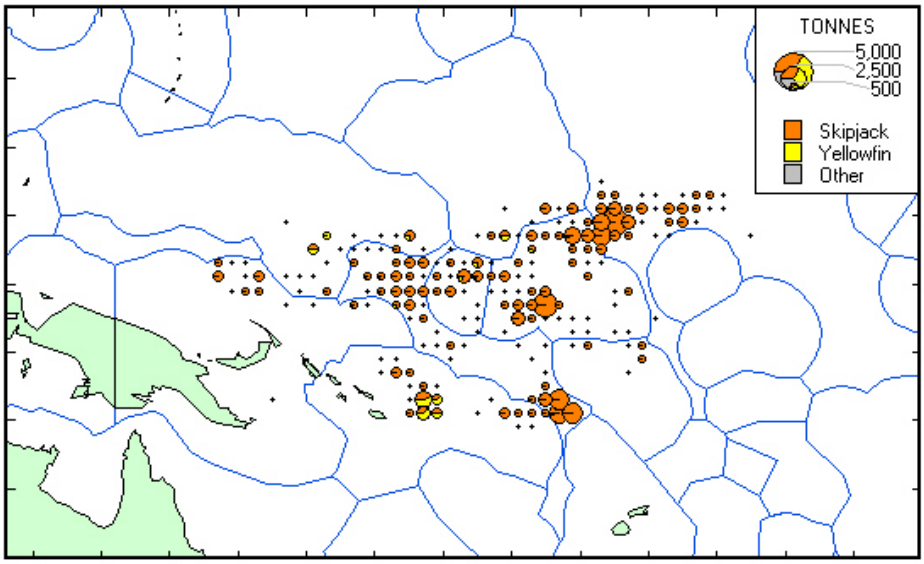

Figure 103. Vanuatu purse-seiner catch, 2004

TROLL: CANADA

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

SEASON	VESSELS ACTIVE	DAYS FISHED	ALBACORE	
			CATCH	CPUE
1987/88	3	...	235	...
1988/89	3	...	235	...
1989/90	3	...	235	...
1990/91	3	...	235	...
1991/92	3	...	235	...
1992/93	3	...	235	...
1993/94	3	...	235	...
1994/95	3	...	235	...
1995/96	3	168	136	117
1996/97	3	171	149	134
1997/98	3	111	167	231
1998/99	5	198	253	111
1999/00	5	335	351	144
2000/01	4	168	207	106
2001/02	4	158	144	123
2002/03	...	...	0	...
2003/04	...	...	63	...

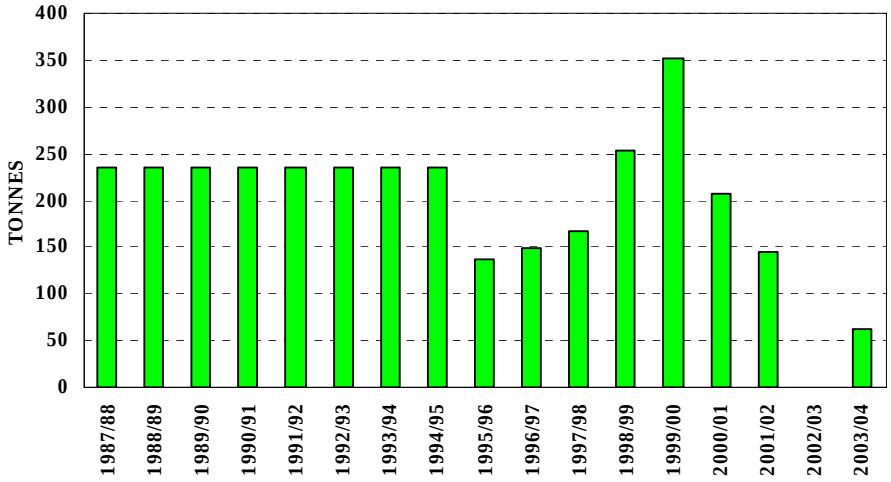

Figure 104. Seasonal catches of albacore by Canadian trollers

TROLL: FRENCH POLYNESIA

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

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

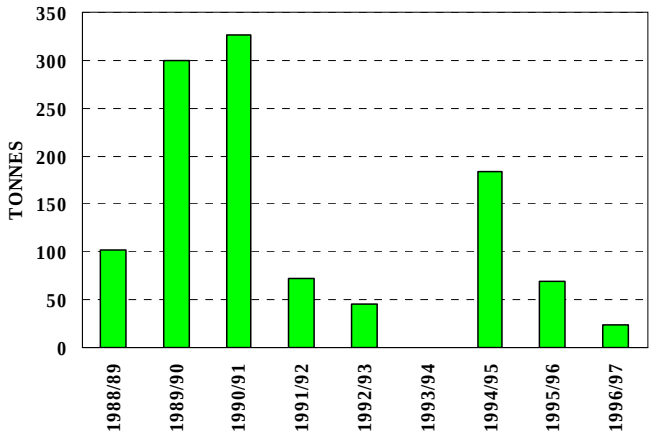

Figure 105. Seasonal catches of albacore by French Polynesian trollers

TROLL: NEW ZEALAND

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

SEASON	VESSELS ACTIVE	DAYS FISHED	ALBACORE	
			CATCH	CPUE
1966/67	...	...	5	...
1967/68	...	...	14	...
1968/69	...	...	...	...
1969/70	...	...	50	...
1970/71	...	...	...	...
1971/72	...	...	268	...
1972/73	...	...	484	...
1973/74	...	...	898	...
1974/75	...	...	646	...
1975/76	...	...	25	...
1976/77	...	...	621	...
1977/78	...	...	1,686	...
1978/79	...	...	814	...
1979/80	...	...	1,468	...
1980/81	...	...	2,085	...
1981/82	...	...	2,434	87
1982/83	...	...	744	46
1983/84	...	...	2,773	25
1984/85	...	...	3,253	40
1985/86	...	...	1,911	42
1986/87	100	...	1,256	64
1987/88	25	...	405	68
1988/89	37	...	4,361	82
1989/90	198	...	2,555	87
1990/91	211	...	2,350	101
1991/92	273	...	3,265	101
1992/93	414	...	2,971	74
1993/94	492	...	4,609	86
1994/95	474	...	5,339	99
1995/96	441	...	5,215	85
1996/97	309	...	2,767	65
1997/98	302	...	4,463	90
1998/99	201	...	1,799	108
1999/00	285	...	3,336	95
2000/01	328	...	3,431	...
2001/02	300	...	3,255	...
2002/03	283	...	4,305	...
2003/04	253	...	4,113	...

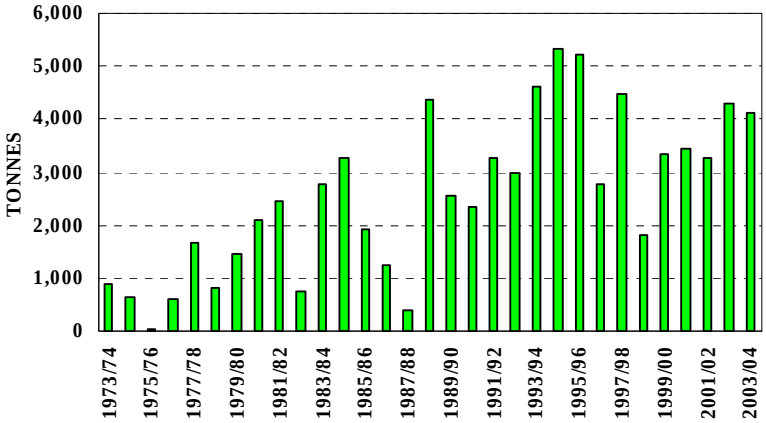

Figure 106. Seasonal catches of albacore by New Zealand trollers

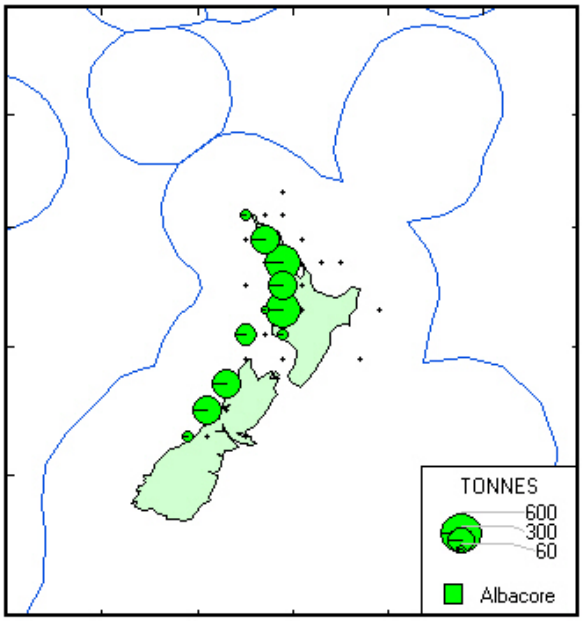

Figure 107. New Zealand troller catch, 2003/04 season

TROLL: UNITED STATES OF AMERICA

Table 58. Albacore catches (tonnes) and catch per unit of effort (number of fish per day) for United States trollers in the South Pacific

SEASON	VESSELS ACTIVE	DAYS FISHED	ALBACORE	
			CATCH	CPUE
1985/86	2	...	92	78
1986/87	7	...	751	175
1987/88	43	...	3,558	157
1988/89	43	...	3,239	135
1989/90	39	...	3,995	163
1990/91	56	...	5,221	103
1991/92	55	...	3,097	69
1992/93	44	...	1,036	45
1993/94	13	...	2,236	96
1994/95	21	...	1,953	150
1995/96	53	...	1,964	71
1996/97	27	...	1,617	83
1997/98	36	...	1,701	53
1998/99	21	...	1,241	83
1999/00	36	...	2,562	71
2000/01	33	...	2,128	47
2001/02	12	...	1,218	46
2002/03	14	...	1,678	220
2003/04	11	...	995	...

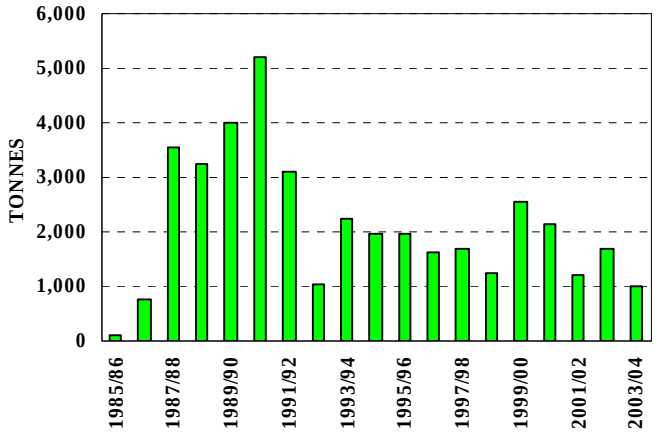

Figure 108. Seasonal catches of albacore by United States trollers in the South Pacific

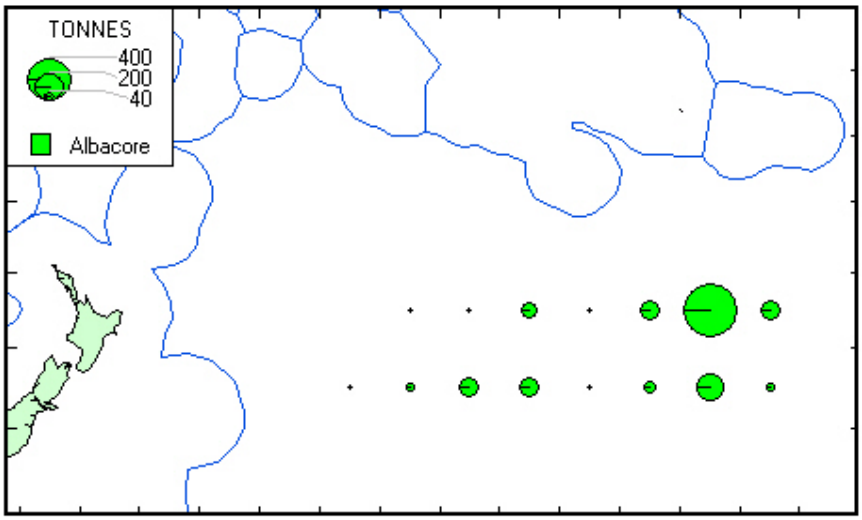

Figure 109. United States troller catch in the South Pacific, 2002/03 season

DOMESTIC FISHERIES OF INDONESIA

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

YEAR	PL	HAND	LL	PS	UNCLASS	TOTAL
1970	...	...	...	...	12,100	12,100
1971	...	...	...	...	12,400	12,400
1972	...	...	...	...	19,600	19,600
1973	...	...	...	...	22,300	22,300
1974	...	...	...	...	23,613	23,613
1975	...	...	...	...	23,316	23,316
1976	...	...	...	...	25,338	25,338
1977	...	...	...	...	26,376	26,376
1978	...	...	...	...	29,422	29,422
1979	...	...	...	...	36,310	36,310
1980	19,676	...	...	5,514	19,055	44,245
1981	20,865	...	...	5,847	20,207	46,919
1982	22,121	...	43	6,199	21,380	49,743
1983	28,609	...	...	8,017	27,706	64,332
1984	42,910	...	...	9,152	18,149	70,211
1985	43,999	...	...	10,187	18,132	72,318
1986	48,305	...	...	7,313	13,225	68,843
1987	49,271	...	...	7,459	13,490	70,220
1988	51,735	...	...	7,823	14,165	73,723
1989	64,763	...	...	7,559	14,873	87,195
1990	70,537	...	...	7,994	15,617	94,148
1991	81,445	...	...	9,230	18,032	108,707
1992	75,455	...	...	10,751	40,413	126,619
1993	77,476	...	...	9,935	29,592	117,003
1994	90,472	...	...	10,698	24,828	125,998
1995	92,910	...	...	10,987	25,497	129,394
1996	101,060	...	...	11,950	27,733	140,743
1997	98,253	...	...	11,618	26,963	136,834
1998	132,828	...	...	15,707	36,451	184,986
1999	143,905	...	...	17,017	39,491	200,413
2000	136,183	...	...	16,104	37,371	189,658
2001	119,417	...	...	14,121	32,771	166,309
2002	116,202	...	...	13,741	31,888	161,831
2003	113,615	...	...	13,435	31,178	158,228
2004	115,181	...	...	13,620	31,609	160,410

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

YEAR	PL	HAND	LL	PS	UNCLASS	TOTAL
1970	...	...	...	...	4,950	4,950
1971	...	...	...	...	5,130	5,130
1972	...	...	...	...	8,100	8,100
1973	...	...	...	...	9,180	9,180
1974	...	...	...	...	9,149	9,149
1975	...	...	...	...	9,956	9,956
1976	456	...	...	...	6,777	7,233
1977	532	...	...	...	9,241	9,773
1978	1,044	...	1,111	...	7,403	9,558
1979	1,716	...	1,164	...	10,334	13,214
1980	2,042	...	1,351	1,959	10,463	15,815
1981	1,814	...	1,651	2,048	14,213	19,726
1982	1,698	...	3,295	1,285	15,654	21,932
1983	1,710	...	958	1,812	13,715	18,195
1984	2,054	2,057	1,526	1,897	16,326	23,860
1985	2,110	2,322	2,254	1,896	18,117	26,699
1986	2,050	2,502	2,227	1,485	22,703	30,967
1987	2,091	2,553	8,458	1,515	22,259	36,876
1988	2,195	2,650	8,881	1,590	23,739	39,055
1989	3,198	2,492	4,683	2,268	28,211	40,852
1990	3,990	2,921	5,034	2,399	29,057	43,401
1991	5,660	4,029	6,365	2,586	35,643	54,283
1992	5,887	5,389	7,017	2,435	40,698	61,426
1993	4,767	4,363	5,410	3,926	32,953	51,419
1994	6,291	6,740	5,041	5,288	40,630	63,990
1995	6,694	7,172	5,364	5,627	43,233	68,090
1996	7,960	8,528	6,378	6,691	51,408	80,965
1997	6,654	7,128	5,331	5,592	42,970	67,675
1998	8,230	8,816	6,594	6,917	53,150	83,707
1999	8,503	9,110	6,813	7,147	54,917	86,490
2000	9,636	10,324	7,721	8,099	62,234	98,014
2001	8,744	9,368	7,006	7,349	56,472	88,939
2002	9,432	10,104	7,557	7,927	60,913	95,933
2003	8,285	8,875	6,637	6,962	53,504	84,263
2004	8,499	9,105	6,810	7,143	54,888	86,445

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

YEAR	PL	HAND	LL	PS	UNCLASS	TOTAL
1970	...	...	...	...	550	550
1971	...	...	...	...	570	570
1972	...	...	...	...	900	900
1973	...	...	...	...	1,020	1,020
1974	...	...	...	...	1,017	1,017
1975	...	...	...	...	1,106	1,106
1976	51	...	...	...	753	804
1977	59	...	...	...	1,027	1,086
1978	116	...	105	...	823	1,044
1979	191	...	110	...	1,148	1,449
1980	227	...	127	218	1,163	1,735
1981	202	...	155	228	1,579	2,164
1982	189	...	310	143	1,739	2,381
1983	190	...	90	201	1,524	2,005
1984	228	194	144	211	1,814	2,591
1985	234	218	212	211	2,013	2,888
1986	228	235	210	165	2,523	3,361
1987	232	240	796	168	2,473	3,909
1988	244	249	836	177	2,638	4,144
1989	355	234	441	252	3,135	4,417
1990	443	275	474	267	3,229	4,688
1991	629	379	599	287	3,960	5,854
1992	654	507	660	271	4,522	6,614
1993	530	411	509	436	3,661	5,547
1994	699	634	474	588	4,514	6,909
1995	744	675	505	625	4,804	7,353
1996	884	802	600	743	5,712	8,741
1997	739	671	502	621	4,774	7,307
1998	914	830	620	769	5,906	9,039
1999	945	857	641	794	6,102	9,339
2000	1,071	971	727	900	6,915	10,584
2001	972	881	659	817	6,275	9,604
2002	1,048	951	711	881	6,768	10,359
2003	921	835	625	774	5,945	9,100
2004	944	857	641	794	6,099	9,335

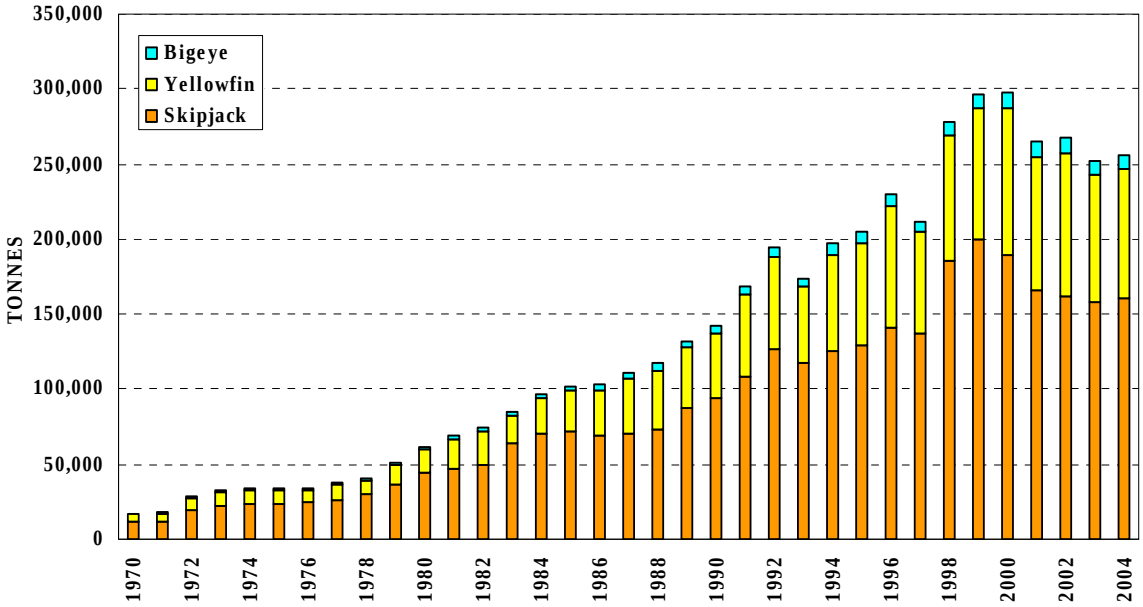

Figure 110. Catches by Indonesian domestic fisheries

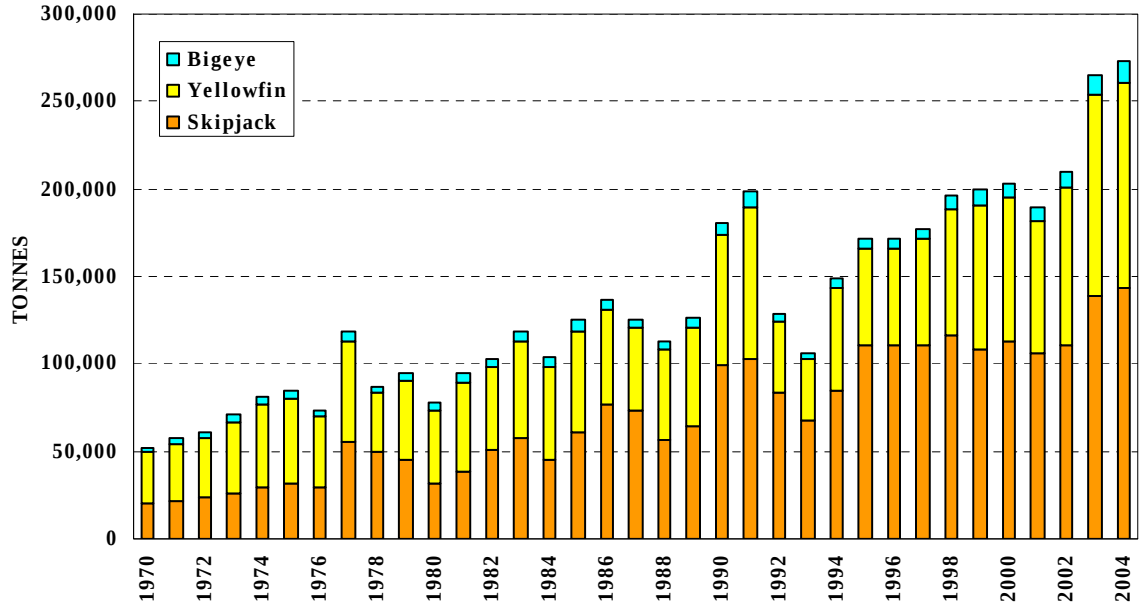

Figure 111. Catches by Philippines domestic fisheries

DOMESTIC FISHERIES OF THE PHILIPPINES

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

YEAR	GILL	HOOK	LL	PS	RING	UNCLASS	TOTAL
1970	5,747	5,301	1,072	2,811	3,051	2,018	20,000
1971	6,149	5,672	1,147	3,007	3,265	2,160	21,400
1972	6,753	6,229	1,260	3,303	3,585	2,370	23,500
1973	7,586	6,997	1,415	3,710	4,028	2,664	26,400
1974	8,464	7,807	1,579	4,140	4,494	2,972	29,456
1975	9,096	8,391	1,697	4,449	4,830	3,194	31,657
1976	8,246	7,607	1,539	4,444	4,891	2,447	29,174
1977	14,608	13,475	2,725	15,647	4,765	3,870	55,090
1978	14,286	13,178	2,665	6,987	7,585	5,017	49,718
1979	3,677	10,006	2,004	22,426	5,702	1,269	45,084
1980	4,331	9,383	315	13,240	3,351	558	31,178
1981	2,995	14,406	440	14,048	4,683	1,867	38,439
1982	2,437	7,735	530	26,607	4,081	9,405	50,795
1983	1,815	8,999	546	36,645	4,210	4,936	57,151
1984	988	9,287	527	24,247	8,538	1,084	44,671
1985	2,183	10,309	735	28,477	14,303	4,529	60,536
1986	2,851	13,683	590	38,982	18,343	2,519	76,968
1987	2,656	14,627	2,019	39,125	11,873	3,449	73,749
1988	2,015	11,095	1,531	29,677	9,006	2,616	55,940
1989	2,328	12,823	1,770	34,300	10,409	3,024	64,654
1990	8,125	9,444	932	53,751	19,045	8,408	99,705
1991	8,257	9,598	657	62,078	14,612	7,192	102,394
1992	6,249	7,264	717	43,607	18,721	6,621	83,179
1993	1,452	8,351	463	34,555	19,231	4,029	68,081
1994	2,954	8,106	1,102	48,469	17,721	6,208	84,560
1995	1,202	11,655	756	61,185	31,166	4,147	110,111
1996	1,201	11,644	755	61,126	31,136	4,142	110,004
1997	1,202	11,654	756	61,178	31,162	4,145	110,097
1998	1,274	12,350	801	64,832	33,024	4,392	116,673
1999	1,188	11,514	747	60,445	30,789	4,095	108,778
2000	1,234	11,962	776	62,797	31,987	4,255	113,011
2001	1,152	11,166	724	58,614	29,857	3,971	105,484
2002	1,201	11,641	755	61,111	31,128	4,141	109,977
2003	1,510	14,641	949	76,860	39,150	5,209	138,319
2004	1,563	15,152	982	79,540	40,516	5,390	143,143

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

YEAR	GILL	HOOK	LL	PS	RING	UNCLASS	TOTAL
1970	2,304	19,175	537	4,277	1,511	1,300	29,104
1971	2,578	21,452	601	4,784	1,690	1,454	32,559
1972	2,678	22,291	625	4,972	1,757	1,510	33,833
1973	3,203	26,664	748	5,947	2,102	1,808	40,472
1974	3,724	30,998	869	6,914	2,444	2,101	47,050
1975	3,801	31,634	887	7,055	2,493	2,146	48,016
1976	3,202	26,651	748	5,945	2,100	1,806	40,452
1977	4,540	37,785	1,059	8,428	2,978	2,562	57,352
1978	4,426	22,796	630	3,720	910	1,719	34,201
1979	1,824	29,230	829	7,884	3,190	1,808	44,765
1980	2,071	26,721	1,076	7,369	3,852	1,036	42,125
1981	2,390	29,480	1,480	12,909	3,459	1,319	51,037
1982	1,247	27,261	1,734	14,659	1,251	1,103	47,255
1983	1,134	29,610	2,581	15,676	3,028	3,707	55,736
1984	1,945	28,339	1,174	16,855	3,839	1,337	53,489
1985	1,836	32,452	1,663	13,843	5,595	3,004	58,393
1986	1,923	33,076	2,204	11,376	4,461	1,065	54,105
1987	1,945	24,137	3,449	13,654	2,627	1,242	47,054
1988	1,983	29,326	2,897	12,830	3,633	1,184	51,853
1989	2,159	31,940	3,156	13,973	3,957	1,288	56,473
1990	2,542	45,061	2,015	14,515	3,760	5,824	73,717
1991	2,996	53,113	2,375	17,109	4,431	6,864	86,888
1992	1,582	22,101	1,114	10,895	2,447	2,742	40,881
1993	1,026	24,139	954	4,001	1,411	3,234	34,765
1994	3,825	34,519	1,291	12,275	3,180	3,135	58,225
1995	1,493	32,595	1,214	13,402	3,472	3,208	55,384
1996	1,501	32,768	1,220	13,473	3,490	3,225	55,677
1997	1,650	36,009	1,341	14,806	3,835	3,544	61,185
1998	1,940	42,358	1,578	17,416	4,511	4,168	71,971
1999	2,213	48,314	1,799	19,865	5,145	4,756	82,092
2000	2,213	48,300	1,799	19,859	5,144	4,753	82,068
2001	2,047	44,682	1,663	18,372	4,758	4,397	75,919
2002	2,444	53,362	1,987	21,941	5,683	5,252	90,669
2003	3,117	68,038	2,534	27,975	7,246	6,696	115,606
2004	3,173	69,275	2,579	28,483	7,377	6,818	117,705

