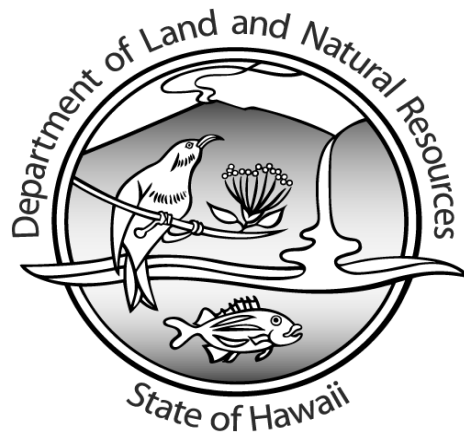


# COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT

CALENDAR YEAR 2005



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

# TABLE OF CONTENTS

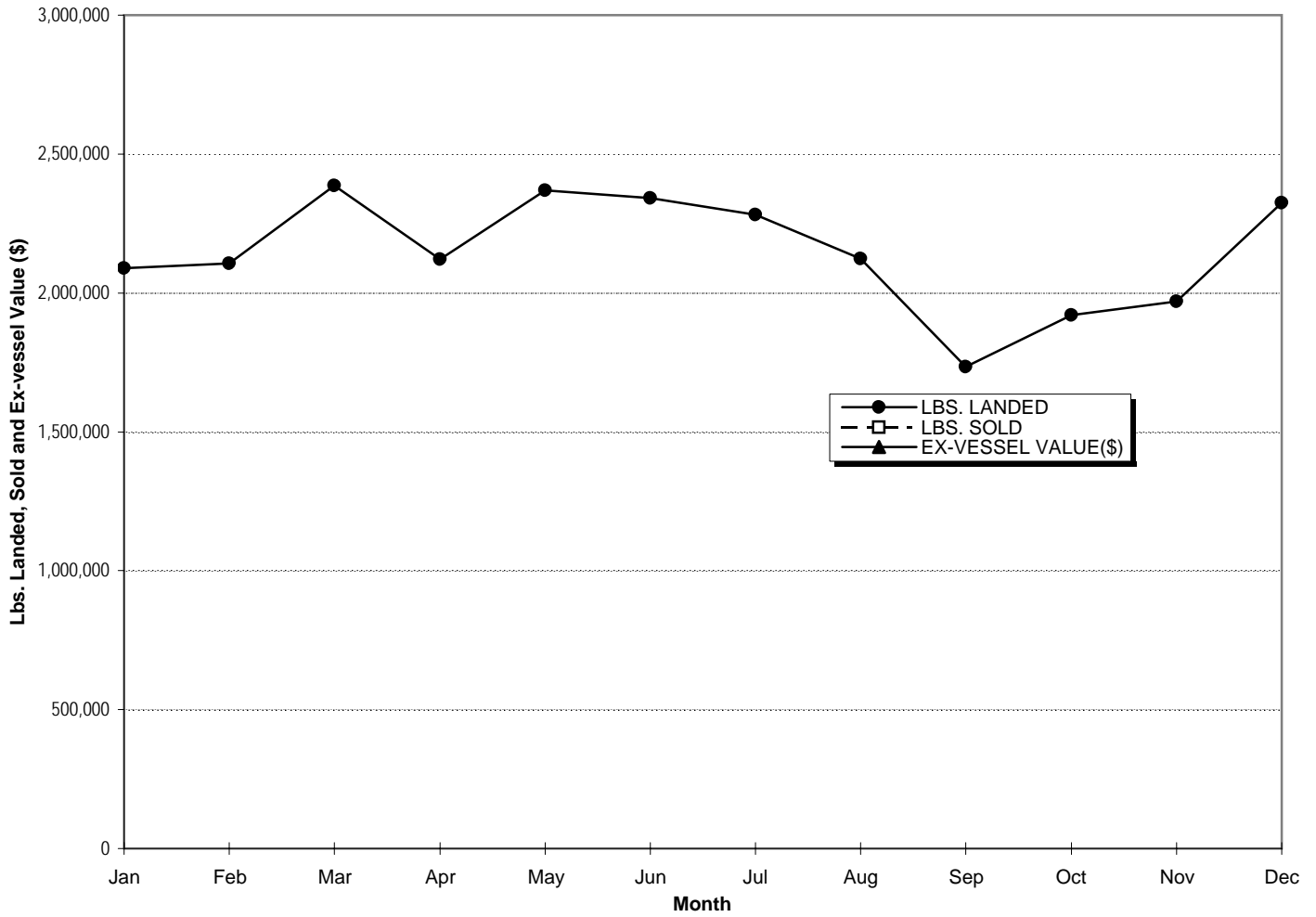
	<b>Page No.</b>
<b>I. INTRODUCTION</b> .....	1
 <b>II. CHARTS</b>	
<i>A. TOTAL SEA LANDINGS</i>	
1. Annual Monthly Trends .....	2
2. Annual 5-year Trends .....	3
 <i>B. SEA LANDINGS BY SPECIES GROUPS</i>	
1. Annual Monthly Trends .....	4
2. Annual 5-year Trends .....	5
 <i>C. SEA LANDINGS BY FISHING METHOD</i>	
1. Annual Monthly Trends .....	6
2. Annual 5-year Trends .....	7
 <i>D. SEA LANDINGS BY PORT</i>	
1. Annual Monthly Trends .....	8
2. Annual 5-year Trends .....	9
 <b>II. APPENDICES</b>	
A. Sea Landings by Species .....	10
B. Sea Landings by Fishing Method .....	12
C. Sea Landings by Island .....	12
D. Sea Landings by Area Fished .....	12
E. FAD Catches by Island and Species .....	13
F. FAD Catches by Island, FAD and Fishing Trip Count .....	16

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

## INTRODUCTION

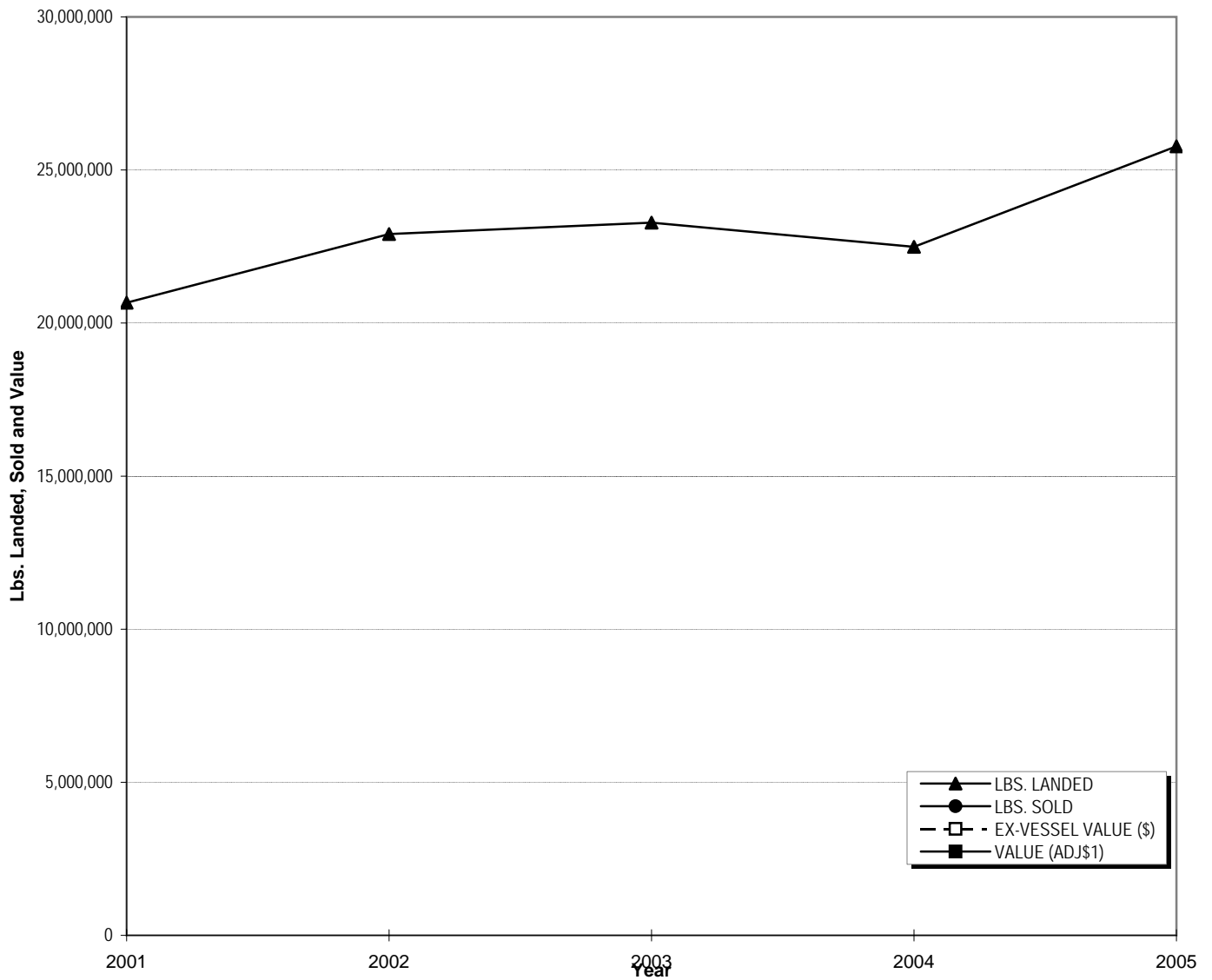
The information presented in this Commercial Marine Landing Summary Trend Report is compiled from fishing reports submitted by licensed fishermen. Commercial fishers are required to obtain commercial marine licenses and submit fishing reports to DLNR-DAR. In previous editions of these summary trend reports, 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, 2005**



