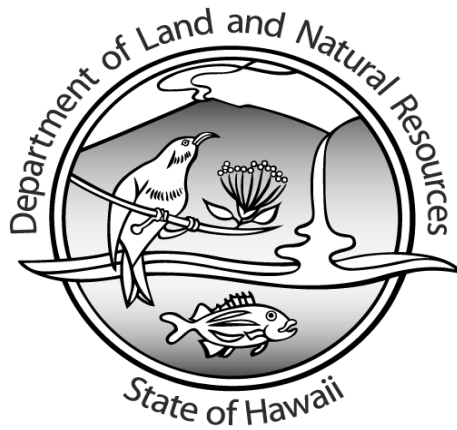


**COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT**  
**CALENDAR YEAR 2006**



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

# TABLE OF CONTENTS

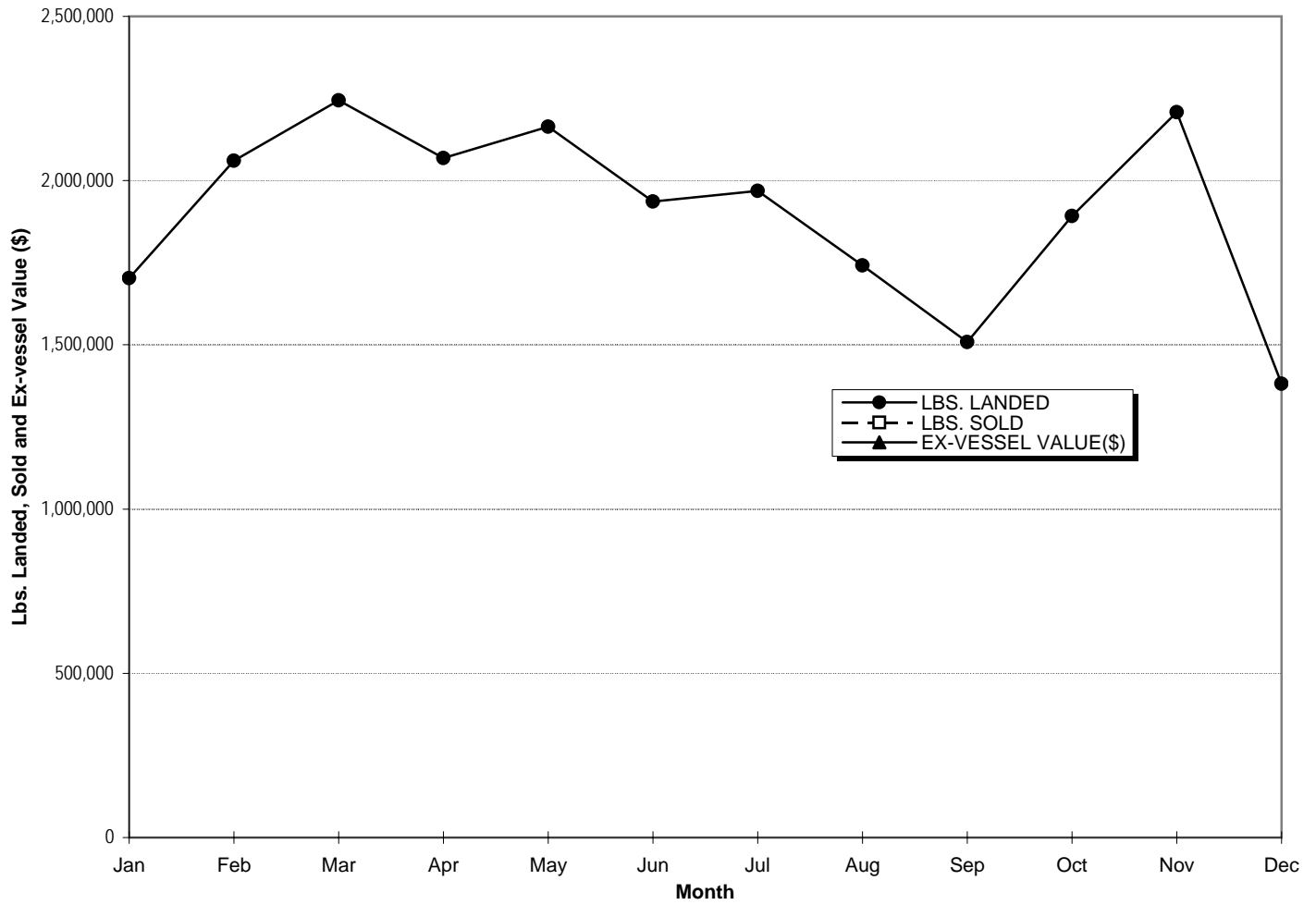
	<b>Page No.</b>
<b>I. INTRODUCTION</b> .....	1
 <b>II. CHARTS</b>	
<i>A. TOTAL SEA LANDINGS</i>	
1. Annual Monthly Trends .....	2
2. Annual 5-year Trends .....	3
 <i>B. SEA LANDINGS BY SPECIES GROUPS</i>	
1. Annual Monthly Trends .....	4
2. Annual 5-year Trends .....	5
 <i>C. SEA LANDINGS BY FISHING 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 .....	15

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

## INTRODUCTION

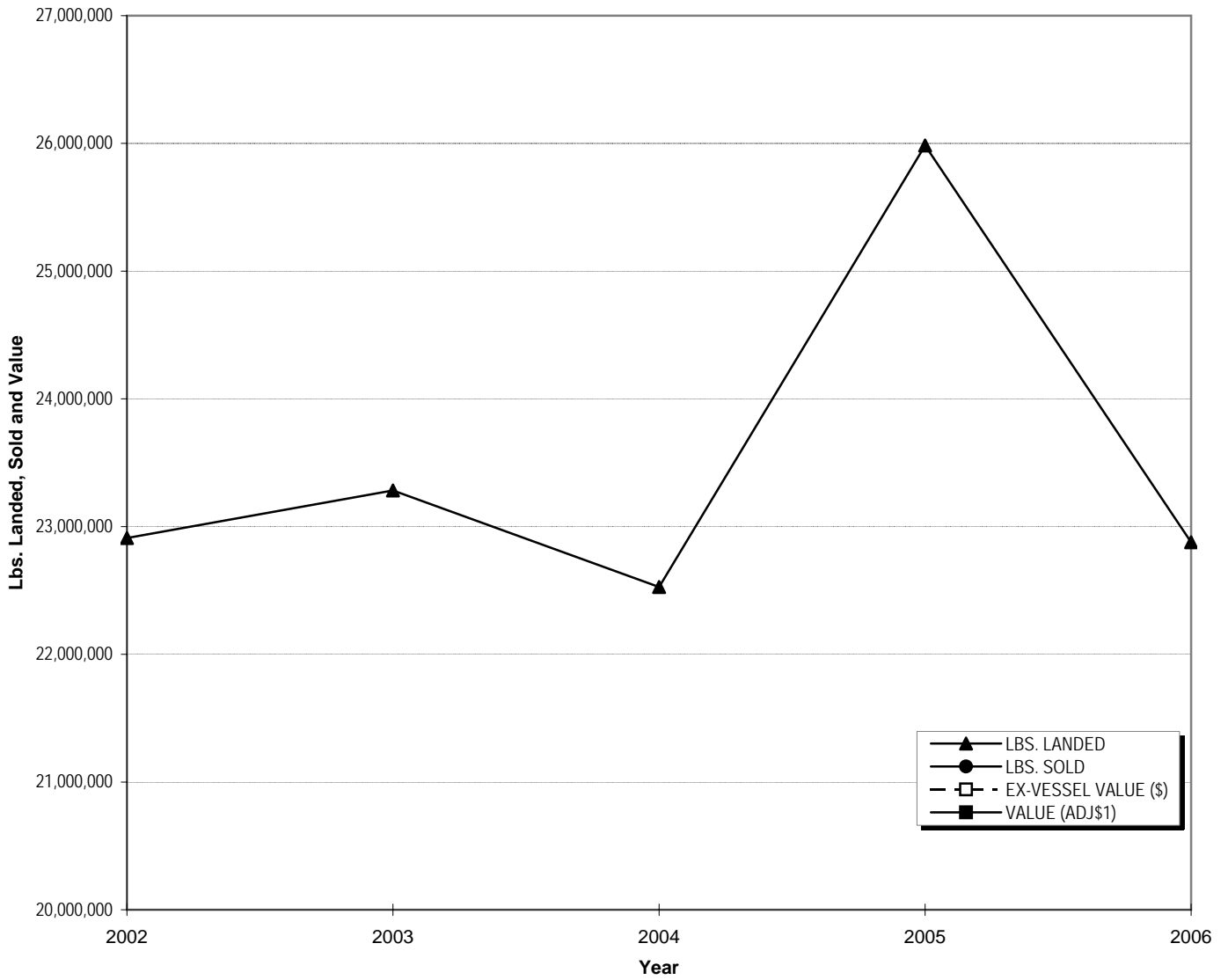
The information presented in this Commercial Marine Landing Summary Trend Report is compiled from fishing reports submitted by licensed fishermen. Commercial fishers are required to obtain commercial marine licenses and submit fishing reports to DLNR-DAR. In previous editions of these summary trend reports, 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, 2006**