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

YEAR	GILL	HOOK	LL	PS	RING	UNCLASS	TOTAL
1970	256	1,804	51	475	166	144	2,896
1971	286	2,018	57	532	186	162	3,241
1972	298	2,097	59	552	193	168	3,367
1973	356	2,509	70	661	231	201	4,028
1974	414	2,917	82	768	268	233	4,682
1975	422	2,976	83	784	274	238	4,777
1976	356	2,508	70	661	231	201	4,027
1977	504	3,555	100	936	327	285	5,707
1978	492	2,145	59	413	100	191	3,400
1979	203	2,750	78	876	351	201	4,459
1980	230	2,514	101	819	423	115	4,202
1981	266	2,774	139	1,434	380	147	5,140
1982	139	2,565	163	1,629	137	123	4,756
1983	126	2,786	243	1,742	333	412	5,642
1984	216	2,666	110	1,873	422	149	5,436
1985	204	3,053	156	1,538	615	334	5,900
1986	214	3,112	207	1,264	490	118	5,405
1987	216	2,271	325	1,517	289	138	4,756
1988	220	2,759	273	1,426	399	132	5,209
1989	240	3,005	297	1,553	435	143	5,673
1990	282	4,240	190	1,613	413	647	7,385
1991	333	4,998	224	1,901	487	763	8,706
1992	176	2,080	105	1,211	269	305	4,146
1993	114	2,271	90	445	155	359	3,434
1994	425	3,248	121	1,364	349	348	5,855
1995	166	3,067	114	1,489	381	356	5,573
1996	167	3,083	115	1,497	383	358	5,603
1997	183	3,388	126	1,645	421	394	6,157
1998	216	3,986	148	1,935	496	463	7,244
1999	246	4,546	169	2,207	565	528	8,261
2000	246	4,545	169	2,207	565	528	8,260
2001	227	4,204	157	2,041	523	489	7,641
2002	272	5,021	187	2,438	624	584	9,126
2003	346	6,402	238	3,108	796	744	11,634
2004	353	6,518	243	3,165	811	758	11,848

NUMBERS OF VESSELS ACTIVE IN THE WCPFC STATISTICAL AREA

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

YEAR	AMERICAN SAMOA	AUSTRALIA DOMESTIC	AUSTRALIA-JAPAN JOINT VENTURE	CHINA	COOK ISLANDS	FEDERATED STATES OF MICRONESIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA
1960	-	-	-	-	-	-	-	-	...
1961	-	-	-	-	-	-	-	-	...
1962	-	-	-	-	-	-	-	-	...
1963	-	-	-	-	-	-	-	-	...
1964	-	-	-	-	-	-	-	-	...
1965	-	-	-	-	-	-	-	-	...
1966	-	-	-	-	-	-	-	-	...
1967	-	-	-	-	-	-	-	-	...
1968	-	-	-	-	-	-	-	-	...
1969	-	-	-	-	-	-	-	-	...
1970	-	-	-	-	-	-	-	-	...
1971	-	-	-	-	-	-	-	-	...
1972	-	-	-	-	-	-	-	-	...
1973	-	-	-	-	-	-	-	-	...
1974	-	-	-	-	-	-	-	-	...
1975	-	-	-	-	-	-	-	-	...
1976	-	-	-	-	-	-	-	-	...
1977	-	-	-	-	-	-	-	-	...
1978	-	-	-	-	-	-	-	-	...
1979	-	-	-	-	-	-	-	-	...
1980	-	-	-	-	-	-	-	-	...
1981	-	-	-	-	-	-	-	-	...
1982	-	-	-	-	-	-	-	-	...
1983	-	-	-	-	-	-	-	-	...
1984	-	-	-	-	-	-	-	-	...
1985	-	4	-	-	-	-	-	-	28
1986	-	32	-	-	-	-	-	-	63
1987	-	133	-	-	-	-	-	-	79
1988	-	134	-	7	-	-	-	-	70
1989	-	124	20	9	-	-	4	-	138
1990	-	117	14	23	-	-	6	2	151
1991	-	111	29	39	-	3	9	8	145
1992	-	124	56	72	-	8	18	25	141
1993	-	109	66	311	-	7	22	50	309
1994	-	110	52	456	2	10	37	66	293
1995	3	109	21	422	3	11	48	65	(293)
1996	12	119	-	325	2	9	42	59	(293)
1997	21	137	-	144	...	15	34	60	(293)
1998	25	156	-	124	1	23	39	54	(293)
1999	29	145	-	115	2	26	43	57	(293)
2000	37	140	-	106	...	26	61	57	(293)
2001	67	(140)	-	116	1	23	95	57	(293)
2002	60	144	-	123	19	22	103	54	(293)
2003	51	146	-	179	44	25	101	64	(293)
2004	40	124	-	(179)	33	26	84	75	(293)

Table 65 (continued). Longliners active in the WCPFC Statistical Area

YEAR	JAPAN COASTAL	JAPAN DISTANT WATER	JAPAN OFFSHORE	KIRIBATI	MARSHALL ISLANDS	NAURU	NEW CALEDONIA	NEW ZEALAND	PALAU
1960	843	1,842		-	-	-	-	-	-
1961	694	1,935		-	-	-	-	-	-
1962	660	1,843		-	-	-	-	-	-
1963	774	1,901		-	-	-	-	-	-
1964	610	1,793		-	-	-	-	-	-
1965	696	1,696		-	-	-	-	-	-
1966	147	1,730		-	-	-	-	-	-
1967	147	1,762		-	-	-	-	-	-
1968	231	1,760		-	-	-	-	-	-
1969	895	1,663		-	-	-	-	-	-
1970	890	973	580	-	-	-	-	-	-
1971	908	998	564	-	-	-	-	-	-
1972	940	942	489	-	-	-	-	-	-
1973	959	917	511	-	-	-	-	-	-
1974	518	962	554	-	-	-	-	-	-
1975	720	883	535	-	-	-	-	-	-
1976	827	840	556	-	-	-	-	-	-
1977	726	842	586	-	-	-	-	-	-
1978	669	847	633	-	-	-	-	-	-
1979	648	860	635	-	-	-	-	-	-
1980	821	883	637	-	-	-	-	-	-
1981	774	892	630	-	-	-	-	-	-
1982	722	802	554	-	-	-	-	-	-
1983	561	747	523	-	-	-	1	-	-
1984	523	810	478	-	-	-	2	-	-
1985	620	823	476	-	-	-	3	-	-
1986	536	818	442	-	-	-	2	-	-
1987	661	819	398	-	-	-	3	-	-
1988	586	807	385	-	-	-	4	-	-
1989	650	806	353	-	-	-	4	...	-
1990	685	791	362	-	-	-	7	13	-
1991	768	790	332	-	-	-	6	22	-
1992	793	768	302	-	2	-	4	27	1
1993	790	767	272	-	5	-	4	42	1
1994	819	749	255	-	2	-	5	59	1
1995	738	744	222	1	4	-	8	93	...
1996	711	703	200	1	...	-	8	82	...
1997	698	695	180	...	-	-	9	62	1
1998	712	679	164	...	-	-	11	86	...
1999	703	618	152	...	-	-	13	92	...
2000	735	496	187	1	-	1	14	112	3
2001	781	494	186	1	-	1	18	132	9
2002	784	484	179	1	-	2	25	156	1
2003	(784)	(484)	(179)	2	-	3	28	132	1
2004	(784)	(484)	(179)	...	-	2	27	99	1

Table 65 (continued). Longliners active in the WCPFC Statistical Area

YEAR	PAPUA NEW GUINEA	PHILIPPINES	REPUBLIC OF KOREA	SAMOA	SOLOMON ISLANDS	SPAIN	CHINESE TAIPEI DISTANT WATER	CHINESE TAIPEI OFFSHORE DOMESTIC	CHINESE TAIPEI OFFSHORE FOREIGN
1960	-	...	3	-	-	-	...	...	-
1961	-	...	2	-	-	-	...	...	-
1962	-	...	5	-	-	-	...	...	-
1963	-	...	10	-	-	-	...	...	-
1964	-	...	16	-	-	-	12	...	-
1965	-	...	33	-	-	-	23	...	-
1966	-	...	55	-	-	-	76	...	-
1967	-	...	69	-	-	-	...	...	-
1968	-	...	85	-	-	-	...	...	-
1969	-	...	76	-	-	-	...	...	-
1970	-	...	105	-	-	-	...	829	-
1971	-	...	122	-	-	-	...	863	-
1972	-	...	178	-	-	-	...	899	-
1973	-	...	222	-	2	-	...	1,255	-
1974	-	...	270	-	-	-	...	1,451	-
1975	-	...	253	-	-	-	92	1,411	-
1976	-	...	257	-	2	-	194	1,331	-
1977	-	...	217	-	2	-	176	1,382	-
1978	-	...	223	-	2	-	168	1,670	-
1979	-	...	216	-	2	-	157	1,840	-
1980	-	...	211	-	2	-	182	1,900	-
1981	-	...	209	-	2	-	140	1,846	-
1982	-	61	121	-	2	-	115	1,831	-
1983	-	62	102	-	2	-	65	1,872	-
1984	-	62	96	-	2	-	61	1,944	-
1985	-	55	94	-	2	-	44	2,129	-
1986	-	41	134	-	-	-	51	2,084	-
1987	-	62	138	-	-	-	60	2,207	...
1988	-	27	124	-	-	-	70	1,977	...
1989	-	3	152	-	-	-	85	1,671	...
1990	-	26	182	-	-	-	52	1,139	...
1991	-	12	220	-	-	-	74	800	...
1992	-	10	166	-	-	-	88	1,898	...
1993	1	10	148	17	-	-	72	1,791	254
1994	4	10	160	25	-	-	67	1,753	355
1995	11	10	154	45	9	-	62	1,603	366
1996	7	10	156	90	13	-	56	1,274	420
1997	8	(10)	148	170	18	-	53	1,877	361
1998	28	9	169	200	21	-	64	1,712	281
1999	47	13	171	175	16	-	65	1,696	281
2000	57	14	176	154	14	-	78	(1,696)	284
2001	51	(14)	177	149	8	-	101	(1,696)	(284)
2002	50	(14)	184	68	8	-	133	(1,696)	(284)
2003	51	(14)	165	24	12	-	142	1,060	(284)
2004	50	(14)	(165)	(24)	(12)	8	137	1,060	(284)

Table 65 (continued). Longliners active in the WCPFC Statistical Area

YEAR	TONGA	UNITED STATES	VANUATU	TOTAL
1960	-	38	-	...
1961	-	36	-	...
1962	-	35	-	...
1963	-	32	-	...
1964	-	31	-	...
1965	-	30	-	...
1966	-	28	-	...
1967	-	26	-	...
1968	-	22	-	...
1969	-	23	-	...
1970	-	24	-	3,401
1971	-	23	-	3,478
1972	-	23	-	3,471
1973	-	18	-	3,884
1974	-	17	-	3,772
1975	-	16	-	3,910
1976	-	16	-	4,023
1977	-	17	-	3,948
1978	-	19	-	4,231
1979	-	17	-	4,375
1980	-	22	-	4,658
1981	-	25	-	4,518
1982	1	27	-	4,236
1983	1	32	-	3,968
1984	1	34	-	4,013
1985	1	36	-	4,315
1986	1	39	-	4,243
1987	1	37	-	4,598
1988	1	50	-	4,242
1989	1	88	-	4,108
1990	1	138	-	3,709
1991	1	78	-	3,447
1992	1	124	-	4,627
1993	6	124	-	5,177
1994	5	127	-	5,421
1995	7	117	2	5,171
1996	7	110	3	4,712
1997	8	117	1	5,119
1998	10	121	1	4,983
1999	13	133	...	4,898
2000	14	132	...	4,885
2001	21	125	...	5,031
2002	35	123	26	5,070
2003	29	129	33	4,458
2004	22	(129)	31	4,365

Table 66. Pole-and-line vessels active in the WCPFC Statistical Area. 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
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	-
1991	16	10	106	872	2,277	82	160	3	-
1992	12	11	100	849	2,093	63	153	3	-
1993	12	9	70	823	1,927	59	144	3	-
1994	10	10	70	820	1,830	63	122	3	-
1995	11	9	77	(820)	481	62	112	3	-
1996	16	7	75	(820)	512	60	105	...	-
1997	15	5	70	(820)	436	62	101	...	-
1998	7	1	72	(820)	382	62	101	-	-
1999	4	1	74	(820)	416	64	99	-	-
2000	4	1	63	(820)	358	160		-	-
2001	2	2	60	(820)	286	155		-	-
2002	2	2	55	(820)	252	150		-	-
2003	0	1	54	(820)	(252)	(151)		-	-
2004	1	1	52	(820)	(252)	(151)		-	-

Table 66 (continued). Pole-and-line vessels active in the WCPFC Statistical Area

YEAR	NEW ZEALAND	PALAU	PAPUA NEW GUINEA	SOLOMON ISLANDS	TUVALU	UNITED STATES	TOTAL
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	3	1	-	31	1	...	3,569
1991	3	0	-	32	1	...	3,562
1992	1	1	-	32	1	...	3,319
1993	7	...	-	27	-	...	3,081
1994	13	...	-	27	-	...	2,968
1995	15	...	-	32	-	7	1,629
1996	9	...	-	34	-	8	1,646
1997	3	...	-	31	-	8	1,551
1998	2	...	-	28	-	7	1,482
1999	5	...	-	27	-	7	1,517
2000	4	...	-	18	-	7	1,435
2001	3	...	-	12	-	6	1,346
2002	3	...	-	12	-	6	1,302
2003	2	...	-	12	-	6	1,298
2004	4	...	-	10	-	6	1,297

Table 67. Purse seiners active in the WCPFC Statistical Area. Symbols: '…' = missing data; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA DOMESTIC	AUSTRALIA DISTANT WATER	CHINA	FEDERATED STATES OF MICRONESIA	INDONESIA DOMESTIC	INDONESIA DISTANT WATER	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI
1960	-	-	-	-	...	-	...	...	-
1961	-	-	-	-	...	-	...	...	-
1962	-	-	-	-	...	-	...	...	-
1963	-	-	-	-	...	-	...	...	-
1964	-	-	-	-	...	-	...	...	-
1965	-	-	-	-	...	-	...	...	-
1966	-	-	-	-	...	-	...	...	-
1967	-	-	-	-	...	-	...	...	-
1968	-	-	-	-	...	-	...	...	-
1969	-	-	-	-	...	-	64	4	-
1970	...	-	-	-	...	-	62	6	-
1971	...	-	-	-	...	-	62	6	-
1972	...	-	-	-	...	-	65	7	-
1973	...	-	-	-	...	-	56	6	-
1974	...	-	-	-	...	-	52	10	-
1975	...	-	-	-	...	-	52	12	-
1976	...	-	-	-	...	-	53	15	-
1977	...	-	-	-	...	-	50	14	-
1978	3	-	-	-	...	-	47	14	-
1979	2	-	-	-	...	-	46	17	-
1980	1	-	-	-	...	-	50	16	-
1981	2	-	-	-	...	-	50	23	-
1982	5	-	-	-	...	-	52	33	-
1983	6	-	-	-	...	-	59	36	-
1984	4	-	-	-	...	...	54	33	-
1985	2	-	-	-	...	...	47	35	-
1986	0	-	-	-	...	3	53	38	-
1987	1	-	-	-	...	3	47	34	-
1988	0	3	-	-	...	3	48	39	-
1989	3	1	-	-	...	3	43	37	-
1990	1	8	-	-	...	...	43	35	-
1991	6	6	-	6	...	-	38	35	-
1992	13	2	-	7	...	-	31	38	-
1993	7	1	-	7	...	-	27	36	-
1994	4	-	-	8	...	-	23	33	1
1995	3	-	-	6	...	-	20	31	1
1996	4	-	-	4	...	-	21	32	1
1997	5	-	-	4	...	-	20	35	1
1998	4	-	-	3	...	-	20	35	1
1999	6	-	-	4	...	-	22	36	1
2000	8	-	-	5	...	-	23	37	1
2001	3	-	1	5	...	-	19	36	1
2002	3	-	3	8	...	-	18	35	1
2003	2	-	4	8	...	-	(18)	(35)	1
2004	3	-	(4)	6	...	-	(18)	(35)	1

Table 67 (continued). Purse seiners active in the WCPFC Statistical Area

YEAR	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE & RINGNET	PHILIPPINES DISTANT WATER	REPUBLIC OF KOREA	RUSSIA	SOLOMON ISLANDS
1960	-	-	-	-	...	-	-	-	-
1961	-	-	-	-	...	-	-	-	-
1962	-	-	-	-	...	-	-	-	-
1963	-	-	-	-	...	-	-	-	-
1964	-	-	-	-	...	-	-	-	-
1965	-	-	-	-	...	-	-	-	-
1966	-	-	-	-	...	-	-	-	-
1967	-	-	-	-	...	-	-	-	-
1968	-	-	-	-	...	-	-	-	-
1969	-	-	-	-	...	-	-	-	-
1970	-	-	-	-	...	-	-	-	-
1971	-	-	-	-	...	-	-	-	-
1972	-	-	-	-	...	-	-	-	-
1973	-	-	-	-	...	-	-	-	-
1974	-	-	-	-	...	-	-	-	-
1975	-	-	...	-	...	-	-	-	-
1976	-	-	...	-	...	-	-	-	-
1977	-	-	...	-	...	-	-	-	-
1978	-	-	...	-	...	-	-	-	-
1979	-	-	...	-	...	-	-	-	-
1980	-	-	...	-	570	-	2	-	1
1981	-	-	...	-	697	-	3	-	1
1982	-	-	...	-	785	1	10	-	1
1983	-	-	7	-	686	-	11	-	1
1984	-	1	5	-	712	3	12	-	1
1985	-	5	5	-	724	5	11	5	1
1986	-	-	4	-	685	5	13	8	1
1987	-	-	3	-	813	5	20	5	2
1988	-	-	4	-	779	9	23	5	4
1989	-	-	1	-	198	13	30	5	4
1990	-	-	9	-	549	13	39	5	4
1991	-	-	6	-	546	15	36	4	3
1992	-	-	7	-	407	12	36	3	3
1993	-	-	5	-	399	12	34	8	3
1994	-	-	7	2	(399)	11	32	4	3
1995	-	-	6	3	(399)	13	30	...	3
1996	-	-	6	4	(399)	12	28	...	3
1997	-	-	7	10	(399)	12	27	...	4
1998	-	-	6	13	127	13	26	...	4
1999	-	-	6	17	191	10	26	...	5
2000	5	-	8	20	164	9	26	...	5
2001	5	-	11	22	(164)	10	26	...	2
2002	5	-	11	26	(164)	11	26	...	2
2003	6	-	9	28	(164)	10	27	...	3
2004	6	-	11	37	(164)	10	28	...	14

Table 67 (continued). Purse seiners active in the WCPFC Statistical Area

YEAR	SPAIN	CHINESE TAIPEI	UNITED STATES	VANUATU	TOTAL
1960	-	-	-	-	...
1961	-	-	-	-	...
1962	-	-	-	-	...
1963	-	-	-	-	...
1964	-	-	-	-	...
1965	-	-	-	-	...
1966	-	-	-	-	...
1967	-	-	-	-	...
1968	-	-	-	-	...
1969	-	-	-	-	...
1970	-	-	-	-	...
1971	-	-	-	-	...
1972	-	-	-	-	...
1973	-	-	-	-	...
1974	-	-	-	-	...
1975	-	-	-	-	...
1976	-	-	3	-	...
1977	-	-	1	-	...
1978	-	-	2	-	...
1979	-	-	8	-	...
1980	-	-	14	-	654
1981	-	-	14	-	790
1982	-	-	24	-	911
1983	-	3	62	-	871
1984	-	6	61	-	892
1985	-	7	40	-	887
1986	-	10	36	-	856
1987	-	13	35	-	981
1988	-	19	31	-	967
1989	-	25	35	-	398
1990	-	32	43	-	781
1991	-	39	43	-	783
1992	-	45	44	-	648
1993	-	43	42	-	624
1994	-	43	49	1	620
1995	-	42	44	2	603
1996	-	42	39	2	597
1997	-	42	35	5	606
1998	-	42	39	5	338
1999	8	42	36	7	417
2000	12	42	33	8	406
2001	6	41	32	2	386
2002	1	41	29	2	386
2003	...	34	26	4	379
2004	...	34	21	7	399

ALBACORE IN THE WCPFC STATISTICAL AREA

Table 68. Drift net catches (tonnes) of albacore in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch

YEAR	JAPAN	REPUBLIC OF KOREA	CHINESE TAIPEI	TOTAL
1960	-	-	-	-
1961	-	-	-	-
1962	-	-	-	-
1963	-	-	-	-
1964	-	-	-	-
1965	-	-	-	-
1966	-	-	-	-
1967	-	-	-	-
1968	-	-	-	-
1969	-	-	-	-
1970	-	-	-	-
1971	-	-	-	-
1972	1	-	-	1
1973	39	-	-	39
1974	224	-	-	224
1975	166	-	-	166
1976	1,070	-	-	1,070
1977	688	-	-	688
1978	4,029	-	-	4,029
1979	2,856	0	-	2,856
1980	2,986	6	-	2,992
1981	10,348	16	-	10,364
1982	12,511	113	-	12,624
1983	6,884	233	-	7,117
1984	10,569	516	-	11,085
1985	13,132	576	-	13,708
1986	9,749	726	-	10,475
1987	7,617	817	2,514	10,948
1988	13,345	1,016	8,389	22,750
1989	20,700	1,195	16,870	38,765
1990	11,631	1,016	18,560	31,207
1991	3,401	852	4,792	9,045
1992	2,721	271	7,866	10,858
1993	287	-	-	287
1994	263	-	-	263
1995	282	-	-	282
1996	116	-	-	116
1997	359	-	-	359
1998	206	-	-	206
1999	289	-	-	289
2000	67	-	-	67
2001	117	-	-	117
2002	332	-	-	332
2003	(332)	-	-	332
2004	(332)	-	-	332

Table 69. Longline catches (tonnes) of albacore in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA	AUSTRALIA DOMESTIC	AUSTRALIA-JAPAN JOINT VENTURE	CHINA	COOK ISLANDS	FEDERATED STATES OF MICRONESIA	FIJI ISLANDS	FRENCH POLYNESIA	JAPAN COASTAL
1960	-	-	-	-	-	-	-	-	...
1961	-	-	-	-	-	-	-	-	...
1962	-	-	-	-	-	-	-	-	...
1963	-	-	-	-	-	-	-	-	...
1964	-	-	-	-	-	-	-	-	216
1965	-	-	-	-	-	-	-	-	268
1966	-	-	-	-	-	-	-	-	307
1967	-	-	-	-	-	-	-	-	378
1968	-	-	-	-	-	-	-	-	833
1969	-	-	-	-	-	-	-	-	931
1970	-	-	-	-	-	-	-	-	1,691
1971	-	-	-	-	-	-	-	-	1,691
1972	-	-	-	-	-	-	-	-	2,768
1973	-	-	-	-	-	-	-	-	4,517
1974	-	-	-	-	-	-	-	-	3,115
1975	-	-	-	-	-	-	-	-	3,100
1976	-	-	-	-	-	-	-	-	3,781
1977	-	-	-	-	-	-	-	-	4,173
1978	-	-	-	-	-	-	-	-	2,801
1979	-	-	-	-	-	-	-	-	2,615
1980	-	-	-	-	-	-	-	-	2,975
1981	-	-	-	-	-	-	-	-	2,908
1982	-	-	-	-	-	-	-	-	3,674
1983	-	-	-	-	-	-	-	-	3,808
1984	-	-	-	-	-	-	-	-	3,351
1985	-	0	-	-	-	-	-	-	4,045
1986	-	0	-	-	-	-	-	-	4,712
1987	-	129	-	-	-	-	-	-	5,503
1988	1	107	-	0	-	-	-	-	5,585
1989	-	93	463	0	-	-	3	-	4,711
1990	-	124	145	4	-	-	68	20	6,513
1991	1	158	67	0	-	0	208	100	6,664
1992	-	214	106	0	-	0	243	195	8,036
1993	0	186	126	1	-	0	463	714	16,591
1994	1	357	43	8	23	3	842	913	16,366
1995	27	438	19	5	32	0	702	772	17,497
1996	86	408	-	8	5	0	1,446	1,463	18,627
1997	309	302	-	2	...	1	1,842	2,595	24,926
1998	446	460	-	1	...	0	2,121	3,189	23,403
1999	338	359	-	3,473	...	2	2,279	2,580	21,219
2000	626	381	-	2,056	...	5	6,065	3,473	19,228
2001	3,233	570	-	2,711	2	3	7,971	4,261	17,539
2002	5,951	553	-	2,920	901	0	8,026	4,557	16,921
2003	3,931	487	-	6,222	1,461	1	6,881	3,846	17,789
2004	2,462	658	-	(6,222)	1,630	0	11,290	2,164	17,019

Table 69 (continued). Longline catches (tonnes) of albacore in the WCPFC Statistical Area

YEAR	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI	MARSHALL ISLANDS	NAURU	NEW CALEDONIA	NEW ZEALAND	PALAU	PAPUA NEW GUINEA	REPUBLIC OF KOREA
1960	30,762	-	-	-	-	-	-	-	610
1961	32,264	-	-	-	-	-	-	-	330
1962	36,637	-	-	-	-	-	-	-	635
1963	24,902	-	-	-	-	-	-	-	1,461
1964	23,558	-	-	-	-	-	-	-	1,768
1965	22,469	-	-	-	-	-	-	-	4,345
1966	35,701	-	-	-	-	-	-	-	9,117
1967	33,386	-	-	-	-	-	-	-	9,699
1968	23,371	-	-	-	-	-	-	-	6,476
1969	16,874	-	-	-	-	-	-	-	10,264
1970	18,431	-	-	-	-	-	-	-	11,942
1971	13,114	-	-	-	-	-	-	-	11,769
1972	12,115	-	-	-	-	-	-	-	9,855
1973	13,192	-	-	-	-	-	-	-	16,762
1974	11,528	-	-	-	-	-	-	-	6,777
1975	7,689	-	-	-	-	-	-	-	6,261
1976	12,948	-	-	-	-	-	-	-	9,008
1977	10,969	-	-	-	-	-	-	-	11,454
1978	9,983	-	-	-	-	-	-	-	11,302
1979	11,276	-	-	-	-	-	-	-	11,046
1980	12,183	-	-	-	-	-	-	-	9,640
1981	17,394	-	-	-	-	-	-	-	13,153
1982	16,371	-	-	-	-	-	-	-	11,499
1983	13,650	-	-	-	12	-	-	-	6,997
1984	11,291	-	-	-	112	-	-	-	5,212
1985	11,901	-	-	-	131	-	-	-	12,935
1986	10,797	-	-	-	179	-	-	-	15,677
1987	10,742	-	-	-	563	9	-	-	4,179
1988	13,055	-	-	-	584	4	-	-	5,725
1989	11,621	-	-	-	566	523	-	-	1,961
1990	12,326	-	-	-	1,053	170	-	-	1,063
1991	11,189	-	-	-	909	85	-	...	1,278
1992	12,836	-	0	-	692	209	0	...	2,190
1993	17,910	-	0	-	755	345	1	0	974
1994	17,868	-	0	-	840	635	3	0	1,744
1995	15,806	0	0	-	332	810	...	6	2,455
1996	15,939	0	...	-	414	1,079	...	38	1,948
1997	16,700	...	-	-	277	847	0	101	1,913
1998	16,840	...	-	-	860	2,057	...	104	6,436
1999	13,166	...	-	-	690	2,103	...	129	961
2000	12,848	0	-	0	895	1,344	2	159	837
2001	14,651	0	-	0	1,020	2,093	0	123	2,675
2002	9,770	0	-	0	1,165	2,105	0	136	4,415
2003	7,743	0	-	2	1,111	3,175	0	857	2,465
2004	8,658	...	-	0	1,468	1,360	0	1,640	1,163

Table 69 (continued). Longline catches (tonnes) of albacore in the WCPFC Statistical Area