<b>MONTH</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>EX-VESSEL VALUE(\$)</b>
<i>Jan</i>	2,088,821		
<i>Feb</i>	2,106,948		
<i>Mar</i>	2,386,327		
<i>Apr</i>	2,122,171		
<i>May</i>	2,369,953		
<i>Jun</i>	2,342,117		
<i>Jul</i>	2,281,871		
<i>Aug</i>	2,124,303		
<i>Sep</i>	1,734,986		
<i>Oct</i>	1,920,131		
<i>Nov</i>	1,969,506		
<i>Dec</i>	2,323,933		
<b>TOTAL</b>	<b>25,771,067</b>		

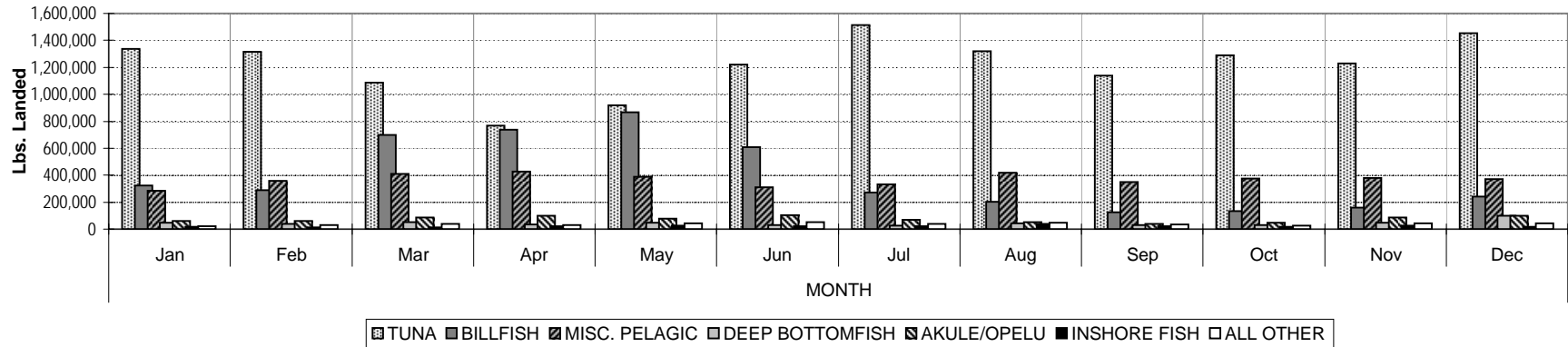
**CHART A.2  
TOTAL SEA LANDINGS ANNUAL 5 - YEAR TRENDS. 2001 - 2005**



<b>YEAR</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>EX-VESSEL VALUE (\$)</b>	<b>HCPI<sup>1</sup></b>	<b>VALUE (ADJ\$<sup>1</sup>)</b>
2001	20,665,167				
2002	22,906,909				
2003	23,281,250				
2004	22,490,059				
2005	25,771,067				

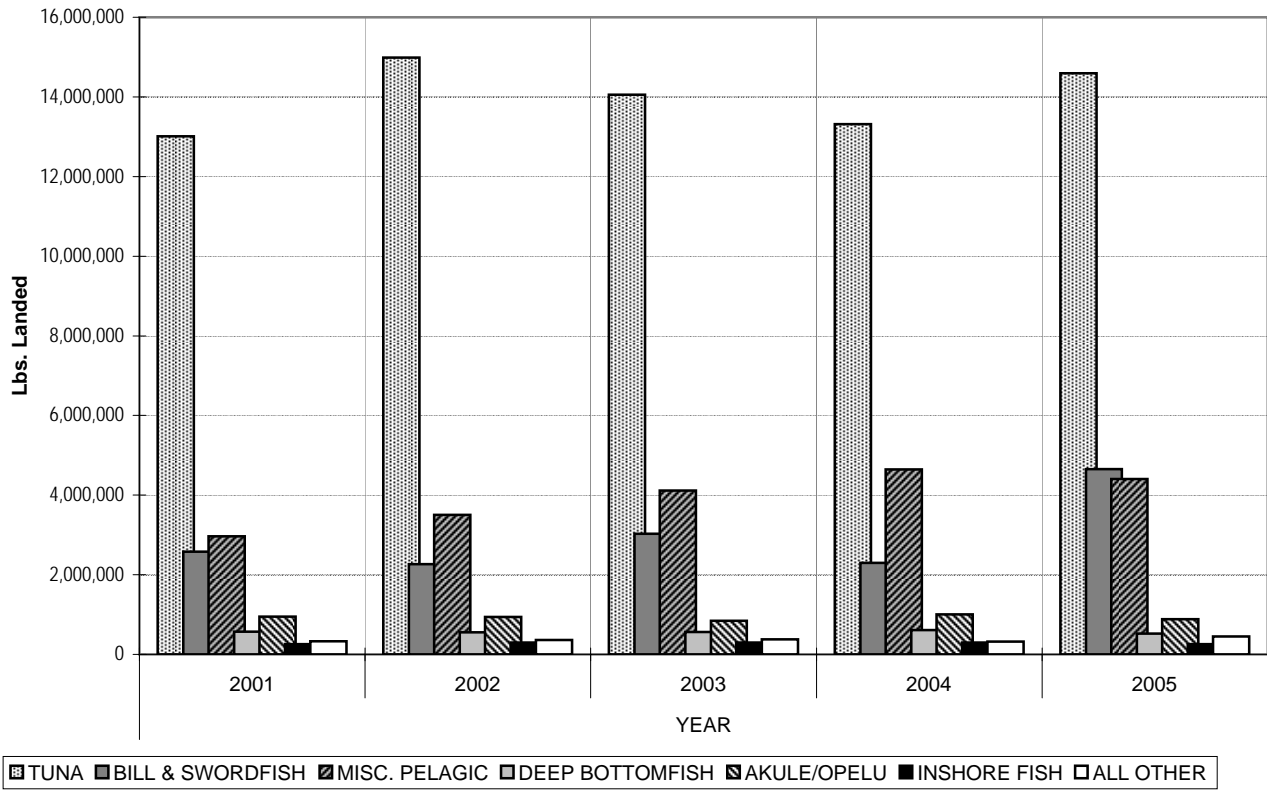
<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**CHART B.1  
SEA LANDINGS BY SPECIES GROUP ANNUAL MONTHLY TRENDS, 2005**