<b>MONTH</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>EX-VESSEL VALUE(\$)</b>
<i>Jan</i>	1,702,766		
<i>Feb</i>	2,060,204		
<i>Mar</i>	2,244,570		
<i>Apr</i>	2,068,922		
<i>May</i>	2,164,076		
<i>Jun</i>	1,935,951		
<i>Jul</i>	1,968,513		
<i>Aug</i>	1,741,802		
<i>Sep</i>	1,508,897		
<i>Oct</i>	1,892,535		
<i>Nov</i>	2,208,173		
<i>Dec</i>	1,381,412		
<b>TOTAL</b>	<b>22,877,821</b>		

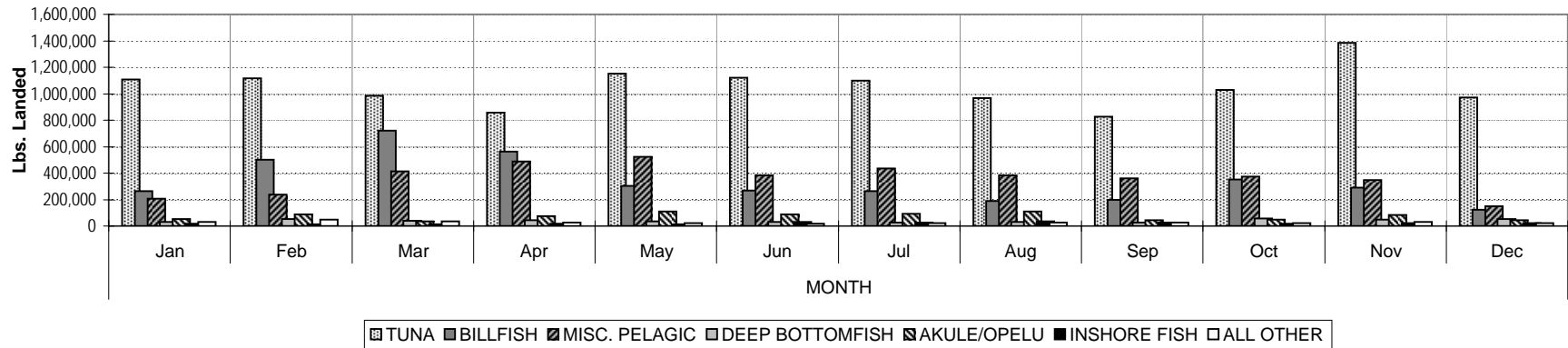
**CHART A.2  
TOTAL SEA LANDINGS ANNUAL 5 - YEAR TRENDS. 2002 - 2006**



YEAR	LBS. LANDED	LBS. SOLD	EX-VESSEL VALUE (\$)	HCPI <sup>1</sup>	VALUE (ADJ\$ <sup>1</sup> )
2002	22,910,296				
2003	23,282,485				
2004	22,527,349				
2005	25,983,397				
2006	22,877,821				

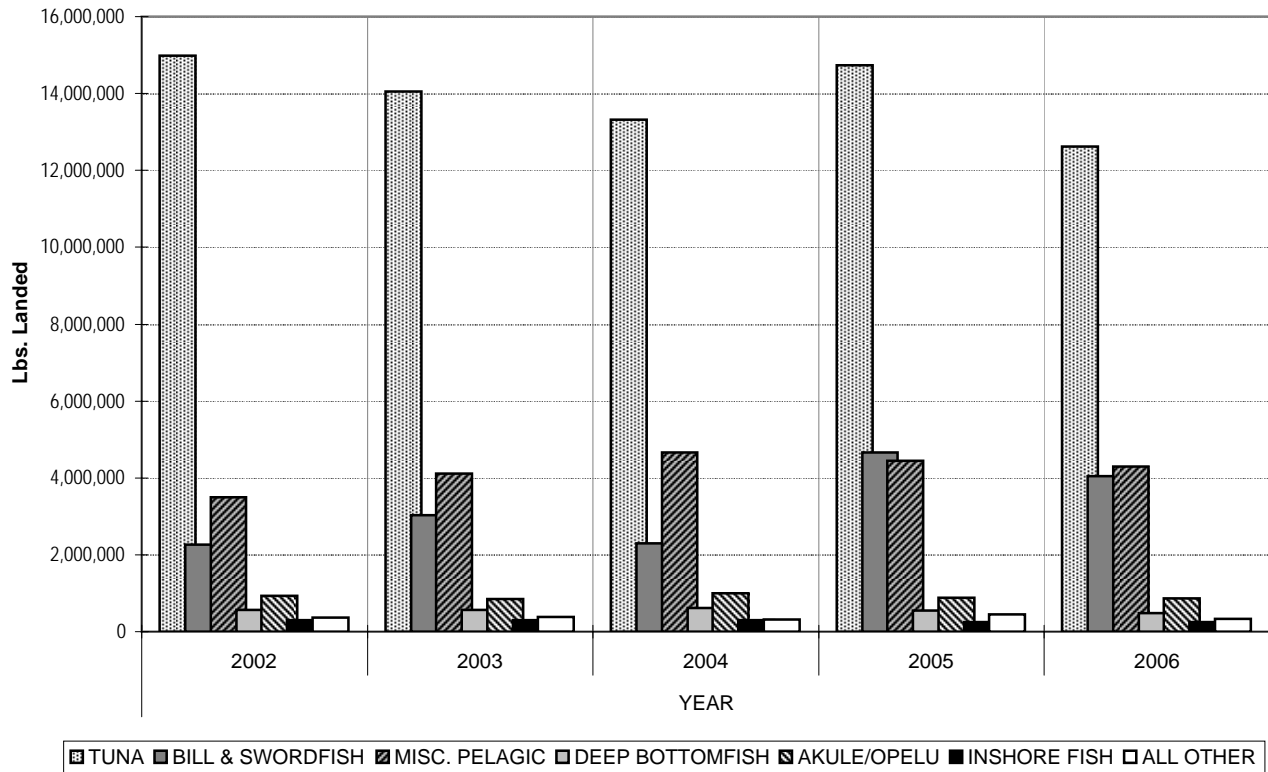
<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**CHART B.1  
SEA LANDINGS BY SPECIES GROUP ANNUAL MONTHLY TRENDS, 2006**