YEAR	SAMOA	SOLOMON ISLANDS	CHINESE TAIPEI DISTANT WATER	CHINESE TAIPEI OFFSHORE DOMESTIC	CHINESE TAIPEI OFFSHORE FOREIGN	TONGA	UNITED STATES	VANUATU	TOTAL
1960	-	-	-	...	-	-	4	-	31,376
1961	-	-	-	...	-	-	5	-	32,599
1962	-	-	-	...	-	-	7	-	37,279
1963	-	-	-	...	-	-	7	-	26,370
1964	-	-	523	...	-	-	4	-	26,069
1965	-	-	1,257	...	-	-	3	-	28,342
1966	-	-	6,184	...	-	-	8	-	51,317
1967	-	-	14,428	...	-	-	12	-	57,903
1968	-	-	15,053	...	-	-	11	-	45,744
1969	-	-	9,826	...	-	-	14	-	37,909
1970	-	-	15,426	...	-	-	9	-	47,499
1971	-	-	17,701	...	-	-	11	-	44,286
1972	-	-	20,125	...	-	-	8	-	44,871
1973	-	4	25,218	...	-	-	14	-	59,707
1974	-	-	17,786	...	-	-	9	-	39,215
1975	-	-	13,843	...	-	-	33	-	30,926
1976	-	6	18,691	...	-	-	23	-	44,457
1977	-	9	21,846	...	-	-	37	-	48,488
1978	-	9	17,833	...	-	-	54	-	41,982
1979	-	21	11,231	...	-	-	0	-	36,189
1980	-	25	17,481	...	-	-	0	-	42,304
1981	-	2	13,627	...	-	-	25	-	47,109
1982	-	8	11,603	...	-	106	94	-	43,355
1983	-	19	11,636	...	-	143	6	-	36,271
1984	-	19	10,684	...	-	135	2	-	30,806
1985	-	12	8,682	...	-	174	0	-	37,880
1986	-	-	10,131	...	-	206	0	-	41,702
1987	-	-	11,827	...	...	252	136	-	33,340
1988	-	-	15,925	...	...	242	318	-	41,546
1989	-	-	9,200	...	...	195	272	-	29,608
1990	-	-	10,002	...	...	152	182	-	31,822
1991	-	-	13,975	...	...	171	313	-	35,118
1992	-	-	19,997	...	...	199	332	-	45,249
1993	213	-	16,989	...	1	231	441	-	55,941
1994	641	-	18,799	...	1	343	547	-	59,977
1995	1,883	24	18,683	...	2	379	888	109	60,869
1996	1,775	100	16,590	...	12	431	1,188	192	61,749
1997	4,108	109	16,478	...	...	493	1,645	95	72,743
1998	4,742	370	17,050	...	...	616	1,122	10	79,827
1999	4,027	136	14,589	...	...	801	1,541	...	68,393
2000	4,067	224	14,414	...	...	862	941	...	68,427
2001	4,820	54	14,052	...	...	1,268	1,293	...	78,339
2002	4,223	127	16,929	...	...	1,189	525	4,279	84,692
2003	2,253	122	14,995	...	...	611	524	4,725	79,201
2004	1,232	267	11,819	927	...	182	356	820	71,337

Table 70. Troll catches (tonnes) of albacore in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA	CANADA	FRENCH POLYNESIA	JAPAN	NEW ZEALAND	UNITED STATES	TOTAL
1960	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-
1967	-	-	-	-	5	-	5
1968	-	-	-	-	14	-	14
1969	-	-	-	-	...	-	0
1970	-	-	-	-	50	-	50
1971	-	-	-	-	...	-	0
1972	-	-	-	-	268	-	268
1973	-	-	-	-	484	-	484
1974	-	-	-	-	898	-	898
1975	-	-	-	-	646	-	646
1976	-	-	-	-	25	-	25
1977	-	-	-	-	621	-	621
1978	-	-	-	-	1,686	-	1,686
1979	-	-	-	-	814	-	814
1980	-	-	-	-	1,468	-	1,468
1981	-	-	-	-	2,085	-	2,085
1982	-	-	-	-	2,434	-	2,434
1983	-	-	-	-	744	-	744
1984	-	-	-	-	2,773	-	2,773
1985	-	-	-	-	3,253	-	3,253
1986	-	-	-	-	1,911	92	2,003
1987	-	-	-	-	1,256	878	2,134
1988	-	235	-	-	405	3,656	4,296
1989	-	235	102	-	4,361	3,672	8,370
1990	-	235	299	-	2,555	3,886	6,975
1991	-	235	326	-	2,350	4,894	7,805
1992	50	235	72	-	3,265	2,956	6,578
1993	35	235	45	-	2,971	1,010	4,296
1994	50	235	-	-	4,609	2,270	7,164
1995	-	259	183	856	5,339	1,951	8,588
1996	...	1,028	69	815	5,215	1,947	9,074
1997	...	1,122	24	1,585	2,767	1,739	7,237
1998	10	882	-	1,190	4,463	1,618	8,163
1999	...	418	-	891	1,799	1,339	4,447
2000	+	916	-	645	3,336	2,433	7,330
2001	2	592	-	416	3,431	2,107	6,548
2002	2	413	-	787	3,255	1,337	5,794
2003	1	440	-	(787)	4,305	1,574	7,107
2004	3	182	-	(787)	4,113	960	6,045

Table 71. Other catches (tonnes) of albacore in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA POLE-AND-LINE	AUSTRALIA RECREATION	FRENCH POLYNESIA BONITIERS	FRENCH POLYNESIA POTI MARARA	JAPAN POLE-&-LINE COASTAL	JAPAN POLE-AND-LINE OFFSHORE & DIST WATER	JAPAN PURSE SEINE COASTAL	JAPAN PURSE SEINE OFFSHORE & DIST WATER	JAPAN UNCLASS
1960	-	-	-	...	...	25,156	...	-	76
1961	-	-	-	...	...	18,639	7	-	268
1962	-	-	-	...	...	8,729	53	-	191
1963	-	-	-	...	...	26,420	59	-	218
1964	-	-	-	...	...	23,858	128	-	319
1965	-	-	-	...	...	41,491	11	-	121
1966	-	-	-	...	...	22,830	111	-	585
1967	-	-	-	...	...	30,481	89	0	520
1968	-	-	-	...	...	16,597	267	0	1,109
1969	-	-	-	...	236	31,912	480	0	935
1970	100	-	-	...	122	24,263	279	0	456
1971	100	-	-	...	394	52,957	751	1,000	308
1972	100	-	-	...	570	48,578	4	82	623
1973	100	-	-	...	761	61,165	27	235	495
1974	100	-	-	...	634	68,828	68	125	879
1975	100	-	...	...	272	47,660	19	134	228
1976	100	-	...	...	441	78,451	123	1,024	272
1977	100	-	...	...	332	34,953	9	602	355
1978	100	-	...	...	987	56,658	3	275	2,078
1979	100	-	...	...	529	44,982	3	128	1,126
1980	100	-	...	...	500	43,020	22	301	1,179
1981	-	5	...	...	636	25,599	197	49	663
1982	-	6	...	...	696	28,822	269	282	440
1983	-	7	...	...	401	19,596	4	220	118
1984	-	8	...	...	420	25,920	436	2,986	511
1985	-	9	...	...	307	21,039	143	1,395	305
1986	-	10	...	...	359	13,820	497	1,122	626
1987	-	11	...	...	220	19,054	229	1,216	155
1988	-	12	...	...	382	7,130	39	1,157	134
1989	-	13	...	...	289	10,919	231	1,889	393
1990	-	15	3	53	179	13,820	155	1,798	249
1991	-	20	5	60	94	6,469	279	3,239	392
1992	-	20	5	38	173	14,856	289	4,475	1,527
1993	-	20	2	39	386	12,471	23	1,657	867
1994	-	20	3	58	248	30,278	84	2,138	799
1995	-	25	3	69	176	22,828	179	1,100	81
1996	-	50	4	80	258	22,368	0	256	117
1997	-	50	9	69	205	34,849	1	1,098	123
1998	-	50	8	30	148	27,689	58	982	88
1999	-	50	38	23	128	54,956	1	6,444	127
2000	-	50	8	89	304	21,502	0	2,161	171
2001	7	50	8	147	65	29,225	0	979	96
2002	...	50	7	99	146	49,443	1,000	3,072	135
2003	...	50	5	79	(146)	34,580	...	837	(135)
2004	...	50	71		(146)	(34,580)	...	6,932	(135)

Table 71 (continued). Other catches (tonnes) of albacore in the WCPFC Statistical Area

YEAR	NEW ZEALAND POLE & LINE	NEW ZEALAND UNCLASS	TOTAL
1960	-	...	25,232
1961	-	...	18,914
1962	-	...	8,973
1963	-	...	26,697
1964	-	...	24,305
1965	-	...	41,623
1966	-	...	23,526
1967	-	...	31,090
1968	-	...	17,973
1969	-	...	33,563
1970	-	...	25,220
1971	-	...	55,510
1972	-	...	49,957
1973	-	...	62,783
1974	-	...	70,634
1975	-	...	48,413
1976	-	...	80,411
1977	-	...	36,351
1978	-	...	60,101
1979	-	...	46,868
1980	-	...	45,122
1981	-	...	27,149
1982	-	...	30,515
1983	-	...	20,346
1984	-	...	30,281
1985	-	...	23,198
1986	-	...	16,434
1987	-	...	20,885
1988	-	...	8,854
1989	-	...	13,734
1990	242	44	16,558
1991	9	15	10,582
1992	6	7	21,396
1993	60	11	15,536
1994	62	11	33,701
1995	136	10	24,607
1996	26	26	23,185
1997	0	14	36,418
1998	1	5	29,059
1999	0	1	61,768
2000	72	+	24,357
2001	4	2	30,583
2002	0	3	53,955
2003	0	9	35,841
2004	0	...	41,914

BIGEYE IN THE WCPFC STATISTICAL AREA

Table 72. Longline catches (tonnes) of bigeye in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA	AUSTRALIA DOMESTIC	AUSTRALIA-JAPAN JOINT VENTURE	CHINA	COOK ISLANDS	FEDERATED STATES OF MICRONESIA	FIJI ISLANDS	FRENCH POLYNESIA
1960	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	-	-	-
1972	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-
1985	-	0	-	-	-	-	-	-
1986	-	1	-	-	-	-	-	-
1987	-	64	-	-	-	-	-	-
1988	0	43	-	24	-	-	-	-
1989	-	19	43	99	-	-	14	-
1990	-	24	6	276	-	-	27	4
1991	0	27	0	526	-	12	123	45
1992	-	34	0	1,400	-	47	187	57
1993	0	25	0	3,664	-	40	204	163
1994	0	123	10	7,846	8	72	249	165
1995	1	172	0	4,744	17	51	378	182
1996	4	293	-	3,261	3	79	593	184
1997	4	983	-	2,243	...	185	409	308
1998	10	1,166	-	1,836	...	521	460	402
1999	9	895	-	1,805	...	617	462	276
2000	21	753	-	1,981	...	895	687	711
2001	75	1,188	-	2,227	1	647	662	745
2002	196	885	-	2,312	69	723	853	649
2003	242	901	-	8,965	202	620	889	439
2004	227	784	-	(8,965)	343	520	1,254	495

Table 72 (continued). Longline catches (tonnes) of bigeye in the WCPFC Statistical Area

YEAR	INDONESIA	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI	MARSHALL ISLANDS	NAURU	NEW CALEDONIA	NEW ZEALAND
1960	...	...	41,530	-	-	-	-	-
1961	...	...	35,657	-	-	-	-	-
1962	...	...	33,632	-	-	-	-	-
1963	...	...	40,061	-	-	-	-	-
1964	...	...	28,525	-	-	-	-	-
1965	...	...	26,293	-	-	-	-	-
1966	...	...	27,229	-	-	-	-	-
1967	...	...	26,316	-	-	-	-	-
1968	...	...	20,610	-	-	-	-	-
1969	...	485	25,276	-	-	-	-	-
1970	...	565	28,959	-	-	-	-	-
1971	...	559	32,113	-	-	-	-	-
1972	...	732	41,858	-	-	-	-	-
1973	...	913	31,818	-	-	-	-	-
1974	...	1,091	37,178	-	-	-	-	-
1975	...	2,167	37,743	-	-	-	-	-
1976	...	2,833	45,244	-	-	-	-	-
1977	...	2,512	48,644	-	-	-	-	-
1978	105	2,883	41,576	-	-	-	-	-
1979	110	3,376	44,070	-	-	-	-	-
1980	127	2,658	41,514	-	-	-	-	-
1981	155	2,523	32,681	-	-	-	-	-
1982	310	2,904	35,439	-	-	-	-	-
1983	90	4,201	32,733	-	-	-	1	-
1984	144	5,168	36,834	-	-	-	10	-
1985	212	4,607	39,420	-	-	-	17	-
1986	210	4,475	38,867	-	-	-	19	-
1987	796	4,023	43,420	-	-	-	37	-
1988	836	5,012	42,788	-	-	-	20	-
1989	441	6,101	41,236	-	-	-	27	+
1990	474	7,053	43,035	-	-	-	60	30
1991	599	7,025	30,794	-	-	-	60	44
1992	660	7,302	38,074	-	6	-	27	39
1993	509	6,889	31,289	-	67	-	106	74
1994	474	5,974	27,967	-	25	-	78	69
1995	505	5,532	22,664	1	10	-	103	60
1996	600	6,067	19,018	0	...	-	233	86
1997	502	5,442	23,140	-	-	-	234	140
1998	620	4,846	29,638	-	-	-	498	388
1999	641	5,805	24,203	-	-	-	553	420
2000	727	6,042	23,119	-	-	1	517	421
2001	659	5,587	23,102	-	-	6	128	480
2002	711	6,510	23,992	-	-	3	189	203
2003	625	7,792	20,917	-	-	10	142	204
2004	641	4,202	21,910	-	-	0	90	177

Table 72 (continued). Longline catches (tonnes) of bigeye in the WCPFC Statistical Area

YEAR	PALAU	PAPUA NEW GUINEA	PHILIPPINES	REPUBLIC OF KOREA	SAMOA	SOLOMON ISLANDS	CHINESE TAIPEI DISTANT WATER	CHINESE TAIPEI OFFSHORE DOMESTIC
1960	-	-	...	50	-	-	...	...
1961	-	-	...	9	-	-	...	...
1962	-	-	...	26	-	-	...	...
1963	-	-	...	242	-	-	...	...
1964	-	-	...	359	-	-	76	...
1965	-	-	...	1,303	-	-	451	...
1966	-	-	...	2,268	-	-	905	...
1967	-	-	...	2,699	-	-	2,925	...
1968	-	-	...	1,272	-	-	3,560	...
1969	-	-	...	1,838	-	-	2,327	...
1970	-	-	51	1,322	-	-	2,704	1,149
1971	-	-	57	940	-	-	3,142	1,335
1972	-	-	59	1,138	-	-	5,215	1,812
1973	-	-	70	2,523	-	16	5,000	1,891
1974	-	-	82	2,137	-	-	3,074	1,906
1975	-	-	83	13,543	-	-	4,015	3,787
1976	-	-	70	20,176	-	25	3,155	1,628
1977	-	-	100	15,978	-	34	3,421	1,169
1978	-	-	59	7,878	-	36	1,731	1,780
1979	-	-	78	12,448	-	86	1,300	2,099
1980	-	-	101	13,106	-	98	3,332	871
1981	-	-	139	7,838	-	25	1,236	1,150
1982	-	-	163	6,988	-	24	890	777
1983	-	-	243	5,923	-	34	686	876
1984	-	-	110	7,086	-	57	882	1,034
1985	-	-	156	10,022	-	46	598	1,737
1986	-	-	207	10,156	-	-	458	723
1987	-	-	325	17,261	-	-	259	803
1988	-	-	273	14,766	-	-	246	1,274
1989	-	-	297	12,684	-	-	205	374
1990	-	-	190	17,406	-	-	1,656	410
1991	-	...	224	12,544	-	-	1,878	1,129
1992	90	...	105	18,089	-	-	1,886	1,085
1993	66	0	90	13,912	3	-	652	1,175
1994	50	0	121	20,241	14	-	799	1,575
1995	...	19	114	18,849	40	300	607	1,255
1996	...	13	115	13,006	27	403	282	1,587
1997	6	56	126	15,891	63	722	554	3,772
1998	...	42	148	27,429	334	726	1,505	3,669
1999	...	60	169	22,387	283	469	1,443	2,673
2000	75	187	169	23,867	177	364	1,160	2,092
2001	21	260	157	22,172	185	187	3,142	3,292
2002	1	324	187	28,533	137	393	8,741	2,150
2003	1	377	238	17,151	110	967	7,540	2,299
2004	7	396	243	17,941	104	357	16,888	1,340

Table 72 (continued). Longline catches (tonnes) of bigeye in the WCPFC Statistical Area

YEAR	CHINESE TAIPEI OFFSHORE FOREIGN	TONGA	UNITED STATES	VANUATU	TOTAL
1960	-	-	567	-	42,147
1961	-	-	469	-	36,135
1962	-	-	548	-	34,206
1963	-	-	424	-	40,727
1964	-	-	379	-	29,339
1965	-	-	345	-	28,392
1966	-	-	346	-	30,748
1967	-	-	293	-	32,233
1968	-	-	256	-	25,698
1969	-	-	319	-	30,245
1970	-	-	215	-	34,965
1971	-	-	213	-	38,359
1972	-	-	226	-	51,040
1973	-	-	181	-	42,412
1974	-	-	185	-	45,653
1975	-	-	150	-	61,488
1976	-	-	194	-	73,325
1977	-	-	225	-	72,083
1978	-	-	189	-	56,237
1979	-	-	137	-	63,704
1980	-	-	17	-	61,824
1981	-	-	76	-	45,823
1982	-	18	373	-	47,886
1983	-	17	466	-	45,270
1984	-	28	536	-	51,889
1985	-	15	606	-	57,436
1986	-	12	676	-	55,804
1987	...	14	816	-	67,818
1988	...	6	1,233	-	66,521
1989	...	12	1,445	-	62,997
1990	3,080	11	1,520	-	75,262
1991	1,579	5	1,571	-	58,185
1992	3,185	5	1,495	-	73,773
1993	3,037	34	2,124	-	64,123
1994	4,856	19	1,793	-	72,528
1995	3,297	23	2,193	20	61,137
1996	2,384	60	1,933	67	50,298
1997	5,862	69	2,560	103	63,374
1998	5,035	86	3,327	53	82,739
1999	5,467	112	2,883	...	71,632
2000	4,441	120	2,736	...	71,263
2001	6,001	191	2,418	...	73,533
2002	5,754	215	4,396	123	88,249
2003	3,506	94	3,618	0	77,849
2004	(3,506)	40	4,181	0	84,611

Table 73. Pole-and-line catches (tonnes) of bigeye in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; '*' = bigeye catch may be included in yellowfin estimate; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI	NEW CALEDONIA	NEW ZEALAND
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	-	-	-	...	4	1,696	-	-	-
1970	-	-	-	...	10	1,590	-	-	-
1971	-	-	-	...	47	853	-	-	-
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	2,261	*	-	-
1980	*	*	*	227	22	2,029	*	-	-
1981	*	*	*	202	56	2,338	*	*	-
1982	*	*	*	189	109	3,810	*	*	-
1983	*	*	*	190	93	3,772	*	*	-
1984	*	*	*	228	26	3,211	*	-	-
1985	*	*	*	234	111	3,981	*	-	-
1986	*	*	*	228	118	2,519	*	-	-
1987	*	*	*	232	86	2,816	*	-	-
1988	*	*	*	244	221	3,660	*	-	-
1989	*	*	*	355	373	3,570	*	-	-
1990	*	*	*	443	144	3,331	*	-	0
1991	*	*	*	629	130	1,232	*	-	0
1992	*	*	*	654	75	1,028	*	-	0
1993	*	*	*	530	31	1,769	*	-	*
1994	*	17	*	699	323	1,908	4	-	*
1995	*	8	*	744	397	2,627	0	-	*
1996	*	1	*	884	428	2,549	2	-	*
1997	*	+	*	739	288	2,584	0	-	0
1998	*	*	*	914	180	1,352	-	-	0
1999	*	*	*	945	134	1,097	-	-	*
2000	*	*	*	1,071	125	1,792	-	-	0
2001	*	*	*	972	56	1,321	-	-	0
2002	*	*	*	1,048	43	1,714	-	-	0
2003	*	*	*	921	(43)	822	-	-	0
2004	*	*	*	944	(43)	(822)	-	-	0

Table 73 (continued). Pole-and-line catches (tonnes) of bigeye in the WCPFC Statistical Area

YEAR	PALAU	PAPUA NEW GUINEA	SOLOMON ISLANDS	TUVALU	UNITED STATES	TOTAL
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	*	*	*	-	*	2,540
1980	*	*	*	-	*	2,278
1981	*	*	*	-	*	2,596
1982	*	-	*	*	*	4,108
1983	-	-	*	*	*	4,055
1984	-	*	*	*	*	3,465
1985	*	*	*	*	*	4,326
1986	*	-	*	*	*	2,865
1987	*	-	*	*	*	3,134
1988	*	-	*	*	*	4,125
1989	*	-	*	*	*	4,298
1990	*	-	*	*	*	3,918
1991	*	-	*	*	*	1,991
1992	*	-	*	*	*	1,757
1993	*	-	*	-	*	2,330
1994	*	-	*	-	*	2,951
1995	*	-	*	-	*	3,776
1996	*	-	*	-	*	3,864
1997	*	-	*	-	*	3,611
1998	*	-	*	-	*	2,446
1999	*	-	*	-	*	2,176
2000	*	-	*	-	*	2,988
2001	*	-	*	-	*	2,349
2002	*	-	*	-	*	2,805
2003	*	-	*	-	*	1,786
2004	*	-	*	-	*	1,809

Table 74. Purse-seine catches (tonnes) of bigeye in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA DOMESTIC	AUSTRALIA DISTANT WATER	CHINA	FEDERATED STATES OF MICRONESIA	INDONESIA DOMESTIC	INDONESIA DISTANT WATER	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI
1960	-	-	-	-	...	-	58	...	-
1961	-	-	-	-	...	-	63	...	-
1962	-	-	-	-	...	-	173	...	-
1963	-	-	-	-	...	-	6	...	-
1964	-	-	-	-	...	-	231	...	-
1965	-	-	-	-	...	-	201	...	-
1966	-	-	-	-	...	-	9	...	-
1967	-	-	-	-	...	-	60	0	-
1968	-	-	-	-	...	-	183	0	-
1969	-	-	-	-	...	-	48	0	-
1970	-	-	-	-	...	-	85	0	-
1971	-	-	-	-	...	-	30	128	-
1972	-	-	-	-	...	-	1	119	-
1973	-	-	-	-	...	-	4	182	-
1974	-	-	-	-	...	-	25	328	-
1975	...	-	-	-	...	-	5	265	-
1976	...	-	-	-	...	-	18	390	-
1977	...	-	-	-	...	-	10	302	-
1978	...	-	-	-	...	-	17	609	-
1979	...	-	-	-	...	-	47	720	-
1980	...	-	-	-	218	-	0	564	-
1981	...	-	-	-	228	-	1	925	-
1982	...	-	-	-	143	-	19	1,129	-
1983	...	-	-	-	201	-	6	1,468	-
1984	...	-	-	-	211	...	27	702	-
1985	...	-	-	-	211	...	71	1,381	-
1986	-	-	-	-	165	75	21	1,531	-
1987	...	-	-	-	168	281	88	1,602	-
1988	-	4	-	-	177	236	43	606	-
1989	...	0	-	-	252	402	169	1,528	-
1990	...	87	-	-	267	...	57	2,122	-
1991	...	131	-	229	287	-	25	1,951	-
1992	...	64	-	315	271	-	32	2,563	-
1993	...	52	-	409	436	-	29	1,903	-
1994	...	-	-	288	588	-	3	1,676	26
1995	...	-	-	109	625	-	104	1,629	43
1996	...	-	-	181	743	-	0	1,494	122
1997	...	-	-	507	621	-	2	8,467	291
1998	...	-	-	385	769	-	0	2,706	221
1999	...	-	-	515	794	-	0	3,523	222
2000	...	-	-	383	900	-	0	4,735	73
2001	...	-	31	813	817	-	1	6,125	208
2002	...	-	60	650	881	-	2	4,587	171
2003	...	-	177	655	774	-	(2)	5,099	155
2004	...	-	(177)	683	794	-	(2)	4,577	140

Table 74 (continued). Purse-seine catches (tonnes) of bigeye in the WCPFC Statistical Area

YEAR	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE	PHILIPPINES DOMESTIC RINGNET	PHILIPPINES DISTANT WATER	REPUBLIC OF KOREA	RUSSIA
1960	-	-	-	-	...	...	-	-	-
1961	-	-	-	-	...	...	-	-	-
1962	-	-	-	-	...	...	-	-	-
1963	-	-	-	-	...	...	-	-	-
1964	-	-	-	-	...	...	-	-	-
1965	-	-	-	-	...	...	-	-	-
1966	-	-	-	-	...	...	-	-	-
1967	-	-	-	-	*	*	-	-	-
1968	-	-	-	-	*	*	-	-	-
1969	-	-	-	-	*	*	-	-	-
1970	-	-	-	-	475	166	-	-	-
1971	-	-	-	-	532	186	-	-	-
1972	-	-	-	-	552	193	-	-	-
1973	-	-	-	-	661	231	-	-	-
1974	-	-	-	-	768	268	-	-	-
1975	-	-	...	-	784	274	-	-	-
1976	-	-	...	-	661	231	-	-	-
1977	-	-	...	-	936	327	-	-	-
1978	-	-	...	-	413	100	-	-	-
1979	-	-	...	-	876	351	-	-	-
1980	-	-	...	-	819	423	-	7	-
1981	-	-	...	-	1,434	380	-	45	-
1982	-	-	...	-	1,629	137	60	419	-
1983	-	11	0	-	1,742	333	-	353	-
1984	-	302	0	-	1,873	422	104	444	-
1985	-	-	0	-	1,538	615	423	162	0
1986	-	-	0	-	1,264	490	207	509	4
1987	-	-	...	-	1,517	289	491	1,310	30
1988	-	-	...	-	1,426	399	435	1,304	7
1989	-	-	...	-	1,553	435	1,221	1,765	14
1990	-	-	...	-	1,613	413	860	2,256	5
1991	-	-	...	-	1,901	487	910	2,735	10
1992	-	-	...	-	1,211	269	1,797	5,273	4
1993	-	-	...	-	445	155	1,182	2,309	28
1994	-	-	...	20	1,364	349	570	1,944	30
1995	-	-	...	104	1,489	381	961	1,432	...
1996	-	-	...	87	1,497	383	2,093	1,625	...
1997	-	-	...	1,942	1,645	421	3,228	4,920	...
1998	-	-	...	2,992	1,935	496	2,773	4,586	...
1999	-	-	...	1,487	2,207	565	1,266	2,102	...
2000	39	-	100	1,541	2,207	565	1,194	801	...
2001	282	-	121	4,095	2,041	523	2,017	1,382	...
2002	174	-	175	6,247	2,438	624	1,669	2,824	...
2003	555	-	608	4,605	3,108	796	1,279	1,418	...
2004	962	-	558	3,749	3,165	811	1,375	1,892	...