Calendar Year 2005		MONTH												YEAR
SPECIES GROUP		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
TUNA	Lbs. Landed	1,337,721	1,317,312	1,087,322	768,827	919,509	1,220,420	1,515,669	1,321,194	1,137,406	1,289,400	1,227,530	1,454,676	14,596,986
	Lbs. Sold													
	Ex-vessel Value (\$)													
BILLFISH	Lbs. Landed	323,901	289,883	697,577	738,010	868,298	606,028	270,643	201,566	124,926	133,811	160,944	239,853	4,655,440
	Lbs. Sold													
	Ex-vessel Value(\$)													
MISC. PELAGIC	Lbs. Landed	282,776	357,558	410,833	427,410	387,648	309,675	332,793	420,024	347,316	376,547	380,271	372,923	4,405,774
	Lbs. Sold													
	Ex-vessel Value(\$)													
DEEP BOTTOMFISH	Lbs. Landed	45,518	38,397	51,904	36,073	47,819	30,135	27,574	41,437	30,182	30,878	45,703	97,177	522,797
	Lbs. Sold													
	Ex-vessel Value (\$)													
AKULE/OPELU	Lbs. Landed	60,972	59,469	84,551	101,099	79,042	104,814	71,065	53,383	37,195	48,632	88,235	98,768	887,225
	Lbs. Sold													
	Ex-vessel Value (\$)													
INSHORE FISH	Lbs. Landed	15,350	14,015	13,726	20,709	25,180	21,195	23,597	40,937	21,559	16,913	24,727	18,678	256,586
	Lbs. Sold													
	Ex-vessel Value (\$)													
ALL OTHER	Lbs. Landed	22,583	30,314	40,414	30,043	42,457	49,850	40,530	45,762	36,402	23,950	42,096	41,858	446,259
	Lbs. Sold													
	Ex-vessel Value (\$)													
<b>TOTAL</b>	<b>Lbs. Landed</b>	<b>2,088,821</b>	<b>2,106,948</b>	<b>2,386,327</b>	<b>2,122,171</b>	<b>2,369,953</b>	<b>2,342,117</b>	<b>2,281,871</b>	<b>2,124,303</b>	<b>1,734,986</b>	<b>1,920,131</b>	<b>1,969,506</b>	<b>2,323,933</b>	<b>25,771,067</b>
	<b>Lbs. Sold</b>													
	<b>Ex-vessel Value (\$)</b>													

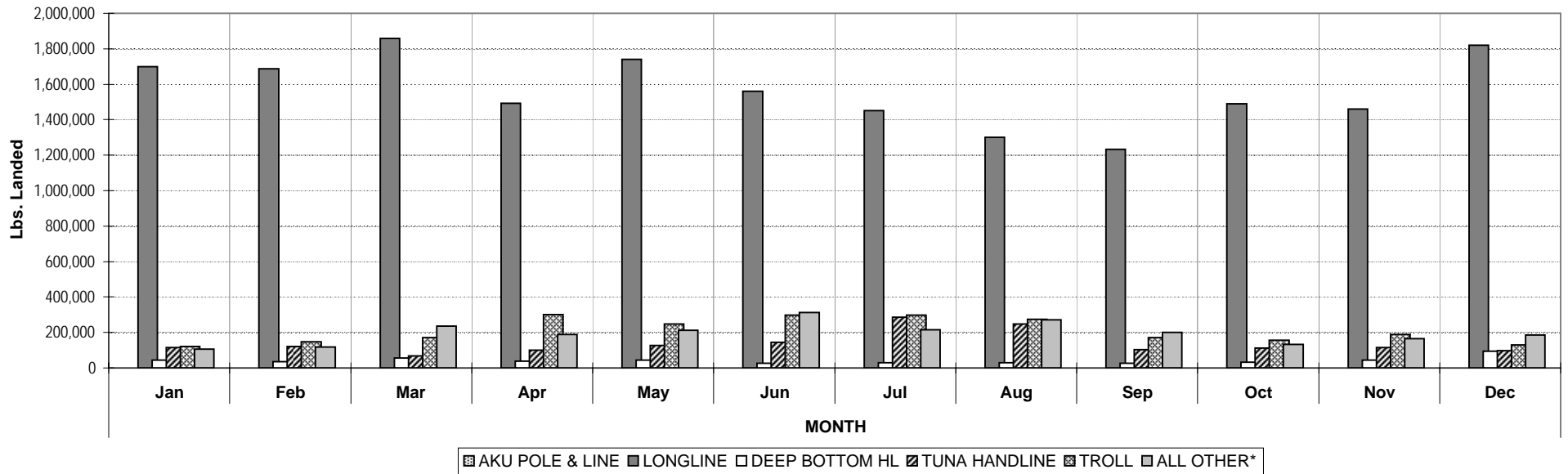
**CHART B.2  
SEA LANDINGS BY SPECIES GROUPS ANNUAL 5 - YEAR TRENDS, 2001 - 2005**



<i>Calendar Year</i>		<i>YEAR</i>				
<i>SPECIES GROUP</i>		<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>
TUNA	<i>Lbs. Landed</i>	13,012,132	14,984,882	14,059,039	13,314,259	14,596,986
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
BILL & SWORDFISH	<i>Lbs. Landed</i>	2,577,817	2,263,181	3,030,082	2,295,488	4,655,440
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
MISC. PELAGIC	<i>Lbs. Landed</i>	2,966,447	3,501,554	4,110,796	4,645,777	4,405,774
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
DEEP BOTTOMFISH	<i>Lbs. Landed</i>	573,815	557,084	558,601	613,374	522,797
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
AKULE/OPELU	<i>Lbs. Landed</i>	944,260	939,372	847,465	1,003,583	887,225
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
INSHORE FISH	<i>Lbs. Landed</i>	258,277	301,162	295,184	296,418	256,586
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
ALL OTHER	<i>Lbs. Landed</i>	332,419	359,674	380,083	321,160	446,259
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>20,665,167</b>	<b>22,906,909</b>	<b>23,281,250</b>	<b>22,490,059</b>	<b>25,771,067</b>
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					

<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**CHART C.1  
SEA LANDINGS BY FISHING METHOD ANNUAL MONTHLY TRENDS, 2005**

