

COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT
CALENDAR YEAR 2002



DIVISION OF AQUATIC RESOURCES
DEPARTMENT OF LAND AND NATURAL RESOURCES
STATE OF HAWAII

TABLE OF CONTENTS

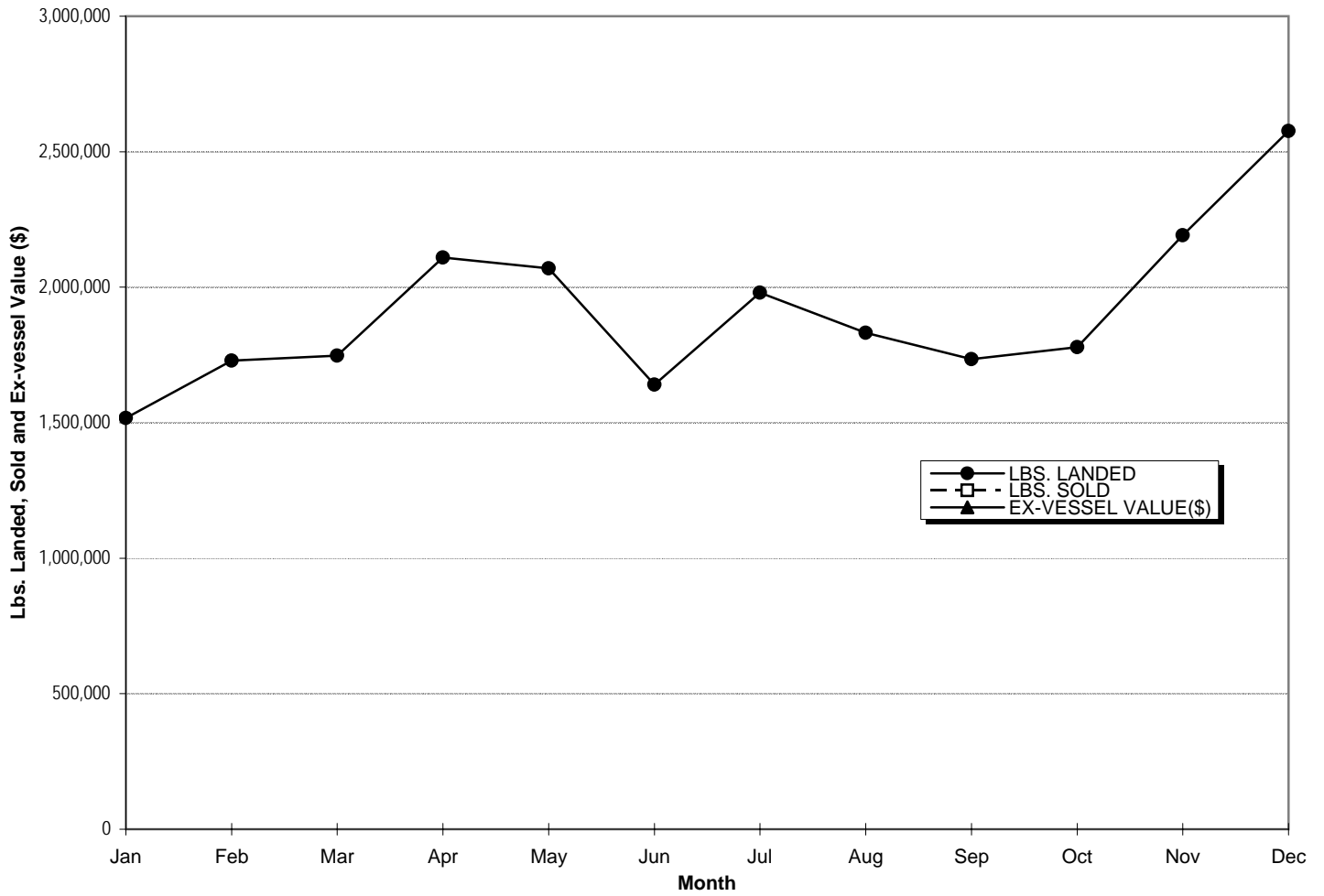
	Page No.
I. INTRODUCTION	1
II. CHARTS	
A. TOTAL SEA LANDINGS	
1. Annual Monthly Trends	2
2. Annual 5-year Trends	3
B. SEA LANDINGS BY SPECIES GROUPS	
1. Annual Monthly Trends	4
2. Annual 5-year Trends	5
C. SEA LANDINGS BY FISHING METHOD	
1. Annual Monthly Trends	6
2. Annual 5-year Trends	7
D. SEA LANDINGS BY PORT	
1. Annual Monthly Trends	8
2. Annual 5-year Trends	9
III. APPENDICES	
A. Sea Landings by Species	10
B. Sea Landings by Fishing Method	11
C. Sea Landings by Island	11
D. Sea Landings by Area Fished	11

Note: Data incomplete due to late submission and processing of fish catch records.

