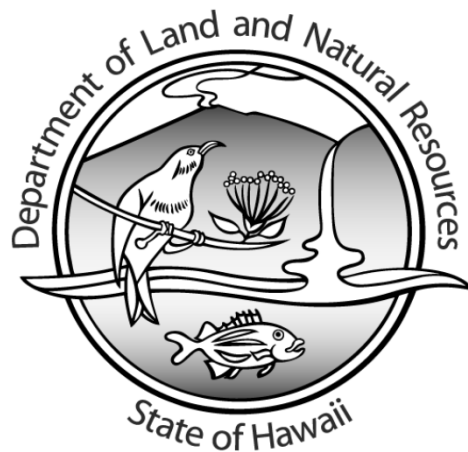


# COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT

CALENDAR YEAR 2014



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

# TABLE OF CONTENTS

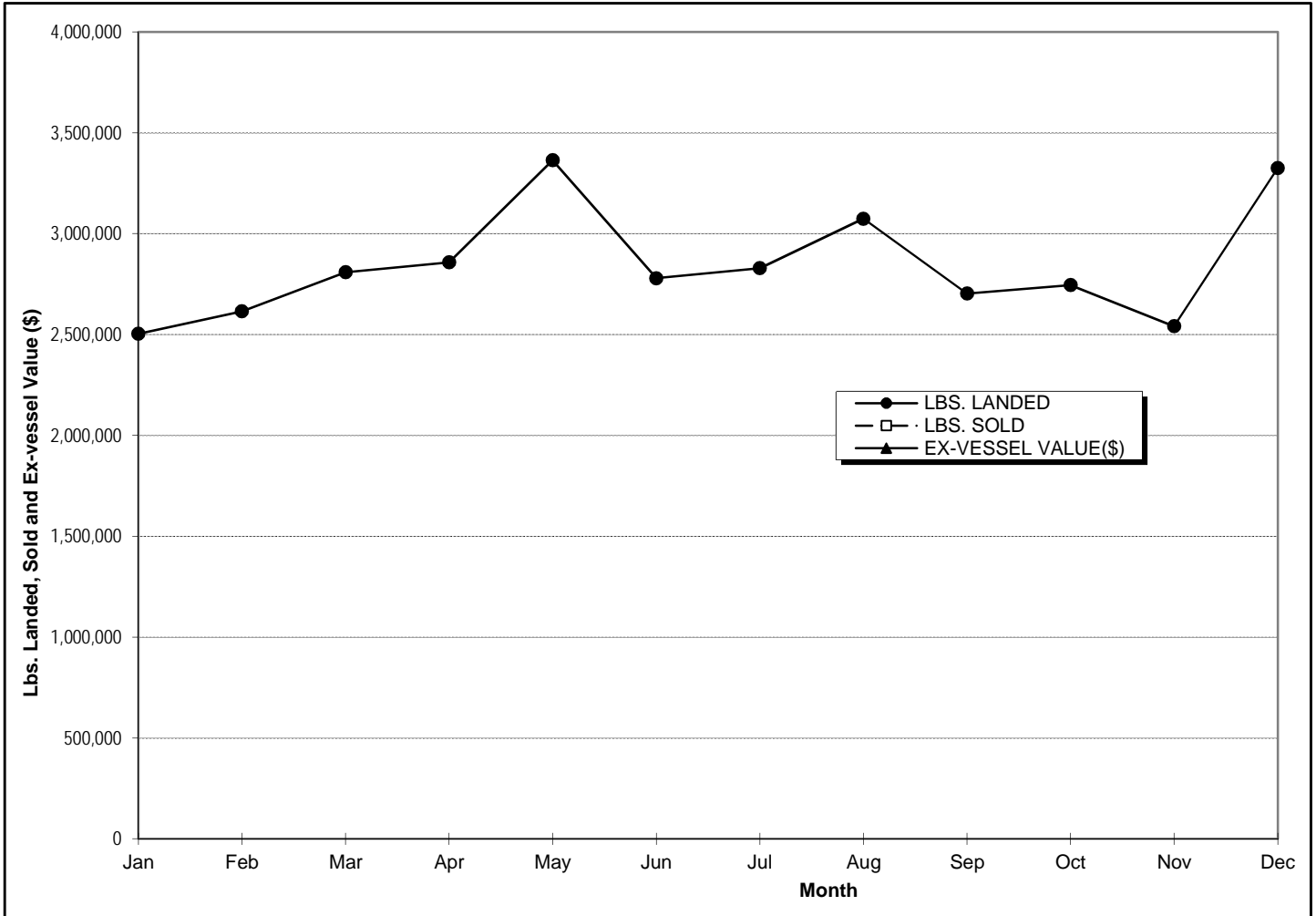
	<b>Page No.</b>
<b>I. INTRODUCTION</b> .....	1
 <b>II. CHARTS</b>	
<i>A. TOTAL SEA LANDINGS</i>	
1. Annual Monthly Trends .....	2
2. Annual 5-year Trends .....	3
 <i>B. SEA LANDINGS BY SPECIES GROUPS</i>	
1. Annual Monthly Trends .....	4
2. Annual 5-year Trends .....	5
 <i>C. SEA LANDINGS BY FISHING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