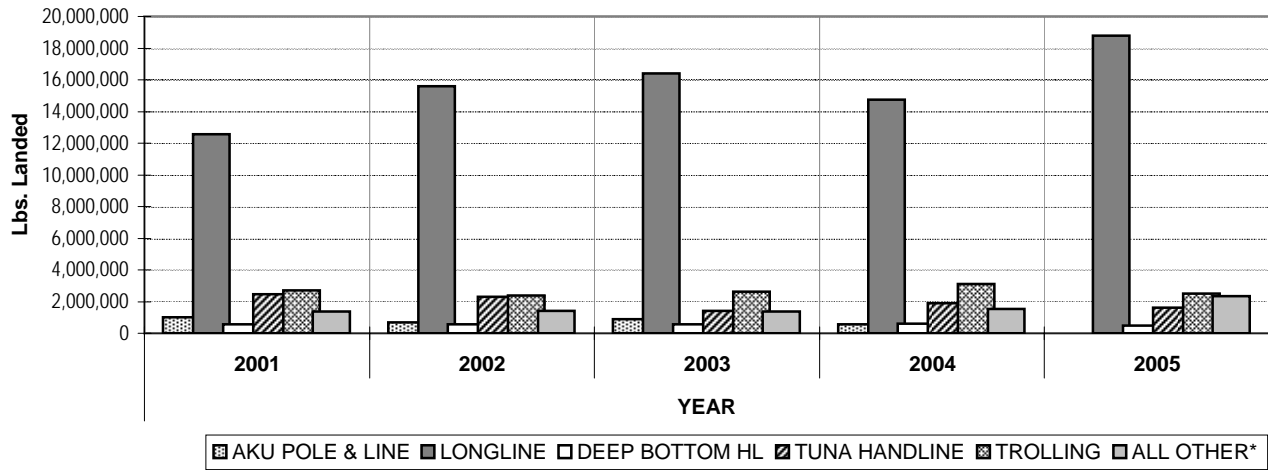


Calendar Year 2005		MONTH												YEAR TOTAL
METHOD		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
AKU POLE & LINE	Lbs. Landed	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lbs. Sold													
	Ex-vessel Value (\$)													
LONGLINE	Lbs. Landed	1,700,056	1,686,706	1,858,363	1,493,409	1,739,366	1,560,864	1,452,579	1,300,478	1,233,586	1,488,350	1,458,795	1,820,478	18,793,030
	Lbs. Sold													
	Ex-vessel Value (\$)													
DEEP BOTTOM HL	Lbs. Landed	44,549	35,165	54,660	37,508	43,367	25,753	29,246	30,827	27,008	31,167	44,236	93,336	496,822
	Lbs. Sold													
	Ex-vessel Value (\$)													
TUNA HANDLINE	Lbs. Landed	115,475	120,838	66,428	99,997	126,016	143,242	287,247	248,347	102,969	111,539	114,472	96,274	1,632,844
	Lbs. Sold													
	Ex-vessel Value (\$)													
TROLL	Lbs. Landed	121,367	147,154	172,228	302,348	247,792	299,054	298,014	274,688	169,969	156,403	187,903	128,461	2,505,381
	Lbs. Sold													
	Ex-vessel Value (\$)													
ALL OTHER*	Lbs. Landed	107,374	117,085	234,648	188,909	213,412	313,204	214,785	269,963	201,454	132,672	164,100	185,384	2,342,990
	Lbs. Sold													
	Ex-vessel Value (\$)													
<b>TOTAL</b>	Lbs. Landed	<b>2,088,821</b>	<b>2,106,948</b>	<b>2,386,327</b>	<b>2,122,171</b>	<b>2,369,953</b>	<b>2,342,117</b>	<b>2,281,871</b>	<b>2,124,303</b>	<b>1,734,986</b>	<b>1,920,131</b>	<b>1,969,506</b>	<b>2,323,933</b>	<b>25,771,067</b>
	Lbs. Sold													
	Ex-vessel Value (\$)													

\*Due to low level of fishermen reporting and to preserve confidentiality, data for these methods are pooled under "ALL OTHER" group.



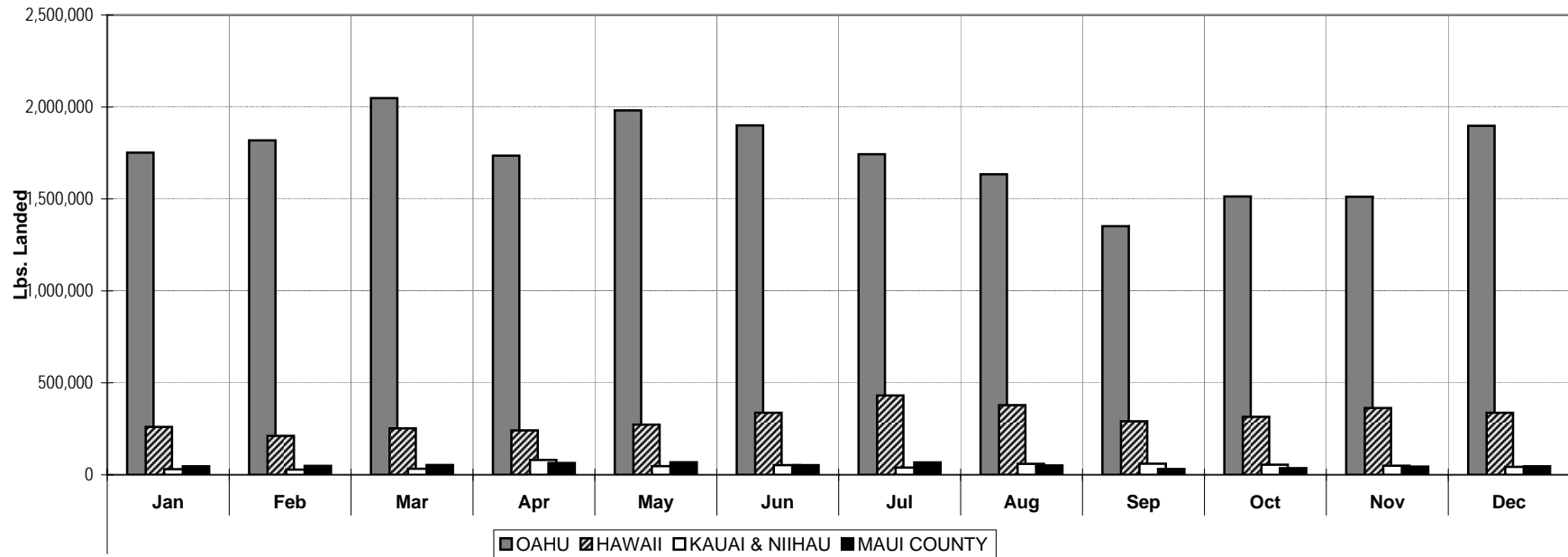
**CHART C.2  
SEA LANDINGS FISHING METHOD ANNUAL 5 - YEAR TRENDS, 2001 - 2005**



<i>Calendar Year</i>		<b>YEAR</b>				
<b>FISHING METHOD</b>		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
AKU POLE & LINE	<i>Lbs. Landed</i>	990,621	675,754	905,939	578,171	*
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
LONGLINE	<i>Lbs. Landed</i>	12,570,081	15,580,447	16,396,779	14,759,339	18,793,030
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
DEEP BOTTOM HL	<i>Lbs. Landed</i>	558,545	557,038	546,468	587,689	496,822
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
TUNA HANDLINE	<i>Lbs. Landed</i>	2,454,367	2,292,894	1,419,894	1,914,037	1,632,844
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
TROLLING	<i>Lbs. Landed</i>	2,700,032	2,376,941	2,638,362	3,129,947	2,505,381
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
ALL OTHER*	<i>Lbs. Landed</i>	1,391,521	1,423,835	1,373,808	1,520,876	2,342,990
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>20,665,167</b>	<b>22,906,909</b>	<b>23,281,250</b>	<b>22,490,059</b>	<b>25,771,067</b>
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					

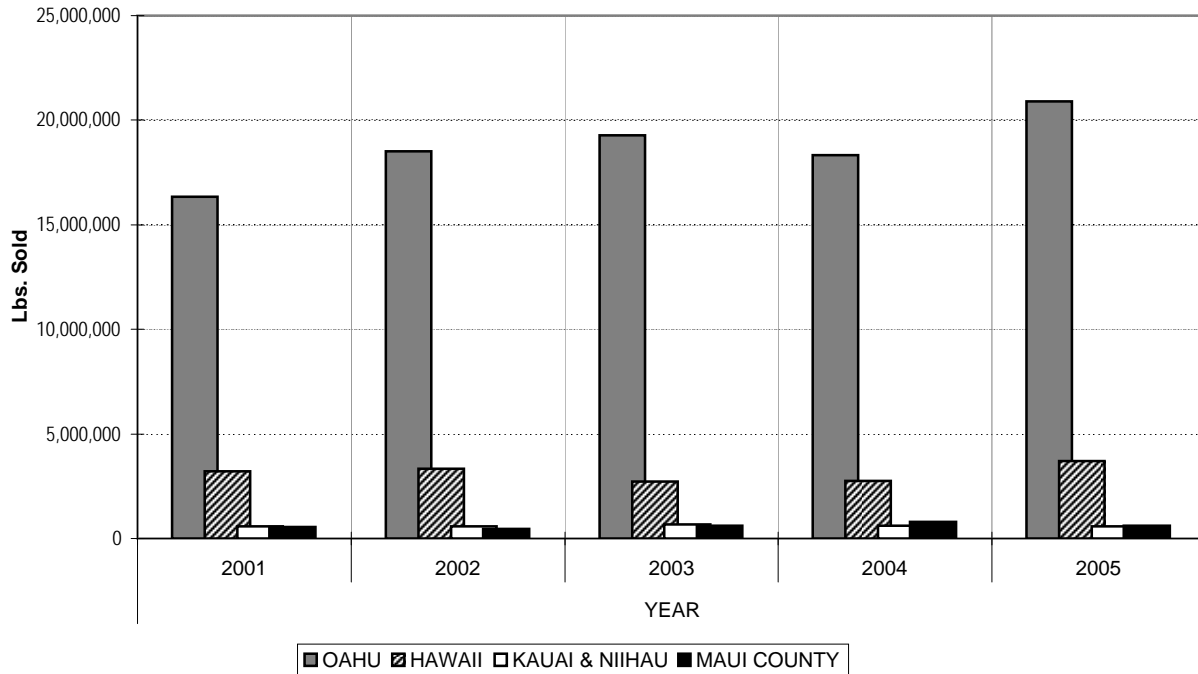
<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**CHART D.1  
SEA LANDINGS BY PORT ANNUAL MONTHLY TRENDS, 2005**