Table 74 (continued). Purse-seine catches (tonnes) of bigeye in the WCPFC Statistical Area

YEAR	SOLOMON ISLANDS	SPAIN	CHINESE TAIPEI	UNITED STATES	VANUATU	TOTAL
1960	-	-	-	-	-	58
1961	-	-	-	-	-	63
1962	-	-	-	-	-	173
1963	-	-	-	-	-	6
1964	-	-	-	-	-	231
1965	-	-	-	-	-	201
1966	-	-	-	-	-	9
1967	-	-	-	-	-	60
1968	-	-	-	-	-	183
1969	-	-	-	-	-	48
1970	-	-	-	-	-	726
1971	-	-	-	-	-	876
1972	-	-	-	-	-	865
1973	-	-	-	-	-	1,078
1974	-	-	-	-	-	1,389
1975	-	-	-	-	-	1,328
1976	-	-	-	12	-	1,312
1977	-	-	-	12	-	1,587
1978	-	-	-	12	-	1,151
1979	-	-	-	37	-	2,031
1980	56	-	-	73	-	2,160
1981	168	-	-	1,087	-	4,268
1982	181	-	-	1,534	-	5,251
1983	317	-	265	4,746	-	9,442
1984	301	-	410	4,259	-	9,055
1985	360	-	487	1,696	-	6,944
1986	268	-	694	2,484	-	7,712
1987	487	-	916	4,036	-	11,215
1988	539	-	1,096	1,948	-	8,220
1989	688	-	2,268	2,421	-	12,716
1990	426	-	2,546	1,762	-	12,414
1991	368	-	3,174	1,550	-	13,758
1992	709	-	4,325	3,480	-	20,313
1993	733	-	2,733	3,731	-	14,145
1994	593	-	1,762	1,711	5	10,929
1995	790	-	919	3,190	92	11,868
1996	1,716	-	1,576	9,860	149	21,526
1997	2,079	-	2,311	10,058	1,603	38,095
1998	1,357	-	201	5,377	1,126	24,924
1999	1,154	1,437	3,372	18,694	1,379	38,717
2000	334	3,644	1,900	13,886	209	32,511
2001	1,053	734	2,284	6,176	77	28,780
2002	780	48	2,643	4,889	223	29,085
2003	1,370	...	2,676	4,470	287	28,034
2004	2,069	842	730	5,031	229	27,786

Table 75. Other catches (tonnes) of bigeye in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; '*' = bigeye catch may be included in yellowfin estimate; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA UNCLASS	FIJI ISLANDS TROLL	FRENCH POLYNESIA TROLL	INDONESIA HANDLINE	INDONESIA UNCLASS	JAPAN TROLL	JAPAN UNCLASS	NEW ZEALAND UNCLASS
1960	...	-	...	...	...	...	...	-
1961	...	-	...	...	...	...	...	-
1962	...	-	...	...	...	...	...	-
1963	...	-	...	...	...	...	...	-
1964	...	-	...	...	...	26		-
1965	...	-	...	...	...	29		-
1966	...	-	...	...	...	87		-
1967	...	-	...	...	...	252		-
1968	...	-	...	...	...	204		-
1969	...	-	...	...	...	62		-
1970	...	-	...	...	550	46		-
1971	...	-	...	...	570	21		-
1972	...	-	...	...	900	19		-
1973	...	-	...	...	1,020	58		-
1974	...	-	...	...	1,017	99		*
1975	...	-	...	...	1,106	195		*
1976	...	-	...	...	753	241		*
1977	...	-	...	...	1,027	188		*
1978	...	-	...	...	823	532		*
1979	...	-	...	...	1,148	300		*
1980	...	-	...	...	1,163	113		*
1981	...	-	...	...	1,579	151		*
1982	...	-	...	...	1,739	172		*
1983	...	*	...	...	1,524	134		*
1984	...	-	...	194	1,814	132		*
1985	...	*	...	218	2,013	218		*
1986	...	*	...	235	2,523	237		*
1987	...	*	...	240	2,473	173		*
1988	...	*	...	249	2,638	260		*
1989	...	*	...	234	3,135	379		*
1990	...	*	1	275	3,229	104		0
1991	...	*	1	379	3,960	349		0
1992	...	*	1	507	4,522	593		0
1993	...	*	1	411	3,661	137		0
1994	...	*	1	634	4,514	173		0
1995	...	-	1	675	4,804	145	70	0
1996	...	-	2	802	5,712	247	61	0
1997	...	...	2	671	4,774	320	52	0
1998	...	...	1	830	5,906	264	18	0
1999	...	...	2	857	6,102	219	21	0
2000	...	...	1	971	6,915	190	14	0
2001	...	...	1	881	6,275	182	29	0
2002	...	...	2	951	6,768	126	35	+
2003	12	...	2	835	5,945	(126)	(35)	0
2004	23	...	2	857	6,099	(126)	(35)	...

Table 75 (continued). Other catches (tonnes) of bigeye in the WCPFC Statistical Area

YEAR	PHILIPPINES GILL NET	PHILIPPINES HANDLINE	PHILIPPINES UNCLASS	CHINESE TAIPEI UNCLASS	USA (HAWAII) TROLL	TOTAL
1960	...	...	...	...	...	...
1961	...	...	...	...	...	...
1962	...	...	...	...	...	...
1963	...	...	...	...	...	...
1964	...	...	...	...	...	26
1965	...	...	...	...	...	29
1966	...	...	...	...	...	87
1967	...	...	...	...	...	252
1968	...	...	...	...	...	204
1969	...	...	...	...	...	62
1970	256	1,804	144	2	...	2,802
1971	286	2,018	162	0	...	3,057
1972	298	2,097	168	15	...	3,497
1973	356	2,509	201	74	...	4,218
1974	414	2,917	233	39	...	4,719
1975	422	2,976	238	1	...	4,938
1976	356	2,508	201	64	...	4,123
1977	504	3,555	285	68	...	5,627
1978	492	2,145	191	48	...	4,231
1979	203	2,750	201	13	...	4,615
1980	230	2,514	115	7	...	4,142
1981	266	2,774	147	1	...	4,918
1982	139	2,565	123	0	...	4,738
1983	126	2,786	412	5	...	4,987
1984	216	2,666	149	0	...	5,171
1985	204	3,053	334	70	...	6,110
1986	214	3,112	118	20	...	6,459
1987	216	2,271	138	52	...	5,563
1988	220	2,759	132	181	...	6,439
1989	240	3,005	143	1	...	7,137
1990	282	4,240	647	73	...	8,851
1991	333	4,998	763	0	...	10,783
1992	176	2,080	305	0	...	8,184
1993	114	2,271	359	97	...	7,051
1994	425	3,248	348	0	...	9,343
1995	166	3,067	356	1	...	9,285
1996	167	3,083	358	1	185	10,618
1997	183	3,388	394	(1)	92	9,877
1998	216	3,986	463	(1)	243	11,928
1999	246	4,546	528	(1)	97	12,619
2000	246	4,545	528	(1)	207	13,618
2001	227	4,204	489	(1)	226	12,515
2002	272	5,021	584	(1)	586	14,346
2003	346	6,402	744	(1)	237	14,685
2004	353	6,518	758	(1)	521	15,293

SKIPJACK IN THE WCPFC STATISTICAL AREA

Table 76. Pole-and-line catches (tonnes) of skipjack in the WCPFC STATISTICAL AREA. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI	NEW CALEDONIA	NEW ZEALAND
1960	-	-	-	...	70,428		-	-	-
1961	-	-	-	...	127,011		-	-	-
1962	-	-	-	...	152,387		-	-	-
1963	-	-	-	...	94,757		-	-	-
1964	-	-	-	...	136,081		-	-	-
1965	-	-	-	...	127,436		-	-	-
1966	-	-	-	...	212,985		-	-	-
1967	-	-	-	...	165,492		-	-	-
1968	-	-	-	...	157,340		-	-	-
1969	-	-	-	...	7,872	155,583	-	-	-
1970	-	-	-	...	6,237	181,201	-	-	-
1971	-	-	-	...	5,041	152,339	-	-	-
1972	-	-	-	...	10,935	140,976	-	-	-
1973	-	-	-	...	7,902	209,388	-	-	-
1974	-	...	-	...	12,864	219,455	-	-	-
1975	-	...	...	...	8,506	181,093	-	-	-
1976	46	658	...	...	10,070	221,016	-	-	-
1977	31	1,560	...	...	12,099	245,406	-	-	-
1978	146	2,115	...	...	17,673	238,267	-	-	-
1979	...	3,091	535	...	11,896	214,276	...	-	-
1980	...	2,263	683	19,676	13,538	237,534	...	-	-
1981	108	5,252	529	20,865	10,556	200,824	355	226	-
1982	196	3,675	666	22,121	12,841	200,165	288	827	-
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	-	-
1986	77	2,288	729	48,305	13,090	233,724	891	-	-
1987	59	3,437	729	49,271	8,425	177,517	273	-	-
1988	490	3,405	441	51,735	11,505	201,004	927	-	-
1989	399	4,660	567	64,763	8,928	184,137	1,438	-	-
1990	1,177	3,196	1,423	70,537	7,357	122,392	452	-	0
1991	1,042	4,458	1,254	81,445	6,448	151,338	157	-	0
1992	800	3,705	1,122	75,455	7,554	118,649	248	-	0
1993	458	3,178	665	77,476	9,818	162,404	184	-	1
1994	295	3,379	1,004	90,472	7,537	108,944	121	-	6
1995	211	4,319	1,250	92,910	5,929	131,935	559	-	28
1996	763	3,124	945	101,060	5,811	98,601	7	-	115
1997	485	987	698	98,253	6,364	122,499	4	-	50
1998	266	459	784	132,828	6,845	124,191	-	-	1
1999	219	507	526	143,905	6,805	122,290	-	-	11
2000	27	343	440	136,183	8,926	138,860	-	-	11
2001	0	431	688	119,417	7,288	96,144	-	-	0
2002	39	(431)	513	116,202	6,901	90,466	-	-	0
2003	-	(431)	511	113,615	(6,901)	115,257	-	-	0
2004	11	(431)	(511)	115,181	(6,901)	(115,257)	-	-	0

Table 76 (continued). Pole-and-line catches (tonnes) of skipjack in the WCPFC Statistical Area

YEAR	PALAU	PAPUA NEW GUINEA	SOLOMON ISLANDS	TUVALU	UNITED STATES	TOTAL
1960	-	-	-	-	...	70,428
1961	-	-	-	-	...	127,011
1962	-	-	-	-	...	152,387
1963	-	-	-	-	...	94,757
1964	1,025	-	-	-	...	137,106
1965	2,497	-	-	-	...	129,933
1966	2,615	-	-	-	...	215,600
1967	3,354	-	-	-	...	168,846
1968	5,039	-	-	-	...	162,379
1969	4,629	-	-	-	...	168,084
1970	8,081	2,354	-	-	...	197,873
1971	2,133	16,862	4,570	-	...	180,945
1972	1,463	11,785	7,668	-	...	172,827
1973	2,309	27,300	6,318	-	...	253,217
1974	6,647	40,214	10,022	-	...	289,202
1975	5,971	15,625	7,076	-	...	218,271
1976	4,911	24,358	15,523	-	...	276,582
1977	3,592	20,106	11,847	-	...	294,641
1978	9,391	45,760	18,049	-	...	331,401
1979	5,687	23,976	23,497	-	2,901	285,859
1980	5,580	30,976	21,411	-	1,796	333,457
1981	6,931	27,207	19,620	-	1,819	294,292
1982	3,438	-	16,464	163	1,400	262,244
1983	-	-	27,028	286	1,135	299,762
1984	-	2,470	29,541	513	1,536	379,474
1985	82	8,370	23,744	4	851	250,010
1986	112	-	36,159	378	942	336,695
1987	139	-	20,564	542	1,510	262,466
1988	119	-	28,613	1,069	1,723	301,031
1989	72	-	23,268	142	1,332	289,706
1990	80	-	17,427	64	487	224,592
1991	-	-	35,240	23	992	282,397
1992	61	-	18,226	6	763	226,589
1993	100	-	15,425	-	962	270,671
1994	100	-	19,013	-	514	231,385
1995	100	-	28,924	-	571	266,736
1996	100	-	19,215	-	835	230,576
1997	100	-	20,364	-	881	250,685
1998	100	-	22,089	-	382	287,945
1999	100	-	18,322	-	584	293,269
2000	100	-	2,632	-	320	287,842
2001	...	-	3,921	-	447	228,336
2002	...	-	9,290	-	304	224,146
2003	...	-	10,140	-	436	247,291
2004	...	-	6,625	-	436	245,353

Table 77. Purse-seine catches (tonnes) of skipjack in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA DOMESTIC	AUSTRALIA DISTANT WATER	CHINA	FEDERATED STATES OF MICRONESIA	INDONESIA DOMESTIC	INDONESIA DISTANT WATER	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI
1960	-	-	-	-	...	-	3,728	...	-
1961	-	-	-	-	...	-	11,693	...	-
1962	-	-	-	-	...	-	11,674	...	-
1963	-	-	-	-	...	-	9,592	...	-
1964	-	-	-	-	...	-	25,006	...	-
1965	-	-	-	-	...	-	4,657	...	-
1966	-	-	-	-	...	-	10,949	...	-
1967	-	-	-	-	...	-	10,897	34	-
1968	-	-	-	-	...	-	7,447	140	-
1969	-	-	-	-	...	-	4,980	77	-
1970	-	-	-	-	...	-	4,320	403	-
1971	-	-	-	-	...	-	2,829	7,933	-
1972	-	-	-	-	...	-	2,623	12,153	-
1973	-	-	-	-	...	-	2,317	13,244	-
1974	-	-	-	-	...	-	1,463	5,533	-
1975	1,900	-	-	-	...	-	424	6,806	-
1976	...	-	-	-	...	-	919	17,741	-
1977	...	-	-	-	...	-	383	18,590	-
1978	113	-	-	-	...	-	1,877	25,758	-
1979	0	-	-	-	...	-	203	28,738	-
1980	17	-	-	-	5,514	-	845	48,820	-
1981	244	-	-	-	5,847	-	884	44,763	-
1982	31	-	-	-	6,199	-	832	75,106	-
1983	114	-	-	-	8,017	-	714	116,958	-
1984	56	-	-	-	9,152	...	3,746	128,955	-
1985	0	-	-	-	10,187	...	3,174	119,204	-
1986	-	-	-	-	7,313	7,121	4,462	130,900	-
1987	0	-	-	-	7,459	11,050	2,898	115,505	-
1988	-	101	-	-	7,823	11,050	7,723	183,673	-
1989	598	148	-	-	7,559	10,313	3,626	122,030	-
1990	121	3,543	-	-	7,994	...	3,012	140,116	-
1991	1,954	3,876	-	8,448	9,230	-	4,857	149,967	-
1992	6,158	437	-	11,657	10,751	-	1,478	140,172	-
1993	3,855	1,311	-	11,341	9,935	-	4,838	136,889	-
1994	3,219	-	-	17,351	10,698	-	4,135	160,151	895
1995	4,086	-	-	4,216	10,987	-	5,342	143,179	1,961
1996	1,981	-	-	6,745	11,950	-	14	156,177	4,104
1997	4,204	-	-	5,501	11,618	-	2,133	156,904	2,851
1998	1,014	-	-	11,314	15,707	-	2,381	230,247	5,414
1999	4,164	-	-	6,810	17,017	-	84	150,321	4,493
2000	3,955	-	-	15,162	16,104	-	49	167,726	3,701
2001	492	-	2,750	10,689	14,121	-	852	169,328	3,286
2002	45	-	7,713	15,531	13,741	-	1,024	188,052	4,261
2003	541	-	20,284	24,054	13,435	-	(1,024)	187,338	3,440
2004	165	-	(20,284)	22,998	13,620	-	(1,024)	172,563	3,816

Table 77 (continued). Purse-seine catches (tonnes) of skipjack in the WCPFC Statistical Area

YEAR	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE	PHILIPPINES DOMESTIC RINGNET	PHILIPPINES DISTANT WATER	REPUBLIC OF KOREA	RUSSIA
1960	-	-	-	-	...	...	-	-	-
1961	-	-	-	-	...	...	-	-	-
1962	-	-	-	-	...	...	-	-	-
1963	-	-	-	-	...	...	-	-	-
1964	-	-	-	-	...	...	-	-	-
1965	-	-	-	-	...	...	-	-	-
1966	-	-	-	-	...	...	-	-	-
1967	-	-	-	-	...	...	-	-	-
1968	-	-	-	-	...	...	-	-	-
1969	-	-	-	-	...	...	-	-	-
1970	-	-	-	-	2,811	3,051	-	-	-
1971	-	-	-	-	3,007	3,265	-	-	-
1972	-	-	-	-	3,303	3,585	-	-	-
1973	-	-	-	-	3,710	4,028	-	-	-
1974	-	-	-	-	4,140	4,494	-	-	-
1975	-	-	...	-	4,449	4,830	-	-	-
1976	-	-	...	-	4,444	4,891	-	-	-
1977	-	-	...	-	15,647	4,765	-	-	-
1978	-	-	...	-	6,987	7,585	-	-	-
1979	-	-	...	-	22,426	5,702	-	-	-
1980	-	-	...	-	13,240	3,351	-	402	-
1981	-	-	...	-	14,048	4,683	-	1,452	-
1982	-	-	...	-	26,607	4,081	766	8,901	-
1983	-	388	5,581	-	36,645	4,210	-	13,271	-
1984	-	4,262	3,999	-	24,247	8,538	775	10,635	-
1985	-	-	2,289	-	28,477	14,303	9,148	9,554	1,604
1986	-	-	4,875	-	38,982	18,343	6,989	19,760	3,743
1987	-	-	3,763	-	39,125	11,873	12,035	39,882	5,614
1988	-	-	3,509	-	29,677	9,006	8,356	63,812	5,339
1989	-	-	5,424	-	34,300	10,409	16,668	82,560	3,400
1990	-	-	3,959	-	53,751	19,045	16,466	134,414	1,505
1991	-	-	5,256	-	62,078	14,612	17,529	163,978	2,601
1992	-	-	985	-	43,607	18,721	25,888	147,079	1,689
1993	-	-	937	-	34,555	19,231	20,225	77,581	5,499
1994	-	-	3,088	987	48,469	17,721	14,742	152,487	3,310
1995	-	-	1,654	9,404	61,185	31,166	19,810	139,608	...
1996	-	-	3,492	9,341	61,126	31,136	24,767	129,754	...
1997	-	-	6,510	11,396	61,178	31,162	22,553	121,617	...
1998	-	-	8,118	36,356	64,832	33,024	32,071	135,958	...
1999	-	-	5,656	29,197	60,445	30,789	24,533	110,449	...
2000	6,625	-	12,759	53,123	62,797	31,987	27,748	141,113	...
2001	32,583	-	8,300	66,652	58,614	29,857	15,421	143,503	...
2002	37,732	-	16,870	90,873	61,111	31,128	19,569	166,867	...
2003	35,272	-	19,480	121,448	76,860	39,150	24,339	153,447	...
2004	42,078	-	20,289	175,201	79,540	40,516	27,288	152,126	...

Table 77 (continued). Purse-seine catches (tonnes) of skipjack in the WCPFC Statistical Area

YEAR	SOLOMON ISLANDS	SPAIN	CHINESE TAIPEI	UNITED STATES	VANUATU	TOTAL
1960	-	-	-	-	-	3,728
1961	-	-	-	-	-	11,693
1962	-	-	-	-	-	11,674
1963	-	-	-	-	-	9,592
1964	-	-	-	-	-	25,006
1965	-	-	-	-	-	4,657
1966	-	-	-	-	-	10,949
1967	-	-	-	-	-	10,931
1968	-	-	-	-	-	7,587
1969	-	-	-	-	-	5,057
1970	-	-	-	-	-	10,585
1971	-	-	-	-	-	17,034
1972	-	-	-	-	-	21,664
1973	-	-	-	-	-	23,299
1974	-	-	-	-	-	15,630
1975	-	-	-	-	-	18,409
1976	-	-	-	500	-	28,495
1977	-	-	-	700	-	40,085
1978	-	-	-	800	-	43,120
1979	-	-	-	8,000	-	65,069
1980	497	-	-	9,900	-	82,586
1981	1,486	-	-	21,482	-	94,889
1982	1,598	-	-	49,705	-	173,826
1983	2,800	-	9,840	124,697	-	323,235
1984	3,050	-	20,160	113,755	-	331,330
1985	2,824	-	23,520	83,763	-	308,047
1986	3,267	-	34,400	87,983	-	368,138
1987	3,580	-	44,720	77,575	-	375,079
1988	6,467	-	66,880	93,636	-	497,052
1989	5,923	-	84,800	95,027	-	482,785
1990	4,417	-	104,960	110,044	-	603,347
1991	7,056	-	140,800	177,389	-	769,631
1992	5,993	-	169,400	155,898	-	739,913
1993	4,655	-	109,324	148,419	-	588,595
1994	7,648	-	134,736	151,486	730	731,853
1995	11,212	-	147,831	132,518	5,577	729,736
1996	7,270	-	161,407	120,127	8,080	737,471
1997	15,947	-	115,934	79,386	16,685	665,579
1998	16,573	-	193,728	131,573	27,442	945,752
1999	17,291	5,670	160,453	129,262	35,106	791,740
2000	6,159	6,427	194,499	81,368	34,010	865,312
2001	8,022	1,201	182,531	85,539	8,615	842,356
2002	4,884	142	229,415	88,535	17,500	994,993
2003	8,874	...	169,492	62,907	19,026	980,411
2004	6,817	3,479	181,524	47,896	44,809	1,056,033

Table 78. Other catches (tonnes) of skipjack in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; '+' = greater than zero, but less than 0.5 tonnes; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA TROLL	AUSTRALIA UNCLASS	FIJI ISLANDS TROLL	FRENCH POLYNESIA POTI MARARA	FRENCH POLYNESIA TROLL	GUAM TROLL	INDONESIA UNCLASS	JAPAN TROLL	JAPAN UNCLASS
1960	...	...	-	...	-	...	5,657	3,119	
1961	...	...	-	...	-	...	6,104	4,479	
1962	...	...	-	...	-	...	6,586	3,050	
1963	...	...	-	...	-	...	7,106	2,820	
1964	...	...	-	...	-	...	7,667	4,034	
1965	...	...	-	...	-	...	8,273	2,644	
1966	...	...	-	...	-	...	8,927	3,571	
1967	...	...	-	...	-	...	9,632	4,177	
1968	...	...	-	...	-	...	10,393	2,963	
1969	...	...	-	...	-	...	11,214	6,530	
1970	...	...	-	...	-	...	12,100	6,642	
1971	...	...	-	...	-	...	12,400	2,249	
1972	...	...	-	...	-	...	19,600	6,074	
1973	...	...	-	...	-	...	22,300	9,818	
1974	...	...	-	...	-	...	23,613	5,919	
1975	...	...	-	...	-	...	23,316	5,193	
1976	...	...	-	...	-	...	25,338	6,226	
1977	...	...	-	...	-	...	26,376	5,434	
1978	...	...	-	...	-	...	29,422	8,274	
1979	...	...	-	...	-	...	36,310	7,508	
1980	...	...	-	...	-	12	19,055	7,547	
1981	...	...	-	...	-	17	20,207	5,134	
1982	7	...	-	...	-	57	21,380	7,390	
1983	27	...	...	...	-	43	27,706	7,907	
1984	53	...	-	...	-	98	18,149	8,125	
1985	18	...	0	...	-	48	18,132	5,108	
1986	62	...	8	...	-	34	13,225	9,265	
1987	53	...	14	...	-	27	13,490	6,036	
1988	69	...	13	...	-	96	14,165	8,647	
1989	55	...	15	...	...	56	14,873	5,946	
1990	23	...	18	56	...	67	15,617	8,446	
1991	19	...	22	53	...	54	18,032	8,657	
1992	31	...	43	47	...	56	40,413	8,023	
1993	11	...	70	51	...	50	29,592	10,090	
1994	61	...	41	63	...	85	24,828	6,357	
1995	75	...	54	130	...	81	25,497	11,873	1,536
1996	24	0	58	144	...	108	27,733	6,006	959
1997	14	0	54	176	...	96	26,963	8,781	668
1998	7	0	(54)	474	-	86	36,451	7,946	1,065
1999	16	0	(54)	479	-	54	39,491	5,304	1,132
2000	7	1	(54)	377	-	121	37,371	14,528	1,158
2001	7	3	(54)	477	3	151	32,771	6,949	1,021
2002	5	1	(54)	515	...	80	31,888	6,376	866
2003	9	2	(54)	435	...	83	31,178	(6,376)	(866)
2004	9	+	(54)	(435)	...	73	31,609	(6,376)	(866)

Table 78 (continued). Other catches (tonnes) of skipjack in the WCPFC Statistical Area

YEAR	KIRIBATI ARTISANAL	NEW ZEALAND UNCLASS	NORTHERN MARIANAS TROLL	PHILIPPINES GILL NET	PHILIPPINES HANDLINE	PHILIPPINES UNCLASS	CHINESE TAIPEI UNCLASS	USA (HAWAII) TROLL	TOTAL
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	...	...	20,668
1965	...	-	...	4,357	3,542	1,643	...	...	20,459
1966	...	-	...	4,605	3,839	1,712	...	...	22,654
1967	...	-	...	4,867	4,161	1,784	...	...	24,621
1968	...	-	...	5,144	4,511	1,859	...	...	24,870
1969	...	-	...	5,437	4,890	1,937	...	...	30,008
1970	...	-	...	5,747	5,301	2,018	322	...	32,130
1971	...	-	...	6,149	5,672	2,160	466	...	29,096
1972	...	-	...	6,753	6,229	2,370	582	...	41,608
1973	...	-	...	7,586	6,997	2,664	536	...	49,901
1974	...	-	...	8,464	7,807	2,972	442	...	49,217
1975	...	-	...	9,096	8,391	3,194	533	...	49,723
1976	...	-	...	8,246	7,607	2,447	521	...	50,385
1977	...	-	...	14,608	13,475	3,870	945	...	64,708
1978	...	-	...	14,286	13,178	5,017	1,422	...	71,599
1979	...	-	...	3,677	10,006	1,269	940	...	59,710
1980	...	-	...	4,331	9,383	558	956	...	41,842
1981	...	-	...	2,995	14,406	1,867	1,112	...	45,738
1982	...	-	...	2,437	7,735	9,405	437	...	48,848
1983	...	-	84	1,815	8,999	4,936	931	...	52,448
1984	...	-	133	988	9,287	1,084	535	...	38,452
1985	...	-	80	2,183	10,309	4,529	776	...	41,183
1986	...	-	115	2,851	13,683	2,519	756	...	42,518
1987	...	-	74	2,656	14,627	3,449	966	...	41,392
1988	...	-	121	2,015	11,095	2,616	552	...	39,389
1989	...	-	118	2,328	12,823	3,024	861	...	40,099
1990	...	116	68	8,125	9,444	8,408	737	...	51,125
1991	...	0	53	8,257	9,598	7,192	960	...	52,897
1992	...	0	38	6,249	7,264	6,621	1,175	...	69,960
1993	...	0	44	1,452	8,351	4,029	1,084	...	54,824
1994	...	0	41	2,954	8,106	6,208	899	...	49,643
1995	...	3	60	1,202	11,655	4,147	1,764	155	58,232
1996	...	+	94	1,201	11,644	4,142	1,908	224	54,245
1997	...	+	76	1,202	11,654	4,145	1,339	197	55,365
1998	...	2	76	1,274	12,350	4,392	(1,339)	147	65,663
1999	2,790	+	48	1,188	11,514	4,095	(1,339)	184	67,688
2000	5,850	+	206	1,234	11,962	4,255	(1,339)	88	78,551
2001	530	+	261	1,152	11,166	3,971	(1,339)	111	59,966
2002	2,520	+	177	1,201	11,641	4,141	(1,339)	98	60,902
2003	940	0	77	1,510	14,641	5,209	(1,339)	101	62,820
2004	(940)	...	66	1,563	15,152	5,390	(1,339)	94	63,966

YELLOWFIN IN THE WCPFC STATISTICAL AREA

Table 79. Longline catches (tonnes) of yellowfin in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA	AUSTRALIA DOMESTIC	AUSTRALIA-JAPAN JOINT VENTURE	CHINA	COOK ISLANDS	FEDERATED STATES OF MICRONESIA	FIJI ISLANDS	FRENCH POLYNESIA
1960	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	-	-	-
1972	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-
1985	-	9	-	-	-	-	-	-
1986	-	13	-	-	-	-	-	-
1987	-	1,164	-	-	-	-	-	-
1988	1	922	-	20	-	-	-	-
1989	-	833	80	45	-	-	10	-
1990	-	786	4	173	-	-	23	6
1991	0	807	0	481	-	11	106	118
1992	-	1,017	0	1,315	-	93	202	150
1993	1	781	1	2,754	-	61	319	366
1994	1	1,221	43	4,823	11	117	625	275
1995	2	1,313	0	5,837	22	153	949	297
1996	12	1,660	-	2,757	8	152	1,376	380
1997	22	1,680	-	1,419	...	267	970	420
1998	42	2,152	-	1,435	...	530	862	480
1999	64	1,839	-	2,237	...	225	725	756
2000	86	1,740	-	2,207	...	495	2,465	1,202
2001	188	2,557	-	1,919	1	345	2,082	967
2002	485	3,020	-	1,844	52	199	2,027	507
2003	497	3,110	-	3,358	179	314	2,482	621
2004	888	1,948	-	(3,358)	458	207	4,164	1,042