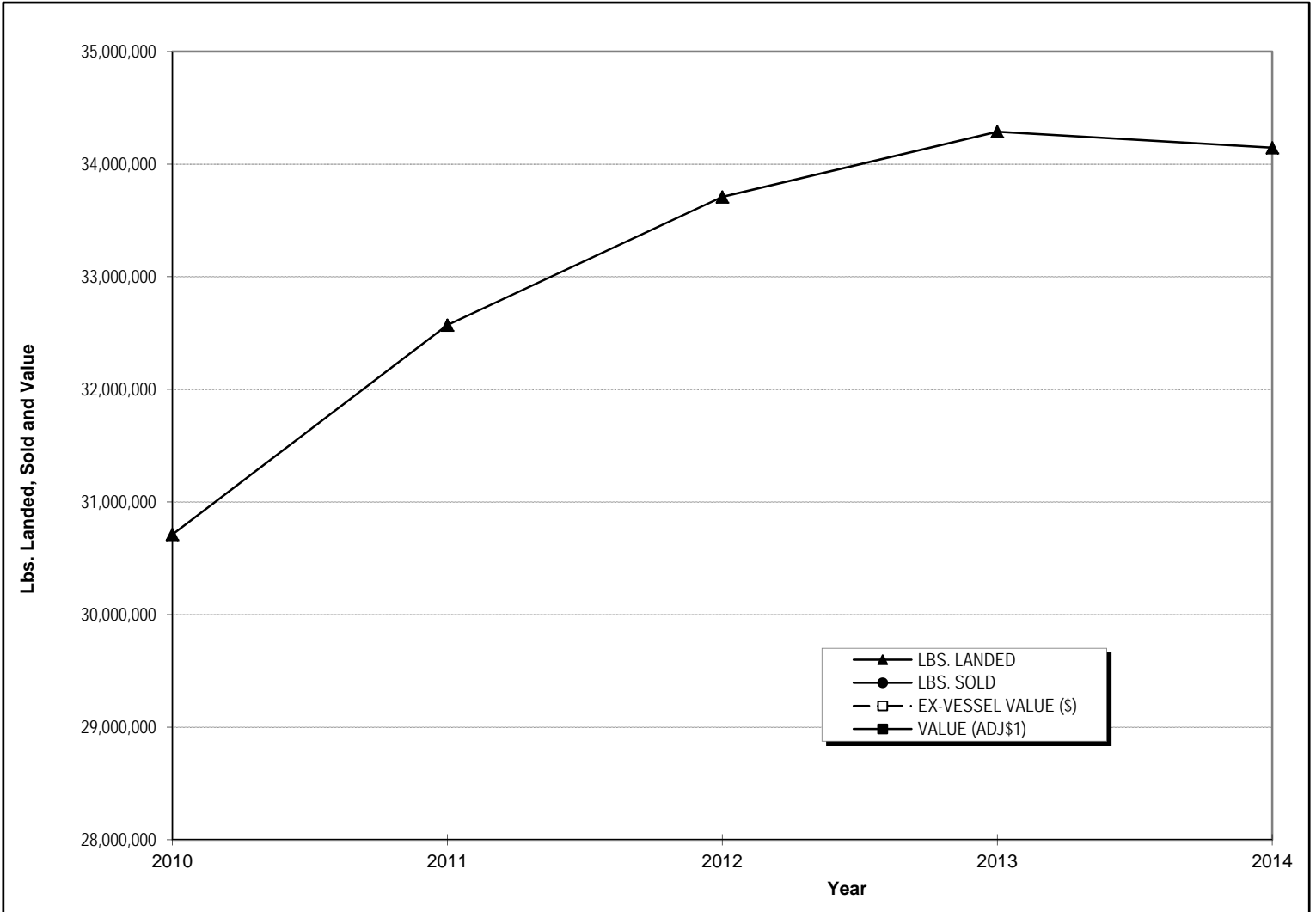
The information presented in this Commercial Marine Landing Summary Trend Report is compiled from fishing reports submitted by licensed fishermen. Commercial fishers are required to obtain commercial marine licenses and submit fishing reports to DLNR-DAR. In previous editions of these summary trend reports, 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, 2014**



<b>MONTH</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>EX-VESSEL VALUE(\$)</b>
<i>Jan</i>	2,503,733		
<i>Feb</i>	2,615,184		
<i>Mar</i>	2,808,639		
<i>Apr</i>	2,857,514		
<i>May</i>	3,363,746		
<i>Jun</i>	2,778,689		
<i>Jul</i>	2,828,847		
<i>Aug</i>	3,074,061		
<i>Sep</i>	2,703,440		
<i>Oct</i>	2,744,813		
<i>Nov</i>	2,541,143		
<i>Dec</i>	3,325,799		
<b>TOTAL</b>	<b>34,145,608</b>		