Calendar Year 2006		MONTH												YEAR
SPECIES GROUP		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
TUNA	Lbs. Landed	1,109,133	1,117,501	985,136	857,611	1,150,268	1,120,945	1,099,070	968,273	828,027	1,026,401	1,386,169	969,500	12,618,034
	Lbs. Sold													
	Ex-vessel Value (\$)													
BILLFISH	Lbs. Landed	261,858	502,728	721,200	564,566	304,803	268,874	265,370	187,124	196,579	349,654	290,930	124,436	4,038,122
	Lbs. Sold													
	Ex-vessel Value(\$)													
MISC. PELAGIC	Lbs. Landed	205,406	237,159	414,830	487,024	524,707	380,286	436,331	381,755	359,697	371,968	346,502	151,360	4,297,025
	Lbs. Sold													
	Ex-vessel Value(\$)													
DEEP BOTTOMFISH	Lbs. Landed	29,096	52,734	40,650	43,291	37,125	28,583	27,151	31,420	26,497	57,039	48,810	52,526	474,922
	Lbs. Sold													
	Ex-vessel Value (\$)													
AKULE/OPELU	Lbs. Landed	50,553	89,037	33,916	74,430	108,689	89,503	93,758	111,080	44,537	46,747	82,938	42,260	867,448
	Lbs. Sold													
	Ex-vessel Value (\$)													
INSHORE FISH	Lbs. Landed	16,176	14,336	11,535	16,580	14,327	28,992	26,962	33,781	27,067	16,982	22,119	19,919	248,776
	Lbs. Sold													
	Ex-vessel Value (\$)													
ALL OTHER	Lbs. Landed	30,544	46,709	37,303	25,420	24,157	18,768	19,871	28,369	26,493	23,744	30,705	21,411	333,494
	Lbs. Sold													
	Ex-vessel Value (\$)													
<b>TOTAL</b>	<b>Lbs. Landed</b>	<b>1,702,766</b>	<b>2,060,204</b>	<b>2,244,570</b>	<b>2,068,922</b>	<b>2,164,076</b>	<b>1,935,951</b>	<b>1,968,513</b>	<b>1,741,802</b>	<b>1,508,897</b>	<b>1,892,535</b>	<b>2,208,173</b>	<b>1,381,412</b>	<b>22,877,821</b>
	<b>Lbs. Sold</b>													
	<b>Ex-vessel Value (\$)</b>													

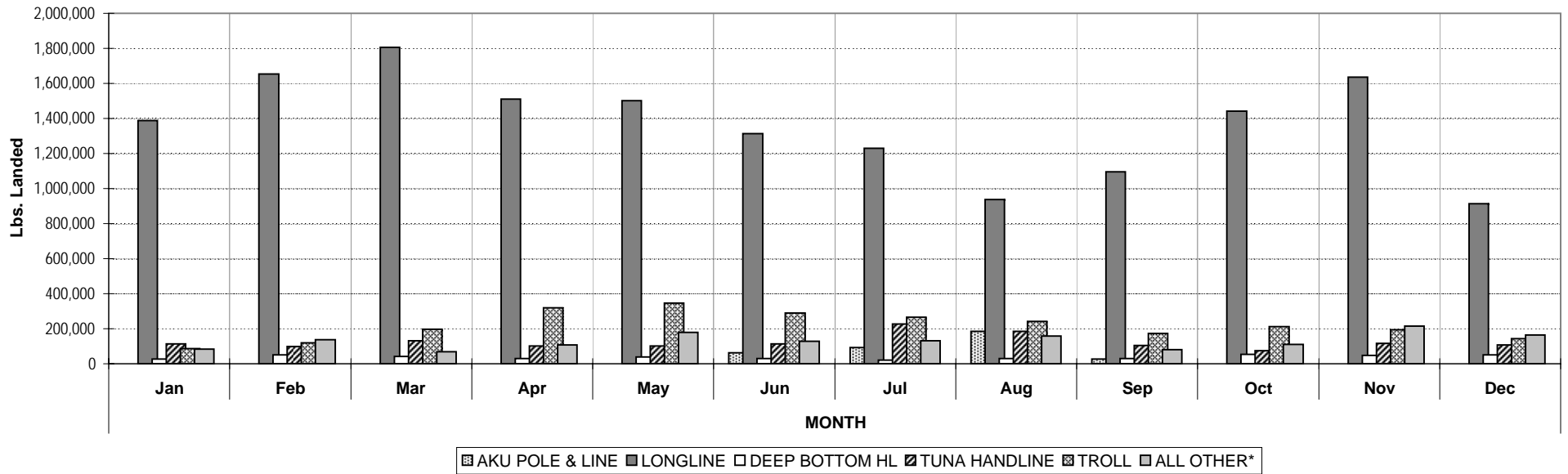
**CHART B.2  
SEA LANDINGS BY SPECIES GROUPS ANNUAL 5 - YEAR TRENDS, 2002 - 2006**



<i>Calendar Year</i>		<i>YEAR</i>				
<i>SPECIES GROUP</i>		<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>
TUNA	<i>Lbs. Landed</i>	14,985,686	14,059,213	13,321,360	14,733,043	12,618,034
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
BILL & SWORDFISH	<i>Lbs. Landed</i>	2,263,181	3,029,907	2,302,826	4,667,537	4,038,122
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
MISC. PELAGIC	<i>Lbs. Landed</i>	3,501,835	4,111,999	4,667,712	4,449,321	4,297,025
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
DEEP BOTTOMFISH	<i>Lbs. Landed</i>	557,908	558,601	613,881	541,688	474,922
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
AKULE/OPELU	<i>Lbs. Landed</i>	939,434	847,465	1,003,583	887,441	867,448
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
INSHORE FISH	<i>Lbs. Landed</i>	301,789	295,184	296,746	257,226	248,776
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
ALL OTHER	<i>Lbs. Landed</i>	360,463	380,116	321,241	447,141	333,494
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>22,910,296</b>	<b>23,282,485</b>	<b>22,527,349</b>	<b>25,983,397</b>	<b>22,877,821</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, 2006**