INTRODUCTION

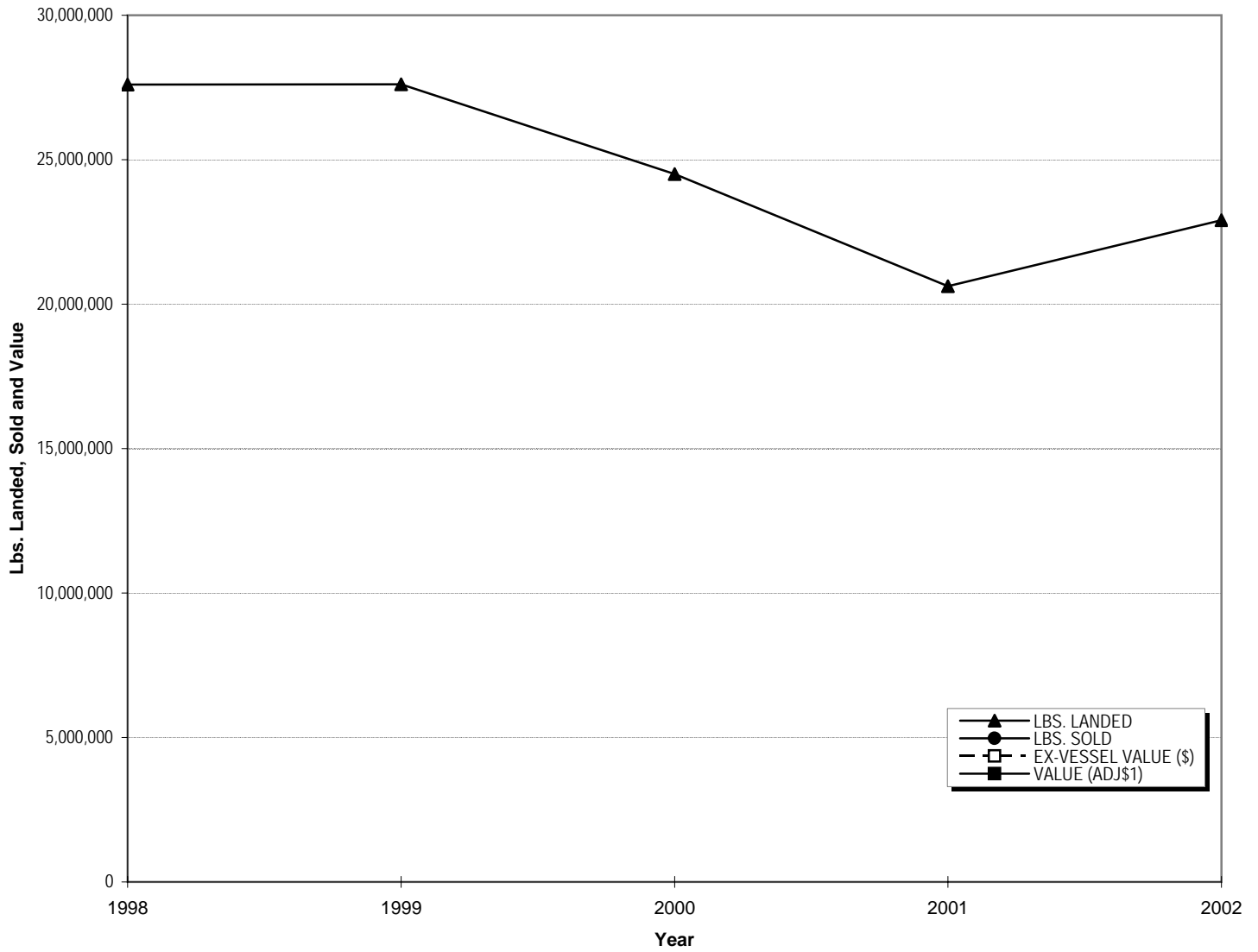
The information presented in this Commercial Marine Landing Summary Trend Report is compiled from fishing reports submitted by licensed fishermen. Commercial fishers are required to obtain commercial marine licenses and submit fishing reports to DLNR-DAR. In previous editions of these summary trend reports, including 1997 through 2001, only ex-vessel landing data (pounds sold and value of pounds sold) were reported. On October 2002, DLNR-DAR implemented new and revised commercial fishing report forms to improve the collection of fishing effort and total catch data. Since then commercial fishers no longer report ex-vessel landings on their fishing reports. The ex-vessel landing data are collected from commercial fish dealers. DLNR-DAR is in the process of integrating fishing effort and catch data from fishing report reports with ex-vessel landing data from commercial marine dealer reports. Until this process is completed, ex-vessel landing information by fisheries will not be available. Therefore, this commercial marine landings summary trend report only contains catch data or pounds landed. When the data integration process is completed, this summary trend report will be revised and the catch data will be replaced with ex-vessel value landing data.

**CHART A.1
TOTAL SEA LANDINGS ANNUAL MONTHLY TRENDS, 2002**



MONTH	LBS. LANDED	LBS. SOLD	EX-VESSEL VALUE(\$)
<i>Jan</i>	1,517,609		
<i>Feb</i>	1,729,084		
<i>Mar</i>	1,747,985		
<i>Apr</i>	2,109,451		
<i>May</i>	2,069,921		
<i>Jun</i>	1,640,151		
<i>Jul</i>	1,979,382		
<i>Aug</i>	1,831,678		
<i>Sep</i>	1,734,201		
<i>Oct</i>	1,779,207		
<i>Nov</i>	2,191,825		
<i>Dec</i>	2,576,191		
TOTAL	22,906,685		