Table 79 (continued). Longline catches (tonnes) of yellowfin in the WCPFC Statistical Area

YEAR	INDONESIA	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI	MARSHALL ISLANDS	NAURU	NEW CALEDONIA	NEW ZEALAND
1960	...	254	51,841	-	-	-	-	-
1961	...	295	49,618	-	-	-	-	-
1962	...	291	52,088	-	-	-	-	-
1963	...	267	49,887	-	-	-	-	-
1964	...	150	41,507	-	-	-	-	-
1965	...	195	39,627	-	-	-	-	-
1966	...	1,388	51,923	-	-	-	-	-
1967	...	2,187	24,954	-	-	-	-	-
1968	...	1,067	27,792	-	-	-	-	-
1969	...	2,459	29,116	-	-	-	-	-
1970	...	4,220	34,908	-	-	-	-	-
1971	...	3,057	32,366	-	-	-	-	-
1972	...	3,794	32,411	-	-	-	-	-
1973	...	2,576	33,906	-	-	-	-	-
1974	...	2,477	35,963	-	-	-	-	-
1975	...	5,237	32,897	-	-	-	-	-
1976	...	7,132	36,977	-	-	-	-	-
1977	...	7,605	46,701	-	-	-	-	-
1978	1,111	7,873	64,897	-	-	-	-	-
1979	1,164	6,867	55,233	-	-	-	-	-
1980	1,351	5,840	66,189	-	-	-	-	-
1981	1,651	5,123	55,603	-	-	-	-	-
1982	3,295	5,117	47,310	-	-	-	-	-
1983	958	6,207	50,036	-	-	-	9	-
1984	1,526	5,968	39,427	-	-	-	28	-
1985	2,254	6,229	40,548	-	-	-	133	-
1986	2,227	6,199	32,340	-	-	-	169	-
1987	8,458	7,148	29,268	-	-	-	502	-
1988	8,881	7,528	36,328	-	-	-	488	-
1989	4,683	7,685	28,231	-	-	-	278	6
1990	5,034	7,800	28,779	-	-	-	617	4
1991	6,365	8,034	20,966	-	-	-	567	6
1992	7,017	8,452	25,523	-	3	-	373	13
1993	5,410	7,950	25,745	-	70	-	433	14
1994	5,041	6,970	27,302	-	23	-	437	32
1995	5,364	6,886	26,547	5	12	-	839	94
1996	6,378	6,257	21,393	0	...	-	554	141
1997	5,331	6,079	18,558	...	-	-	466	121
1998	6,594	5,888	17,217	...	-	-	185	116
1999	6,813	5,500	12,275	...	-	-	373	149
2000	7,721	6,895	20,823	...	-	8	250	98
2001	7,006	5,944	12,288	...	-	5	570	130
2002	7,557	3,896	12,030	...	-	2	572	26
2003	6,637	5,522	12,058	...	-	6	754	0
2004	6,810	3,488	9,400	...	-	1	631	0

Table 79 (continued). Longline catches (tonnes) of yellowfin in the WCPFC Statistical Area

YEAR	PALAU	PAPUA NEW GUINEA	PHILIPPINES	REPUBLIC OF KOREA	SAMOA	SOLOMON ISLANDS	CHINESE TAIPEI DISTANT WATER	CHINESE TAIPEI OFFSHORE DOMESTIC
1960	-	-	...	84	-	-	...	1,301
1961	-	-	...	46	-	-	...	2,606
1962	-	-	...	47	-	-	...	5,513
1963	-	-	...	252	-	-	...	5,149
1964	-	-	...	400	-	-	139	5,671
1965	-	-	...	1,430	-	-	629	7,204
1966	-	-	...	2,020	-	-	1,848	8,635
1967	-	-	...	2,071	-	-	2,867	4,579
1968	-	-	...	3,046	-	-	8,261	7,202
1969	-	-	...	4,975	-	-	9,562	5,721
1970	-	-	537	3,663	-	-	6,095	6,132
1971	-	-	601	3,832	-	-	12,639	5,080
1972	-	-	625	6,685	-	-	14,177	3,323
1973	-	-	748	6,653	-	91	7,846	10,373
1974	-	-	869	5,191	-	-	5,708	7,778
1975	-	-	887	9,529	-	-	7,271	13,539
1976	-	-	748	15,118	-	146	4,913	12,425
1977	-	-	1,059	16,179	-	198	6,025	16,471
1978	-	-	630	13,812	-	207	2,462	19,165
1979	-	-	829	18,421	-	493	3,262	22,629
1980	-	-	1,076	22,795	-	564	5,828	18,265
1981	-	-	1,480	10,245	-	146	1,966	17,778
1982	-	-	1,734	8,954	-	306	975	16,508
1983	-	-	2,581	8,445	-	443	839	16,260
1984	-	-	1,174	6,792	-	213	1,416	16,107
1985	-	-	1,663	10,047	-	151	1,185	13,554
1986	-	-	2,204	9,532	-	-	1,144	10,884
1987	-	-	3,449	11,435	-	-	917	14,061
1988	-	-	2,897	13,736	-	-	3,008	14,337
1989	-	-	3,156	9,671	-	-	848	11,933
1990	-	-	2,015	12,967	-	-	1,910	10,801
1991	-	...	2,375	7,420	-	-	2,241	8,689
1992	48	...	1,114	12,773	-	-	1,314	10,151
1993	39	8	954	8,704	81	-	1,536	8,450
1994	31	30	1,291	9,548	73	-	1,977	8,136
1995	...	149	1,214	9,596	216	199	1,725	9,650
1996	...	184	1,220	12,478	573	533	1,038	10,364
1997	1	389	1,341	11,888	1,327	886	855	9,994
1998	...	481	1,578	13,156	801	657	1,049	9,456
1999	...	490	1,799	8,293	681	533	995	10,347
2000	63	844	1,799	12,991	1,120	557	1,639	8,376
2001	41	1,793	1,663	13,768	470	159	2,479	12,741
2002	3	1,738	1,987	15,497	369	412	4,953	9,145
2003	19	1,686	2,534	12,134	293	362	4,981	10,567
2004	28	2,526	2,579	10,058	444	538	9,018	7,756

Table 79 (continued). Longline catches (tonnes) of yellowfin in the WCPFC Statistical Area

YEAR	CHINESE TAIPEI OFFSHORE FOREIGN	TONGA	UNITED STATES	VANUATU	TOTAL
1960	-	-	137	-	53,617
1961	-	-	152	-	52,717
1962	-	-	110	-	58,049
1963	-	-	118	-	55,673
1964	-	-	133	-	48,000
1965	-	-	153	-	49,238
1966	-	-	159	-	65,973
1967	-	-	141	-	36,799
1968	-	-	99	-	47,467
1969	-	-	106	-	51,939
1970	-	-	251	-	55,806
1971	-	-	191	-	57,766
1972	-	-	160	-	61,175
1973	-	-	98	-	62,291
1974	-	-	130	-	58,116
1975	-	-	102	-	69,462
1976	-	-	111	-	77,570
1977	-	-	176	-	94,414
1978	-	-	172	-	110,329
1979	-	-	145	-	109,043
1980	-	-	536	-	122,444
1981	-	-	673	-	94,665
1982	-	81	708	-	84,988
1983	-	48	361	-	86,187
1984	-	55	330	-	73,036
1985	-	44	300	-	76,117
1986	-	33	269	-	65,014
1987	...	32	261	-	76,695
1988	...	26	595	-	88,767
1989	...	27	988	-	68,474
1990	3,473	27	1,103	-	75,522
1991	3,353	19	756	-	62,314
1992	3,332	19	362	-	73,271
1993	2,799	64	633	-	67,173
1994	6,768	46	615	-	75,436
1995	8,865	59	1,073	47	81,113
1996	9,189	88	816	276	77,827
1997	7,032	100	1,245	265	70,656
1998	4,948	125	859	25	68,636
1999	6,578	163	549	...	61,384
2000	7,042	175	1,195	...	79,791
2001	7,106	259	1,016	...	75,497
2002	7,895	263	572	239	75,290
2003	4,814	263	809	359	74,359
2004	(4,814)	163	694	470	71,483

Table 80. Pole-and-line catches (tonnes) of yellowfin in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA	FIJI ISLANDS	FRENCH POLYNESIA	INDONESIA	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI	NEW CALEDONIA	NEW ZEALAND
1960	-	-	-	...	1,872		-	-	-
1961	-	-	-	...	3,259		-	-	-
1962	-	-	-	...	4,225		-	-	-
1963	-	-	-	...	2,071		-	-	-
1964	-	-	-	...	4,932		-	-	-
1965	-	-	-	...	3,261		-	-	-
1966	-	-	-	...	2,121		-	-	-
1967	-	-	-	...	3,073		-	-	-
1968	-	-	-	...	2,689		-	-	-
1969	-	-	-	...	129	2,452	-	-	-
1970	-	-	-	...	116	2,465	-	-	-
1971	-	-	-	...	188	2,393	-	-	-
1972	-	-	-	...	258	5,544	-	-	-
1973	-	-	-	...	234	6,058	-	-	-
1974	-	12	-	...	253	4,407	-	-	-
1975	-	11	...	...	285	5,420	-	-	-
1976	1	84	...	456	213	7,351	-	-	-
1977	0	151	...	532	104	9,906	-	-	-
1978	16	409	...	1,044	149	7,633	-	-	-
1979	...	403	161	1,716	224	6,011	...	-	-
1980	...	233	253	2,042	111	6,227	...	-	-
1981	0	584	472	1,814	147	9,055	209	3	-
1982	5	753	368	1,698	301	9,499	169	41	-
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	-	-
1986	0	823	232	2,050	326	8,410	523	-	-
1987	0	425	149	2,091	317	8,454	161	-	-
1988	0	464	274	2,195	502	8,129	545	-	-
1989	63	461	187	3,198	472	9,146	844	-	-
1990	22	478	138	3,990	211	6,970	143	-	0
1991	10	368	251	5,660	182	5,404	67	-	0
1992	1	395	248	5,887	209	6,904	303	-	0
1993	4	628	236	4,767	157	4,529	108	-	2
1994	29	743	161	6,291	259	4,034	71	-	1
1995	9	558	306	6,694	503	4,514	48	-	11
1996	75	164	126	7,960	384	4,896	5	-	6
1997	43	46	142	6,654	492	3,727	1	-	0
1998	0	7	118	8,230	477	3,062	-	-	0
1999	(0)	0	160	8,503	515	3,646	-	-	1
2000	(3)	2	110	9,636	377	3,475	-	-	0
2001	0	44	84	8,744	520	2,616	-	-	0
2002	0	(44)	99	9,432	874	2,501	-	-	0
2003	-	(44)	69	8,285	(874)	2,089	-	-	0
2004	0	(44)	(69)	8,499	(874)	(2,089)	-	-	0

Table 80 (continued). Pole-and-line catches (tonnes) of yellowfin in the WCPFC Statistical Area

YEAR	PALAU	PAPUA NEW GUINEA	SOLOMON ISLANDS	TUVALU	UNITED STATES	TOTAL
1960	-	-	-	-	...	1,872
1961	-	-	-	-	...	3,259
1962	-	-	-	-	...	4,225
1963	-	-	-	-	...	2,071
1964	141	-	-	-	...	5,073
1965	173	-	-	-	...	3,434
1966	71	-	-	-	...	2,192
1967	52	-	-	-	...	3,125
1968	17	-	-	-	...	2,706
1969	133	-	-	-	...	2,714
1970	1	74	-	-	18	2,674
1971	10	112	141	-	22	2,866
1972	56	1,345	237	-	25	7,465
1973	41	916	195	-	14	7,458
1974	161	1,416	310	-	23	6,582
1975	298	1,744	18	-	25	7,801
1976	412	8,563	63	-	43	17,186
1977	420	4,009	114	-	21	15,257
1978	303	3,099	52	-	62	12,767
1979	1	2,881	192	-	49	11,638
1980	996	3,018	197	-	91	13,168
1981	2,480	4,205	211	-	89	19,269
1982	615	-	227	53	106	13,835
1983	-	-	578	51	55	13,266
1984	-	274	338	27	54	13,558
1985	15	930	338	...	103	18,156
1986	19	-	565	12	114	13,074
1987	22	-	1,456	90	78	13,243
1988	38	-	1,189	21	76	13,433
1989	5	-	776	7	10	15,169
1990	8	-	1,100	26	17	13,103
1991	-	-	953	6	20	12,921
1992	14	-	1,246	2	16	15,225
1993	...	-	2,263	-	4	12,698
1994	...	-	2,144	-	9	13,742
1995	...	-	2,391	-	16	15,050
1996	...	-	1,875	-	1	15,492
1997	...	-	1,257	-	0	12,362
1998	...	-	1,215	-	1	13,110
1999	...	-	982	-	10	13,817
2000	...	-	141	-	1	13,745
2001	...	-	153	-	2	12,163
2002	...	-	405	-	2	13,357
2003	...	-	655	-	23	12,039
2004	0	-	257	-	23	11,855

Table 81. Purse-seine catches (tonnes) of yellowfin in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AUSTRALIA DOMESTIC	AUSTRALIA DISTANT WATER	CHINA	FEDERATED STATES OF MICRONESIA	INDONESIA DOMESTIC	INDONESIA DISTANT WATER	JAPAN COASTAL	JAPAN OFFSHORE & DISTANT WATER	KIRIBATI
1960	-	-	-	-	...	-	1,438	...	-
1961	-	-	-	-	...	-	2,777	...	-
1962	-	-	-	-	...	-	6,975	...	-
1963	-	-	-	-	...	-	2,277	...	-
1964	-	-	-	-	...	-	3,647	...	-
1965	-	-	-	-	...	-	3,752	...	-
1966	-	-	-	-	...	-	5,844	...	-
1967	-	-	-	-	...	-	3,395	33	-
1968	-	-	-	-	...	-	6,888	218	-
1969	-	-	-	-	...	-	3,854	3	-
1970	-	-	-	-	...	-	3,370	164	-
1971	-	-	-	-	...	-	1,536	2,830	-
1972	-	-	-	-	...	-	841	4,189	-
1973	-	-	-	-	...	-	1,575	7,276	-
1974	-	-	-	-	...	-	797	9,419	-
1975	...	-	-	-	...	-	243	5,595	-
1976	...	-	-	-	...	-	1,194	7,649	-
1977	...	-	-	-	...	-	74	6,825	-
1978	0	-	-	-	...	-	919	8,465	-
1979	0	-	-	-	...	-	684	19,012	-
1980	0	-	-	-	1,959	-	936	20,077	-
1981	0	-	-	-	2,048	-	46	27,534	-
1982	0	-	-	-	1,285	-	690	31,088	-
1983	0	-	-	-	1,812	-	555	30,820	-
1984	0	-	-	-	1,897	...	887	38,652	-
1985	0	-	-	-	1,896	...	2,614	47,941	-
1986	-	-	-	-	1,485	1,366	405	44,467	-
1987	0	-	-	-	1,515	1,839	616	44,634	-
1988	-	26	-	-	1,590	1,714	574	30,125	-
1989	26	15	-	-	2,268	2,141	709	40,872	-
1990	0	866	-	-	2,399	...	513	37,742	-
1991	0	1,222	-	2,638	2,586	-	841	48,514	-
1992	0	561	-	3,360	2,435	-	1,269	53,088	-
1993	6	347	-	4,306	3,926	-	254	57,858	-
1994	0	-	-	3,871	5,288	-	42	39,866	202
1995	0	-	-	1,961	5,627	-	457	45,183	994
1996	8	-	-	662	6,691	-	1	24,539	593
1997	13	-	-	2,316	5,592	-	8	57,475	2,061
1998	0	-	-	2,481	6,917	-	68	37,712	1,942
1999	0	-	-	3,036	7,147	-	3	43,847	1,358
2000	0	-	-	4,748	8,099	-	6	36,125	1,199
2001	0	-	309	5,152	7,349	-	2	33,735	1,125
2002	0	-	487	4,604	7,927	-	87	19,138	865
2003	0	-	3,200	5,187	6,962	-	(87)	27,120	1,055
2004	21	-	(3,200)	3,276	7,143	-	(87)	22,626	644

Table 81 (continued). Purse-seine catches (tonnes) of yellowfin in the WCPFC Statistical Area

YEAR	MARSHALL ISLANDS	MEXICO	NEW ZEALAND	PAPUA NEW GUINEA	PHILIPPINES DOMESTIC PURSE SEINE	PHILIPPINES DOMESTIC RINGNET	PHILIPPINES DISTANT WATER	REPUBLIC OF KOREA	RUSSIA
1960	-	-	-	-	...	...	-	-	-
1961	-	-	-	-	...	...	-	-	-
1962	-	-	-	-	...	...	-	-	-
1963	-	-	-	-	...	...	-	-	-
1964	-	-	-	-	...	...	-	-	-
1965	-	-	-	-	...	...	-	-	-
1966	-	-	-	-	...	...	-	-	-
1967	-	-	-	-	...	...	-	-	-
1968	-	-	-	-	...	...	-	-	-
1969	-	-	-	-	...	...	-	-	-
1970	-	-	-	-	4,277	1,511	-	-	-
1971	-	-	-	-	4,784	1,690	-	-	-
1972	-	-	-	-	4,972	1,757	-	-	-
1973	-	-	-	-	5,947	2,102	-	-	-
1974	-	-	-	-	6,914	2,444	-	-	-
1975	-	-	...	-	7,055	2,493	-	-	-
1976	-	-	...	-	5,945	2,100	-	-	-
1977	-	-	...	-	8,428	2,978	-	-	-
1978	-	-	...	-	3,720	910	-	-	-
1979	-	-	...	-	7,884	3,190	-	-	-
1980	-	-	...	-	7,369	3,852	-	88	-
1981	-	-	...	-	12,909	3,459	-	540	-
1982	-	-	...	-	14,659	1,251	415	2,882	-
1983	-	69	239	-	15,676	3,028	-	2,572	-
1984	-	2,036	231	-	16,855	3,839	742	3,095	-
1985	-	-	170	-	13,843	5,595	2,908	1,536	507
1986	-	-	0	-	11,376	4,461	1,423	7,371	428
1987	-	-	0	-	13,654	2,627	3,376	17,109	3,351
1988	-	-	0	-	12,830	3,633	2,993	14,280	843
1989	-	-	0	-	13,973	3,957	6,435	31,078	1,521
1990	-	-	0	-	14,515	3,760	6,675	36,281	616
1991	-	-	0	-	17,109	4,431	8,103	59,744	1,104
1992	-	-	0	-	10,895	2,447	11,154	74,515	433
1993	-	-	0	-	4,001	1,411	8,327	46,682	3,187
1994	-	-	0	344	12,275	3,180	4,347	40,562	3,382
1995	-	-	0	3,018	13,402	3,472	7,102	34,234	...
1996	-	-	5	909	13,473	3,490	7,180	16,135	...
1997	-	-	0	5,516	14,806	3,835	9,237	32,437	...
1998	-	-	0	10,752	17,416	4,511	9,010	60,362	...
1999	-	-	0	7,617	19,865	5,145	5,625	29,295	...
2000	896	-	776	12,963	19,859	5,144	6,575	27,884	...
2001	2,909	-	834	22,338	18,372	4,758	8,249	33,187	...
2002	1,046	-	3,097	24,214	21,941	5,683	5,973	36,447	...
2003	2,048	-	2,985	31,807	27,975	7,246	6,257	34,458	...
2004	3,632	-	1,997	23,166	28,483	7,377	5,153	29,472	...

Table 81 (continued). Purse-seine catches (tonnes) of yellowfin in the WCPFC Statistical Area

YEAR	SOLOMON ISLANDS	SPAIN	CHINESE TAIPEI	UNITED STATES	VANUATU	TOTAL
1960	-	-	-	-	-	1,438
1961	-	-	-	-	-	2,777
1962	-	-	-	-	-	6,975
1963	-	-	-	-	-	2,277
1964	-	-	-	-	-	3,647
1965	-	-	-	-	-	3,752
1966	-	-	-	-	-	5,844
1967	-	-	-	-	-	3,428
1968	-	-	-	-	-	7,106
1969	-	-	-	-	-	3,857
1970	-	-	-	-	-	9,322
1971	-	-	-	-	-	10,840
1972	-	-	-	-	-	11,759
1973	-	-	-	-	-	16,900
1974	-	-	-	-	-	19,574
1975	-	-	-	-	-	15,386
1976	-	-	-	188	-	17,076
1977	-	-	-	188	-	18,493
1978	-	-	-	188	-	14,202
1979	-	-	-	583	-	31,353
1980	393	-	-	1,027	-	35,701
1981	1,174	-	-	15,212	-	62,922
1982	1,263	-	-	21,456	-	74,989
1983	2,213	-	1,895	49,922	-	108,801
1984	2,096	-	3,430	41,553	-	115,313
1985	2,522	-	3,993	22,495	-	106,020
1986	1,990	-	4,906	30,684	-	110,362
1987	3,350	-	6,364	59,592	-	158,027
1988	3,705	-	8,024	18,832	-	99,169
1989	3,607	-	13,732	42,886	-	163,220
1990	3,242	-	20,494	52,089	-	179,192
1991	3,271	-	32,026	37,330	-	218,919
1992	4,384	-	46,275	43,693	-	254,509
1993	4,930	-	58,642	46,011	-	239,888
1994	4,527	-	43,061	56,426	85	217,458
1995	5,825	-	33,745	31,845	1,082	187,947
1996	7,585	-	16,172	19,417	641	117,501
1997	6,078	-	48,792	54,638	7,413	250,217
1998	5,391	-	64,764	37,678	8,737	267,741
1999	6,775	1,506	41,905	34,529	9,677	217,330
2000	2,518	2,825	38,579	29,961	3,326	201,483
2001	3,668	467	45,853	24,143	2,363	214,813
2002	2,416	24	26,068	27,191	2,377	189,585
2003	4,934	...	29,058	20,079	1,956	212,414
2004	7,208	1,196	15,968	14,492	3,334	178,475

Table 82. Other catches (tonnes) of yellowfin in the WCPFC Statistical Area. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch; estimates in parentheses have been carried over from previous years.

YEAR	AMERICAN SAMOA TROLL	AUSTRALIA UNCLASS	FIJI ISLANDS TROLL	FRENCH POLYNESIA POTI MARARA	FRENCH POLYNESIA TROLL	GUAM TROLL	INDONESIA HANDLINE
1960	...	...	-	...	-	...	...
1961	...	...	-	...	-	...	...
1962	...	...	-	...	-	...	...
1963	...	...	-	...	-	...	...
1964	...	...	-	...	-	...	...
1965	...	...	-	...	-	...	...
1966	...	...	-	...	-	...	...
1967	...	...	-	...	-	...	...
1968	...	...	-	...	-	...	...
1969	...	...	-	...	-	...	...
1970	...	...	-	...	-	...	...
1971	...	...	-	...	-	...	...
1972	...	...	-	...	-	...	...
1973	...	...	-	...	-	...	...
1974	...	...	-	...	-	...	...
1975	...	...	-	...	-	...	...
1976	...	...	-	...	-	...	...
1977	...	...	-	...	-	...	...
1978	...	...	-	...	-	...	...
1979	...	...	-	...	-	...	...
1980	...	...	-	...	-	9	...
1981	...	...	-	...	-	16	...
1982	3	...	-	...	-	51	...
1983	9	...	3	...	-	29	...
1984	27	...	-	...	-	31	2,057
1985	18	...	3	...	-	42	2,322
1986	23	...	6	...	-	25	2,502
1987	12	...	13	...	-	18	2,553
1988	22	...	9	...	-	37	2,650
1989	24	...	26	...	...	18	2,492
1990	11	...	20	106	...	32	2,921
1991	12	...	13	121	...	20	4,029
1992	11	...	15	77	...	61	5,389
1993	8	...	104	80	...	23	4,363
1994	22	...	41	118	...	32	6,740
1995	24	...	(41)	140	...	42	7,172
1996	17	0	(41)	160	...	49	8,528
1997	10	1	(41)	99	...	41	7,128
1998	3	2	(41)	190	-	62	8,816
1999	5	0	(41)	257	-	58	9,110
2000	2	1	(41)	350	-	35	10,324
2001	3	2	(41)	264	-	27	9,368
2002	5	1	(41)	307	-	20	10,104
2003	3	5	(41)	211	-	31	8,875
2004	3	11	(41)	(211)	-	46	9,105

Table 82 (continued). Other catches (tonnes) of yellowfin in the WCPFC Statistical Area

YEAR	INDONESIA UNCLASS	JAPAN TROLL	JAPAN UNCLASS	KIRIBATI ARTISANAL	NEW ZEALAND UNCLASS	NORTHERN MARIANAS TROLL	PHILIPPINES GILL NET
1960	1,758	582		...	-	...	1,682
1961	1,950	808		...	-	...	1,736
1962	2,163	953		...	-	...	1,792
1963	2,399	453		...	-	...	1,849
1964	2,660	864		...	-	...	1,908
1965	2,950	466		...	-	...	1,969
1966	3,271	1,662		...	-	...	2,032
1967	3,628	3,212		...	-	...	2,097
1968	4,024	1,553		...	-	...	2,164
1969	4,463	535		...	-	...	2,233
1970	4,950	1,287		...	-	...	2,304
1971	5,130	227		...	-	...	2,578
1972	8,100	839		...	-	...	2,678
1973	9,180	430		...	-	...	3,203
1974	9,149	690		...	1	...	3,724
1975	9,956	572		...	1	...	3,801
1976	6,777	871		...	0	...	3,202
1977	9,241	536		...	0	...	4,540
1978	7,403	615		...	15	...	4,426
1979	10,334	1,420		...	16	...	1,824
1980	10,463	842		1,812	51	...	2,071
1981	14,213	733		(1,812)	26	...	2,390
1982	15,654	528		(1,812)	2	...	1,247
1983	13,715	497		(1,812)	1	10	1,134
1984	16,326	776		(1,812)	2	9	1,945
1985	18,117	653		(1,812)	1	6	1,836
1986	22,703	676		(1,812)	7	8	1,923
1987	22,259	963		(1,812)	7	5	1,945
1988	23,739	1,346		(1,812)	5	8	1,983
1989	28,211	1,399		(1,812)	9	5	2,159
1990	29,057	694		(1,812)	+	5	2,542
1991	35,643	1,293		(1,812)	+	6	2,996
1992	40,698	1,548		(1,812)	0	11	1,582
1993	32,953	1,706		(1,812)	+	6	1,026
1994	40,630	1,476		(1,812)	0	6	3,825
1995	43,233	1,263	1,550	(1,812)	+	10	1,493
1996	51,408	1,464	1,616	(1,812)	+	21	1,501
1997	42,970	1,822	2,083	(1,812)	1	13	1,650
1998	53,150	1,709	2,043	(1,812)	0	9	1,940
1999	54,917	1,777	4,974	930	0	11	2,213
2000	62,234	2,258	2,421	3,900	0	1	2,213
2001	56,472	2,840	3,136	250	0	16	2,047
2002	60,913	2,524	2,841	2,050	1	7	2,444
2003	53,504	(2,524)	(2,841)	1,120	+	12	3,117
2004	54,888	(2,524)	(2,841)	(1,120)	...	12	3,173

Table 82 (continued). Other catches (tonnes) of yellowfin in the WCPFC Statistical Area