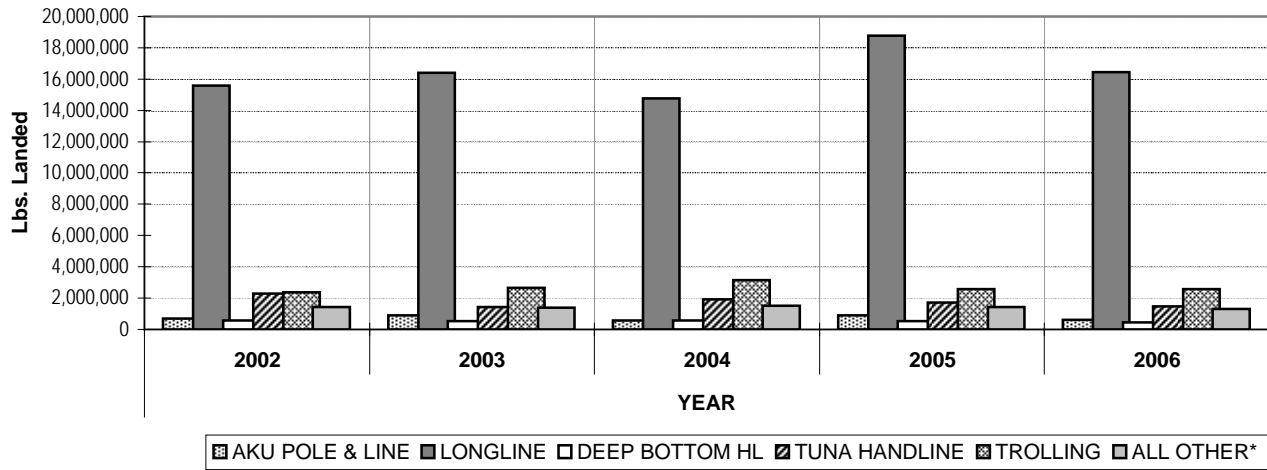


<b>Calendar Year 2006</b>		<b>MONTH</b>												<b>YEAR TOTAL</b>
<b>METHOD</b>		<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	
AKU POLE & LINE	<i>Lbs. Landed</i>				*	*	62,147	93,752	185,943	26,205	*	*	*	<b>368,047</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
LOONGLINE	<i>Lbs. Landed</i>	1,389,347	1,653,308	1,806,935	1,509,672	1,501,179	1,313,052	1,229,434	937,621	1,095,222	1,440,891	1,635,094	914,480	<b>16,426,235</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
DEEP BOTTOM HL	<i>Lbs. Landed</i>	27,997	51,741	40,489	29,201	38,115	28,735	21,839	30,139	28,664	52,866	47,755	52,040	<b>449,581</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
TUNA HANDLINE	<i>Lbs. Landed</i>	113,412	98,203	132,162	102,111	100,130	114,481	227,204	186,346	105,018	75,828	115,374	107,782	<b>1,478,051</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
TROLL	<i>Lbs. Landed</i>	87,365	118,773	195,765	320,552	346,802	288,464	265,410	243,021	173,022	211,368	194,061	142,625	<b>2,587,228</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
ALL OTHER*	<i>Lbs. Landed</i>	84,645	138,179	69,219	107,386	177,850	129,072	130,874	158,732	80,766	111,582	215,889	164,485	<b>1,568,679</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>1,702,766</b>	<b>2,060,204</b>	<b>2,244,570</b>	<b>2,068,922</b>	<b>2,164,076</b>	<b>1,935,951</b>	<b>1,968,513</b>	<b>1,741,802</b>	<b>1,508,897</b>	<b>1,892,535</b>	<b>2,208,173</b>	<b>1,381,412</b>	<b>22,877,821</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													

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



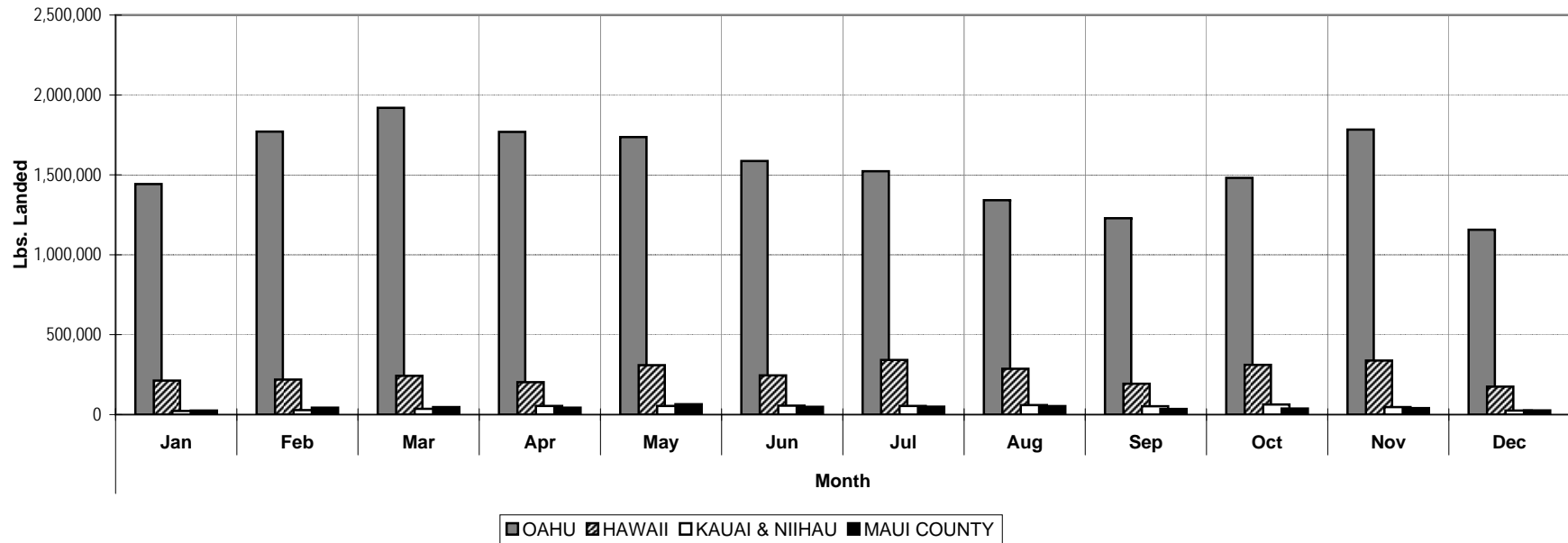
**CHART C.2  
SEA LANDINGS FISHING METHOD ANNUAL 5 - YEAR TRENDS, 2002 - 2006**



<i>Calendar Year</i>		<i>YEAR</i>				
<b>FISHING METHOD</b>		<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
AKU POLE & LINE	<i>Lbs. Landed</i>	675,754	905,939	578,171	904,729	630,590
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
LONGLINE	<i>Lbs. Landed</i>	15,580,447	16,396,779	14,759,339	18,793,030	16,426,235
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
DEEP BOTTOM HL	<i>Lbs. Landed</i>	558,591	546,428	587,938	541,737	449,581
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
TUNA HANDLINE	<i>Lbs. Landed</i>	2,292,895	1,419,894	1,914,837	1,733,621	1,478,051
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
TROLLING	<i>Lbs. Landed</i>	2,377,860	2,639,628	3,165,770	2,571,577	2,587,228
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
ALL OTHER*	<i>Lbs. Landed</i>	1,424,749	1,373,817	1,521,294	1,438,703	1,306,136
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>22,910,296</b>	<b>23,282,485</b>	<b>22,527,349</b>	<b>25,983,397</b>	<b>22,877,821</b>
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					