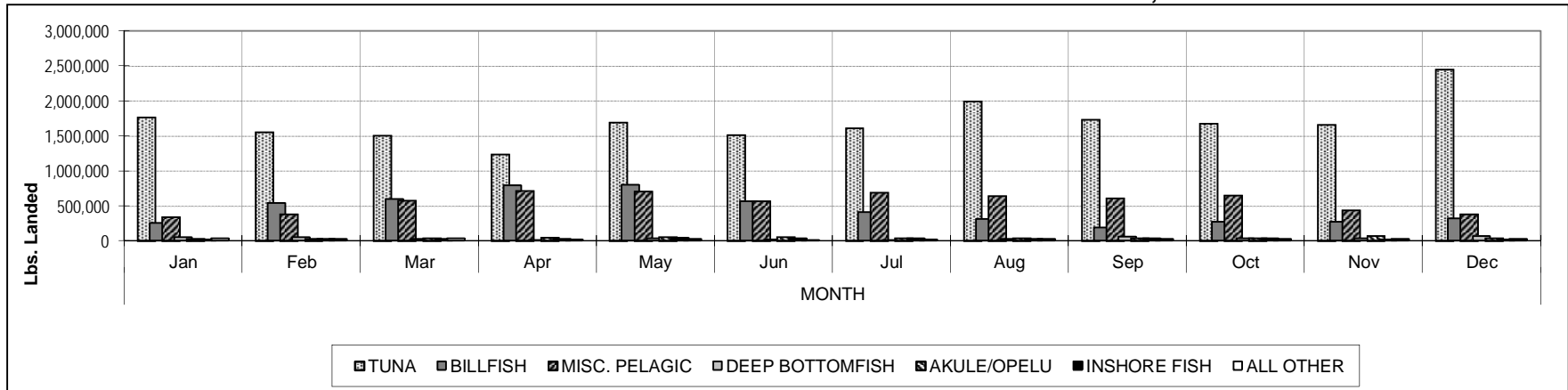
**CHART A.2  
TOTAL SEA LANDINGS ANNUAL 5 - YEAR TRENDS, 2010- 2014**



YEAR	LBS. LANDED	LBS. SOLD	EX-VESSEL VALUE (\$)	HCPI <sup>1</sup>	VALUE (ADJ\$ <sup>1</sup> )
2010	30,711,066				
2011	32,570,233				
2012	33,708,548				
2013	34,288,215				
2014	34,145,608				

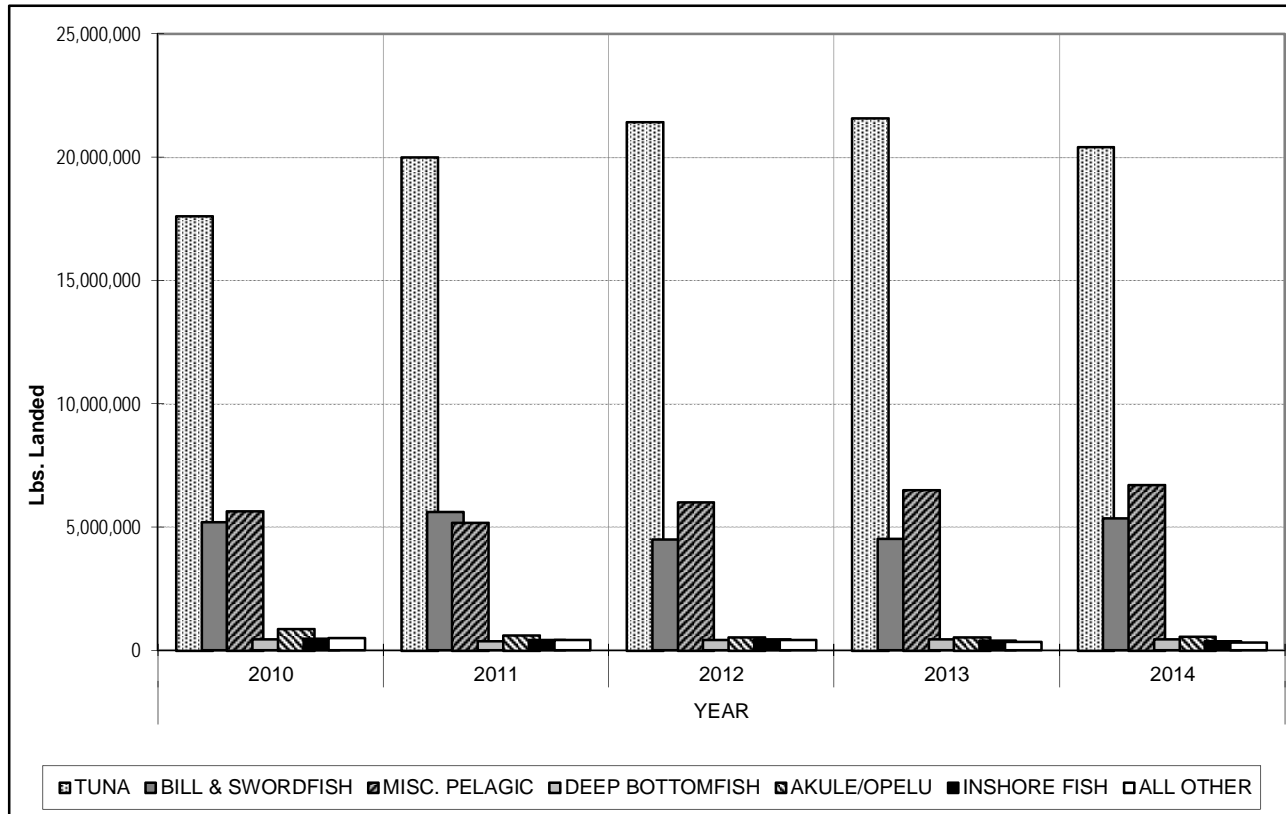
<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**CHART B.1  
SEA LANDINGS BY SPECIES GROUP ANNUAL MONTHLY TRENDS, 2014**