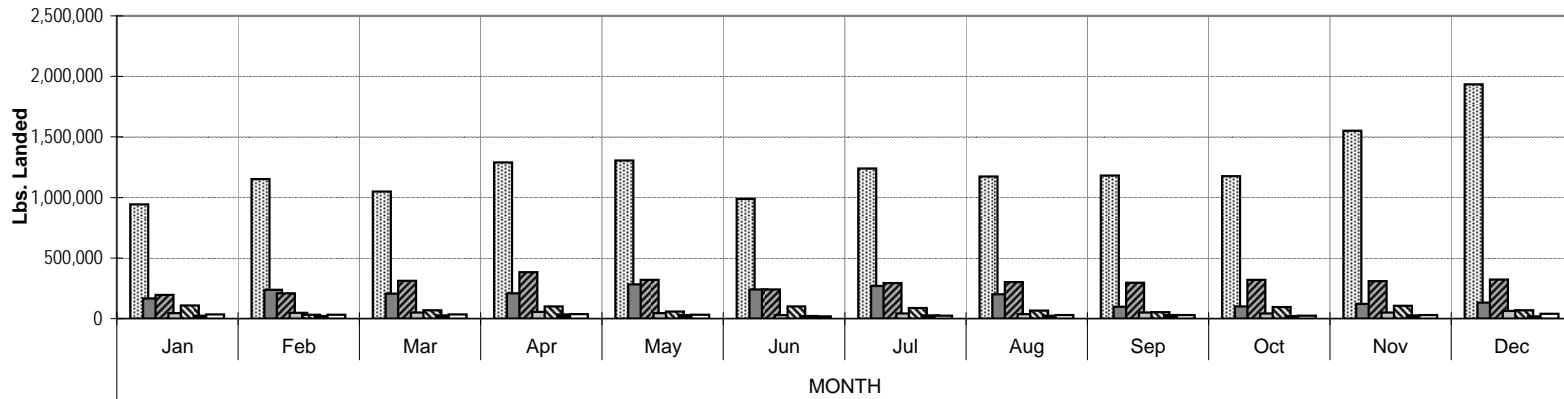
**CHART A.2
TOTAL SEA LANDINGS ANNUAL 5 - YEAR TRENDS, 1998 - 2002**



YEAR	LBS. LANDED	LBS. SOLD	EX-VESSEL VALUE (\$)	HCPI¹	VALUE (ADJ\$¹)
1998	27,597,891			171.6	
1999	27,607,809			173.4	
2000	24,503,119			176.5	
2001	20,617,941			179.1	
2002	22,906,685			180.6	

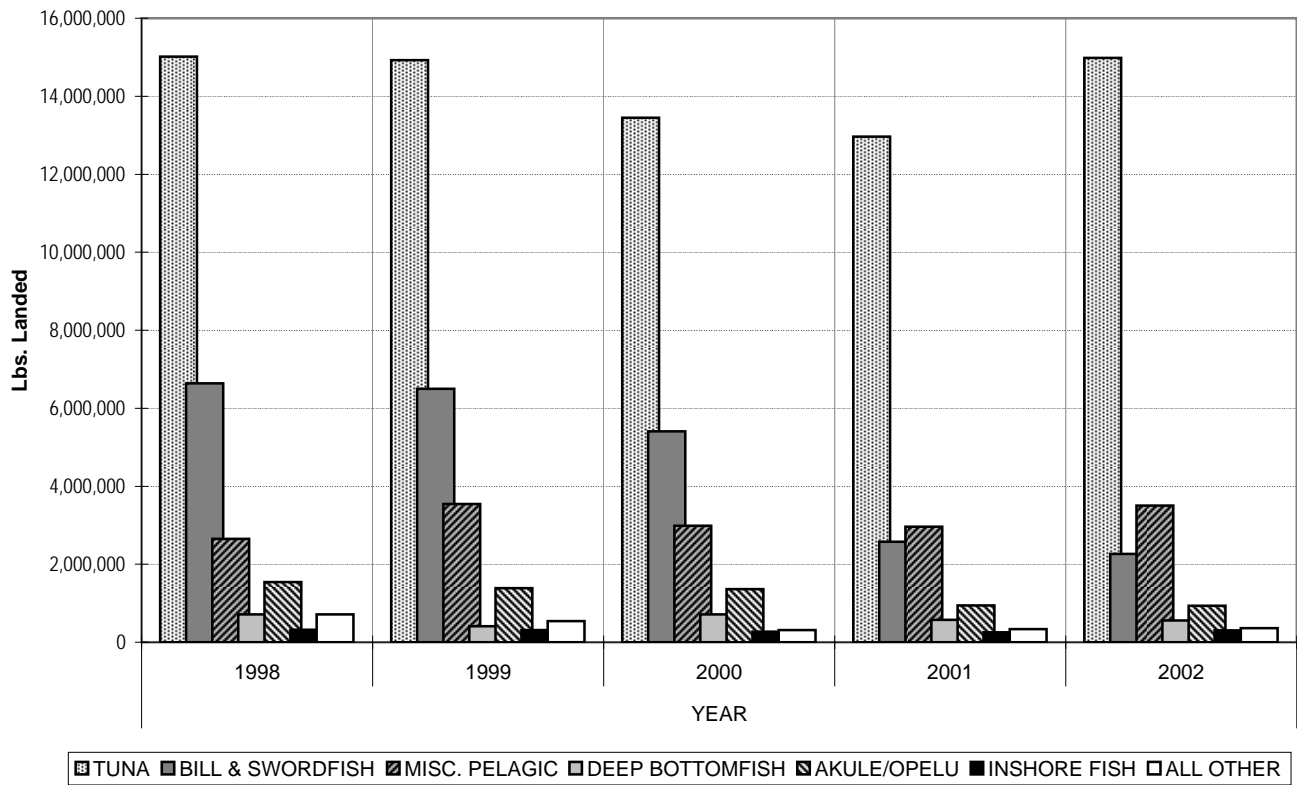
¹ Honolulu Consumer Price Index (all wage earners)