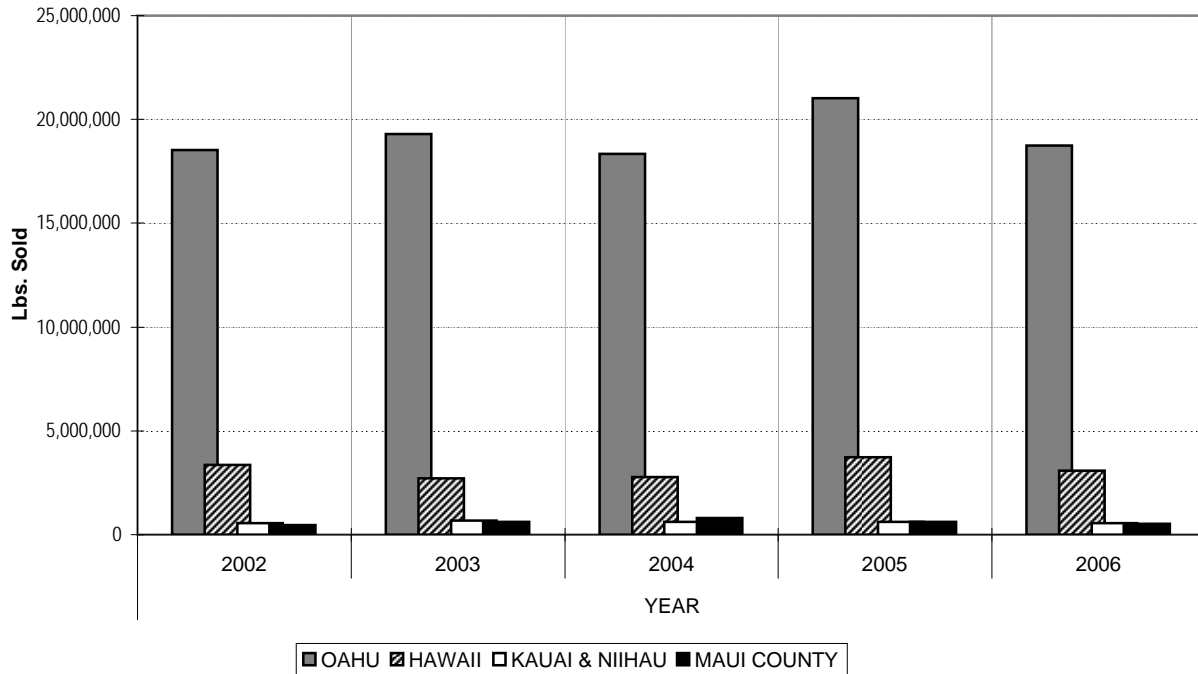
<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**CHART D.1  
SEA LANDINGS BY PORT ANNUAL MONTHLY TRENDS, 2006**



<b>Calendar Year 2006</b>		<b>Month</b>												<b>TOTAL</b>
<b>PORT</b>		<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	
OAHU	<i>Lbs. Landed</i>	1,442,162	1,770,257	1,919,837	1,768,841	1,736,378	1,586,820	1,522,759	1,341,821	1,228,693	1,481,251	1,783,082	1,156,249	<b>18,738,150</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
HAWAII	<i>Lbs. Landed</i>	212,905	218,650	242,203	202,455	308,810	244,865	341,803	286,945	192,910	310,626	338,124	174,570	<b>3,074,866</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
KAUAI & NIIHAU	<i>Lbs. Landed</i>	22,246	27,935	35,833	53,963	53,698	55,885	54,125	59,724	51,870	62,755	46,846	24,861	<b>549,741</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
MAUI COUNTY	<i>Lbs. Landed</i>	25,453	43,362	46,697	43,663	65,190	48,381	49,826	53,312	35,424	37,903	40,121	25,732	<b>515,064</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>1,702,766</b>	<b>2,060,204</b>	<b>2,244,570</b>	<b>2,068,922</b>	<b>2,164,076</b>	<b>1,935,951</b>	<b>1,968,513</b>	<b>1,741,802</b>	<b>1,508,897</b>	<b>1,892,535</b>	<b>2,208,173</b>	<b>1,381,412</b>	<b>22,877,821</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													

**CHART D.2  
SEA LANDINGS BY PORT ANNUAL 5-YEAR TRENDS, 2002 - 2006**



PORT	Calendar Year	YEAR				
		2002	2003	2004	2005	2006
OAHU	Lbs. Landed	18,526,798	19,290,046	18,347,999	21,023,300	18,738,150
	Lbs. Sold					
	Value (Adj\$) <sup>1</sup>					
HAWAII	Lbs. Landed	3,350,076	2,717,442	2,766,297	3,738,409	3,074,866
	Lbs. Sold					
	Value (Adj\$) <sup>1</sup>					
KAUAI & NIIHAU	Lbs. Landed	569,264	663,960	617,976	608,961	549,741
	Lbs. Sold					
	Value (Adj\$) <sup>1</sup>					
MAUI COUNTY	Lbs. Landed	464,158	611,037	795,077	612,727	515,064
	Lbs. Sold					
	Value (Adj\$) <sup>1</sup>					
TOTAL	Lbs. Landed	22,910,296	23,282,485	22,527,349	25,983,397	22,877,821
	Lbs. Sold					
	Value (Adj\$) <sup>1</sup>					

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

**APPENDICES**  
**Statistical Tables**  
**Calendar 2006**

**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	924,685			Akule	539,087		
Bigeye	8,144,902			Hahalalu	9,858		
Kawakawa	10,777			Opelu	318,475		
Keokeo	154			Opelu Mama	28		
Tombo	674,321			<b>SUBTOTAL</b>	<b>867,448</b>		
Yellowfin	2,849,292						
Unclassified	13,903			<b>JACKS</b>			
<b>SUBTOTAL</b>	<b>12,618,034</b>			Barred-jack <sup>2</sup>	---		
<b>BILLFISHES &amp; SWORDFISH</b>				Butaguchi	9,452		
Black marlin	11,246			Dobe	1,216		
Blue marlin	860,146			Gunkan	981		
Sailfish	15,967			Kamanu	1,921		
Shortbill spearfish	315,805			Kihikihi	207		
Striped marlin	1,107,563			Lae	451		
Swordfish	1,726,259			Menpachi (sasa)	894		
Unclassified	1,136			No-bite <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>4,038,122</b>			Omaka <sup>2</sup>	---		
<b>MISC. PELAGIC FISHES</b>				Omilu	3,932		
Kaku	30,907			Paopao	92		
Mahimahi	1,372,351			Papa	4,295		
Mola mola <sup>2</sup>	---			White	11,036		
Monchong	545,422			Unclass./misc.	420		
Ono	944,042			<b>SUBTOTAL</b>	<b>34,897</b>		
Opah	1,020,060			<b>INSHORE FISHES</b>			
Walu	384,200			<i>Parrotfishes</i>			
<b>SUBTOTAL</b>	<b>4,296,982</b>			Panuhunuhu	176		
<b>DEEP BOTTOMFISHES</b>				Panunu <sup>2</sup>	---		
Alfonsin	12			Uhu	30,211		
Ehu	23,261			<i>Goatfishes</i>			
Golden kale	122			Kumu	1,461		
Hapuupuu	30,726			Malu	18		
Hauliuli <sup>2</sup>	---			Moano	2,212		
Hogo	1,516			Moana kali	1,057		
Kahala	4,583			Munu	152		
Kalekale	7,509			Weke nono	3,812		
Lehi	7,290			Weke pueo	146		
Opakapaka	100,805			Weke, red	28,035		
Randall snapper <sup>2</sup>	---			Weke, white	3,263		
Taape	29,367			Weke (unclass.)	192		
Ukikiki (gindai)	3,531			<i>Surgeonfishes</i>			
Uku	159,679			Api <sup>2</sup>	---		
Ulaula (onaga)	106,459			Black kole	37		
Yellow-tail kale <sup>2</sup>	---			Kala	21,669		
<b>SUBTOTAL</b>	<b>474,860</b>			Kalalei	135		
				Kole	1,970		
				Maiko	2,839		