Calendar Year 2005		Month												TOTAL
PORT		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
OAHU	Lbs. Landed	1,751,565	1,818,310	2,047,941	1,735,236	1,981,340	1,900,137	1,743,149	1,634,126	1,352,304	1,513,603	1,512,142	1,897,457	20,887,310
	Lbs. Sold													
	Ex-vessel Value (\$)													
HAWAII	Lbs. Landed	260,692	212,079	252,132	241,182	273,015	336,848	431,626	378,997	290,980	315,431	362,715	337,372	3,693,069
	Lbs. Sold													
	Ex-vessel Value (\$)													
KAUAI & NIIHAU	Lbs. Landed	30,267	27,890	32,949	81,133	47,146	52,870	39,567	59,959	60,696	54,633	49,595	42,898	579,603
	Lbs. Sold													
	Ex-vessel Value (\$)													
MAUI COUNTY	Lbs. Landed	46,297	48,669	53,305	64,620	68,452	52,262	67,529	51,221	31,006	36,464	45,054	46,206	611,085
	Lbs. Sold													
	Ex-vessel Value (\$)													
TOTAL	Lbs. Landed	2,088,821	2,106,948	2,386,327	2,122,171	2,369,953	2,342,117	2,281,871	2,124,303	1,734,986	1,920,131	1,969,506	2,323,933	25,771,067
	Lbs. Sold													
	Ex-vessel Value (\$)													

**CHART D.2  
SEA LANDINGS BY PORT ANNUAL 5-YEAR TRENDS, 2001 - 2005**



<i>Calendar Year</i>		<i>YEAR</i>				
<b>PORT</b>		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>OAHU</b>	<i>Lbs. Landed</i>	16,332,445	18,524,895	19,289,833	18,321,652	20,887,310
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>HAWAII</b>	<i>Lbs. Landed</i>	3,206,429	3,348,816	2,717,512	2,766,497	3,693,069
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>KAUAI &amp; NIIHAU</b>	<i>Lbs. Landed</i>	588,460	569,250	663,914	617,976	579,603
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>MAUI COUNTY</b>	<i>Lbs. Landed</i>	537,833	463,948	609,991	783,934	611,085
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>20,665,167</b>	<b>22,906,909</b>	<b>23,281,250</b>	<b>22,490,059</b>	<b>25,771,067</b>
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					

<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**APPENDICES**  
**Statistical Tables**  
**Calendar 2005**

**Appendix A - Sea Landings by Species**

<b>SPECIES</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>	<b>SPECIES</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
<b>TUNAS</b>				<b>AKULE/OPELU</b>			
Aku	1,025,773			Akule	565,761		
Bigeye	9,720,641			Hahalalu	88,724		
Bluefin <sup>2</sup>	---			Opelu	232,501		
Kawakawa	7,932			Opelu Mama	239		
Keokeo	30			<b>SUBTOTAL</b>	<b>887,225</b>		
Tombo	853,134						
Yellowfin	2,966,988			<b>JACKS</b>			
Unclassified	22,488			Barred-jack <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>14,596,986</b>			Butaguchi	14,335		
<b>BILLFISHES &amp; SWORDFISH</b>				Dobe <sup>2</sup>	---		
Black marlin	4,439			Gunkan	906		
Blue marlin	857,834			Kamanu	5,247		
Sailfish	6,836			Kihikihi	281		
Shortbill spearfish	434,196			Lae	380		
Striped marlin	975,983			Menpachi (sasa)	1,008		
Swordfish	2,370,855			No-bite <sup>2</sup>	---		
Unclassified	5,297			Omaka <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>4,655,440</b>			Omilu	9,501		
<b>MISC. PELAGIC FISHES</b>				Paopao	81		
Kaku	28,473			Papa	5,245		
Mahimahi	1,426,110			White	12,570		
Mola mola	123			Unclass./misc.	1,214		
Monchong	645,586			<b>SUBTOTAL</b>	<b>50,768</b>		
Ono	847,393			<b>INSHORE FISHES</b>			
Opah	1,077,280			<i>Parrotfishes</i>			
Walu	380,809			Panuhunuhu	509		
<b>SUBTOTAL</b>	<b>4,405,774</b>			Panunu	---		
<b>DEEP BOTTOMFISHES</b>				Uhu	32,064		
Alfonsin <sup>2</sup>	---			<i>Goatfishes</i>			
Armorhead <sup>2</sup>	---			Kumu	2,579		
Ehu	32,873			Malu	29		
Golden kale	138			Moano	2,294		
Hapuupuu	47,756			Moana kali	1,344		
Hauliuli <sup>2</sup>	---			Munu	275		
Hogo	2,202			Weke nono	2,899		
Kahala	7,674			Weke pueo <sup>2</sup>	---		
Kalekale	9,351			Weke, red	20,886		
Lehi	6,448			Weke, white	8,322		
Opakapaka	108,306			Weke (unclass.) <sup>2</sup>	1,075		
Taape	39,267			<i>Surgeonfishes</i>			
Ukikiki (gindai)	6,865			Api <sup>2</sup>	---		
Uku	150,925			Black kole <sup>2</sup>	---		
Ulaula (onaga)	110,878			Kala	22,529		
Yellow-tail kale <sup>2</sup>	45			Kalalei	161		
<b>SUBTOTAL</b>	<b>522,728</b>			Kole	2,463		
				Maiko	4,388		
				Manini	12,339		

<sup>2</sup>Due 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(\$)
<b>INSHORE FISHES(cont.)</b>			
<i>Surgeonfishes(cont.)</i>			
Naenae	6,095		
Opelu kala	900		
Pakuikui	72		
Palani	34,628		
Pualu	6,443		
<i>Damselfishes</i>			
Kupipi <sup>2</sup>	---		
Maomao	2,131		
<i>Squirrelfishes</i>			
Alaihi	168		
Uu	35,131		
Uukanipo	68		
<i>Wrasses</i>			
Aawa	1,316		
Ea <sup>2</sup>	---		
Hilu <sup>2</sup>	---		
Hinalea	40		
Kupoupou <sup>2</sup>	---		
Laenihi	2,315		
Poou <sup>2</sup>	---		
<i>Miscellaneous Inshore Fishes</i>			
Ahaaha	824		
Aholehole	2,250		
Amaama	7,741		
Awa	2,458		
Awaawa	581		
Aweoweo	5,541		
Humuhumu	61		
Iheihe <sup>2</sup>	---		
Kawealea	1,787		
Moi	408		
Mu	1,426		
Nenu	19,639		
Nohu	1,077		
Nunu	33		
Oililepa	407		
Oio	3,344		
Oopuhue <sup>2</sup>	---		
Pakii	26		
Poopaa	324		
Puhi (brown)	28		
Puhi (white)	57		
Puhi (misc.) <sup>2</sup>	---		
Roi	458		
Tilapia <sup>2</sup>	---		
Toau	1,812		
Uouoa	44		
Upapalu <sup>2</sup>	---		
Wahanui	39		
<b>SUBTOTAL</b>	<b>253,828</b>		