**CHART B.1
SEA LANDINGS BY SPECIES GROUP ANNUAL MONTHLY TRENDS, 2002**



<i>Calendar Year 2002</i>		MONTH												YEAR
SPECIES GROUP		<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	TOTAL
TUNA	<i>Lbs. Landed</i>	942,863	1,153,303	1,048,916	1,290,518	1,304,512	989,085	1,239,050	1,173,503	1,181,257	1,175,845	1,551,712	1,934,318	14,984,882
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
BILLFISH	<i>Lbs. Landed</i>	165,497	238,538	205,930	207,525	283,284	241,623	269,544	200,766	96,533	101,533	120,985	131,423	2,263,181
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value(\$)</i>													
MISC. PELAGIC	<i>Lbs. Landed</i>	196,466	207,562	313,049	382,855	320,288	240,167	293,613	301,612	294,812	320,971	307,916	322,243	3,501,554
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value(\$)</i>													
DEEP BOTTOMFISH	<i>Lbs. Landed</i>	45,633	47,964	50,732	56,085	44,666	27,774	41,289	36,212	50,583	42,418	50,564	63,163	557,083
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
AKULE/OPELU	<i>Lbs. Landed</i>	107,406	31,030	67,691	101,043	57,251	100,501	87,584	65,566	53,162	93,867	106,167	67,881	939,149
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
INSHORE FISH	<i>Lbs. Landed</i>	24,829	20,094	26,717	33,279	29,420	21,425	25,504	24,916	29,113	20,721	26,392	18,752	301,162
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
ALL OTHER	<i>Lbs. Landed</i>	34,915	30,593	34,950	38,146	30,500	19,576	22,798	29,103	28,741	23,852	28,089	38,411	359,674
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
TOTAL	<i>Lbs. Sold</i>	1,517,609	1,729,084	1,747,985	2,109,451	2,069,921	1,640,151	1,979,382	1,831,678	1,734,201	1,779,207	2,191,825	2,576,191	22,906,685
	<i>Ex-vessel Value (\$)</i>													

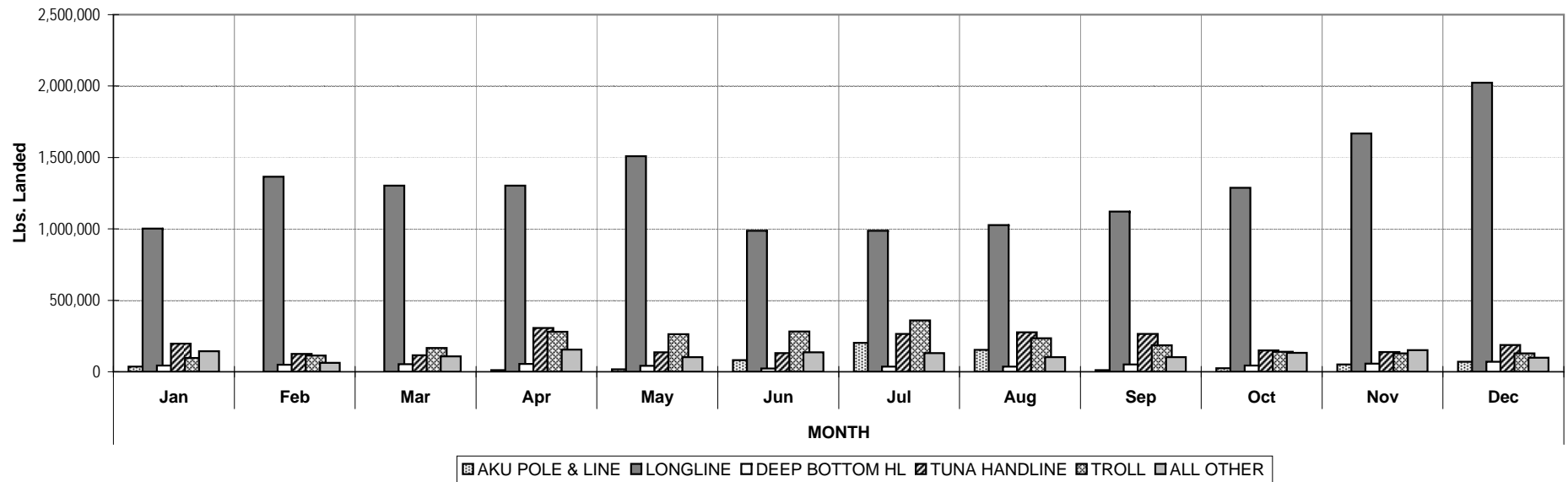
**CHART B.2
SEA LANDINGS BY SPECIES GROUPS ANNUAL 5 - YEAR TRENDS, 1998 - 2002**



<i>Calendar Year</i>		<i>YEAR</i>				
SPECIES GROUP		1998	1999	2000	2001	2002
TUNA	<i>Lbs. Landed</i>	15,018,993	14,923,994	13,446,932	12,966,476	14,984,882
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
BILL & SWORDFISH	<i>Lbs. Landed</i>	6,641,054	6,497,600	5,405,400	2,577,817	2,263,181
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
MISC. PELAGIC	<i>Lbs. Landed</i>	2,648,471	3,546,680	2,989,745	2,964,877	3,501,554
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
DEEP BOTTOMFISH	<i>Lbs. Landed</i>	713,875	409,109	715,904	573,815	557,083
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
AKULE/OPELU	<i>Lbs. Landed</i>	1,545,611	1,382,628	1,361,786	944,260	939,149
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
INSHORE FISH	<i>Lbs. Landed</i>	317,264	308,883	269,298	258,277	301,162
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
ALL OTHER	<i>Lbs. Landed</i>	712,623	538,915	314,054	332,419	359,674
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TOTAL	<i>Lbs. Landed</i>	27,597,891	27,607,809	24,503,119	20,617,941	22,906,685
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					

¹ Honolulu Consumer Price Index (all wage earners)