<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>			
Manini	9,106		
Naenae	5,582		
Opelu kala	1,109		
Pakuikui	216		
Palani	23,163		
Pualu	6,158		
<i>Damselfishes</i>			
Kupipi	39		
Maomao	2,046		
<i>Squirrelfishes</i>			
Alaihi	291		
Pauu <sup>2</sup>	---		
Uu	23,642		
Uukanipo	108		
<i>Wrasses</i>			
Aawa	975		
Ea <sup>2</sup>	---		
Hilu <sup>2</sup>	---		
Hinalea	32		
Kupoupou	4		
Laenihi	3,928		
Poou	26		
<i>Miscellaneous Inshore Fishes</i>			
Ahaaha	460		
Aholehole	1,266		
Amaama	8,239		
Awa	2,251		
Awaawa	1,106		
Aweoweo	2,987		
Humuhumu	8		
Iheihe <sup>2</sup>	---		
Kawelea	1,619		
Moi	887		
Mu	1,312		
Nenu	35,616		
Nohu	1,197		
Nunu	17		
Oililepa	741		
Oio	5,175		
Oopuhue <sup>2</sup>	---		
Pakii <sup>2</sup>	---		
Poopaa	227		
Puhi (brown) <sup>2</sup>	---		
Puhi (white)	101		
Puhi (misc.) <sup>2</sup>	---		
Roi	717		
Tilapia <sup>2</sup>	---		
Toau	2,381		
Uouoa	130		
Wahanui	52		
<b>SUBTOTAL</b>	<b>240,299</b>		

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
<b>SHARKS</b>			
Mako	127,984		
Oceanic whitetip	155		
Thresher	46,923		
Unclass/misc	2,143		
<b>SUBTOTAL</b>	<b>177,205</b>		
<b>LOBSTERS</b>			
Ula, Green spiny	7,598		
Ula, Red spiny	74		
Spiny (unclass./misc.) <sup>2</sup>	---		
Haanii (slipper)	9		
Squammosus <sup>2</sup>	---		
Slipper (unclass./misc.) <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>7,681</b>		
<b>CRABS</b>			
Aama <sup>2</sup>	---		
Kona	6,924		
Kuahonu <sup>2</sup>	---		
Samoan	889		
Crab (unclass./misc.) <sup>2</sup>	21,095		
<b>SUBTOTAL</b>	<b>28,908</b>		
<b>SHRIMP</b>			
Ensifer <sup>2</sup>	---		
Laevigatus <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>---</b>		
<b>OTHER ANIMALS</b>			
Hee (day tako)	19,340		
Hee pu loa (night tako) <sup>2</sup>	---		
Hee (unclass./misc.) <sup>2</sup>	306		
Lole (sea cucumber) <sup>2</sup>	---		
Muhee (squid)	788		
Opihi makaiauli	803		
Opihi 'alina	9,186		
Opihi (unclass.) <sup>2</sup>	257		
<b>SUBTOTAL</b>	<b>30,680</b>		
<b>SHELLS</b>			
	n/a		
<b>SUBTOTAL</b>	<b>n/a</b>		
<b>SEAWEEDS</b>			
Limu kohu	1,542		
Limu ogo	1,312		
Limu wawaeiole	2,248		
Unclass./misc. <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>5,102</b>		
<b>CORALS</b>			
Black <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>---</b>		
Unclass./misc. <sup>2</sup>	57,603		
<b>TOTAL</b>	<b>22,877,821</b>		

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

<b>FISHING METHOD</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
Aku pole & line <sup>3</sup>	630,590		
Longline	16,426,235		
Deepbottom handline	449,581		
Inshore handline	285,902		
Tuna handline	1,478,051		
Other handline <sup>3</sup>	1,076		
Trolling	2,587,228		
Diving	84,856		
Net	790,080		
Trap	83,712		
Rod & reel (casting, dunking, etc.)	34,516		
Handpick (limu & opihi)	15,760		
Unclass./Misc. <sup>3</sup>	10,234		
<b>TOTAL</b>	<b>22,877,821</b>		

**Appendix C - Sea Landings by Island**

<b>ISLAND</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
Oahu	18,738,150		
Hawaii	3,074,866		
Maui	473,620		
Kauai & Niihau	549,741		
Molokai	23,901		
Lanai	17,543		
<b>STATE TOTAL</b>	<b>22,877,821</b>		

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

<b>AREA (area catch code)</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
<b>Main Hawaiian Islands (refer to Fisheries Chart No. 1)</b>			
Kaula (508,528)	33,049		
Kaulakahi Channel (521,525)	23,863		
Niihau (505-506,526,527)	190,488		
Makahuena Pt. - Kekaha (500,520)	274,560		
Barking Sands - Na Pali Coast (501-502,522)	51,717		
Hanalei - Moloa'a Bay (503,523)	80,276		
Anahola - Nawiliwili (504,524)	163,925		
Sand Is. - Ala Wai (400,420)	79,213		
Pearl Harbor - Barbers Pt. (401,421)	189,964		
Barbers Pt. - Kaena Pt. (402-403,422-423)	592,935		
Kaena Pt. - Kahuku (404-405,424-425)	496,991		
Laie Pt. - Kahana Bay (406-426)	110,417		
Kaneohe Bay (407,427)	388,670		
Kailua Bay - Makapuu Pt. (408,428)	58,421		
Makapuu Pt. - Diamond Head (409)	16,668		

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

<b>AREA (area catch code)</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
Kawai (Molokai) Channel (332,429)	51,308		
Penguin Bank (331)	87,308		
Kealaikahiki Channel (327)	34,736		
Alenuihaha Channel (324-325)	21,478		
Auau, Kalohi & Pailolo Channels (321)	17,299		
Alalakeiki Channel (320)	52,199		
Molokai (310-314,333)	33,420		
Lanai (308-309,328)	89,390		
Kahoolawe (306-307,326)	31,037		
Makena - Hana (304-305)	21,044		
Hana - Kahului (302-303,322-323)	144,266		
Honolua - Lahaina (301)	4,032		
Lahaina - Makena (300)	74,503		
Miloli'i - South Pt. (100,108,120,128)	103,103		
Punaluu - Kalapana (107,127)	135,768		
Kona Coast (101,121)	960,186		
Keahole - Kawaihae (102,122)	164,682		
Kohala - Hamakua Coast (103-104,123-124)	32,620		
Hilo (105,125)	240,855		
Puna - Kalapana (106,126)	273,808		
Other (all other area codes from Fisheries Chart No. 1 not listed above)	184,976		
<b>SUBTOTAL</b>	<b>5,509,175</b>		
<b>Northwestern Hawaiian Islands offshore - 200 mile EEZ (refer to Fisheries Chart No. 2)</b>			
Nihoa (16223C,16123A,16222I)	11,276		
Twin Bank (16323C,16223A)	3,693		
Necker (16423D,16423E,16423F,16423B,16423C) <sup>3</sup>	---		
French Frigate (16623H,16623I,16623F)	10,273		
Brooks Bank (16624A,16623G)	23,881		
St. Rogatien (16724F,16724C)	25,331		
Gardner Pinnacles (16825C,16725A,16824I,16824F,16724G,16724D)	14,708		
Maro Reef (17025D, 17025E, 17025A, 17025B)	2,168		
Laysan (17125G, 17125H) <sup>3</sup>	---		
North Hampton (17225E, 17225F, 17225C) <sup>3</sup>	---		
Pioneer Bank (17326B, 17326C, 17325H, 17325I)	19,958		
Lisianski (17426C, 17326A, 17425I, 17325G) <sup>3</sup>	---		
Other (all other areas codes from Fisheries Chart No. 2 not listed above) <sup>3</sup>	119,505		
<b>SUBTOTAL</b>	<b>230,793</b>		
Other areas (not in Fisheries Charts 1 & 2) (other mid-ocean and missing area fished codes)	17,137,853		
<b>TOTAL</b>	<b>22,877,821</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**