YEAR	PHILIPPINES HANDLINE	PHILIPPINES UNCLASS	CHINESE TAIPEI UNCLASS	USA (HAWAII) TROLL	TOTAL
1960	10,708	1,189	...	...	15,919
1961	11,350	1,200	...	...	17,044
1962	12,031	1,211	...	...	18,150
1963	12,753	1,222	...	...	18,676
1964	13,518	1,233	...	...	20,183
1965	14,329	1,244	...	...	20,958
1966	15,189	1,255	...	...	23,409
1967	16,100	1,266	...	...	26,303
1968	17,066	1,277	...	...	26,084
1969	18,090	1,288	...	...	26,609
1970	19,175	1,300	406	...	29,422
1971	21,452	1,454	363	...	31,204
1972	22,291	1,510	331	...	35,749
1973	26,664	1,808	441	...	41,726
1974	30,998	2,101	334	...	46,997
1975	31,634	2,146	426	...	48,536
1976	26,651	1,806	1,359	...	40,666
1977	37,785	2,562	428	...	55,092
1978	22,796	1,719	1,517	...	38,491
1979	29,230	1,808	1,743	...	46,375
1980	26,721	1,036	901	...	43,906
1981	29,480	1,319	634	...	50,623
1982	27,261	1,103	565	...	48,226
1983	29,610	3,707	317	...	50,844
1984	28,339	1,337	1,037	...	53,698
1985	32,452	3,004	825	...	61,091
1986	33,076	1,065	847	...	64,673
1987	24,137	1,242	3,066	...	58,032
1988	29,326	1,184	3,583	...	65,704
1989	31,940	1,288	484	...	69,867
1990	45,061	5,824	2,153	...	90,238
1991	53,113	6,864	824	...	106,746
1992	22,101	2,742	544	...	76,591
1993	24,139	3,234	318	...	69,772
1994	34,519	3,135	52	...	92,408
1995	32,595	3,208	147	1,266	93,996
1996	32,768	3,225	159	1,131	103,900
1997	36,009	3,544	155	975	98,354
1998	42,358	4,168	155	1,056	117,514
1999	48,314	4,756	155	1,344	128,862
2000	48,300	4,753	155	1,044	138,032
2001	44,682	4,397	155	835	124,535
2002	53,362	5,252	155	605	140,632
2003	68,038	6,696	155	689	147,862
2004	69,275	6,818	155	695	150,918

TOTAL CATCHES BY OCEAN AREA

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

YEAR	SOUTH PACIFIC OCEAN					NORTH PACIFIC OCEAN					TOTAL
	LONGLINE	POLE-AND-LINE	TROLL	OTHER	SUBTOTAL	LONGLINE	POLE-AND-LINE	TROLL	OTHER	SUBTOTAL	
1950	-	...	-	-	-	16,740	12,863	32,746	5,835	68,184	68,184
1951	-	...	-	-	-	11,408	14,500	15,629	6,577	48,114	48,114
1952	154	...	-	-	154	26,733	41,787	23,914	1,764	94,198	94,352
1953	803	...	-	-	803	27,800	32,921	15,745	341	76,807	77,610
1954	9,578	...	-	-	9,578	20,971	28,069	12,246	208	61,494	71,072
1955	8,625	...	-	-	8,625	16,286	24,236	13,264	721	54,507	63,132
1956	7,281	...	-	-	7,281	14,347	42,810	18,768	539	76,464	83,745
1957	8,757	...	-	-	8,757	21,057	49,500	21,173	538	92,268	101,025
1958	18,636	...	-	-	18,636	18,439	22,175	14,929	180	55,723	74,359
1959	17,841	...	-	-	17,841	15,807	14,252	21,202	67	51,328	69,169
1960	22,248	45	-	-	22,293	17,373	25,156	20,105	769	63,403	85,696
1961	23,742	0	-	-	23,742	17,442	21,476	12,059	1,631	52,608	76,350
1962	35,219	0	-	-	35,219	15,771	9,814	19,753	1,926	47,264	82,483
1963	31,095	16	-	-	31,111	13,471	28,852	25,145	1,438	68,906	100,017
1964	22,824	0	-	-	22,824	15,488	27,269	18,391	1,271	62,419	85,243
1965	25,455	0	-	-	25,455	13,965	41,908	16,557	863	73,293	98,748
1966	38,661	0	-	-	38,661	25,329	24,430	15,377	1,285	66,421	105,082
1967	43,952	0	5	-	43,957	29,516	34,594	17,975	1,316	83,401	127,358
1968	32,368	0	14	-	32,382	24,670	21,503	21,462	2,327	69,962	102,344
1969	24,805	0	0	-	24,805	18,654	34,908	20,192	1,814	75,568	100,373
1970	34,734	100	50	-	34,884	17,747	28,679	21,422	1,595	69,443	104,327
1971	38,519	100	0	-	38,619	13,123	55,028	22,272	3,234	93,657	132,276
1972	39,122	122	268	-	39,512	16,094	52,876	27,521	1,447	97,938	137,450
1973	46,699	141	484	-	47,324	16,843	64,121	17,053	880	98,897	146,221
1974	33,033	812	898	-	34,743	13,862	73,527	21,509	1,391	110,289	145,032
1975	22,844	105	646	-	23,595	14,164	51,170	19,043	1,198	85,575	109,170
1976	28,952	100	25	-	29,077	17,787	81,592	16,183	3,242	118,804	147,881
1977	38,014	100	621	-	38,735	17,158	36,782	10,022	2,191	66,153	104,888
1978	32,888	100	1,686	-	34,674	13,400	58,595	16,636	7,211	95,842	130,516
1979	26,157	100	814	-	27,071	14,557	45,814	7,302	4,188	71,861	98,932
1980	30,967	101	1,468	-	32,536	15,513	43,902	7,768	4,693	71,876	104,412
1981	32,693	0	2,085	5	34,783	18,557	26,983	12,837	11,476	69,853	104,636
1982	28,347	1	2,434	6	30,788	17,664	29,942	6,713	13,900	68,219	99,007
1983	24,309	0	744	39	25,092	15,988	20,604	9,584	7,572	53,748	78,840
1984	20,340	2	2,773	1,589	24,704	15,564	27,369	9,354	18,705	70,992	95,696
1985	27,138	0	3,253	1,937	32,328	14,564	22,844	6,471	14,850	58,729	91,057
1986	32,637	0	2,003	1,946	36,586	13,047	14,611	4,738	10,986	43,382	79,968
1987	21,969	9	2,134	930	25,042	15,285	19,423	2,870	11,715	49,293	74,335
1988	28,284	0	4,296	5,283	37,863	15,316	8,110	4,367	18,913	46,706	84,569
1989	18,224	0	8,370	21,968	48,562	13,878	11,262	2,000	19,512	46,652	95,214
1990	19,366	245	6,975	7,538	34,124	16,173	14,114	2,905	26,114	59,306	93,430
1991	23,385	14	7,805	1,489	32,693	17,498	6,563	1,984	11,657	37,702	70,395
1992	30,592	11	6,578	65	37,246	19,423	15,029	4,934	17,233	56,619	93,865
1993	30,230	74	4,296	70	34,670	30,549	12,845	6,748	2,870	53,012	87,682
1994	34,286	67	7,164	89	41,606	30,742	30,524	13,134	3,647	78,047	119,653
1995	29,380	139	7,708	104	37,331	32,877	23,084	10,758	1,801	68,520	105,851
1996	23,862	57	7,367	156	31,442	39,289	22,623	21,849	692	84,453	115,895
1997	27,178	21	4,679	133	32,011	47,893	35,115	18,674	2,715	104,397	136,408
1998	37,828	47	6,258	85	44,218	47,831	27,878	20,074	2,665	98,448	142,666
1999	31,939	138	3,391	74	35,542	46,061	55,044	13,672	10,808	125,585	161,127
2000	33,980	102	6,120	139	40,341	43,522	21,853	15,245	4,719	85,339	125,680
2001	47,486	37	5,747	199	53,469	41,126	29,411	16,738	2,990	90,265	143,734
2002	58,095	18	4,738	152	63,003	24,829	49,956	16,323	6,929	98,037	161,040
2003	56,290	12	5,880	138	62,320	28,112	34,778	24,886	4,942	92,718	155,038
2004	50,306	78	5,139	59	55,582	24,682	34,778	25,946	4,942	90,348	145,930

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

YEAR	WESTERN AND CENTRAL PACIFIC OCEAN					EASTERN PACIFIC OCEAN					TOTAL
	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUBTOTAL	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUBTOTAL	
1950	18,244	646	...	...	18,890	...	...	...	...	...	18,890
1951	12,808	729	1,095	...	14,632	...	...	...	...	...	14,632
1952	24,355	2,100	1,039	...	27,494	...	...	...	...	...	27,494
1953	23,025	2,400	619	...	26,044	...	...	...	...	...	26,044
1954	16,204	2,100	360	...	18,664	1,610	...	...	...	1,610	20,274
1955	24,749	4,000	285	...	29,034	1,810	...	...	...	1,810	30,844
1956	28,342	4,400	908	...	33,650	2,408	...	...	...	2,408	36,058
1957	35,463	5,200	49	...	40,712	9,698	...	...	...	9,698	50,410
1958	44,390	4,200	48	...	48,638	10,592	...	...	...	10,592	59,230
1959	39,789	1,700	36	...	41,525	11,515	0	1	...	11,516	53,041
1960	42,147	1,500	58	...	43,705	17,722	0	24	...	17,746	61,451
1961	36,135	1,800	63	...	37,998	52,431	106	105	-	52,642	90,640
1962	34,206	800	173	...	35,179	45,050	318	302	-	45,670	80,849
1963	40,727	1,800	6	...	42,533	66,617	140	...	-	66,757	109,290
1964	29,328	1,100	231	0	30,659	46,279	127	...	-	46,406	77,065
1965	28,388	1,300	201	0	29,889	29,164	231	...	-	29,395	59,284
1966	30,713	1,100	9	0	31,822	34,800	292	210	-	35,302	67,124
1967	31,392	2,800	60	0	34,252	35,878	1,305	1,697	-	38,880	73,132
1968	25,140	2,300	183	0	27,623	35,233	116	4,618	-	39,967	67,590
1969	30,045	1,700	48	0	31,793	52,071	0	1,093	-	53,164	84,957
1970	34,348	1,600	726	2,756	39,430	33,341	0	2,410	-	35,751	75,181
1971	36,798	900	876	3,036	41,610	29,804	75	4,359	18	34,256	75,866
1972	49,334	1,762	865	3,478	55,439	36,128	126	3,972	-	40,226	95,665
1973	40,285	1,258	1,078	4,160	46,781	50,777	236	3,342	-	54,355	101,136
1974	41,787	1,039	1,389	4,620	48,835	36,961	0	1,554	-	38,515	87,350
1975	57,623	1,334	1,328	4,743	65,028	41,733	36	6,574	-	48,343	113,371
1976	68,514	3,423	1,312	3,882	77,131	54,290	75	17,214	7	71,586	148,717
1977	66,249	3,325	1,587	5,439	76,600	74,086	2	11,162	-	85,250	161,850
1978	50,375	3,337	1,151	3,699	58,562	70,659	0	18,539	-	89,198	147,760
1979	57,186	2,540	2,031	4,315	66,072	55,435	0	12,097	1	67,533	133,605
1980	56,520	2,278	2,160	4,029	64,987	64,335	0	21,939	130	86,404	151,391
1981	41,564	2,596	4,268	4,767	53,195	53,416	0	14,922	2	68,340	121,535
1982	45,204	4,108	5,251	4,566	59,129	53,365	42	6,939	0	60,346	119,475
1983	41,412	4,055	9,442	4,853	59,762	60,043	39	4,575	97	64,754	124,516
1984	46,429	3,465	9,055	5,039	63,988	46,394	2	8,860	17	55,273	119,261
1985	51,261	4,326	6,944	5,892	68,423	66,325	2	6,056	21	72,404	140,827
1986	46,741	2,865	7,712	6,222	63,540	102,425	0	2,685	9	105,119	168,659
1987	59,133	3,134	11,215	5,390	78,872	100,121	0	1,177	16	101,314	180,186
1988	48,934	4,125	8,220	6,179	67,458	72,758	5	1,535	6	74,304	141,762
1989	52,854	4,298	12,716	6,758	76,626	70,963	0	2,031	0	72,994	149,620
1990	65,229	3,918	12,414	8,747	90,308	98,871	0	5,920	15	104,806	195,114
1991	46,027	1,991	13,758	10,434	72,210	104,194	31	4,870	21	109,116	181,326
1992	61,825	1,757	20,313	7,591	91,486	84,800	0	7,179	21	92,000	183,486
1993	55,905	2,330	14,145	6,914	79,294	72,473	0	9,657	59	82,189	161,483
1994	63,371	2,951	10,929	9,170	86,421	71,359	0	34,900	808	107,067	193,488
1995	53,290	3,776	11,868	9,140	78,074	58,256	0	45,319	1,381	104,956	183,030
1996	43,550	3,864	21,526	10,186	79,126	46,957	0	61,312	746	109,015	188,141
1997	57,800	3,611	38,095	9,465	108,971	52,571	0	64,270	23	116,864	225,835
1998	74,076	2,446	24,924	11,421	112,867	46,347	0	44,128	617	91,092	203,959
1999	65,281	2,176	38,717	12,303	118,477	36,405	0	51,158	541	88,104	206,581
2000	61,074	2,988	32,511	13,221	109,794	47,511	0	94,083	269	141,863	251,657
2001	63,885	2,349	28,780	12,107	107,121	68,697	0	61,259	47	130,003	237,124
2002	78,761	2,805	29,085	13,634	124,285	72,778	0	57,412	30	130,220	254,505
2003	70,593	1,786	28,034	14,322	114,735	58,892	0	54,103	21	113,016	227,751
2004	75,231	1,809	27,786	14,646	119,472	39,729	0	66,944	6	106,679	226,151

Table 85. Total catches (tonnes) of skipjack in the Pacific Ocean. Symbols: '…' = missing data; '0' = effort, but no catch.

YEAR	WESTERN AND CENTRAL PACIFIC OCEAN					EASTERN PACIFIC OCEAN				TOTAL
	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUBTOTAL	POLE-AND-LINE	PURSE SEINE	OTHER	SUBTOTAL	
1950	34	33,386	...	6,483	39,903	49,534	5,741	1,299	56,574	96,477
1951	12	96,214	1,748	6,926	104,900	45,617	5,790	1,109	52,516	157,416
1952	54	78,518	3,716	7,400	89,688	32,724	4,806	905	38,435	128,123
1953	1	65,546	3,371	7,908	76,826	50,812	5,171	0	55,983	132,809
1954	0	88,073	4,534	8,453	101,060	61,221	8,519	2	69,742	170,802
1955	157	92,524	2,906	9,038	104,625	51,558	6,503	2	58,063	162,688
1956	0	91,950	2,145	9,666	103,761	64,971	3,204	0	68,175	171,936
1957	17	92,156	2,813	10,339	105,325	54,414	873	13	55,300	160,625
1958	0	131,441	10,698	11,060	153,199	67,594	5,481	31	73,106	226,305
1959	33	145,447	16,941	11,834	174,255	60,853	17,957	915	79,725	253,980
1960	0	70,428	3,728	12,663	86,819	28,929	16,649	481	46,059	132,878
1961	0	127,011	11,693	13,553	152,257	28,995	45,706	428	75,129	227,386
1962	4	152,387	11,674	14,509	178,574	17,660	58,939	503	77,102	255,676
1963	0	94,757	9,592	15,534	119,883	17,138	82,404	2,389	101,931	221,814
1964	5	137,106	25,006	16,634	178,751	10,306	51,759	3,609	65,674	244,425
1965	11	129,933	4,657	17,815	152,416	19,867	64,056	1,046	84,969	237,385
1966	52	215,600	10,949	19,083	245,684	14,083	50,264	1,960	66,307	311,991
1967	101	168,846	10,931	20,444	200,322	18,016	104,928	5,041	127,985	328,307
1968	60	162,379	7,587	21,907	191,933	7,339	59,642	10,130	77,111	269,044
1969	148	168,084	5,057	23,478	196,767	6,970	46,019	11,917	64,906	261,673
1970	1,656	197,873	10,585	25,488	235,602	7,470	47,467	7,257	62,194	297,796
1971	1,491	180,945	17,034	26,847	226,317	11,680	94,502	6,703	112,885	339,202
1972	1,545	172,827	21,664	35,534	231,570	6,555	29,804	1,144	37,503	269,073
1973	1,873	253,217	23,299	40,083	318,472	9,135	39,248	638	49,021	367,493
1974	2,113	289,202	15,630	43,298	350,243	7,629	79,416	510	87,555	437,798
1975	1,908	218,271	18,409	44,530	283,118	13,848	120,358	527	134,733	417,851
1976	2,069	276,582	28,495	44,159	351,305	11,256	124,958	713	136,927	488,232
1977	3,122	294,641	40,085	59,274	397,122	7,521	84,606	1,984	94,111	491,233
1978	3,235	331,401	43,120	63,325	441,081	6,048	172,293	1,334	179,675	620,756
1979	2,204	285,859	65,069	52,202	405,334	6,345	133,695	1,463	141,503	546,837
1980	638	333,457	82,586	34,283	450,964	5,226	130,912	1,971	138,109	589,073
1981	798	294,292	94,889	40,587	430,566	5,906	119,165	931	126,002	556,568
1982	1,066	262,244	173,826	41,394	478,530	3,760	100,498	411	104,669	583,199
1983	2,146	299,762	323,235	44,387	669,530	4,387	56,851	911	62,149	731,679
1984	874	379,474	331,330	30,043	741,721	2,884	59,859	870	63,613	805,334
1985	1,202	250,010	308,047	35,929	595,188	946	50,829	226	52,001	647,189
1986	1,463	336,695	368,138	33,034	739,330	1,921	65,635	192	67,748	807,078
1987	2,354	262,466	375,079	35,188	675,087	2,233	64,019	214	66,466	741,553
1988	1,973	301,031	497,052	30,443	830,499	4,325	87,113	689	92,127	922,626
1989	2,575	289,706	482,785	33,909	808,975	2,941	94,935	1,055	98,931	907,906
1990	1,294	224,592	603,347	42,503	871,736	824	74,370	1,926	77,120	948,856
1991	1,546	282,397	769,631	44,092	1,097,666	1,717	62,229	1,949	65,895	1,163,561
1992	1,155	226,589	739,913	61,769	1,029,426	1,956	84,283	1,115	87,354	1,116,780
1993	1,065	270,671	588,595	44,559	904,890	3,772	83,829	2,333	89,934	994,824
1994	1,499	231,385	731,853	43,058	1,007,795	3,240	70,127	799	74,166	1,081,961
1995	1,410	266,736	729,736	45,934	1,043,816	5,253	127,045	1,992	134,290	1,178,106
1996	4,692	230,576	737,471	47,731	1,020,470	2,555	103,976	1,563	108,094	1,128,564
1997	4,750	250,685	665,579	46,147	967,161	3,260	153,456	223	156,939	1,124,100
1998	4,870	287,945	945,752	57,347	1,295,914	1,684	140,631	296	142,611	1,438,525
1999	4,108	293,269	791,740	62,028	1,151,145	2,044	261,564	1,494	265,102	1,416,247
2000	5,468	287,842	865,312	63,547	1,222,169	236	205,240	73	205,549	1,427,718
2001	5,436	228,336	842,356	52,430	1,128,558	570	143,948	1,183	145,701	1,274,259
2002	4,080	224,146	994,993	54,112	1,277,331	496	153,633	212	154,341	1,431,672
2003	4,474	247,291	980,411	56,120	1,288,296	416	275,089	676	276,181	1,564,477
2004	4,745	245,353	1,056,033	57,294	1,363,425	481	196,911	43	197,435	1,560,860

Table 86. Total catches (tonnes) of yellowfin in the Pacific Ocean. Symbols: '…' = missing data; '-' = no effort;.

YEAR	WESTERN AND CENTRAL PACIFIC OCEAN					EASTERN PACIFIC OCEAN					TOTAL
	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUBTOTAL	LONGLINE	POLE-AND-LINE	PURSE SEINE	OTHER	SUBTOTAL	
1950	12,844	799	...	8,919	22,562	-	65,921	15,856	879	82,656	105,218
1951	8,862	900	938	9,395	20,095	-	65,499	6,598	727	72,824	92,919
1952	17,453	2,595	2,565	9,901	32,514	-	66,108	13,735	1,067	80,910	113,424
1953	23,139	5,228	1,260	10,440	40,067	-	43,920	16,121	...	60,041	100,108
1954	22,662	4,268	4,001	11,013	41,944	209	46,541	7,625	...	54,375	96,319
1955	22,800	3,983	2,944	11,624	41,351	427	50,811	13,086	...	64,324	105,675
1956	25,336	4,399	724	12,274	42,733	967	58,828	21,470	...	81,265	123,998
1957	41,911	1,669	1,496	12,967	58,043	5,854	58,402	15,544	...	79,800	137,843
1958	41,804	2,934	3,338	13,705	61,781	4,927	46,776	20,560	...	72,263	134,044
1959	42,802	4,119	4,316	14,495	65,732	3,437	27,441	30,050	670	61,598	127,330
1960	53,617	1,872	1,438	15,337	72,264	5,934	22,151	79,425	458	107,968	180,232
1961	52,717	3,259	2,777	16,236	74,989	12,500	15,220	80,058	949	108,727	183,716
1962	58,049	4,225	6,975	17,197	86,446	10,211	11,052	56,271	706	78,240	164,686
1963	55,673	2,071	2,277	18,223	78,244	18,973	7,041	48,004	688	74,706	152,950
1964	47,994	5,073	3,647	19,319	76,033	16,975	3,989	78,318	738	100,020	176,053
1965	49,232	3,434	3,752	20,492	76,910	15,620	6,983	65,348	312	88,263	165,173
1966	65,942	2,192	5,844	21,747	95,725	9,097	5,302	68,982	507	83,888	179,613
1967	36,436	3,125	3,428	23,091	66,080	9,286	4,511	65,441	1,491	80,729	146,809
1968	46,969	2,706	7,106	24,531	81,312	14,986	4,306	86,541	3,223	109,056	190,368
1969	51,684	2,714	3,857	26,074	84,329	15,329	7,194	113,664	1,869	138,056	222,385
1970	55,481	2,674	9,322	28,135	95,612	12,643	4,260	139,386	4,856	161,145	256,757
1971	56,927	2,866	10,840	30,977	101,610	8,013	5,301	104,863	2,496	120,673	222,283
1972	60,251	7,465	11,759	34,910	114,385	16,859	6,059	164,297	1,060	188,275	302,660
1973	61,818	7,458	16,900	41,296	127,472	11,697	3,933	194,200	659	210,489	337,961
1974	57,490	6,582	19,574	46,307	129,953	7,190	8,188	191,625	1,230	208,233	338,186
1975	68,416	7,801	15,386	47,964	139,567	10,640	5,630	183,029	568	199,867	339,434
1976	76,363	17,186	17,076	39,795	150,420	15,632	3,280	215,106	353	234,371	384,791
1977	92,680	15,257	18,493	54,556	180,986	12,355	1,841	184,922	263	199,381	380,367
1978	108,555	12,767	14,202	37,876	173,400	10,188	3,887	158,800	1,120	173,995	347,395
1979	105,065	11,638	31,353	44,955	193,011	11,473	4,790	170,648	225	187,136	380,147
1980	119,942	13,168	35,701	43,055	211,866	13,477	1,480	143,042	849	158,848	370,714
1981	93,125	19,269	62,922	49,874	225,190	7,999	1,477	168,235	805	178,516	403,706
1982	84,014	13,835	74,989	47,644	220,482	10,961	1,538	114,754	283	127,536	348,018
1983	83,662	13,266	108,801	50,296	256,025	10,894	4,007	83,928	1,182	100,011	356,036
1984	70,258	13,558	115,313	52,855	251,984	10,345	2,991	135,785	357	149,478	401,462
1985	73,818	18,156	106,020	60,369	258,363	13,198	1,069	211,460	308	226,035	484,398
1986	62,609	13,074	110,362	63,935	249,980	22,807	2,537	260,512	293	286,149	536,129
1987	73,975	13,243	158,027	57,021	302,266	18,911	5,107	262,007	335	286,360	588,626
1988	84,169	13,433	99,169	64,282	261,053	14,659	3,723	277,293	958	296,633	557,686
1989	65,089	15,169	163,220	68,395	311,873	17,032	4,145	277,995	564	299,736	611,609
1990	71,098	13,103	179,192	89,476	352,869	34,634	2,675	263,251	1,724	302,284	655,153
1991	57,368	12,921	218,919	105,402	394,610	30,729	2,856	231,257	1,247	266,089	660,699
1992	69,961	15,225	254,509	74,945	414,640	18,526	3,789	228,121	3,276	253,712	668,352
1993	64,493	12,698	239,888	67,925	385,004	23,808	4,950	219,494	3,700	251,952	636,956
1994	70,629	13,742	217,458	90,831	392,660	29,545	3,625	208,409	1,978	243,557	636,217
1995	78,596	15,050	187,947	91,350	372,943	20,054	1,268	215,434	2,570	239,326	612,269
1996	74,467	15,492	117,501	101,177	308,637	16,426	3,761	238,606	1,356	260,149	568,786
1997	68,061	12,362	250,217	95,452	426,092	21,448	4,418	244,878	2,004	272,748	698,840
1998	63,664	13,110	267,741	114,634	459,149	14,196	5,084	253,959	2,183	275,422	734,571
1999	58,861	13,817	217,330	125,626	415,634	10,642	1,783	281,920	3,617	297,962	713,596
2000	74,864	13,745	201,483	134,651	424,743	22,766	2,386	254,988	2,029	282,169	706,912
2001	71,448	12,163	214,813	120,773	419,197	28,482	3,785	382,402	1,205	415,874	835,071
2002	70,975	13,357	189,585	137,430	411,347	22,437	954	412,285	773	436,449	847,796
2003	71,288	12,039	212,414	144,562	440,303	22,192	478	380,523	2,071	405,264	845,567
2004	69,075	11,855	178,475	147,597	407,002	2,041	1,905	268,356	1,442	273,744	680,746

Table 87. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the WCPFC Statistical Area

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	29,603	27	18,890	17	39,903	36	22,562	20	110,958
1951	25,908	15	14,632	9	106,576	63	21,115	13	168,231
1952	64,564	30	27,494	13	92,302	42	33,152	15	217,512
1953	56,718	28	26,044	13	80,321	39	40,498	20	203,581
1954	54,007	25	18,664	9	104,161	47	42,694	19	219,526
1955	45,568	20	29,034	13	108,251	48	42,360	19	225,213
1956	61,102	25	33,650	14	107,189	44	43,277	18	245,218
1957	73,851	26	40,712	15	106,941	38	58,557	21	280,061
1958	52,009	16	48,638	15	157,383	49	62,758	20	320,788
1959	40,954	13	41,525	13	177,274	54	66,910	20	326,663
1960	56,608	22	43,705	17	89,938	34	72,846	28	263,097
1961	51,513	16	37,998	12	156,736	49	75,797	24	322,044
1962	46,252	13	35,179	10	181,624	52	87,399	25	350,454
1963	53,067	18	42,533	14	122,703	41	78,697	26	297,000
1964	50,374	15	30,696	9	182,785	54	76,903	23	340,758
1965	69,965	21	29,922	9	155,060	47	77,382	23	332,329
1966	74,843	17	31,944	7	249,255	55	97,418	21	453,460
1967	88,998	22	35,345	9	204,522	51	69,655	17	398,520
1968	63,731	17	28,385	8	194,919	53	83,363	23	370,398
1969	71,472	18	32,055	8	203,303	52	85,119	22	391,949
1970	72,769	16	40,093	9	242,257	54	97,224	21	452,343
1971	99,796	21	43,192	9	228,601	48	102,676	22	474,265
1972	95,097	19	57,164	11	237,664	47	116,148	23	506,073
1973	123,013	20	48,966	8	328,313	52	128,375	20	628,667
1974	110,971	17	52,800	8	356,198	55	131,269	20	651,238
1975	80,151	14	69,088	12	288,337	50	141,185	24	578,761
1976	125,963	18	82,183	11	357,571	50	152,498	21	718,215
1977	86,148	11	82,622	11	402,576	53	183,256	24	754,602
1978	107,798	14	64,956	8	449,369	56	175,789	22	797,912
1979	86,727	11	72,890	9	412,846	54	198,409	26	770,872
1980	91,886	11	70,404	8	458,525	55	215,219	26	836,034
1981	86,707	11	57,605	7	435,719	54	227,479	28	807,510
1982	88,928	10	61,983	7	485,986	57	222,038	26	858,935
1983	64,478	6	63,754	6	677,592	64	259,098	24	1,064,922
1984	74,945	7	69,580	6	750,133	65	255,605	22	1,150,263
1985	78,039	8	74,816	7	600,450	59	261,384	26	1,014,689
1986	70,614	6	72,840	6	748,819	65	253,123	22	1,145,396
1987	67,307	6	87,730	8	681,300	60	305,997	27	1,142,334
1988	77,446	6	85,305	7	839,452	66	267,073	21	1,269,276
1989	90,477	7	87,148	7	815,170	62	316,730	24	1,309,525
1990	86,562	6	100,445	7	880,363	62	358,055	25	1,425,425
1991	62,550	4	84,717	5	1,106,474	67	400,900	24	1,654,641
1992	84,081	5	104,027	6	1,037,618	63	419,596	26	1,645,322
1993	76,060	5	87,649	6	915,159	62	389,531	27	1,468,399
1994	101,105	6	95,751	6	1,014,400	63	399,044	25	1,610,300
1995	94,346	6	86,066	5	1,056,119	65	378,106	23	1,614,637
1996	94,124	6	86,306	6	1,026,991	67	314,720	21	1,522,141
1997	116,757	7	114,957	7	976,448	60	431,589	26	1,639,751
1998	117,255	6	122,037	6	1,304,383	65	467,001	23	2,010,676
1999	134,897	7	125,144	7	1,156,929	63	421,393	23	1,838,363
2000	100,181	5	120,380	6	1,237,177	65	433,051	23	1,890,789
2001	115,587	6	117,177	7	1,136,105	63	427,008	24	1,795,877
2002	144,773	7	134,485	7	1,284,166	65	418,864	21	1,982,288
2003	122,481	6	122,354	6	1,295,065	65	446,674	22	1,986,574
2004	119,628	6	129,499	6	1,370,252	67	412,731	20	2,032,110

Table 88. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the WCPFC Statistical Area by gear type. Symbols: '…' = missing data.