Calendar Year 2014		MONTH												YEAR
SPECIES GROUP		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
TUNA	Lbs. Landed	1,764,382	1,555,748	1,506,733	1,234,977	1,691,533	1,514,038	1,614,798	1,991,630	1,736,226	1,680,329	1,663,785	2,451,711	20,405,890
	Lbs. Sold													
	Ex-vessel Value (\$)													
BILLFISH	Lbs. Landed	258,475	540,352	600,514	796,855	800,037	569,248	413,540	316,150	189,864	274,609	274,258	324,008	5,357,910
	Lbs. Sold													
	Ex-vessel Value(\$)													
MISC. PELAGIC	Lbs. Landed	337,529	378,667	575,281	719,184	708,032	569,759	691,223	644,081	608,668	649,618	443,183	382,549	6,707,774
	Lbs. Sold													
	Ex-vessel Value(\$)													
DEEP BOTTOMFISH	Lbs. Landed	56,400	51,123	29,427	14,614	37,412	19,711	13,772	25,205	59,240	39,397	38,163	70,564	455,028
	Lbs. Sold													
	Ex-vessel Value (\$)													
AKULE/OPELU	Lbs. Landed	31,233	33,134	38,876	45,819	58,283	54,266	41,221	39,744	40,668	37,263	72,020	44,128	536,655
	Lbs. Sold													
	Ex-vessel Value (\$)													
INSHORE FISH	Lbs. Landed	23,109	29,820	24,851	24,553	41,817	35,936	33,541	31,615	40,204	38,234	23,812	23,221	370,713
	Lbs. Sold													
	Ex-vessel Value (\$)													
ALL OTHER	Lbs. Landed	32,605	26,340	32,957	21,512	26,632	15,731	20,752	25,636	28,570	25,363	25,922	29,618	311,638
	Lbs. Sold													
	Ex-vessel Value (\$)													
<b>TOTAL</b>	Lbs. Landed	<b>2,503,733</b>	<b>2,615,184</b>	<b>2,808,639</b>	<b>2,857,514</b>	<b>3,363,746</b>	<b>2,778,689</b>	<b>2,828,847</b>	<b>3,074,061</b>	<b>2,703,440</b>	<b>2,744,813</b>	<b>2,541,143</b>	<b>3,325,799</b>	<b>34,145,608</b>
	Lbs. Sold													
	Ex-vessel Value (\$)													

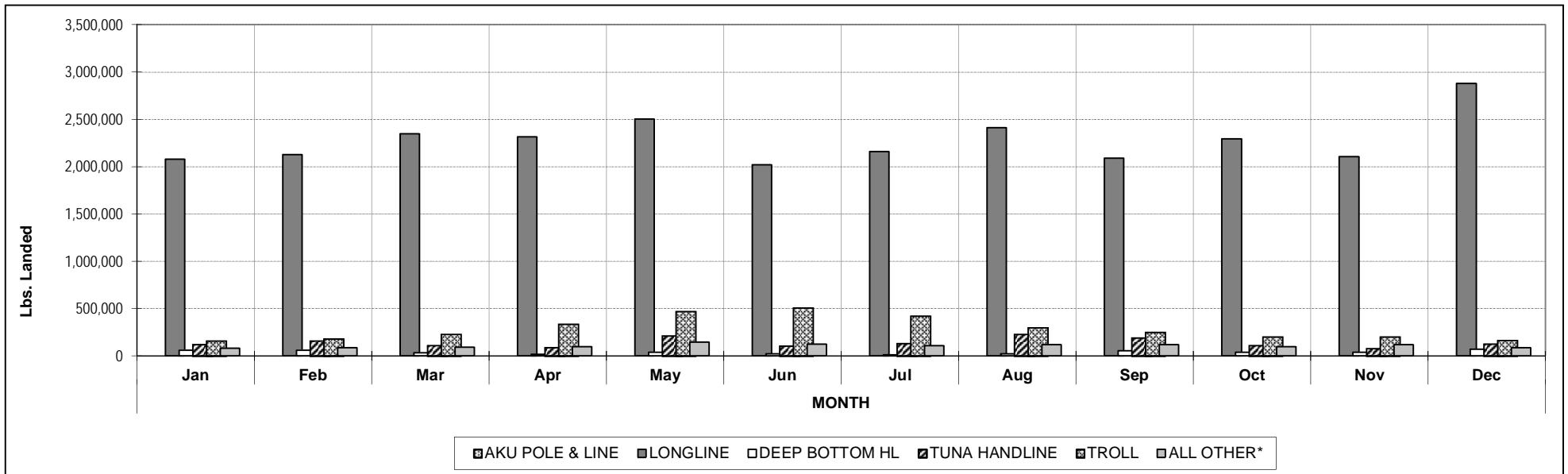
**CHART B.2**  
**SEA LANDINGS BY SPECIES GROUPS ANNUAL 5 - YEAR TRENDS, 2010 - 2014**



<i>Calendar Year</i>		<b>YEAR</b>				
<b>SPECIES GROUP</b>		<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
TUNA	<i>Lbs. Landed</i>	17,607,486	19,990,624	21,407,164	21,578,691	20,405,890
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
BILL & SWORDFISH	<i>Lbs. Landed</i>	5,190,083	5,602,336	4,497,917	4,514,726	5,357,910
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
MISC. PELAGIC	<i>Lbs. Landed</i>	5,643,817	5,168,115	6,002,848	6,501,895	6,707,774
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
DEEP BOTTOMFISH	<i>Lbs. Landed</i>	445,140	358,441	406,750	442,574	455,028
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
AKULE/OPELU	<i>Lbs. Landed</i>	855,284	600,526	527,486	511,068	536,655
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
INSHORE FISH	<i>Lbs. Landed</i>	471,102	424,772	437,384	395,832	370,713
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
ALL OTHER	<i>Lbs. Landed</i>	498,154	425,419	428,999	343,429	311,638
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>30,711,066</b>	<b>32,570,233</b>	<b>33,708,548</b>	<b>34,288,215</b>	<b>34,145,608</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, 2014**