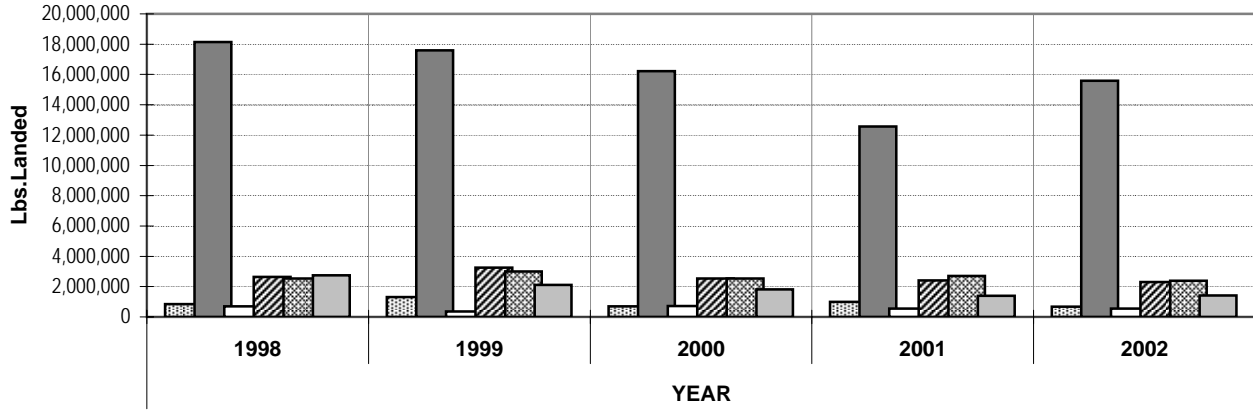
**CHART C.1
SEA LANDINGS BY FISHING METHOD ANNUAL MONTHLY TRENDS, 2002**



Calendar Year 2002		MONTH												YEAR TOTAL
METHOD		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
AKU POLE & LINE	Lbs. Landed	35,473	*	*	11,643	17,264	81,708	202,512	153,500	11,434	25,304	50,696	69,629	675,754
	Lbs. Sold													
	Ex-vessel Value (\$)													
LONGLINE	Lbs. Landed	1,001,557	1,365,016	1,303,110	1,302,130	1,509,556	986,916	986,331	1,026,523	1,121,046	1,288,167	1,667,553	2,022,542	15,580,447
	Lbs. Sold													
	Ex-vessel Value (\$)													
DEEP BOTTOM HL	Lbs. Landed	42,975	48,361	53,264	54,268	41,900	23,361	35,730	36,539	50,390	44,181	55,979	70,089	557,037
	Lbs. Sold													
	Ex-vessel Value (\$)													
TUNA HANDLINE	Lbs. Landed	197,580	124,665	115,812	307,222	136,393	130,363	264,632	277,029	263,896	149,742	138,300	187,260	2,292,894
	Lbs. Sold													
	Ex-vessel Value (\$)													
TROLL	Lbs. Landed	95,863	113,530	167,292	279,106	261,919	282,003	360,213	235,106	186,205	139,205	127,875	128,624	2,376,941
	Lbs. Sold													
	Ex-vessel Value (\$)													
ALL OTHER	Lbs. Landed	144,161	61,903	107,525	155,082	102,889	135,800	129,964	102,981	101,230	132,608	151,422	98,047	1,423,612
	Lbs. Sold													
	Ex-vessel Value (\$)													
TOTAL	Lbs. Landed	1,517,609	1,713,475*	1,747,003*	2,109,451	2,069,921	1,640,151	1,979,382	1,831,678	1,734,201	1,779,207	2,191,825	2,576,191	22,906,685
	Lbs. Sold													
	Ex-vessel Value (\$)													

* 'Monthly' totals do not include landings for "Aku Pole & Line" due to confidentiality requirements.