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
<b>SHARKS</b>			
Mako	142,504		
Oceanic whitetip	50		
Thresher	44,657		
Unclass/misc	6,239		
<b>SUBTOTAL</b>	<b>193,450</b>		
<b>LOBSTERS</b>			
Ula, Green spiny	11,334		
Ula, Red spiny	302		
Spiny (unclass./misc.)	222		
Haanii (slipper) <sup>2</sup>	---		
Slipper (unclass./misc.) <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>11,858</b>		
<b>CRABS</b>			
Kona	10,088		
Kuahonu <sup>2</sup>	---		
Samoa	2,114		
Crab (unclass./misc.) <sup>2</sup>	17,172		
<b>SUBTOTAL</b>	<b>29,374</b>		
<b>SHRIMP</b>			
Ensifer <sup>2</sup>	---		
Laevigatus	109,660		
<b>SUBTOTAL</b>	<b>109,660</b>		
<b>OTHER ANIMALS</b>			
Hee (day tako)	19,650		
Hee (unclass./misc.) <sup>2</sup>	489		
Lole (sea cucumber) <sup>2</sup>	---		
Muhee (squid)	817		
Opihi makaiauli	145		
Opihi 'alina	7,086		
Opihi (unclass.) <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>28,187</b>		
<b>SHELLS</b>			
	n/a		
<b>SUBTOTAL</b>	<b>n/a</b>		
<b>SEAWEEDS</b>			
Limu kohu	2,490		
Limu manauea <sup>2</sup>	---		
Limu ogo	6,954		
Limu wawaeiole	---		
Unclass./misc. <sup>2</sup>	740		
<b>SUBTOTAL</b>	<b>10,184</b>		
<b>CORALS</b>			
Black <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>---</b>		
Unclass./misc. <sup>2</sup>	15,605		
<b>TOTAL</b>	<b>25,771,067</b>		

**Appendix B - Sea Landings by Fishing Method**

FISHING METHOD	LBS. LANDED	LBS. SOLD	VALUE(\$)
Aku pole & line <sup>3</sup>	---		
Longline	18,793,030		
Deepbottom handline	496,822		
Inshore handline	205,349		
Tuna handline	1,632,844		
Other handline <sup>3</sup>	1,807		
Trolling	2,505,381		
Diving	97,464		
Net	910,646		
Trap	148,595		
Rod & reel (casting, dunking, etc.)	51,937		
Handpick (limu & opihi)	17,459		
Unclass./Misc. <sup>3</sup>	909,733		
<b>TOTAL</b>	<b>25,771,067</b>		

**Appendix C - Sea Landings by Island**

ISLAND	LBS. LANDED	LBS. SOLD	VALUE(\$)
Oahu	20,887,310		
Hawaii	3,693,069		
Maui	556,151		
Kauai & Niihau	579,603		
Molokai	35,312		
Lanai	19,622		
<b>STATE TOTAL</b>	<b>25,771,067</b>		

**Appendix D - Sea Landings by Area Fished**

AREA (area catch code)	LBS. LANDED	LBS. SOLD	VALUE(\$)
<b>Main Hawaiian Islands (refer to Fisheries Chart No. 1)</b>			
Kaula (508,528)	50,662		
Kaulakahi Channel (521,525)	16,477		
Niihau (505-506,526,527)	147,321		
Makahuena Pt. - Kekaha (500,520)	423,315		
Barking Sands - Na Pali Coast (501-502,522)	26,816		
Hanalei - Moloa'a Bay (503,523)	110,947		
Anahola - Nawiliwili (504,524)	128,772		
Sand Is. - Ala Wai (400,420)	46,428		
Pearl Harbor - Barbers Pt. (401,421)	332,272		
Barbers Pt. - Kaena Pt. (402-403,422-423)	552,343		
Kaena Pt. - Kahuku (404-405,424-425)	404,172		
Laie Pt. - Kahana Bay (406-426)	315,707		
Kaneohe Bay (407,427)	318,071		
Kailua Bay - Makapuu Pt. (408,428)	117,772		
Makapuu Pt. - Diamond Head (409)	47,546		

**Appendix D - Sea Landings by Area Fished (cont.)**

AREA (area catch code)	LBS. LANDED	LBS. SOLD	VALUE(\$)
Kawai (Molokai) Channel (332,429)	29,565		
Penguin Bank (331)	98,099		
Kealaikahiki Channel (327)	48,409		
Alenuihaha Channel (324-325)	33,982		
Auau, Kalohi & Pailolo Channels (321)	18,724		
Alalakeiki Channel (320)	51,727		
Molokai (310-314,333)	40,004		
Lanai (308-309,328)	100,281		
Kahoolawe (306-307,326)	23,704		
Makena - Hana (304-305)	37,746		
Hana - Kahului (302-303,322-323)	158,421		
Honolua - Lahaina (301)	3,041		
Lahaina - Makena (300)	112,575		
Milolii - South Pt. (100,108,120,128)	135,699		
Punaluu - Kalapana (107,127)	114,260		
Kona Coast (101,121)	1,217,890		
Keahole - Kawaihae (102,122)	173,889		
Kohala - Hamakua Coast (103-104,123-124)	43,867		
Hilo (105,125)	270,338		
Puna - Kalapana (106,126)	375,529		
Other (all other area codes from Fisheries Chart No. 1 not listed above)	96,810		
<b>SUBTOTAL</b>	<b>6,223,181</b>		
<b>Northwestern Hawaiian Islands offshore - 200 mile EEZ (refer to Fisheries Chart No. 2)</b>			
Nihoa (16223C,16123A,16222I) <sup>3</sup>	---		
Twin Bank (16323C,16223A) <sup>3</sup>	---		
Necker (16423D,16423E,16423F,16423B,16423C)	54,534		
French Frigate (16623H,16623I,16623F)	4,247		
Brooks Bank (16624A,16623G)	24,120		
St. Rogatien (16724F,16724C) <sup>3</sup>	---		
Gardner Pinnacles (16825C,16725A,16824I,16824F,16724G,16724D)	8,838		
Maro Reef (17025D, 17025E, 17025A, 17025B)	17,945		
Laysan (17125G, 17125H) <sup>3</sup>	---		
North Hampton (17225E, 17225F, 17225C) <sup>3</sup>	---		
Pioneer Bank (17326B, 17326C, 17325H, 17325I) <sup>3</sup>	---		
Lisianski (17426C, 17326A, 17425I, 17325G) <sup>3</sup>	---		
Other (all other areas codes from Fisheries Chart No. 2 not listed above) <sup>3</sup>	135,214		
<b>SUBTOTAL</b>	<b>244,898</b>		
Other areas (not in Fisheries Charts 1 & 2) (other mid-ocean and missing area fished codes)	19,302,988		
<b>TOTAL</b>	<b>25,771,067</b>		

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

**Appendix E - FAD Catches by Island and species**

**Hawaii FADs**

<i>SPECIES</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>HK</i>	<i>KH</i>	<i>OTEC</i>	<i>QQ</i>	<i>RN</i>	<i>SS</i>	<i>TT</i>	<i>UU</i>	<i>VV</i>	<i>XX</i>	<i>ZZ</i>	<i>TOTAL</i>
Aku	--	429	1,117	2,745	261	522	14,308	3,731	**	165	2,486	**	--	--	1,751	2,121	**	**	30,202
Bigeye	--	**	579	**	--	282	1,355	488	--	22,725	1,472	--	--	--	737	434	--	**	35,772
Bluefin	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**
Kawakawa	--	--	--	--	--	--	**	--	--	--	--	--	--	--	**	--	--	--	**
Tombo	--	1,229	23,382	**	--	**	1,457	778	--	--	**	--	--	--	**	3,361	--	--	32,217
Yellowfin	**	6,458	19,614	5,072	290	3,389	41,698	8,723	3,583	1,658	15,490	**	**	**	4,701	10,795	419	**	123,220
Tuna (misc.)	--	**	**	--	--	--	581	**	--	**	**	--	--	--	--	416	--	--	1,594
Blue marlin	--	1,203	1,219	2,114	--	2,519	10,744	2,434	**	719	1,382	--	--	--	148	4,434	**	--	27,376
Shortbill spearfish	--	**	88	--	--	73	--	--	--	**	--	--	--	--	**	189	--	--	535
Striped marlin	--	--	--	--	--	172	**	--	--	--	--	--	--	--	--	105	**	--	451
Swordfish	--	**	**	--	--	--	--	--	--	--	--	--	--	--	**	--	--	--	606
Kaku	--	**	--	--	--	**	--	--	--	--	--	--	--	**	--	--	--	--	62
Mahimahi	233	1,586	2,282	650	433	1,617	6,500	2,671	1,630	2,938	559	**	**	138	808	789	2,442	**	26,135
Ono	**	195	776	471	466	269	1,044	309	339	608	405	**	--	**	370	824	92	206	6,662
Uku	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--	**
Kamanu	--	--	**	--	--	**	276	108	**	--	30	--	--	--	--	--	--	--	512
Akule	--	--	--	--	**	--	**	--	--	--	--	--	--	--	--	--	--	--	**
Opelu	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--	**
Ulua (misc.)	--	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**
Thresher shark	--	--	--	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--	**
Squid	--	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--	--	--	**
Unclass./Misc.**	154	7,674	528	472	--	1,002	480	--	748	321	209	--	--	858	1,240	--	415	275	829
<b>TOTAL</b>	<b>387</b>	<b>18,774</b>	<b>49,585</b>	<b>11,524</b>	<b>1,450</b>	<b>9,845</b>	<b>78,443</b>	<b>19,242</b>	<b>6,300</b>	<b>29,134</b>	<b>22,033</b>	<b>**</b>	<b>**</b>	<b>996</b>	<b>9,755</b>	<b>23,468</b>	<b>3,368</b>	<b>481</b>	<b>286,173</b>