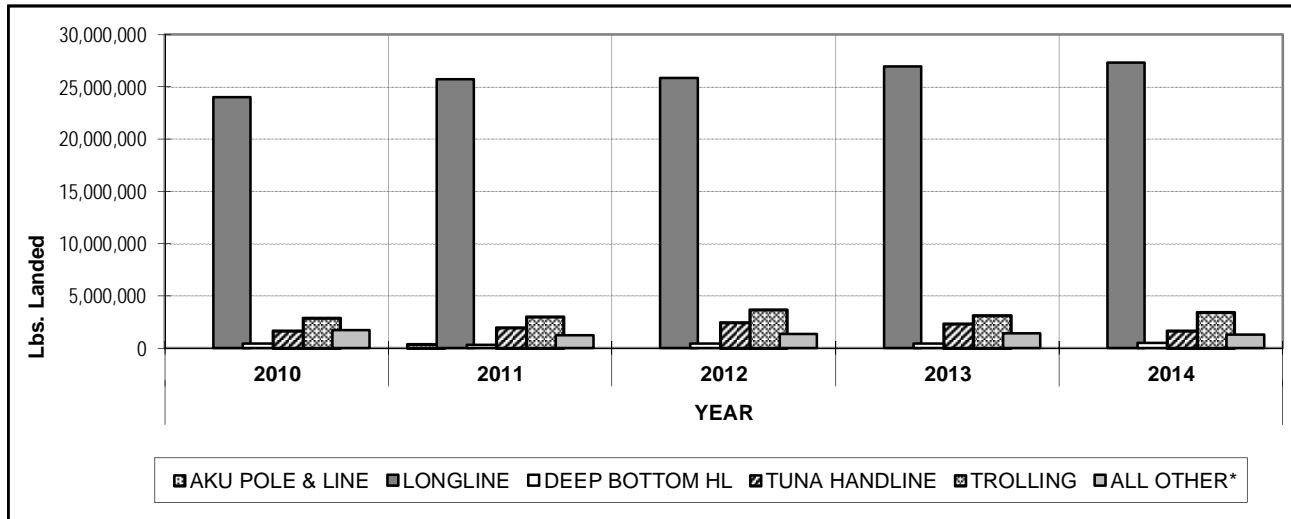


<i>Calendar Year 2014</i>		<i>MONTH</i>												<i>YEAR TOTAL</i>
<i>METHOD</i>		<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	
AKU POLE & LINE	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>				*	*	*	*	*					*
LONGLINE	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	2,081,277	2,127,767	2,345,435	2,317,148	2,502,588	2,019,765	2,156,774	2,410,438	2,088,395	2,293,607	2,102,983	2,881,153	<b>27,327,330</b>
DEEP BOTTOM HL	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	59,771	60,708	34,859	16,494	37,952	20,353	10,362	21,837	52,484	40,069	38,378	69,147	<b>462,414</b>
TUNA HANDLINE	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	122,256	157,504	108,868	88,274	210,051	106,392	134,088	228,733	193,454	111,421	77,028	124,656	<b>1,662,725</b>
TROLL	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	157,422	181,585	226,261	338,494	468,949	505,978	422,150	296,976	251,867	202,426	203,208	162,860	<b>3,418,176</b>
ALL OTHER*	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	83,007	87,620	93,216	97,104	144,206	126,201	105,473	116,077	117,240	97,290	119,546	87,983	<b>1,274,963</b>
<b>TOTAL</b>	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	<b>2,503,733</b>	<b>2,615,184</b>	<b>2,808,639</b>	<b>2,857,514</b>	<b>3,363,746</b>	<b>2,778,689</b>	<b>2,828,847</b>	<b>3,074,061</b>	<b>2,703,440</b>	<b>2,744,813</b>	<b>2,541,143</b>	<b>3,325,799</b>	<b>34,145,608</b>