**CHART C.2
SEA LANDINGS FISHING METHOD ANNUAL 5 - YEAR TRENDS, 1998 - 2002**

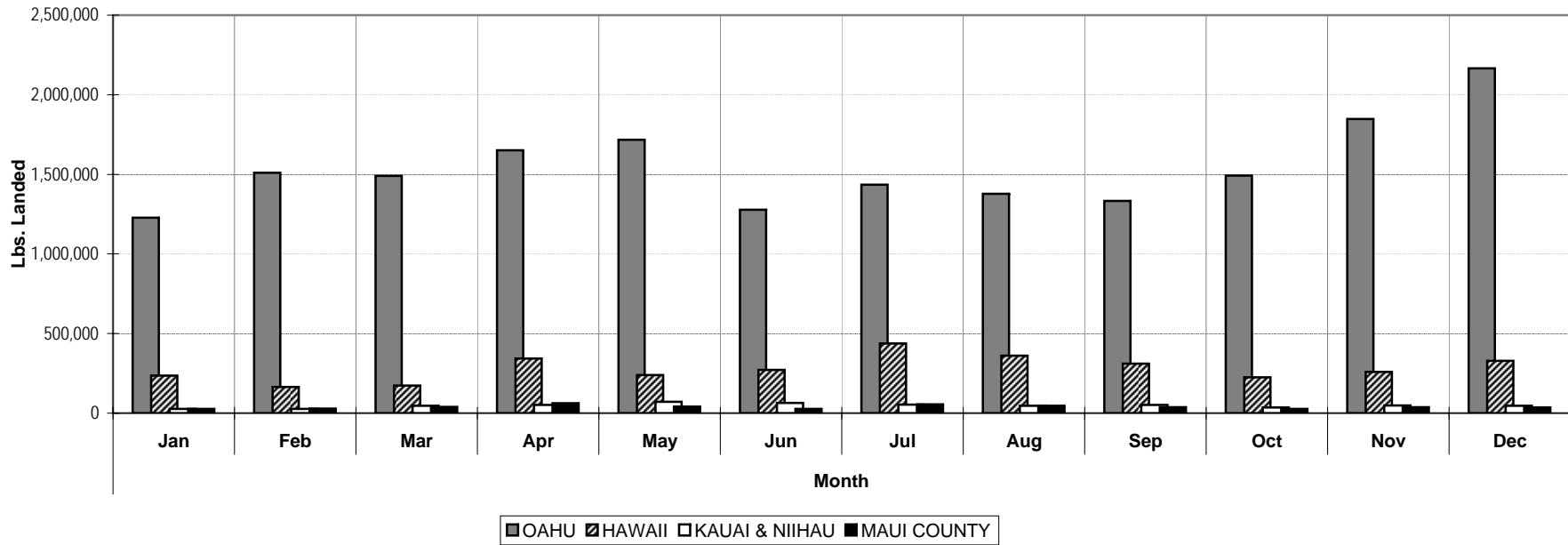


AKU POLE & LINE
 LONGLINE
 DEEP BOTTOM HL
 TUNA HANDLINE
 TROLLING
 ALL OTHER

<i>Calendar Year</i>		<i>YEAR</i>				
FISHING METHOD		1998	1999	2000	2001	2002
AKU POLE & LINE	<i>Lbs. Landed</i>	844,655	1,312,411	706,491	990,621	675,754
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
LONGLINE	<i>Lbs. Landed</i>	18,135,631	17,584,737	16,212,093	12,570,081	15,580,447
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
DEEP BOTTOM HL	<i>Lbs. Landed</i>	701,397	349,991	709,791	558,545	557,037
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TUNA HANDLINE	<i>Lbs. Landed</i>	2,636,532	3,247,417	2,532,530	2,407,141	2,292,894
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TROLLING	<i>Lbs. Landed</i>	2,539,900	2,996,098	2,531,000	2,700,032	2,376,941
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
ALL OTHER	<i>Lbs. Landed</i>	2,739,776	2,117,155	1,811,214	1,391,521	1,423,612
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TOTAL	<i>Lbs. Landed</i>	27,597,891	27,607,809	24,503,119	20,617,941	22,906,685
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					

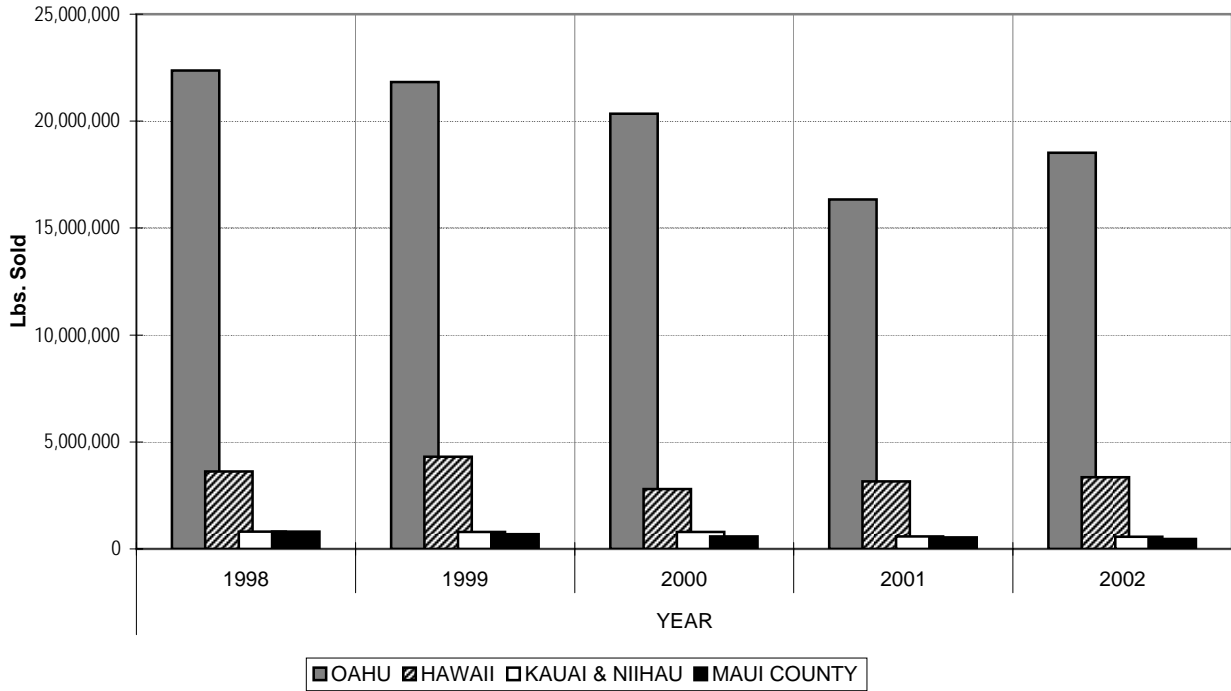
¹ Honolulu Consumer Price Index (all wage earners)

**CHART D.1
SEA LANDINGS BY PORT ANNUAL MONTHLY TRENDS, 2002**



Calendar Year 2002		Month												TOTAL
PORT		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
OAHU	<i>Lbs. Landed</i>	1,228,535	1,509,257	1,490,681	1,651,672	1,717,315	1,276,953	1,434,256	1,377,486	1,333,037	1,491,906	1,847,357	2,166,439	18,524,894
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
HAWAII	<i>Lbs. Landed</i>	236,028	164,761	172,621	343,510	239,127	270,921	437,169	361,044	310,948	225,443	258,604	328,417	3,348,593
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
KAUAI & NIIHAU	<i>Lbs. Landed</i>	25,919	27,085	45,968	51,901	72,066	64,654	53,190	45,797	52,390	34,918	48,928	46,434	569,250
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
MAUI COUNTY	<i>Lbs. Landed</i>	27,127	27,981	38,715	62,368	41,413	27,623	54,767	47,351	37,826	26,940	36,936	34,901	463,948
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
TOTAL	<i>Lbs. Landed</i>	1,517,609	1,729,084	1,747,985	2,109,451	2,069,921	1,640,151	1,979,382	1,831,678	1,734,201	1,779,207	2,191,825	2,576,191	22,906,685
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													