<b>SPECIES</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>HK</b>	<b>KH</b>	<b>OTEC</b>	<b>QQ</b>	<b>RN</b>	<b>SS</b>	<b>TT</b>	<b>UU</b>	<b>VV</b>	<b>XX</b>	<b>ZZ</b>
Aku	--	1,101	3,708	10,928	4,032	1,955	3,369	4,040	349	1,269	511	**	--	901	2,662	647	**	--
Bigeye	--	1,916	1,266	226	184	992	**	--	**	14,425	**	**	--	1,959	737	222	**	--
Kawakawa	--	--	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--	--
Keokeo	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**	--	--
Tombo	**	--	1,018	278	421	--	--	--	**	--	--	--	**	--	**	**	--	--
Yellowfin	**	6,902	7,167	24,575	20,593	5,672	4,264	7,817	12,257	24,523	3,041	**	**	2,576	5,668	1,122	240	--
Tuna (misc.)	**	**	309	--	--	441	--	--	**	**	--	--	--	**	**	--	**	--
Black marlin	--	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Blue marlin	--	494	2,499	6,788	1,905	1,588	**	1,860	--	1,010	849	--	--	644	1,172	1,104	**	--
Shortbill spearfish	--	--	93	--	--	217	--	--	--	**	--	--	--	--	--	75	--	--
Striped marlin	--	**	**	--	--	134	--	--	--	**	--	--	--	--	--	--	**	--
Swordfish	--	--	--	--	--	--	--	--	**	--	--	--	--	--	--	**	--	--
Billfish (unclass.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**	--	--	--
Mahimahi	**	2,435	1,300	4,455	1,444	1,898	1,346	1,379	824	6,303	436	582	**	1,096	937	1,570	2,538	309
Monchong	--	--	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--	--
Ono	--	220	1,188	1,511	482	437	533	134	754	527	282	**	**	**	329	1,108	635	**
Kamanu	--	--	**	70	**	--	**	--	--	--	**	--	--	--	--	--	--	--
Hahalalu	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**	--	--
Opelu	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Squid	--	--	**	--	--	--	--	--	**	--	--	--	--	**	**	**	--	--
Unclass./Misc.**	--	--	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--	--
<b>TOTAL</b>	<b>1,112</b>	<b>13,176</b>	<b>19,116</b>	<b>48,831</b>	<b>29,061</b>	<b>13,334</b>	<b>10,583</b>	<b>15,230</b>	<b>14,184</b>	<b>48,232</b>	<b>5,218</b>	<b>582</b>	<b>**</b>	<b>7,504</b>	<b>11,505</b>	<b>6,531</b>	<b>4,311</b>	<b>309</b>

**Oahu FADs**

<b>SPECIES</b>	<b>J</b>	<b>P</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>X</b>	<b>BO</b>	<b>CO</b>	<b>HH</b>	<b>II</b>	<b>LL</b>	<b>MM</b>
Aku	24,983	6,615	1,155	285	49	16,172	1,726	23,855	1,704	6,298	1,246	9,141	1,129	50,288
Bigeye	2,985	--	**	**	--	**	--	--	--	--	**	613	**	480
Kawakawa	**	--	**	**	--	--	45	--	--	**	--	**	--	--
Yellowfin	27,026	427	2,237	857	**	1,776	1,147	14,018	3,165	2,282	2,461	15,814	1,285	3,946
Tuna (misc.)	--	--	**	--	--	**	--	**	--	--	--	**	**	--
Black marlin	--	--	--	--	--	--	--	--	--	--	--	**	--	**
Blue marlin	1,256	**	7,271	5,537	--	632	1,288	2,126	5,750	2,157	1,304	457	447	705
Sailfish	--	--	--	--	--	--	--	--	**	--	--	--	--	**
Shortbill spearfish	--	--	--	**	--	**	**	**	321	--	**	--	**	**
Striped marlin	393	**	4,266	1,753	**	**	640	**	1,021	499	1,188	**	**	**
Billfish (unclass.)**	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Kaku	**	--	--	**	--	--	--	--	**	--	**	--	--	--
Kamanu	**	--	--	**	--	--	--	--	--	--	--	**	--	--
Mahimahi	9,079	3,118	4,882	1,321	1,515	1,937	2,059	14,992	10,475	2,368	5,341	3,320	3,890	9,072
Ono	990	**	542	331	168	326	135	1,272	777	118	772	470	214	829
Aha	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Akule	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Opelu	--	--	3,424	5,637	--	--	17,257	--	--	--	--	--	--	--
Loulu	--	--	--	**	--	--	**	--	--	--	--	--	--	--
Uku	--	--	**	**	--	--	**	--	--	--	--	--	--	--
Kagami	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Omilu	--	--	**	**	--	--	--	--	--	--	--	--	--	--
White ulua	--	--	**	--	--	--	--	**	--	--	--	--	--	--
Ulua (misc.)	--	--	--	--	--	--	**	--	--	--	--	--	--	--
Unclass./Misc.**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>TOTAL</b>	<b>66,712</b>	<b>11,139</b>	<b>24,094</b>	<b>15,918</b>	<b>1,732</b>	<b>21,353</b>	<b>24,339</b>	<b>57,150</b>	<b>23,213</b>	<b>13,722</b>	<b>12,499</b>	<b>30,391</b>	<b>6,965</b>	<b>66,230</b>