YEAR	LONGLINE		POLE-AND-LINE		PURSE SEINE		TROLL		OTHER		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	47,862	43	47,694	43	...	...	...	-	15,402	14	110,958
1951	33,090	20	112,343	67	3,781	2	2,696	2	16,321	10	168,231
1952	64,248	30	125,000	57	7,474	3	3,252	1	17,538	8	217,512
1953	69,792	34	106,095	52	5,288	3	3,926	2	18,480	9	203,581
1954	64,743	29	122,510	56	8,918	4	3,851	2	19,504	9	219,526
1955	68,894	31	124,743	55	6,143	3	4,635	2	20,798	9	225,213
1956	71,913	29	143,559	59	3,777	2	3,972	2	21,997	9	245,218
1957	101,508	36	148,525	53	4,441	2	2,130	1	23,457	8	280,061
1958	115,896	36	160,750	50	14,092	4	5,161	2	24,889	8	320,788
1959	109,259	33	165,518	51	21,293	7	4,197	1	26,396	8	326,663
1960	127,140	48	98,956	38	5,224	2	3,701	1	28,076	11	263,097
1961	121,451	38	150,709	47	14,540	5	5,287	2	30,057	9	322,044
1962	129,538	37	166,141	47	18,875	5	4,003	1	31,897	9	350,454
1963	122,770	41	125,048	42	11,934	4	3,273	1	33,975	11	297,000
1964	103,413	30	167,137	49	29,012	9	4,924	1	36,272	11	340,758
1965	105,983	32	176,158	53	8,621	3	3,139	1	38,428	12	332,329
1966	148,090	33	241,722	53	16,913	4	5,320	1	41,415	9	453,460
1967	127,059	32	205,252	52	14,508	4	7,646	2	44,055	11	398,520
1968	118,992	32	183,982	50	15,143	4	4,734	1	47,547	13	370,398
1969	120,247	31	204,646	52	9,442	2	7,127	2	50,487	13	391,949
1970	139,939	31	226,632	50	20,912	5	8,025	2	56,835	13	452,343
1971	141,937	30	238,162	50	30,501	6	2,497	1	61,168	13	474,265
1972	158,651	31	231,302	46	34,374	7	7,200	1	74,546	15	506,073
1973	166,306	26	323,959	52	41,539	7	10,790	2	86,073	14	628,667
1974	145,133	22	366,385	56	36,786	6	7,606	1	95,328	15	651,238
1975	163,810	28	275,438	48	35,276	6	6,606	1	97,631	17	578,761
1976	197,461	27	376,183	52	48,030	7	7,363	1	89,178	12	718,215
1977	218,127	29	348,608	46	60,776	8	6,779	1	120,312	16	754,602
1978	211,797	27	405,250	51	58,751	7	11,107	1	111,007	14	797,912
1979	211,144	27	345,648	45	98,584	13	10,042	1	105,454	14	770,872
1980	227,212	27	392,523	47	120,770	14	9,991	1	85,538	10	836,034
1981	188,397	23	342,392	42	162,325	20	8,136	1	106,260	13	807,510
1982	177,297	21	309,705	36	254,617	30	10,642	1	106,674	12	858,935
1983	169,875	16	337,080	32	441,702	41	9,487	1	106,778	10	1,064,922
1984	156,608	14	422,837	37	459,120	40	12,157	1	99,541	9	1,150,263
1985	172,643	17	293,838	29	422,549	42	9,447	1	116,212	11	1,014,689
1986	163,988	14	366,813	32	487,831	43	12,462	1	114,302	10	1,145,396
1987	180,216	16	298,117	26	545,766	48	9,522	1	108,713	10	1,142,334
1988	198,814	16	326,101	26	605,637	48	14,924	1	123,800	10	1,269,276
1989	163,659	12	320,381	24	660,841	50	16,411	1	148,233	11	1,309,525
1990	183,905	13	255,857	18	796,906	56	16,463	1	172,294	12	1,425,425
1991	157,166	9	303,886	18	1,005,826	61	18,303	1	169,460	10	1,654,641
1992	193,449	12	258,611	16	1,019,499	62	17,008	1	156,755	10	1,645,322
1993	188,306	13	298,618	20	844,308	57	16,545	1	120,622	8	1,468,399
1994	209,460	13	278,669	17	962,462	60	15,499	1	144,210	9	1,610,300
1995	204,534	13	308,705	19	930,830	58	23,677	1	146,891	9	1,614,637
1996	194,573	13	272,588	18	876,754	58	18,743	1	159,483	10	1,522,141
1997	211,592	13	301,721	18	954,990	58	19,769	1	151,679	9	1,639,751
1998	236,225	12	331,347	16	1,239,457	62	19,866	1	183,781	9	2,010,676
1999	205,641	11	364,384	20	1,054,232	57	13,659	1	200,447	11	1,838,363
2000	224,953	12	326,461	17	1,101,467	58	26,112	1	211,796	11	1,890,789
2001	232,816	13	272,157	15	1,086,928	61	18,254	1	185,722	10	1,795,877
2002	252,356	13	289,904	15	1,217,735	61	16,498	1	205,795	10	1,982,288
2003	235,952	12	295,847	15	1,221,696	61	17,470	1	215,609	11	1,986,574
2004	232,331	11	293,814	14	1,269,226	62	16,685	1	220,054	11	2,032,110

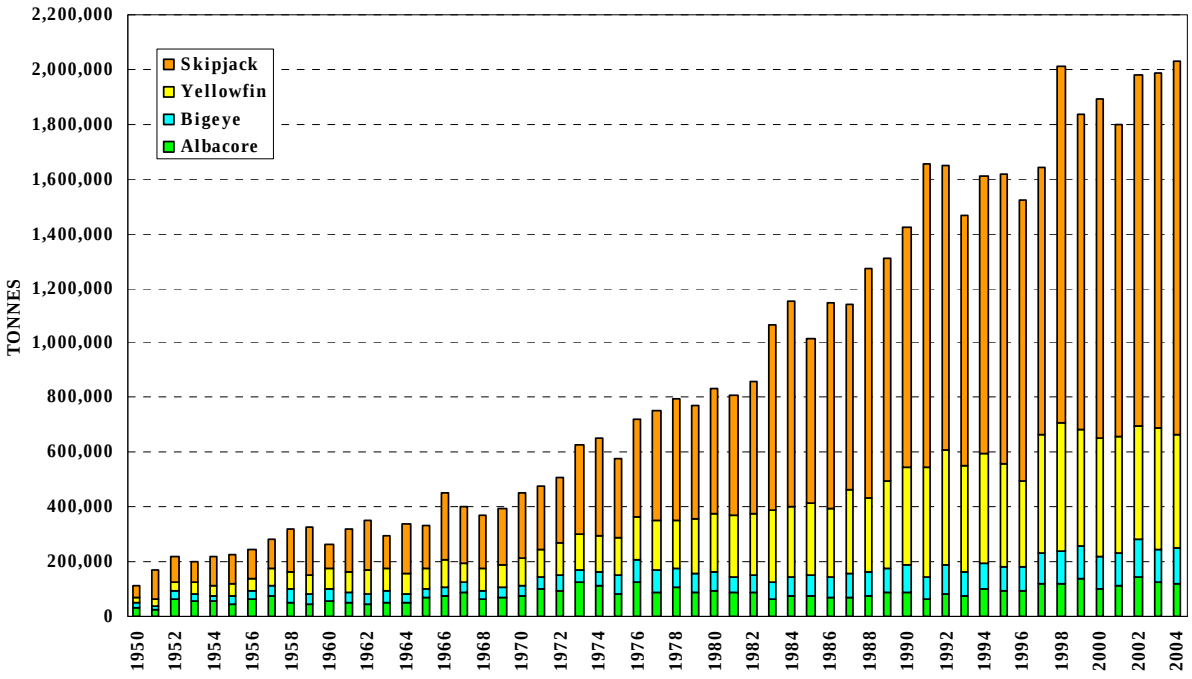

Figure 112. Catches in the WCPFC Statistical Area, by species

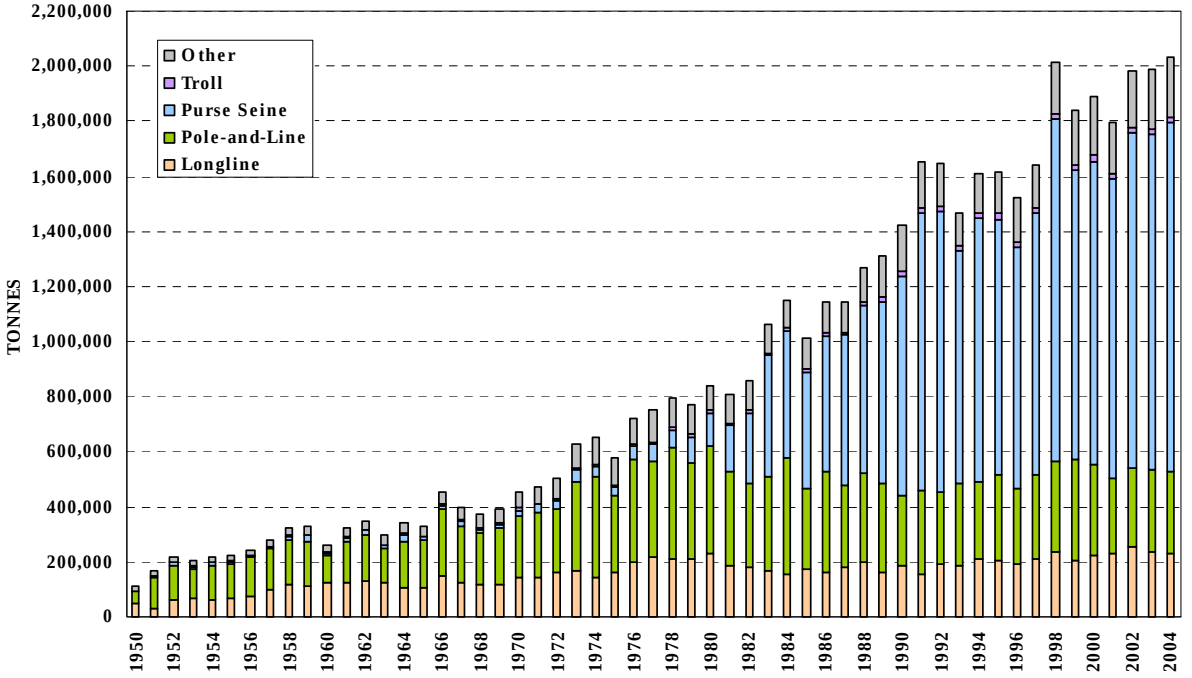

Figure 113. Catches in the WCPFC Statistical Area, by gear type

Table 89. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the WCPFC Statistical Area by fishing nation. Symbols: '…' = missing data; '-' = no effort; '0' = effort, but no catch.

YEAR	AMERICAN SAMOA	AUSTRALIA	CANADA	CHINA	COOK ISLANDS	FEDERATED STATES OF MICRONESIA	FIJI ISLANDS	FRENCH POLYNESIA	GUAM
1960	-	-	...	-	-	-	-	-	-
1961	-	-	...	-	-	-	-	-	-
1962	-	-	...	-	-	-	-	-	-
1963	-	-	...	-	-	-	-	-	-
1964	-	-	...	-	-	-	-	-	-
1965	-	-	...	-	-	-	-	-	-
1966	-	-	...	-	-	-	-	-	-
1967	-	-	...	-	-	-	-	-	-
1968	-	-	...	-	-	-	-	-	-
1969	-	-	...	-	-	-	-	-	-
1970	-	100	...	-	-	-	-	-	-
1971	-	100	...	-	-	-	-	-	-
1972	-	100	...	-	-	-	-	-	-
1973	-	100	...	-	-	-	-	-	-
1974	-	100	...	-	-	-	12	-	-
1975	-	2,000	...	-	-	-	11	...	-
1976	-	147	...	-	-	-	742	...	-
1977	-	131	...	-	-	-	1,711	...	-
1978	-	375	...	-	-	-	2,524	...	-
1979	-	100	...	-	-	-	3,494	696	-
1980	-	117	...	-	-	-	2,496	936	21
1981	-	357	...	-	-	-	5,836	1,001	33
1982	10	238	...	-	-	-	4,428	1,034	108
1983	36	230	...	-	-	-	3,741	836	72
1984	80	147	...	-	-	-	4,572	1,250	129
1985	36	18	...	-	-	-	3,946	836	90
1986	85	101	...	-	-	-	3,125	961	59
1987	65	1,455	...	-	-	-	3,889	878	45
1988	93	1,752	235	44	-	-	3,891	715	133
1989	79	2,836	235	144	-	-	5,189	856	74
1990	34	6,983	235	453	-	-	3,830	2,109	99
1991	32	9,380	235	1,007	-	11,338	5,298	2,335	74
1992	42	9,524	235	2,715	-	15,472	4,790	2,019	117
1993	20	7,212	235	6,419	-	16,157	4,966	2,387	73
1994	85	5,415	235	12,677	42	21,702	5,937	2,804	117
1995	129	6,288	259	10,586	71	6,490	7,009	3,343	123
1996	143	5,249	1,028	6,026	16	7,819	6,803	3,583	157
1997	361	7,769	1,122	3,664	...	8,777	4,354	4,564	137
1998	518	5,135	882	3,272	...	15,232	4,013	5,710	148
1999	454	7,541	418	7,515	...	11,205	4,075	5,200	112
2000	754	6,926	916	6,244	...	21,688	9,660	6,833	156
2001	3,570	4,877	592	9,947	4	17,649	11,308	7,736	178
2002	6,771	4,604	413	15,336	1,042	21,707	11,548	7,347	100
2003	4,889	5,112	440	42,207	1,881	30,831	10,852	6,273	114
2004	3,814	3,675	182	42,212	2,472	27,684	17,302	5,065	119

Table 89 (continued). Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the WCPFC Statistical Area by fishing nation

YEAR	INDONESIA	JAPAN	KIRIBATI	MARSHALL ISLANDS	MEXICO	NAURU	NEW CALEDONIA	NEW ZEALAND	NORTHERN MARIANAS
1960	7,415	232,344	...	-	-	-	-	-	-
1961	8,054	288,638	...	-	-	-	-	-	-
1962	8,749	311,858	...	-	-	-	-	-	-
1963	9,505	255,590	...	-	-	-	-	-	-
1964	10,327	294,182	...	-	-	-	-	-	-
1965	11,223	274,221	...	-	-	-	-	-	-
1966	12,198	378,402	...	-	-	-	-	-	-
1967	13,260	311,736	...	-	-	-	-	5	-
1968	14,417	273,571	...	-	-	-	-	14	-
1969	15,677	292,606	...	-	-	-	-	...	-
1970	17,600	322,258	...	-	-	-	-	50	-
1971	18,100	317,158	...	-	-	-	-	...	-
1972	28,600	330,046	...	-	-	-	-	268	-
1973	32,500	409,569	...	-	-	-	-	484	-
1974	33,779	424,621	...	-	-	-	-	899	-
1975	34,378	353,340	...	-	-	-	-	647	-
1976	33,375	467,750	...	-	-	-	-	25	-
1977	37,235	460,788	...	-	-	-	-	621	-
1978	40,024	508,156	...	-	-	-	-	1,701	-
1979	50,973	466,526	...	-	-	-	-	830	-
1980	61,795	518,638	1,812	-	-	-	-	1,519	-
1981	68,809	456,961	2,376	-	-	-	229	2,111	-
1982	74,056	497,600	2,269	-	-	-	868	2,436	-
1983	84,532	548,816	3,406	-	468	-	461	6,565	94
1984	96,662	633,575	3,843	-	6,600	-	150	7,005	142
1985	101,905	509,868	2,531	-	0	-	281	5,713	86
1986	111,733	573,866	3,226	-	-	-	367	6,793	123
1987	124,175	498,806	2,246	-	-	-	1,102	5,035	79
1988	129,922	590,614	3,284	-	-	-	1,092	3,923	129
1989	145,320	517,426	4,094	-	-	-	871	10,323	123
1990	142,237	466,632	2,407	-	-	-	1,730	7,120	73
1991	168,844	479,860	2,036	-	-	-	1,536	7,765	59
1992	194,659	467,569	2,363	9	-	-	1,092	4,524	49
1993	173,969	514,857	2,104	137	-	-	1,294	4,415	50
1994	196,897	473,349	3,131	48	-	-	1,355	8,513	47
1995	204,837	478,941	5,423	22	-	-	1,274	8,147	70
1996	230,449	416,646	6,645	...	-	-	1,201	10,194	115
1997	211,816	507,929	7,020	-	-	-	977	10,451	89
1998	277,732	550,650	9,389	-	-	-	1,543	15,154	85
1999	296,242	490,814	9,793	-	-	-	1,616	10,141	59
2000	298,256	496,739	14,723	7,560	-	9	1,662	18,918	207
2001	264,852	442,306	5,399	35,774	-	11	1,718	15,403	277
2002	268,123	456,325	9,867	38,952	-	5	1,926	25,752	184
2003	251,591	468,244	6,710	37,875	-	20	2,007	30,766	89
2004	256,190	447,362	6,660	46,672	-	1	2,189	28,494	78

Table 89 (continued). Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the WCPFC Statistical Area by fishing nation

YEAR	PALAU	PAPUA NEW GUINEA	PHILIPPINES	REPUBLIC OF KOREA	RUSSIA	SAMOA	SOLOMON ISLANDS	SPAIN	CHINESE TAIPEI
1960	-	-	20,585	744	-	-	-	-	1,301
1961	-	-	21,735	385	-	-	-	-	2,606
1962	-	-	22,957	708	-	-	-	-	5,513
1963	-	-	24,252	1,955	-	-	-	-	5,149
1964	1,166	-	25,626	2,527	-	-	-	-	6,414
1965	2,670	-	27,084	7,078	-	-	-	-	9,552
1966	2,686	-	28,632	13,405	-	-	-	-	17,624
1967	3,406	-	30,275	14,469	-	-	-	-	24,923
1968	5,056	-	32,021	10,794	-	-	-	-	34,158
1969	4,762	-	33,875	17,077	-	-	-	-	27,513
1970	8,082	2,428	52,000	16,927	-	-	-	-	32,405
1971	2,143	16,974	57,200	16,541	-	-	4,711	-	40,901
1972	1,519	13,130	60,700	17,678	-	-	7,905	-	45,708
1973	2,350	28,216	70,900	25,938	-	-	6,624	-	51,679
1974	6,808	41,630	81,188	14,105	-	-	10,332	-	37,417
1975	6,269	17,369	84,450	29,343	-	-	7,094	-	43,550
1976	5,323	32,921	73,653	44,464	-	-	15,763	-	42,981
1977	4,012	24,115	118,149	43,722	-	-	12,202	-	50,557
1978	9,694	48,859	87,319	33,102	-	-	18,353	-	46,328
1979	5,688	26,857	94,308	41,915	-	-	24,289	-	43,344
1980	6,576	33,994	77,505	46,102	-	-	23,241	-	47,820
1981	9,411	31,412	94,616	33,326	-	-	22,832	-	37,737
1982	4,053	-	104,047	39,797	-	-	20,071	-	32,123
1983	-	-	118,529	37,822	-	-	33,432	-	43,946
1984	-	2,744	105,217	33,809	-	-	35,615	-	55,936
1985	97	9,300	137,308	44,868	2,111	-	29,997	-	55,642
1986	131	-	145,097	63,760	4,175	-	42,249	-	65,653
1987	161	-	141,461	92,018	8,995	-	29,437	-	86,673
1988	157	-	124,786	114,669	6,189	-	40,513	-	123,744
1989	77	-	151,124	140,927	4,935	-	34,262	-	142,183
1990	88	-	204,808	205,415	2,126	-	26,612	-	181,057
1991	-	-	224,530	248,562	3,715	-	46,888	-	216,067
1992	213	-	167,045	260,197	2,126	-	30,558	-	270,751
1993	206	8	136,014	150,165	8,714	300	28,006	-	206,991
1994	184	1,381	168,299	226,531	6,722	736	33,925	-	223,512
1995	100	12,700	198,941	206,176	...	2,151	49,665	-	228,735
1996	100	10,572	205,324	174,948	...	2,375	38,697	-	226,362
1997	107	19,400	212,457	188,667	...	5,498	47,442	-	216,801
1998	100	50,727	239,742	247,929	...	5,925	48,378	-	306,727
1999	100	38,980	230,555	173,490	...	5,056	45,662	8,613	252,361
2000	240	68,818	238,856	207,498	...	5,375	12,929	12,896	279,947
2001	62	95,262	214,731	216,691	...	5,503	17,217	2,402	285,096
2002	4	123,532	236,983	254,593	...	4,775	18,707	214	317,896
2003	20	160,782	297,434	221,079	...	2,663	27,424	0	254,271
2004	35	206,682	306,512	212,655	...	1,819	24,138	5,517	259,022

Table 89 (continued). Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the WCPFC Statistical Area by fishing nation

YEAR	TONGA	TUVALU	UNITED STATES	VANUATU	TOTAL
1960	-	-	708	-	263,097
1961	-	-	626	-	322,044
1962	-	-	669	-	350,454
1963	-	-	549	-	297,000
1964	-	-	516	-	340,758
1965	-	-	501	-	332,329
1966	-	-	513	-	453,460
1967	-	-	446	-	398,520
1968	-	-	367	-	370,398
1969	-	-	439	-	391,949
1970	-	-	493	-	452,343
1971	-	-	437	-	474,265
1972	-	-	419	-	506,073
1973	-	-	307	-	628,667
1974	-	-	347	-	651,238
1975	-	-	310	-	578,761
1976	-	-	1,071	-	718,215
1977	-	-	1,359	-	754,602
1978	-	-	1,477	-	797,912
1979	-	-	11,852	-	770,872
1980	-	-	13,462	-	836,034
1981	-	-	40,463	-	807,510
1982	205	216	75,376	-	858,935
1983	208	337	181,391	-	1,064,922
1984	218	540	162,029	-	1,150,263
1985	233	4	109,819	-	1,014,689
1986	252	390	123,250	-	1,145,396
1987	299	632	144,883	-	1,142,334
1988	276	1,090	122,025	-	1,269,276
1989	235	149	148,063	-	1,309,525
1990	192	90	171,095	-	1,425,425
1991	197	29	224,854	-	1,654,641
1992	225	8	209,020	-	1,645,322
1993	329	-	203,371	-	1,468,399
1994	411	-	215,425	820	1,610,300
1995	461	-	175,769	6,927	1,614,637
1996	579	-	157,705	9,405	1,522,141
1997	663	-	153,522	26,164	1,639,751
1998	833	-	183,459	37,393	2,010,676
1999	1,084	-	191,115	46,162	1,838,363
2000	1,161	-	134,273	37,545	1,890,789
2001	1,733	-	124,524	11,055	1,795,877
2002	1,672	-	129,167	24,743	1,982,288
2003	971	-	95,674	26,355	1,986,574
2004	388	-	75,509	49,662	2,032,110

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

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	32,746	19	...	...	56,574	33	82,656	48	171,976
1951	15,629	11	...	...	52,516	37	72,824	52	140,969
1952	25,216	17	...	...	38,435	27	80,910	56	144,561
1953	15,911	12	...	...	55,983	42	60,041	46	131,935
1954	12,393	9	1,610	1	69,742	50	54,375	39	138,120
1955	13,841	10	1,810	1	58,063	42	64,324	47	138,038
1956	19,234	11	2,408	1	68,175	40	81,265	48	171,082
1957	21,471	13	9,698	6	55,300	33	79,800	48	166,269
1958	14,904	9	10,592	6	73,106	43	72,263	42	170,865
1959	21,024	12	11,516	7	79,725	46	61,598	35	173,863
1960	23,292	12	17,746	9	46,059	24	107,968	55	195,065
1961	15,862	6	52,642	21	75,129	30	108,727	43	252,360
1962	22,659	10	45,670	20	77,102	34	78,240	35	223,671
1963	29,799	11	66,757	24	101,931	37	74,706	27	273,193
1964	22,586	10	46,406	20	65,674	28	100,020	43	234,686
1965	17,939	8	29,395	13	84,969	39	88,263	40	220,566
1966	17,938	9	35,302	17	66,307	33	83,888	41	203,435
1967	22,524	8	38,880	14	127,985	47	80,729	30	270,118
1968	26,249	10	39,967	16	77,111	31	109,056	43	252,383
1969	22,646	8	53,164	19	64,906	23	138,056	50	278,772
1970	26,809	9	35,751	13	62,194	22	161,145	56	285,899
1971	24,517	8	34,256	12	112,885	39	120,673	41	292,331
1972	29,548	10	40,226	14	37,503	13	188,275	64	295,552
1973	18,763	6	54,355	16	49,021	15	210,489	63	332,628
1974	25,257	7	38,515	11	87,555	24	208,233	58	359,560
1975	23,051	6	48,343	12	134,733	33	199,867	49	405,994
1976	20,577	4	71,586	15	136,927	30	234,371	51	463,461
1977	13,455	3	85,250	22	94,111	24	199,381	51	392,197
1978	19,961	4	89,198	19	179,675	39	173,995	38	462,829
1979	6,777	2	67,533	17	141,503	35	187,136	46	402,949
1980	7,451	2	86,404	22	138,109	35	158,848	41	390,812
1981	15,525	4	68,340	18	126,002	32	178,516	46	388,383
1982	6,441	2	60,346	20	104,669	35	127,536	43	298,992
1983	9,905	4	64,754	27	62,149	26	100,011	42	236,819
1984	17,766	6	55,273	19	63,613	22	149,478	52	286,130
1985	8,750	2	72,404	20	52,001	14	226,035	63	359,190
1986	5,378	1	105,119	23	67,748	15	286,149	62	464,394
1987	3,907	1	101,314	22	66,466	15	286,360	63	458,047
1988	5,447	1	74,304	16	92,127	20	296,633	63	468,511
1989	3,002	1	72,994	15	98,931	21	299,736	63	474,663
1990	3,842	1	104,806	21	77,120	16	302,284	62	488,052
1991	4,157	1	109,116	25	65,895	15	266,089	60	445,257
1992	6,268	1	92,000	21	87,354	20	253,712	58	439,334
1993	6,013	1	82,189	19	89,934	21	251,952	59	430,088
1994	12,105	3	107,067	25	74,166	17	243,557	56	436,895
1995	9,589	2	104,956	22	134,290	28	239,326	49	488,161
1996	11,328	2	109,015	22	108,094	22	260,149	53	488,586
1997	11,003	2	116,864	21	156,939	28	272,748	49	557,554
1998	16,715	3	91,092	17	142,611	27	275,422	52	525,840
1999	19,310	3	88,104	13	265,102	40	297,962	44	670,478
2000	15,408	2	141,863	22	205,549	32	282,169	44	644,989
2001	21,049	3	130,003	18	145,701	20	415,874	58	712,627
2002	17,213	2	130,220	18	154,341	21	436,449	59	738,223
2003	27,024	3	113,016	14	276,181	34	405,264	49	821,485
2004	10,413	2	106,679	18	197,435	34	273,744	47	588,271