**CHART D.2
SEA LANDINGS BY PORT ANNUAL 5-YEAR TRENDS, 1998 - 2002**



<i>Calendar Year</i>		<i>YEAR</i>				
PORT		1998	1999	2000	2001	2002
OAHU	<i>Lbs. Landed</i>	22,368,244	21,831,064	20,344,754	16,332,445	18,524,894
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
HAWAII	<i>Lbs. Landed</i>	3,619,030	4,302,373	2,792,247	3,159,203	3,348,593
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
KAUAI & NIIHAU	<i>Lbs. Landed</i>	809,782	789,021	785,651	588,460	569,250
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
MAUI COUNTY	<i>Lbs. Landed</i>	800,835	685,351	580,467	537,833	463,948
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TOTAL	<i>Lbs. Landed</i>	27,597,891	27,607,809	24,503,119	20,617,941	22,906,685
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					

¹ Honolulu Consumer Price Index (all wage earners)

APPENDICES
Statistical Tables
Calendar 2002

Appendix A - Sea Landings by Species

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)	SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
TUNAS				AKULE/OPELU			
Aku	1,018,546			Akule	593,798		
Bigeye	9,949,048			Hahalalu	12,585		
Bluefin	454			Opelu	332,734		
Kawakawa	10,434			Opelu Mama	32		
Keokeo	138			SUBTOTAL	939,149		
Tombo	1,457,445			JACKS			
Yellowfin	2,538,287			Butaguchi	32,479		
Unclassified	10,530			Dobe	522		
SUBTOTAL	14,984,882			Gunkan	1,599		
BILLFISHES & SWORDFISH				Kamanu	5,124		
Black marlin	7,548			Kihikihi	342		
Blue marlin	879,956			Lae	825		
Sailfish	10,703			Menpachi (sasa)	122		
Shortbill spearfish	304,696			No-bite ²	---		
Striped marlin	592,435			Omaka	117		
Swordfish	467,519			Omilu	5,492		
Unclassified	324			Paopao ²	---		
SUBTOTAL	2,263,181			Papa	3,390		
MISC. PELAGIC FISHES				White	8,042		
Kaku	16,872			Unclass./misc. ²	20,959		
Mahimahi	1,273,132			SUBTOTAL	79,013		
Malolo ²	---			INSHORE FISHES			
Mola mola	72			<i>Parrotfishes</i>			
Monchong	463,407			Panuhunuhu	901		
Ono	671,770			Panunu ²	27		
Opah	882,840			Uhu	30,373		
Walu	193,458			<i>Goatfishes</i>			
SUBTOTAL	3,501,551			Kumu	3,911		
DEEP BOTTOMFISHES				Malu	161		
Alfonsin ²	---			Moano	2,999		
Ehu	28,785			Moana kali	1,090		
Golden kale	95			Munu	521		
Hapuupuu	38,538			Weke nono	8,461		
Hogo	2,041			Weke pueo ²	---		
Kahala	12,711			Weke, red	14,124		
Kalekale	17,066			Weke, white	1,164		
Lehi	9,800			Weke(unclass./misc.) ²	31,473		
Opakapaka	152,861			<i>Surgeonfishes</i>			
Randall snapper ²	---			Black kole ²	---		
Taape	40,964			Kala	19,871		
Ukikiki (gindai)	5,165			Kalalei	57		
Uku	120,910			Kole	2,488		
Ulaula (onaga)	128,122			Maiko	4,878		
Yellow-tail kale ²	---			Manini	15,882		
SUBTOTAL	557,058			Naenae	7,472		

²Due to low level of fishermen reporting and to preserve confidentiality, data for these species are pooled under their respective species group unclassified/miscellaneous or the Unclass./Misc. category.

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
INSHORE FISHES(cont.)			
<i>Surgeonfishes(cont.)</i>			
Opelu kala	3,244		
Pakuikui	432		
Pala ²	---		
Palani	38,848		
Pualu	5,270		
<i>Damselfishes</i>			
Kupipi	116		
Maomao	1,227		
<i>Squirrelfishes</i>			
Alaihi	228		
Uu	41,899		
Uukanipo	64		
<i>Wrasses</i>			
Aawa	2,819		
Ea	72		
Hilu	23		
Hinalea	404		
Kupoupou	175		
Laenihi	4,357		
Poou	20		
<i>Miscellaneous Inshore Fishes</i>			
Ahaaha	148		
Aholehole	3,060		
Amaama	8,216		
Awa	1,400		
Awaawa	468		
Aweoweo	4,282		
Humuhumu	64		
Iheihe ²	---		
Kawelea	2,436		
Lauwiliwili ²	---		
Makiawa ²	---		
Moi	214		
Mu	2,770		
Nehu ²	---		
Nenu	22,597		
Nohu	744		
Nunu	91		
Oililepa	1,751		
Oio	3,429		
Oopuhue	2		
Pakii	24		
Poopaa	722		
Puhi (white)	54		
Puhi (misc.)	261		
Roi	667		
Tilapia	788		
Toau	1,508		
Uouoa ²	---		
Wahanui	150		
SUBTOTAL	300,897		
SHARKS			
Mako	120,575		
Oceanic whitetip	200		
Thresher	55,518		
Tiger	1,539		
Unclass/misc	5,551		
SUBTOTAL	183,383		