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

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

<i>SPECIES</i>	<i>I</i>	<i>K</i>	<i>M</i>	<i>N</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>
Aku	**	818	111	**	126	786	151	356	3,395	5,056	299	4,702	95	223	329
Bigeye	200	92	--	--	**	--	**	**	785	677	412	2,546	**	--	**
Kawakawa	--	--	--	**	--	**	--	--	**	--	**	--	**	--	**
Keokeo	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--
Yellowfin	790	658	196	--	124	745	**	--	10,221	3,151	2,324	9,956	**	1,029	373
Tuna (misc.)	--	--	--	--	--	--	--	--	--	**	--	--	--	--	--
Black marlin	**	--	--	--	--	--	--	--	--	--	**	**	--	--	--
Blue marlin	--	744	--	**	--	1,273	--	--	**	546	**	**	**	**	**
Sailfish	--	--	--	--	--	--	--	--	--	--	--	--	--	**	--
Shortbill spearfish	--	**	--	--	--	--	--	--	--	**	**	**	**	**	--
Striped marlin	**	583	--	--	--	**	--	--	--	**	**	194	--	**	**
Swordfish	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--
Kaku	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--
Mahimahi	1,597	4,191	784	633	857	8,006	680	4,967	8,502	10,364	4,243	2,546	1,192	1,971	3,771
Ono	521	652	**	152	112	1,144	**	796	1,057	1,705	402	612	110	503	410
Uku	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--
Kamanu	--	--	--	--	--	--	--	--	**	--	--	--	**	**	--
White papio	--	--	--	--	--	**	--	--	--	--	--	--	**	--	--
Oceanic whitetip	--	--	--	--	--	--	--	--	--	--	--	--	--	**	--
Unclass./Misc.**	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>TOTAL</b>	<b>3,585</b>	<b>7,937</b>	<b>1,091</b>	<b>785</b>	<b>1,219</b>	<b>12,254</b>	<b>1,161</b>	<b>6,119</b>	<b>23,960</b>	<b>21,863</b>	<b>7,904</b>	<b>21,006</b>	<b>1,708</b>	<b>6,077</b>	<b>5,523</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>
Aku	172	--	**	158	600	**	397	36	3,355
Bigeye	--	--	--	**	--	--	**	**	**
Kawakawa	--	--	--	--	--	--	**	--	--
Yellowfin	789	2,046	169	1,035	3,449	232	14,688	8,425	30,498
Black marlin	--	--	--	**	--	--	--	**	--
Blue marlin	731	**	--	220	**	--	1,156	1,092	1,139
Shortbill spearfish	--	--	--	**	--	--	**	--	--
Striped marlin	**	--	--	**	**	--	**	**	**
Kaku	**	--	--	--	--	--	--	--	--
Mahimahi	1,623	1,212	**	914	1,074	96	3,438	913	1,708
Ono	316	308	117	229	199	**	1,128	360	683
Opelu	**	**	--	--	--	--	--	**	--
Uku	--	--	--	--	--	--	**	--	--
Omilu	--	--	--	--	--	--	**	--	--
Squid	--	**	--	--	--	--	**	--	--
Unclass./Misc.**	--	--	--	--	--	--	--	--	--
<b>TOTAL</b>	<b>3,631</b>	<b>3,566</b>	<b>400</b>	<b>2,808</b>	<b>6,175</b>	<b>422</b>	<b>21,331</b>	<b>10,826</b>	<b>37,383</b>

**Other FADs**

<i>SPECIES</i>	<i>MO</i>	<i>W2</i>	<i>W3</i>	<i>W4</i>	<i>W8</i>
Aku	2,485	--	**	**	**
Bigeye	761	**	**	**	**
Yellowfin	2,334	**	**	**	**
Tuna (misc)	**	--	--	--	--
Blue marlin	--	**	**	**	--
Kamanu	**	--	--	--	--
Mahimahi	1,729	**	**	**	672
Ono	43	--	**	**	--
Unclass./Misc.**	**	--	--	--	--
<b>TOTAL</b>	<b>8,660</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>2,769</b>

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



**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.	11.4	1,112	8	139.0										
	B	Miloli'i	12.0	9,084	133	68.3	4,015	15	267.7							***
	C	Loa Pt.	12.0	12,841	305	42.1	5,953	73	81.5				322	6	53.7	
	D	Kumukahi	12.0	27,658	190	145.6	16,176	79	204.8				5,098	25	203.9	
	E	Leleiwi	12.0	9,505	116	81.9	18,068	67	269.7				1,509	11	137.2	
	F	Kailua-Kona	12.0	11,533	263	43.9	1,538	30	51.3							***
	G	Pepe'ekeo	8.2	6,320	72	87.8	3,989	28	142.5							***
	HK	Hakalau	12.0	6,217	43	144.6	6,173	23	268.4							***
	KH	Kahena	12.0	2,710	26	104.2	15,365	53	289.9							
	OT	Waikoloa Pt.	12.0	18,298	151	121.2	29,934	30	997.8							
	QQ	Makuu	7.5	3,855	61	63.2	1,241	10	124.1							***
	RN	Palima Pt.	12.0	1,686	15	112.4				***						
	SS	Apua Pt.	12.0							***						
	TT	Kanewa'a	12.0	5,090	45	113.1	2,414	17	142.0							
	UU	Auau	12.0	7,282	156	46.7	4,172	55	75.9				770	12	64.2	
	VV	Kahalu'u	12.0	5,206	185	28.1	1,045	9	116.1							***
XX	Puako	12.0	4,311	69	62.5											
ZZ	Waima Pt.	12.0	567	22	25.8											
Oahu	J	Waiale'e	11.7	35,960	274	131.2	4,533	23	197.1			***			***	
	P	Penguin Bank	10.1	4,639	47	98.7						***				
	R	Makaha	12.0	20,607	223	92.4			***				3,487	37	94.2	
	S	Pokai Bay	12.0	10,213	186	54.9			***				186	9	20.7	
	T	Makapu'u	12.0	1,843	41	45.0										
	U	Kane'ohe	12.0	5,464	124	44.1	335	4	83.8			***			***	
	V	Makua	12.0	7,048	117	60.2							17,341	60	289.0	
	X	Kahuku	10.7	37,502	194	193.3	588	3	196.0			***			***	
	BO	Barbers Pt.	11.4	23,109	354	65.3			***						***	
	CO	Ka'ena Pt.	11.2	8,323	97	85.8						***				
	HH	Pearl Harbor	8.4	12,256	188	65.2			***						***	
	II	Hale'iwa	12.0	21,719	187	116.1	1,328	7	189.7			***	5,653	30	188.4	
	LL	Hau'ula	12.0	7,253	102	71.1			***							
MM	Mokapu Pt.	12.0	16,309	208	78.4	600	6	100.0			***			***		

\*\*\*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.	12.0	3,585	76	47.2									
	K	Palaoa	12.0	7,748	272	28.5	***			***					
	M	Hana Bay	5.0	1,103	23	48.0	***			***					
	N	Cape Halawa	7.3	1,096	12	91.3	***								
	O	Kalaupapa	12.0	1,288	22	58.5									
	Q	Pauwela Pt.	12.0	12,254	174	70.4									
	CC	Ka'ena Pt.	6.7	1,161	20	58.1									
	DD	Opana Pt.	12.0	6,128	149	41.1									
	FF	Pukaulua Pt.	9.5	23,063	110	209.7	***			***					
	HO	Ho'olawa Pt.	9.1	21,751	224	97.1	***								
	HS	Nakaohu Pt.	12.0	7,204	103	69.9	***								
	JJ	Kamohio	9.9	19,803	104	190.4	***			***					
	LA	Lahaina	12.0	1,696	151	11.2	***			***					
	MC	Palaoa	9.1	5,894	103	57.2	***								
NL	Nu'u	12.0	5,523	58	95.2										
Kauai	Z	Kipukai	9.0	2,663	93	28.6	***			***					
	AA	Port Allen	12.0	3,816	70	54.5	***			***					
	BB	Moloa'a	9.3	400	11	36.4									
	CK	Makahu'ena Pt.	12.0	2,629	95	27.7	178	3	59.3	***					
	DK	Anahola	12.0	4,775	85	56.2	1,320	3	440.0	***					
	EK	Hanalei	9.2	412	20	20.6	***			***					
	KK	Waimea	12.0	17,666	118	149.7	3,565	20	178.3	***					
	PP	Koloa	12.0	4,869	76	64.1	7,414	18	411.9	***					
WK	Wailua	12.0	22,003	279	78.9	15,455	36	429.3				15	7	2.1	

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