**Oahu FADs**

<i>SPECIES</i>	<i>J</i>	<i>P</i>	<i>R</i>	<i>S</i>	<i>T</i>	<i>U</i>	<i>V</i>	<i>X</i>	<i>BO</i>	<i>CO</i>	<i>HH</i>	<i>II</i>	<i>LL</i>	<i>MM</i>	<i>TOTAL</i>
Aku	9,733	190	3,624	3,637	10,141	15,445	412	42,732	11,475	68,270	124,334	4,113	120,472	27,157	441,721
Bigeye	**	**	**	**	--	74	**	977	**	133	544	--	8,675	1,198	12,327
Kawakawa	--	--	**	--	--	**	58	--	--	**	**	--	--	**	125
Keokeo	--	--	--	--	--	--	**	--	--	--	--	**	--	--	**
Tombo	--	--	**	**	**	**	--	--	**	--	542	--	**	--	753
Yellowfin	15,768	389	4,446	5,830	631	3,008	536	45,835	4,447	11,491	27,137	8,015	82,857	26,025	236,415
Tuna (misc.)	--	--	**	**	--	--	**	--	309	--	**	--	--	--	716
Black marlin	**	--	**	--	--	--	--	--	--	--	--	--	**	**	665
Blue marlin	1,125	**	3,440	2,330	--	1,005	2,652	1,700	1,743	1,669	1,799	517	1,620	741	20,771
Sailfish	--	--	--	--	--	**	--	--	--	--	--	--	--	**	**
Shortbill spearfish	**	--	**	**	69	--	191	**	102	184	211	--	**	--	1,009
Striped marlin	**	**	726	451	--	--	1,334	**	447	943	218	156	**	--	4,514
Swordfish	--	--	--	--	--	--	--	--	--	--	--	--	--	**	**
Billfish (unclass.)	**	--	--	--	--	--	**	--	**	**	--	**	--	--	657
Kaku	--	--	--	**	--	--	**	**	--	--	--	--	--	--	68
Kamanu	--	**	--	31	--	**	--	**	--	**	--	**	**	**	117
Mahimahi	3,326	2,711	934	1,008	1,509	1,244	1,815	10,748	3,897	1,198	6,329	2,623	8,594	6,290	52,240
Ono	313	118	202	297	237	450	494	1,780	833	148	516	472	574	1,171	7,605
Kahala	--	--	--	**	**	--	--	--	--	--	--	--	--	--	**
Akule	--	--	--	--	--	--	--	--	--	--	--	--	**	--	**
Halalu	--	--	--	--	--	--	**	--	--	--	--	--	--	--	**
Opelu	--	--	8,355	4,651	--	--	11,363	--	--	**	**	**	--	--	24,445
Ulua (misc.)	--	--	--	--	--	--	--	--	--	--	--	--	**	--	**
Shark (misc.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	90
Unclass./Misc.**	--	--	--	--	--	--	**	--	--	--	--	--	--	--	340
<b>TOTAL</b>	<b>30,606</b>	<b>3,994</b>	<b>22,227</b>	<b>18,911</b>	<b>12,681</b>	<b>21,321</b>	<b>19,242</b>	<b>103,884</b>	<b>23,556</b>	<b>84,157</b>	<b>161,728</b>	<b>16,128</b>	<b>223,217</b>	<b>62,926</b>	<b>804,578</b>

\*\*Due to low level of fishermen reporting and to preserve confidentiality, data for these FADs by species are pooled under Misc./Unclass.

**Maui, Kahoolawe, Lanai, and Molokai FADs**

<i>SPECIES</i>	<i>I</i>	<i>K</i>	<i>M</i>	<i>N</i>	<i>NL</i>	<i>O</i>	<i>Q</i>	<i>CC</i>	<i>DD</i>	<i>FF</i>	<i>HO</i>	<i>HS</i>	<i>JJ</i>	<i>LA</i>	<i>MC</i>	<i>NL</i>	<i>TOTAL</i>
Aku	1,369	2,695	1,295	**	540	515	8,531	--	248	5,243	3,926	973	205	43	1,231	540	<b>26,826</b>
Bigeye	191	605	**	--	287	**	3,290	--	**	--	601	1,965	476	--	935	287	<b>8,561</b>
Kawakawa	--	**	--	--	**	**	**	--	--	--	--	--	--	--	--	--	<b>56</b>
Tombo	--	**	--	--	--	--	**	--	--	--	--	--	--	--	--	--	<b>**</b>
Yellowfin	2,149	1,441	4,843	--	930	333	13,579	**	**	10,525	7,782	4,399	947	--	3,149	930	<b>50,321</b>
Tuna (misc.)	--	--	--	--	--	--	1,585	--	**	--	**	--	--	--	**	--	<b>2,768</b>
Blue marlin	**	3,038	**	--	**	1,030	1,427	479	--	1,126	**	--	**	440	2,510	**	<b>11,230</b>
Shortbill spearfish	**	272	--	**	**	--	**	107	--	**	**	142	--	82	485	**	<b>1,358</b>
Striped marlin	--	220	--	**	**	--	219	**	**	**	**	560	--	--	658	**	<b>2,197</b>
Billfish (unclass.)	--	--	--	--	--	**	--	--	--	--	**	--	--	--	--	--	<b>**</b>
Kaku	--	--	--	--	**	--	--	--	--	**	**	--	--	--	--	**	<b>**</b>
Mahimahi	1,315	2,977	3,825	271	2,253	667	14,312	915	3,361	6,361	12,014	2,010	2,964	1,409	4,501	2,253	<b>59,155</b>
Ono	153	1,815	**	**	698	485	2,085	114	909	911	1,631	401	314	864	909	698	<b>11,359</b>
Kamanu	--	**	--	--	**	**	**	--	--	**	**	**	--	--	59	**	<b>275</b>
White papio	--	--	--	--	--	**	--	--	--	--	--	--	--	--	--	--	<b>**</b>
Unclass./Misc.**	260	36	381	251	562	1,579	226	308	225	205	1,809	--	--	--	--	--	<b>2,125</b>
<b>TOTAL</b>	<b>5,437</b>	<b>13,099</b>	<b>10,344</b>	<b>522</b>	<b>5,270</b>	<b>4,609</b>	<b>45,254</b>	<b>1,923</b>	<b>4,743</b>	<b>24,371</b>	<b>27,763</b>	<b>10,450</b>	<b>4,906</b>	<b>2,838</b>	<b>14,437</b>	<b>5,270</b>	<b>176,231</b>