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
LOBSTERS			
Ula, Green spiny	1,727		
Ula, Red spiny	244		
Haanii (slipper) ²	---		
Squammosus (slipper) ²	---		
Spiny (unclass./misc.)	8,128		
Slipper (unclass./misc.) ²	58		
SUBTOTAL	10,157		
CRABS			
Aama	139		
Blue pincher ²	---		
Kona	14,149		
Kuahonu	7,921		
Samoan	77		
Crab (unclass./misc.) ²	154		
SUBTOTAL	22,440		
SHRIMP			
Ensifer ²	---		
Laevigatus	3,922		
Opaelolo ²	---		
SUBTOTAL	3,922		
OTHER ANIMALS			
Hee (day tako)	346		
Hee (unclass./misc.)	21,355		
Lole (sea cucumber) ²	---		
Muhee (squid)	3,653		
Opihi makaiauli	380		
Opihi 'alina	1,930		
Opihi (unclass.)	11,201		
Urchin, Hawae ²	---		
Ina (sea urchin eggs) ²	---		
Wana ²	---		
SUBTOTAL	38,865		
SEAWEEDS			
Limu kohu	1,929		
Limu manauea ²	---		
Limu ogo	4,020		
Limu wawaeiole	2,078		
Unclass./misc. ²	994		
SUBTOTAL	9,021		
CORALS			
Black ²	--		
SUBTOTAL		not available²	
UNCLASS./MISC.			
Unclass./misc. ²	13,166		
TOTAL	22,906,685		

Appendix B - Sea Landings by Fishing Method

FISHING METHOD	LBS. LANDED	LBS. SOLD	VALUE(\$)
Aku pole & line	675,754		
Longline	15,580,447		
Deepbottom handline	557,037		
Inshore handline	387,551		
Tuna handline	2,292,894		
Other handline	183		
Trolling	2,376,941		
Diving	81,244		
Net	815,986		
Trap	87,353		
Rod & reel (casting, dunking, etc.)	17,036		
Handpick (limu & opihi)	22,654		
Miscellaneous	11,605		
TOTAL	22,906,685		

Appendix C - Sea Landings by Island

ISLAND	LBS. LANDED	LBS. SOLD	VALUE(\$)
Oahu	18,524,894		
Hawaii	3,348,593		
Maui	424,531		
Kauai & Niihau	569,250		
Molokai	23,700		
Lanai	15,717		
STATE TOTAL	22,906,685		

Appendix F - Sea Landings by Area Fished

AREA (area catch code)	LBS. LANDED	LBS. SOLD	VALUE(\$)
Main Hawaiian Islands (refer to Fisheries Chart No. 1)			
Kaula (508,528)	53,862		
Kaulakahi Channel (521,525)	22,226		
Niihau (505-506,526,527)	29,094		
Makahuena Pt. - Kekaha (500,520)	399,716		
Barking Sands - Na Pali Coast (501-502,522)	93,353		
Hanalei - Moloa'a Bay (503,523)	87,842		
Anahola - Nawiliwili (504,524)	115,424		
Sand Is. - Ala Wai (400,420)	52,103		
Pearl Harbor - Barbers Pt. (401,421)	165,216		
Barbers Pt. - Kaena Pt. (402-403,422-423)	525,560		
Kaena Pt. - Kahuku (404-405,424-425)	353,652		
Laie Pt. - Kahana Bay (406-426)	178,086		
Kaneohe Bay (407,427)	329,148		
Kailua Bay - Makapuu Pt. (408,428)	159,532		
Makapuu Pt. - Diamond Head (409)	16,028		

Appendix F - Sea Landings by Area Fished (cont.)

AREA (area catch code)	LBS. LANDED	LBS. SOLD	VALUE(\$)
Kawai (Molokai) Channel (332,429)	99,706		
Penguin Bank (331)	109,874		
Kealaikahiki Channel (327)	45,129		
Alenuihaha Channel (324-325)	17,731		
Auau, Kalohi & Pailolo Channels (321)	28,025		
Alalakeiki Channel (320)	65,072		
Molokai (310-314,333)	41,742		
Lanai (308-309,328)	71,030		
Kahoolawe (306-307,326)	27,487		
Makena - Hana (304-305)	25,711		
Hana - Kahului (302-303,322-323)	125,335		
Honolua - Lahaina (301)	5,476		
Lahaina - Makena (300)	43,522		
Milolii - South Pt. (100,108,120,128)	207,571		
Punaluu - Kalapana (107,127)	201,267		
Kona Coast (101,121)	1,336,452		
Keahole - Kawaihae (102,122)	222,377		
Kohala - Hamakua Coast (103-104,123-124)	175,212		
Hilo (105,125)	231,003		
Puna - Kalapana (106,126)	346,571		
Other (all other area codes from Fisheries Chart No. 1 not listed above)	107,117		
SUBTOTAL	6,114,252		
Northwestern Hawaiian Islands offshore			
- 200 mile EEZ			
(refer to Fisheries Chart No. 2)			
Nihoa (16223C,16123A,16222I)	44,643		
Twin Bank (16323C,16223A) ³	40,582		
Necker (16423D,16423E,16423F,16423B,16423C) ³	---		
French Frigate (16623H,16623I,16623F)	8,592		
Brooks Bank (16624A,16623G)	11,668		
St. Rogatien (16724F,16724C)	25,054		
Gardner Pinnacles (16825C,16725A,16824I,16824F,16724G,16724D)	10,788		
Maro Reef (17025D, 17025E, 17025A, 17025B)	28,445		
Laysan (17125G, 17125H) ³	---		
North Hampton (17225E, 17225F, 17225C) ³	---		
Pioneer Bank (17326B, 17326C, 17325H, 17325I) ³	---		
Lisianski (17426C, 17326A, 17425I, 17325G) ³	---		
Other (all other areas codes from Fisheries Chart No. 2 not listed above) ³	319,856		
SUBTOTAL	489,628		
Other areas (not in Fisheries Charts 1 & 2) (other mid-ocean and missing area fished codes)	16,302,805		
TOTAL	22,906,685		

³Due to low level of fishermen reporting and to preserve confidentiality, data for these fishing methods and areas pooled under their respective group totals.