Table 91. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the Pacific Ocean.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	62,349	22	18,890	7	96,477	34	105,218	37	282,934
1951	41,537	14	14,632	5	157,416	51	92,919	30	306,504
1952	89,780	25	27,494	8	128,123	36	113,424	32	358,821
1953	72,629	22	26,044	8	132,809	40	100,108	30	331,590
1954	66,400	19	20,274	6	170,802	48	96,319	27	353,795
1955	59,409	17	30,844	9	162,688	45	105,675	29	358,616
1956	80,336	19	36,058	9	171,936	42	123,998	30	412,328
1957	95,322	21	50,410	11	160,625	36	137,843	31	444,200
1958	66,913	14	59,230	12	226,305	47	134,044	28	486,492
1959	61,978	12	53,041	11	253,980	51	127,330	26	496,329
1960	79,900	18	61,451	14	132,878	29	180,232	40	454,461
1961	67,375	12	90,640	16	227,386	40	183,716	32	569,117
1962	68,911	12	80,849	14	255,676	45	164,686	29	570,122
1963	82,866	15	109,290	19	221,814	39	152,950	27	566,920
1964	72,925	13	77,065	14	244,425	43	176,053	31	570,468
1965	87,893	16	59,284	11	237,385	43	165,173	30	549,735
1966	92,677	14	67,124	10	311,991	48	179,613	28	651,405
1967	108,103	16	73,132	11	328,307	50	146,809	22	656,351
1968	87,146	14	67,590	11	269,044	44	190,368	31	614,148
1969	93,149	14	84,957	13	261,673	40	222,385	34	662,164
1970	96,724	13	75,181	10	297,796	41	256,757	35	726,458
1971	119,701	16	75,866	10	339,202	45	222,283	29	757,052
1972	121,686	15	95,665	12	269,073	34	302,660	38	789,084
1973	140,165	15	101,136	11	367,493	39	337,961	36	946,755
1974	133,893	13	87,350	9	437,798	44	338,186	34	997,227
1975	102,415	11	113,371	12	417,851	43	339,434	35	973,071
1976	145,213	12	148,717	13	488,232	42	384,791	33	1,166,953
1977	95,867	8	161,850	14	491,233	43	380,367	34	1,129,317
1978	122,369	10	147,760	12	620,756	50	347,395	28	1,238,280
1979	92,375	8	133,605	12	546,837	47	380,147	33	1,152,964
1980	98,304	8	151,391	13	589,073	49	370,714	31	1,209,482
1981	100,522	9	121,535	10	556,568	47	403,706	34	1,182,331
1982	92,720	8	119,475	10	583,199	51	348,018	30	1,143,412
1983	72,508	6	124,516	10	731,679	57	356,036	28	1,284,739
1984	91,623	6	119,261	8	805,334	57	401,462	28	1,417,680
1985	85,762	6	140,827	10	647,189	48	484,398	36	1,358,176
1986	75,280	5	168,659	11	807,078	51	536,129	34	1,587,146
1987	68,194	4	180,186	11	741,553	47	588,626	37	1,578,559
1988	77,246	5	141,762	8	922,626	54	557,686	33	1,699,320
1989	89,918	5	149,620	9	907,906	52	611,609	35	1,759,053
1990	87,545	5	195,114	10	948,856	50	655,153	35	1,886,668
1991	64,857	3	181,326	9	1,163,561	56	660,699	32	2,070,443
1992	78,403	4	183,486	9	1,116,780	55	668,352	33	2,047,021
1993	76,323	4	161,483	9	994,824	53	636,956	34	1,869,586
1994	108,379	5	193,488	10	1,081,961	54	636,217	31	2,020,045
1995	102,041	5	183,030	9	1,178,106	57	612,269	30	2,075,446
1996	103,170	5	188,141	9	1,128,564	57	568,786	29	1,988,661
1997	124,650	6	225,835	10	1,124,100	52	698,840	32	2,173,425
1998	128,873	5	203,959	8	1,438,525	57	734,571	29	2,505,928
1999	150,561	6	206,581	8	1,416,247	57	713,596	29	2,486,985
2000	113,330	5	251,657	10	1,427,718	57	706,912	28	2,499,617
2001	133,090	5	237,124	10	1,274,259	51	835,071	34	2,479,544
2002	156,855	6	254,505	9	1,431,672	53	847,796	32	2,690,828
2003	141,394	5	227,751	8	1,564,477	56	845,567	30	2,779,189
2004	124,966	5	226,151	9	1,560,860	60	680,746	26	2,592,723

Table 92. Total catches (tonnes) of albacore, bigeye, skipjack and yellowfin in the Atlantic Ocean. Symbols: '…' = missing data.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	39,623	94	808	2	704	2	1,200	3	42,335
1951	34,149	91	1,651	4	459	1	1,358	4	37,617
1952	32,397	83	2,018	5	1,810	5	2,787	7	39,012
1953	30,117	78	2,951	8	2,067	5	3,600	9	38,735
1954	39,979	83	2,932	6	2,090	4	3,407	7	48,408
1955	31,424	73	4,808	11	2,588	6	4,300	10	43,120
1956	40,921	77	2,769	5	2,655	5	6,597	12	52,942
1957	42,847	55	8,720	11	2,131	3	23,698	31	77,396
1958	53,495	53	4,290	4	2,108	2	40,581	40	100,474
1959	54,627	45	7,732	6	2,256	2	57,769	47	122,384
1960	62,967	43	9,087	6	4,434	3	68,896	47	145,384
1961	53,272	39	17,012	13	5,872	4	59,075	44	135,231
1962	77,226	46	23,065	14	11,284	7	58,122	34	169,697
1963	77,460	41	25,985	14	20,032	11	64,917	34	188,394
1964	90,353	45	23,489	12	18,800	9	69,345	34	201,987
1965	90,732	41	39,234	18	24,081	11	68,152	31	222,199
1966	75,030	41	25,057	14	22,833	13	58,897	32	181,817
1967	74,950	41	25,028	14	24,359	13	60,592	33	184,929
1968	71,863	32	23,726	10	48,375	21	84,054	37	228,018
1969	76,479	32	36,746	16	29,311	12	94,159	40	236,695
1970	70,308	30	42,297	18	50,255	21	74,331	31	237,191
1971	82,941	29	55,774	19	78,438	27	73,807	25	290,960
1972	83,330	28	47,170	16	77,351	26	94,086	31	301,937
1973	75,686	25	56,976	19	78,391	26	95,127	31	306,180
1974	72,489	20	64,069	18	117,297	32	107,141	30	360,996
1975	59,555	20	61,301	20	56,027	19	124,796	41	301,679
1976	77,346	24	45,302	14	69,345	22	124,960	39	316,953
1977	76,099	20	54,880	15	110,577	30	131,013	35	372,569
1978	73,806	20	52,693	14	108,115	29	134,044	36	368,658
1979	74,826	22	45,975	14	89,696	27	127,517	38	338,014
1980	62,137	17	63,597	17	111,358	30	130,961	36	368,053
1981	60,071	14	67,753	16	131,061	32	155,819	38	414,704
1982	73,617	16	73,493	16	154,909	33	165,001	35	467,020
1983	67,643	16	59,371	14	135,038	32	165,373	39	427,425
1984	59,842	16	71,052	19	126,826	34	113,940	31	371,660
1985	76,052	18	78,215	18	118,713	28	156,547	36	429,527
1986	88,554	21	65,396	15	122,172	29	146,535	35	422,657
1987	82,739	21	55,976	14	114,566	29	144,428	36	397,709
1988	68,048	17	65,796	16	139,962	34	135,219	33	409,025
1989	63,342	15	78,068	19	116,120	28	161,322	39	418,852
1990	67,167	14	84,337	17	138,659	29	192,456	40	482,619
1991	56,342	11	94,795	18	203,175	39	163,848	32	518,160
1992	69,598	14	97,758	20	152,815	32	160,492	33	480,663
1993	73,078	14	110,060	21	180,929	35	158,338	30	522,405
1994	71,615	13	129,512	24	164,435	31	168,170	32	533,732
1995	67,512	14	123,155	25	151,249	31	149,112	30	491,028
1996	60,352	13	119,114	25	142,118	30	150,625	32	472,209
1997	59,439	13	105,639	24	141,079	32	136,469	31	442,626
1998	58,880	13	109,879	24	145,869	32	147,459	32	462,087
1999	67,295	14	121,169	25	161,465	33	141,717	29	491,646
2000	71,409	16	102,415	23	138,752	31	132,870	30	445,446
2001	70,204	15	95,715	20	148,998	31	158,904	34	473,821
2002	60,004	15	75,835	19	114,559	29	139,080	36	389,478
2003	61,366	15	85,088	20	147,478	35	123,929	30	417,861
2004	...	...	...	...	...	...	...	...	...

Table 93. 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	9,665	74	3,342	26	13,013
1951	6	0	0	0	3,684	48	3,919	52	7,609
1952	67	0	280	1	10,800	58	7,588	41	18,735
1953	1,094	4	1,653	7	12,051	48	10,520	42	25,318
1954	2,830	6	6,850	14	12,187	26	25,685	54	47,552
1955	3,341	4	9,739	13	12,307	17	49,129	66	74,516
1956	5,611	6	12,845	13	12,625	13	64,846	68	95,927
1957	5,324	8	11,990	17	14,829	21	38,388	54	70,531
1958	7,281	12	11,653	19	14,159	23	29,141	47	62,234
1959	11,643	18	9,866	15	14,225	22	29,454	45	65,188
1960	12,129	14	16,113	19	13,917	16	42,496	50	84,655
1961	16,630	19	14,948	17	13,790	16	40,616	47	85,984
1962	18,991	18	18,479	17	15,793	15	54,058	50	107,321
1963	14,155	18	13,300	17	18,126	23	33,210	42	78,791
1964	19,355	22	17,809	20	19,188	21	33,425	37	89,777
1965	13,009	14	19,067	21	25,510	27	35,242	38	92,828
1966	15,437	12	23,714	44	30,502	24	55,158	44	124,811
1967	21,890	18	24,524	20	33,027	27	44,401	36	123,842
1968	18,321	10	37,076	21	32,788	19	86,849	50	175,034
1969	20,271	14	29,000	20	35,506	24	63,770	43	148,547
1970	13,380	11	25,322	21	42,212	35	40,029	33	120,943
1971	12,433	11	20,818	18	40,248	35	40,247	35	113,746
1972	12,017	11	18,265	17	35,092	33	41,413	39	106,787
1973	22,782	19	15,888	13	43,355	36	37,173	31	119,198
1974	29,491	20	26,630	18	52,250	35	39,523	27	147,894
1975	10,956	9	36,084	29	37,198	30	39,752	32	123,990
1976	14,927	11	27,759	21	46,625	36	41,524	32	130,835
1977	11,846	8	34,433	23	38,342	26	63,935	43	148,556
1978	17,562	11	49,264	31	38,325	24	56,000	35	161,151
1979	17,586	12	33,370	23	43,419	30	49,872	35	144,247
1980	13,428	9	34,353	24	52,317	36	44,535	31	144,633
1981	14,449	10	34,356	23	54,610	36	46,780	31	150,195
1982	24,278	13	42,866	24	57,606	32	56,797	31	181,547
1983	19,258	9	49,336	24	70,860	35	64,263	32	203,717
1984	16,930	6	43,228	15	113,748	41	105,123	38	279,029
1985	10,592	3	51,917	16	141,546	43	122,393	37	326,448
1986	29,912	8	57,138	15	150,556	40	142,758	38	380,364
1987	29,097	7	64,260	15	169,080	40	157,055	37	419,492
1988	29,343	6	73,549	14	201,052	39	210,809	41	514,753
1989	24,373	5	68,876	13	245,608	46	199,197	37	538,054
1990	30,386	5	73,190	13	229,946	41	233,820	41	567,342
1991	29,063	5	76,879	13	246,299	42	227,347	39	579,588
1992	20,587	3	71,643	11	279,956	41	309,883	45	682,069
1993	18,839	2	101,099	12	309,370	38	384,989	47	814,297
1994	24,487	3	109,419	14	341,950	43	318,950	40	794,806
1995	22,949	3	118,686	15	335,484	42	322,437	40	799,556
1996	29,822	4	125,478	16	317,817	40	329,261	41	802,378
1997	27,273	3	146,354	17	339,591	40	325,665	39	838,883
1998	38,988	5	142,577	18	340,954	42	291,312	36	813,831
1999	39,015	4	151,971	16	426,273	45	333,274	35	950,533
2000	38,299	4	129,047	14	421,920	47	307,305	34	896,571
2001	41,480	5	114,028	13	426,285	49	285,462	33	867,255
2002	33,032	3	129,875	14	489,245	51	305,110	32	957,262
2003	23,941	2	138,365	13	461,532	45	407,857	40	1,031,695
2004	...	...	...	...	...	...	...	...	...

Table 94. Global catches (tonnes) of albacore, bigeye, skipjack and yellowfin.

YEAR	ALBACORE		BIGEYE		SKIPJACK		YELLOWFIN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	101,978	30	19,698	6	106,846	32	109,760	32	338,282
1951	75,692	22	16,283	5	161,559	46	98,196	28	351,730
1952	122,244	29	29,792	7	140,733	34	123,799	30	416,568
1953	103,840	26	30,648	8	146,927	37	114,228	29	395,643
1954	109,209	24	30,056	7	185,079	41	125,411	28	449,755
1955	94,174	20	45,391	10	177,583	37	159,104	33	476,252
1956	126,868	23	51,672	9	187,216	33	195,441	35	561,197
1957	143,493	24	71,120	12	177,585	30	199,929	34	592,127
1958	127,689	20	75,173	12	242,572	37	203,766	31	649,200
1959	128,248	19	70,639	10	270,461	40	214,553	31	683,901
1960	154,996	23	86,651	13	151,229	22	291,624	43	684,500
1961	137,277	17	122,600	16	247,048	31	283,407	36	790,332
1962	165,128	19	122,393	14	282,753	33	276,866	33	847,140
1963	174,481	21	148,575	18	259,972	31	251,077	30	834,105
1964	182,633	21	118,363	14	282,413	33	278,823	32	862,232
1965	191,634	22	117,585	14	286,976	33	268,567	31	864,762
1966	183,144	19	115,895	12	365,326	38	293,668	31	958,033
1967	204,943	21	122,684	13	385,693	40	251,802	26	965,122
1968	177,330	17	128,392	13	350,207	34	361,271	36	1,017,200
1969	189,899	18	150,703	14	326,490	31	380,314	36	1,047,406
1970	180,412	17	142,800	13	390,263	36	371,117	34	1,084,592
1971	215,075	19	152,458	13	457,888	39	336,337	29	1,161,758
1972	217,033	18	161,100	13	381,516	32	438,159	37	1,197,808
1973	238,633	17	174,000	13	489,239	36	470,261	34	1,372,133
1974	235,873	16	178,049	12	607,345	40	484,850	32	1,506,117
1975	172,926	12	210,756	15	511,076	37	503,982	36	1,398,740
1976	237,486	15	221,778	14	604,202	37	551,275	34	1,614,741
1977	183,812	11	251,163	15	640,152	39	575,315	35	1,650,442
1978	213,737	12	249,717	14	767,196	43	537,439	30	1,768,089
1979	184,787	11	212,950	13	679,952	42	557,536	34	1,635,225
1980	173,869	10	249,341	14	752,748	44	546,210	32	1,722,168
1981	175,042	10	223,644	13	742,239	42	606,305	35	1,747,230
1982	190,615	11	235,834	13	795,714	44	569,816	32	1,791,979
1983	159,409	8	233,223	12	937,577	49	585,672	31	1,915,881
1984	168,395	8	233,541	11	1,045,908	51	620,525	30	2,068,369
1985	172,406	8	270,959	13	907,448	43	763,338	36	2,114,151
1986	193,746	8	291,193	12	1,079,806	45	825,422	35	2,390,167
1987	180,030	8	300,422	13	1,025,199	43	890,109	37	2,395,760
1988	174,637	7	281,107	11	1,263,640	48	903,714	34	2,623,098
1989	177,633	7	296,564	11	1,269,634	47	972,128	36	2,715,959
1990	185,098	6	352,641	12	1,317,461	45	1,081,429	37	2,936,629
1991	150,262	5	353,000	11	1,613,035	51	1,051,894	33	3,168,191
1992	168,588	5	352,887	11	1,549,551	48	1,138,727	35	3,209,753
1993	168,240	5	372,642	12	1,485,123	46	1,180,283	37	3,206,288
1994	204,481	6	432,419	13	1,588,346	47	1,123,337	34	3,348,583
1995	192,502	6	424,871	13	1,664,839	49	1,083,818	32	3,366,030
1996	193,344	6	432,733	13	1,588,499	49	1,048,672	32	3,263,248
1997	211,362	6	477,828	14	1,604,770	46	1,160,974	34	3,454,934
1998	226,741	6	456,415	12	1,925,348	51	1,173,342	31	3,781,846
1999	256,871	7	479,721	12	2,003,985	51	1,188,587	30	3,929,164
2000	223,038	6	483,119	13	1,988,390	52	1,147,087	30	3,841,634
2001	244,774	6	446,867	12	1,849,542	48	1,279,437	33	3,820,620
2002	249,891	6	460,215	11	2,035,476	50	1,291,986	32	4,037,568
2003	226,701	5	451,204	11	2,173,487	51	1,377,353	33	4,228,745
2004	210,273	5	449,604	11	2,169,870	54	1,212,532	30	4,042,279

Table 95. Global catches (tonnes) of albacore, bigeye, skipjack and yellowfin by ocean area. Symbols: estimates in parentheses have been carried over from previous years.

YEAR	WCPO		EPO		ATLANTIC		INDIAN		TOTAL
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1950	110,958	33	171,976	51	42,335	13	13,013	4	338,282
1951	165,535	47	140,969	40	37,617	11	7,609	2	351,730
1952	214,260	51	144,561	35	39,012	9	18,735	4	416,568
1953	199,655	50	131,935	33	38,735	10	25,318	6	395,643
1954	215,675	48	138,120	31	48,408	11	47,552	11	449,755
1955	220,578	46	138,038	29	43,120	9	74,516	16	476,252
1956	241,246	43	171,082	30	52,942	9	95,927	17	561,197
1957	277,931	47	166,269	28	77,396	13	70,531	12	592,127
1958	315,627	49	170,865	26	100,474	15	62,234	10	649,200
1959	322,466	47	173,863	25	122,384	18	65,188	10	683,901
1960	259,396	38	195,065	28	145,384	21	84,655	12	684,500
1961	316,757	40	252,360	32	135,231	17	85,984	11	790,332
1962	346,451	41	223,671	26	169,697	20	107,321	13	847,140
1963	293,727	35	273,193	33	188,394	23	78,791	9	834,105
1964	335,782	39	234,686	27	201,987	23	89,777	10	862,232
1965	329,169	38	220,566	26	222,199	26	92,828	11	864,762
1966	447,970	47	203,435	21	181,817	19	124,811	13	958,033
1967	386,233	40	270,118	28	184,929	19	123,842	13	965,122
1968	361,765	36	252,383	25	228,018	22	175,034	17	1,017,200
1969	383,392	37	278,772	27	236,695	23	148,547	14	1,047,406
1970	440,559	41	285,899	26	237,191	22	120,943	11	1,084,592
1971	464,721	40	292,331	25	290,960	25	113,746	10	1,161,758
1972	493,532	41	295,552	25	301,937	25	106,787	9	1,197,808
1973	614,127	45	332,628	24	306,180	22	119,198	9	1,372,133
1974	637,667	42	359,560	24	360,996	24	147,894	10	1,506,117
1975	567,077	41	405,994	29	301,679	22	123,990	9	1,398,740
1976	703,492	44	463,461	29	316,953	20	130,835	8	1,614,741
1977	737,120	45	392,197	24	372,569	23	148,556	9	1,650,442
1978	775,451	44	462,829	26	368,658	21	161,151	9	1,768,089
1979	750,015	46	402,949	25	338,014	21	144,247	9	1,635,225
1980	818,670	48	390,812	23	368,053	21	144,633	8	1,722,168
1981	793,948	45	388,383	22	414,704	24	150,195	9	1,747,230
1982	844,420	47	298,992	17	467,020	26	181,547	10	1,791,979
1983	1,047,920	55	236,819	12	427,425	22	203,717	11	1,915,881
1984	1,131,550	55	286,130	14	371,660	18	279,029	13	2,068,369
1985	998,986	47	359,190	17	429,527	20	326,448	15	2,114,151
1986	1,122,752	47	464,394	19	422,657	18	380,364	16	2,390,167
1987	1,120,512	47	458,047	19	397,709	17	419,492	18	2,395,760
1988	1,230,809	47	468,511	18	409,025	16	514,753	20	2,623,098
1989	1,284,390	47	474,663	17	418,852	15	538,054	20	2,715,959
1990	1,398,616	48	488,052	17	482,619	16	567,342	19	2,936,629
1991	1,625,186	51	445,257	14	518,160	16	579,588	18	3,168,191
1992	1,607,687	50	439,334	14	480,663	15	682,069	21	3,209,753
1993	1,439,498	45	430,088	13	522,405	16	814,297	25	3,206,288
1994	1,583,150	47	436,895	13	533,732	16	794,806	24	3,348,583
1995	1,587,285	47	488,161	15	491,028	15	799,556	24	3,366,030
1996	1,500,075	46	488,586	15	472,209	14	802,378	25	3,263,248
1997	1,615,871	47	557,554	16	442,626	13	838,883	24	3,454,934
1998	1,980,088	52	525,840	14	462,087	12	813,831	22	3,781,846
1999	1,816,507	46	670,478	17	491,646	13	950,533	24	3,929,164
2000	1,854,628	48	644,989	17	445,446	12	896,571	23	3,841,634
2001	1,766,917	46	712,627	19	473,821	12	867,255	23	3,820,620
2002	1,952,605	48	738,223	18	389,478	10	957,262	24	4,037,568
2003	1,957,704	46	821,485	19	417,861	10	1,031,695	24	4,228,745
2004	2,004,452	50	588,271	15	(417,861)	10	(1,031,695)	26	4,042,279

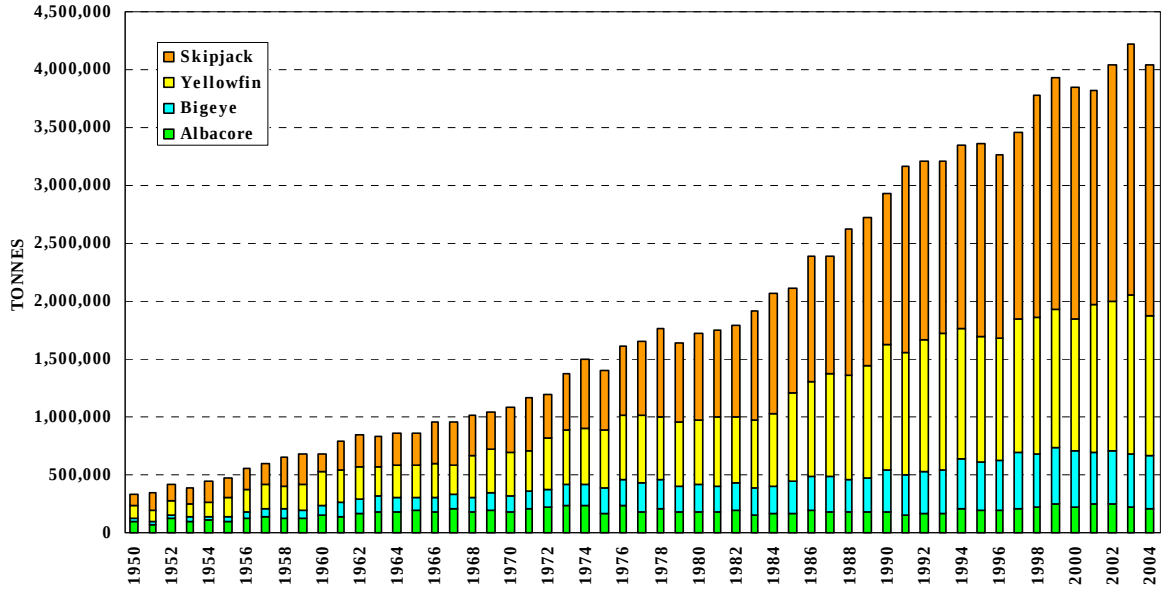

Figure 114. Global catches, by species, including preliminary estimates for 2004

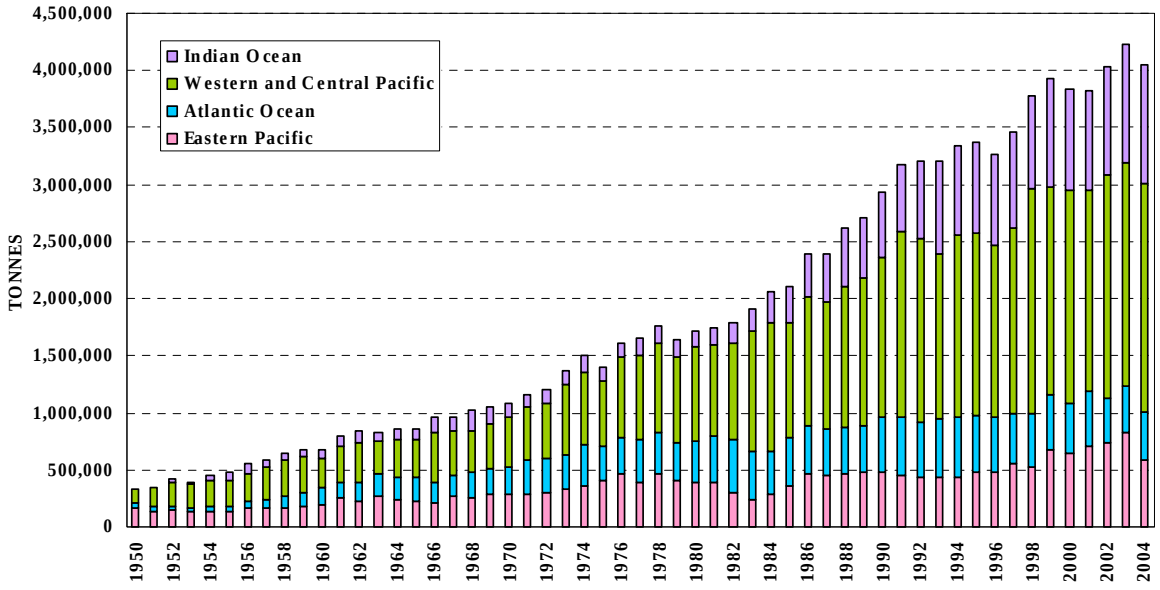

Figure 115. Global catches of albacore, bigeye, skipjack and yellowfin, by ocean area, including preliminary estimates for 2004