\*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, 2010 - 2014**

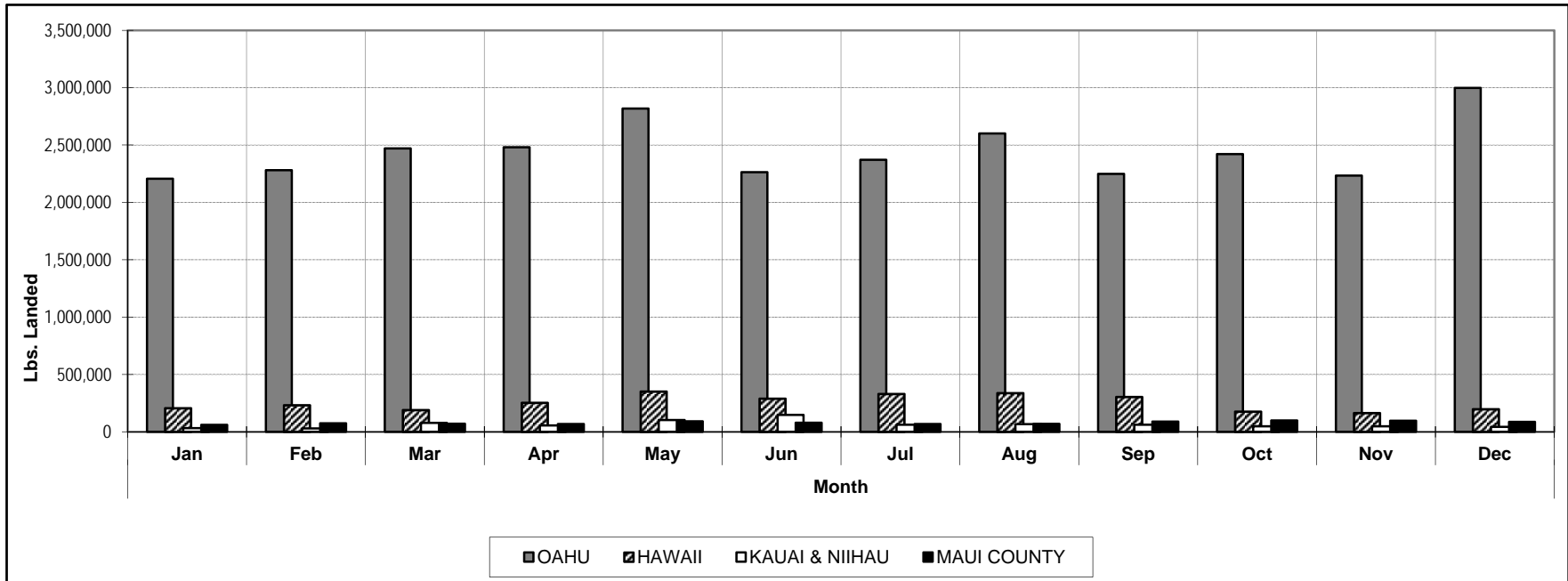


<i>Calendar Year</i>		<i>YEAR</i>				
<b>FISHING METHOD</b>		<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
AKU POLE & LINE	<i>Lbs. Landed</i>	*	347,898	*	*	*
	<i>Lbs. Sold</i>					
	<i>Value (Adj.\$)<sup>1</sup></i>					
LONGLINE	<i>Lbs. Landed</i>	24,019,214	25,710,602	25,858,879	26,946,146	27,327,330
	<i>Lbs. Sold</i>					
	<i>Value (Adj.\$)<sup>1</sup></i>					
DEEP BOTTOM HL	<i>Lbs. Landed</i>	449,115	335,010	418,242	453,239	462,414
	<i>Lbs. Sold</i>					
	<i>Value (Adj.\$)<sup>1</sup></i>					
TUNA HANDLINE	<i>Lbs. Landed</i>	1,681,864	1,937,263	2,429,619	2,341,090	1,662,725
	<i>Lbs. Sold</i>					
	<i>Value (Adj.\$)<sup>1</sup></i>					
TROLLING	<i>Lbs. Landed</i>	2,866,646	2,987,087	3,677,653	3,117,723	3,418,176
	<i>Lbs. Sold</i>					
	<i>Value (Adj.\$)<sup>1</sup></i>					
ALL OTHER*	<i>Lbs. Landed</i>	1,694,227	1,252,373	1,324,155	1,430,017	1,274,963
	<i>Lbs. Sold</i>					
	<i>Value (Adj.\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>30,711,066</b>	<b>32,570,233</b>	<b>33,708,548</b>	<b>34,288,215</b>	<b>34,145,608</b>
	<i>Lbs. Sold</i>					
	<i>Value (Adj.\$)<sup>1</sup></i>					

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

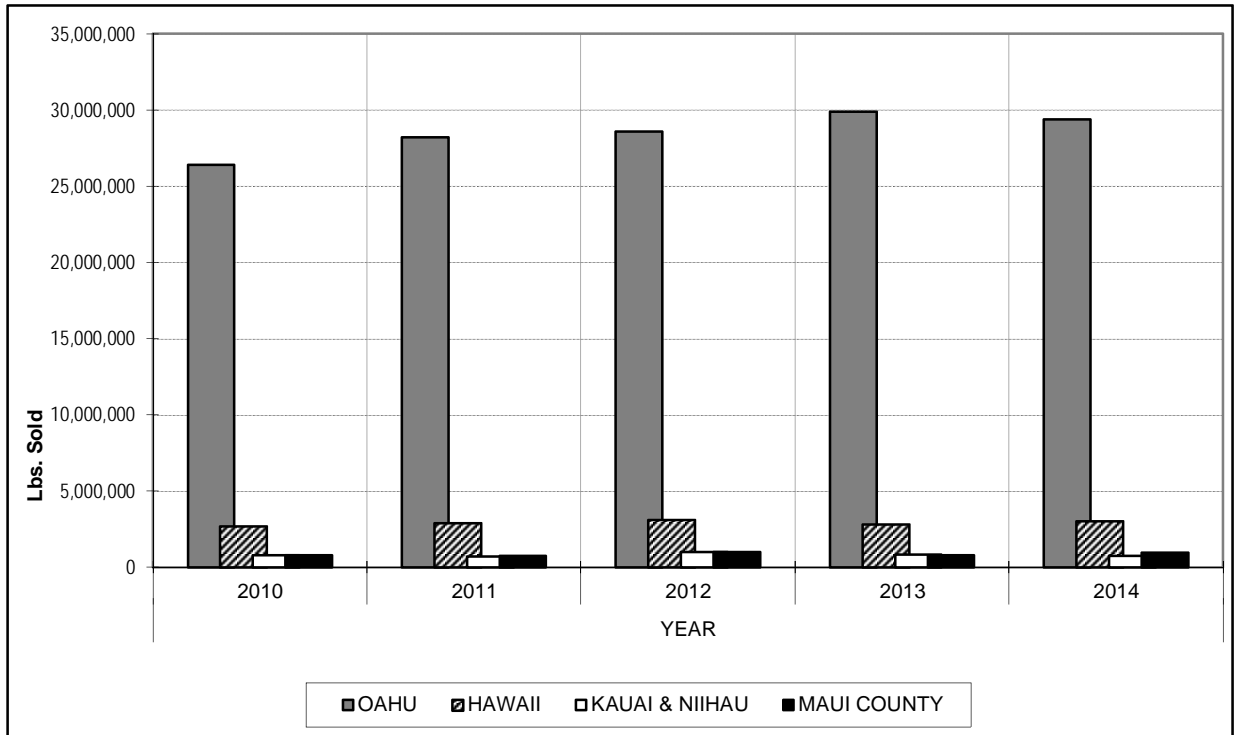
\*Due to low level of fishermen reporting and to preserve confidentiality, data for these methods are pooled under "ALL OTHER" group.