**Kauai FADs**

<i>SPECIES</i>	<i>Z</i>	<i>AA</i>	<i>BB</i>	<i>CK</i>	<i>DK</i>	<i>EK</i>	<i>KK</i>	<i>PP</i>	<i>WK</i>	<i>TOTAL</i>
Aku	1,399	738	2,069	3,804	449	398	316	475	88	<b>9,736</b>
Bigeye	**	1,594	**	2,394	**	--	14,545	**	--	<b>22,348</b>
Kawakawa	**	--	--	**	**	--	**	--	--	<b>58</b>
Yellowfin	3,222	7,938	5,454	13,693	3,488	3,384	11,218	4,491	905	<b>53,793</b>
Tuna (misc.)	**	475	313	1,870	**	--	**	--	**	<b>3,511</b>
Black marlin	--	--	--	--	--	--	**	--	--	<b>**</b>
Blue marlin	570	1,678	2,254	**	**	--	2,365	**	**	<b>8,918</b>
Shortbill spearfish	--	**	--	107	**	--	--	--	--	<b>275</b>
Striped marlin	**	**	--	--	--	--	581	**	**	<b>1,278</b>
Billfish (misc.)	--	--	--	--	--	--	**	--	**	<b>**</b>
Kaku	**	--	--	**	--	--	--	--	--	<b>**</b>
Mahimahi	642	1,240	1,176	1,379	1,645	798	1,909	632	699	<b>10,120</b>
Ono	194	485	415	833	200	**	734	267	136	<b>3,318</b>
Uku	**	--	--	--	**	--	--	--	**	<b>**</b>
Kamanu	--	--	**	**	--	--	--	**	**	<b>92</b>
White papio	--	**	--	--	--	--	--	--	--	<b>**</b>
Ulua (misc.)	--	--	**	--	--	--	--	--	--	<b>**</b>
Squid	--	--	--	--	--	--	--	**	--	<b>**</b>
Unclass./Misc.**	411	--	--	686	1,329	--	773	3,335	883	<b>949</b>
<b>TOTAL</b>	<b>6,438</b>	<b>14,148</b>	<b>11,681</b>	<b>24,766</b>	<b>7,111</b>	<b>4,580</b>	<b>32,441</b>	<b>9,200</b>	<b>2,711</b>	<b>114,396</b>

\*\*Due to low level of fishermen reporting and to preserve confidentiality, data for these FADs by species are pooled under Misc./Unclass.



**Other FADs**

<b>SPECIES</b>	<b>MO</b>	<b>W1</b>	<b>W2</b>	<b>W3</b>	<b>W8</b>	<b>TOTAL</b>
Aku	3,401	--	--	--	--	<b>3,401</b>
Bigeye	2,976	**	**	**	**	<b>53,545</b>
Yellowfin	12,472	--	**	**	**	<b>35,701</b>
Tuna (misc)	**	--	--	--	--	<b>**</b>
Blue marlin	1,913	--	--	--	--	<b>1,913</b>
Kamanu	26	--	--	--	--	<b>26</b>
Mahimahi	2,011	**	**	1,773	**	<b>4,829</b>
Ono	327	--	**	--	**	<b>747</b>
Unclass./Misc.**	**	**	--	**	--	<b>1,569</b>
<b>TOTAL</b>	<b>23,126</b>	<b>**</b>	<b>**</b>	<b>50,022</b>	<b>1,340</b>	<b>101,731</b>

\*\*Due to low level of fishermen reporting and to preserve confidentiality, data for these FADs by species are pooled under Misc./Unclass.

**Appendix F - FAD Catches by Island, FAD and Fishing Trip Count**

Island	FAD	Location	# Mon. on Station	Fishing Method														
				Trolling			Tuna Handline			Aku boat			Other					
				Lbs.	# Trips	Lbs./ Trip	Lbs.	# Trips	Lbs./ Trip	Lbs.	# Trips	Lbs./ Trip	Lbs.	# Trips	Lbs./ Trip			
Hawaii	A	South Pt.	12.0	387	5	77.4												
	B	Miloli'i	10.9	10,646	128	83.2	8,110	33	245.8								***	
	C	Loa Pt.	12.0	7,840	214	36.6	41,233	122	338.0									***
	D	Kumukahi	9.6	6,716	43	156.2	2,489	12	207.4									***
	E	Lelewi	9.1	1,191	27	44.1				***								***
	F	Kailua-Kona	10.6	7,553	122	61.9	1,985	11	180.5									***
	G	Pepe'ekeo	12.0	28,650	206	139.1	38,899	182	213.7				10,894	47	231.8			
	HK	Hakalau	10.8	9,678	68	142.3	8,171	45	181.6									***
	KH	Kahena	12.0	2,895	21	137.9	3,336	14	238.3									***
	OT	Waikoloa Pt.	11.0	28,198	66	427.2				***								
	QQ	Makuu	12.0	9,708	88	110.3	9,357	50	187.1				2,968	11	269.8			
	RN	Palima Pt.	12.0							***								
	SS	Apua Pt.	12.0							***								
	TT	Kanewa'a	12.0	996	33	30.2												
	UU	Auau	12.0	5,094	158	32.2	4,537	60	75.6				124	5	24.8			
	VV	Kahalu'u	12.0	11,450	282	40.6	11,891	74	160.7				127	5	25.4			
	XX	Puako	12.0	3,368	51	66.0												
ZZ	Waima Pt.	12.0	481	10	48.1													
Oahu	J	Waiale'e	12.0	14,434	128	112.8				***			1,394	3	464.667			
	P	Penguin Bank	12.0	3,904	43	90.8											***	
	R	Makaha	11.4	13,546	209	64.8	245	7	35.0				520	17	30.6			
	S	Pokai Bay	12.0	12,762	325	39.3	1,127	13	86.7				412	21	19.6			
	T	Makapu'u	12.0	2,856	68	42.0				***							***	
	U	Kane'ohe	12.0	3,972	107	37.1											***	
	V	Makua	11.1	7,857	133	59.1							1,434	19	75.5			
	X	Kahuku	12.0	28,234	230	122.8				***							***	
	BO	Barbers Pt.	12.0	12,528	260	48.2				***							***	
	CO	Ka'ena Pt.	12.0	13,302	151	88.1	906	7	129				1,020	7	145.7			
	HH	Pearl Harbor	12.0	20,117	275	73.2	1,429	12	119.1				407	6	67.8			
	II	Hale'iwa	12.0	10,454	96	108.9											***	
	LL	Hau'ula	12.0	37,356	265	141.0	6,255	25	250.2								***	
	MM	Mokapu Pt.	11.4	15,957	191	83.5	1,279	11	116.3				404	8	50.5			

\*\*\*Due to low level of fishermen reporting and to preserve confidentiality, data for these FADs by fishing methods are not listed.

Island	FAD	Location	# Mon. on Station	Fishing Method											
				Trolling			Tuna Handline			Aku boat			Other		
				Lbs.	# Trips	Lbs./ Trip	Lbs.	# Trips	Lbs./ Trip	Lbs.	# Trips	Lbs./ Trip	Lbs.	# Trips	Lbs./ Trip
Maui County	I	Halona Pt.	10.0	5,437	81	67.1									
	K	Palaoa	12.0	12,849	381	33.7	***			***					
	M	Hana Bay	8.3	10,252	63	162.7	***								
	N	Cape Halawa	9.7	522	14	37.3									
	O	Kalaupapa	11.6	4,439	19	233.6	***								
	Q	Pauwela Pt.	11.6	42,133	204	206.5	3,062	6	510				***		
	CC	Ka'ena Pt.	12.0	1,923	47	40.9									
	DD	Opana Pt.	11.0	4,743	73	65.0									
	FF	Pukaulua Pt.	12.0	24,371	108	225.7									
	HO	Ho'olawa Pt.	12.0	27,009	188	143.7	***			***					
	JJ	Kamohio	12.0	4,956	63	78.7									
	LA	Lahaina	12.0	2,838	194	14.6									
	MC	Palaoa	12.0	13,764	192	71.7	***			***					
	NL	Nu'u	8.4	5,261	75	70.1	***								
Kauai	Z	Kipukai	12.0	5,657	111	51.0	671	4	167.8				***		
	AA	Port Allen	12.0	11,756	153	76.8	1,939	13	149.2				***		
	BB	Moloa'a	12.0	9,756	129	75.6	2,688	30	89.6				***		
	CK	Makahu'ena Pt.	12.0	16,471	180	91.5	7,660	40	191.5				***		
	DK	Anahola	12.0	5,098	102	50.0	2,013	19	105.9						
	EK	Hanalei	9.3	1,714	35	49.0	2,842	11	258.4				***		
	KK	Waimea	10.8	27,881	109	255.8	3,926	12	327.2				***		
	PP	Koloa	12.0	7,723	102	75.7	***			***					
	WK	Wailua	10.8	2,672	57	46.9	***			***					