**CHART D.1  
SEA LANDINGS BY PORT ANNUAL MONTHLY TRENDS, 2014**



Calendar Year 2014		Month												TOTAL
PORT		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
OAHU	Lbs. Landed	2,205,985	2,280,565	2,470,826	2,480,225	2,817,839	2,263,402	2,370,768	2,600,415	2,248,484	2,421,119	2,233,147	2,998,512	29,391,287
	Lbs. Sold													
	Ex-vessel Value (\$)													
HAWAII	Lbs. Landed	205,707	231,872	189,764	253,521	351,806	288,910	329,558	338,086	303,884	176,583	163,752	197,669	3,031,112
	Lbs. Sold													
	Ex-vessel Value (\$)													
KAUAI & NIIHAU	Lbs. Landed	31,760	29,066	77,340	55,581	102,167	146,949	61,323	67,020	61,938	47,848	47,382	43,199	771,573
	Lbs. Sold													
	Ex-vessel Value (\$)													
MAUI COUNTY	Lbs. Landed	60,281	73,681	70,709	68,187	91,934	79,428	67,198	68,540	89,134	99,263	96,862	86,419	951,636
	Lbs. Sold													
	Ex-vessel Value (\$)													
TOTAL	Lbs. Landed	2,503,733	2,615,184	2,808,639	2,857,514	3,363,746	2,778,689	2,828,847	3,074,061	2,703,440	2,744,813	2,541,143	3,325,799	34,145,608
	Lbs. Sold													
	Ex-vessel Value (\$)													

**CHART D.2  
SEA LANDINGS BY PORT ANNUAL 5-YEAR TRENDS, 2010 - 2014**



<i>Calendar Year</i>		<i>YEAR</i>				
<b>PORT</b>		<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>OAHU</b>	<i>Lbs. Landed</i>	26,412,864	28,218,747	28,573,124	29,877,658	29,391,287
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>HAWAII</b>	<i>Lbs. Landed</i>	2,693,859	2,885,270	3,114,925	2,796,997	3,031,112
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>KAUAI &amp; NIIHAU</b>	<i>Lbs. Landed</i>	799,710	716,187	1,000,510	821,473	771,573
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>MAUI COUNTY</b>	<i>Lbs. Landed</i>	804,633	750,029	1,019,989	792,087	951,636
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>30,711,066</b>	<b>32,570,233</b>	<b>33,708,548</b>	<b>34,288,215</b>	<b>34,145,608</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 2013**

**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	576,250			Akule	255,489		
Bigeye	15,764,381			Hahalalu	37,351		
Bluefin	1,016			Opelu	243,557		
Kawakawa	26,297			Opelu Mama	258		
Keokeo	38			<b>SUBTOTAL</b>	<b>536,655</b>		
Tombo	500,924			<b>JACKS</b>			
Yellowfin	3,533,959			Barred-jack <sup>2</sup>	---		
Unclassified	3,025			Butaguchi	420		
<b>SUBTOTAL</b>	<b>20,405,890</b>			Dobe	4,152		
<b>BILLFISHES &amp; SWORDFISH</b>				Gunkan	352		
Black marlin	24,783			Kagami	153		
Blue marlin	1,265,348			Kamanu	5,123		
Sailfish	34,877			Lae	221		
Shortbill spearfish	502,129			Menpachi (sasa)	289		
Striped marlin	1,066,826			Omaka <sup>2</sup>	---		
Swordfish	2,463,947			Omilu	7,633		
<b>SUBTOTAL</b>	<b>5,357,910</b>			Paopao	190		
<b>MISC. PELAGIC FISHES</b>				Papa	7,713		
Kaku	18,076			White	11,981		
Mahimahi	1,824,432			Unclass./misc. <sup>2</sup>	2,428		
Malolo <sup>2</sup>	---			<b>SUBTOTAL</b>	<b>40,655</b>		
Mola Mola <sup>2</sup>	---			<b>INSHORE FISHES</b>			
Monchong	1,213,344			<i>Parrotfishes</i>			
Ono	1,159,299			Panuhunuhu	397		
Opah	1,974,222			Panunu	259		
Walu	518,367			Uhu	68,834		
<b>SUBTOTAL</b>	<b>6,707,740</b>			<i>Goatfishes</i>			
<b>DEEP BOTTOMFISHES</b>				Kumu	4,429		
Alfonsin	143			Malu	227		
Aweoweo (Deepsea)	371			Moano	3,435		
Ehu	28,126			Moana kali	2,799		
Golden kale	247			Munu	683		
Hapuupuu	9,724			Weke nono	6,799		
Hauliuli	11			Weke pueo <sup>2</sup>	---		
Hogo	1,517			Weke, red	47,080		
Kahala	13,028			Weke, white	4,417		
Kalekale	18,613			<i>Surgeonfishes</i>			
Lehi	8,525			Api	75		
Opakapaka	164,985			Black kole	69		
Randall snapper <sup>2</sup>	---			Kala	30,244		
Taape	30,328			Kalalei	2,682		
Ukikiki (gindai)	3,089			Kole	3,135		
Uku	96,840			Maiko	3,172		
Ulaula (onaga)	79,438			Manini	11,497		
Yellow-tail kale	37			Naenae	8,389		
<b>SUBTOTAL</b>	<b>455,022</b>						

<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(\$)	SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
<b>INSHORE FISHES(cont.)</b>				<b>SHARKS</b>			
<i>Surgeonfishes(cont.)</i>				Hammerhead <sup>2</sup>	---		
Opelu kala	2,832			Mako	90,595		
Pakuikui	197			Oceanic whitetip <sup>2</sup>	---		
Palani	31,408			Thresher	13,672		
Pualu	7,211			Unclass/misc	1,846		
<i>Damselfishes</i>				<b>SUBTOTAL</b>	<b>106,113</b>		
Kupipi	77			<b>LOBSTERS</b>			
Maomao	885			Ula, Green spiny	8,291		
<i>Squirrelfishes</i>				Ula, Red spiny	2,171		
Alaihi	491			Spiny (unclass./misc.) <sup>2</sup>	---		
Uu	53,103			Haanii (slipper)	106		
Uukanipo	15			Squammosus	67		
<i>Wrasses</i>				<b>SUBTOTAL</b>	<b>10,635</b>		
Aawa	3,571			<b>CRABS</b>			
Hinalea	28			Aama <sup>2</sup>	---		
Kupoupou	19			Kona	2,105		
Laenihi	3,474			Kuahonu	32,522		
Poou	39			Samoan	413		
Unclass./misc.	181			Crab (unclass./misc.) <sup>2</sup>	166		
<i>Miscellaneous Inshore Fishes</i>				<b>SUBTOTAL</b>	<b>35,206</b>		
Ahaaha	487			<b>SHRIMP</b>			
Aholehole	1,711			Ensifer	657		
Amaama	4,504			Laevigatus	48,177		
Awa	1,525			<b>SUBTOTAL</b>	<b>48,834</b>		
Awaawa	694			<b>OTHER ANIMALS</b>			
Aweoweo	6,109			Hee (day tako)	33,544		
Gold spot herring <sup>2</sup>	---			He'e (unclass./misc.) <sup>2</sup>	810		
Humuhumu	540			Muhee (squid)	4,452		
Iheihe	148			Namako (sea cucumber) <sup>2</sup>	---		
Kawelea	1,820			Opihi makaiauli	3,426		
Loulou	1,361			Opihi 'alina	18,990		
Makiawa <sup>2</sup>	---			Wana	---		
Moi	432			<b>SUBTOTAL</b>	<b>61,222</b>		
Mu	3,569			<b>SHELLS</b>			
Nenu	16,662			<b>SUBTOTAL</b>	<b>na</b>		
Nohu	574			<b>SEAWEEDS</b>			
Nunu	354			Limu kohu	4,725		
Oio	7,898			Limu ogo	149		
Pakii	20			Limu wawaeiole <sup>2</sup>	---		
Poopaa	715			Unclass./misc.	1,112		
Puhi (brown)	523			<b>SUBTOTAL</b>	<b>5,986</b>		
Puhi (white)	370			<b>CORALS</b>			
Puhi (misc.)	1,698			Black <sup>2</sup>	---		
Roi	1,476			<b>SUBTOTAL</b>	<b>---</b>		
Summer mullet <sup>2</sup>	---			Unclass./misc. <sup>2</sup>			
Tilapia <sup>2</sup>	---				12,418		
Toau	5,314			<b>TOTAL</b>	<b>34,145,608</b>		
Uouoa	614						
Wahanui	51						
<b>SUBTOTAL</b>	<b>361,322</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>	--		
Longline	27,327,330		
Deepbottom handline	462,414		
Inshore handline	242,702		
Tuna handline	1,662,725		
Other handline	4,341		
Trolling	3,418,176		
Diving	175,846		
Net	492,116		
Trap	111,769		
Rod & reel (casting, dunking, etc.)	171,716		
Handpick (limu & opihii)	28,548		
Unclass./Misc. <sup>3</sup>	47,925		
<b>TOTAL</b>	<b>34,145,608</b>		

**Appendix C - Sea Landings by Island**

<b>ISLAND</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
Oahu	29,391,287		
Hawaii	3,031,112		
Maui	901,295		
Kauai & Niihau	771,573		
Molokai	40,506		
Lanai	9,835		
<b>STATE TOTAL</b>	<b>34,145,608</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)	57,595		
Kaulakahi Channel (521,525)	46,816		
Niihau (505-506,526,527)	45,879		
Makahuena Pt. - Kekaha (500,520)	304,200		
Barking Sands - Na Pali Coast (501-502,522)	35,328		
Hanalei - Moloa'a Bay (503,523)	44,611		
Anahola - Nawiliwili (504,524)	228,954		
Sand Is. - Ala Wai (400,420)	53,920		
Pearl Harbor - Barbers Pt. (401,421)	201,186		
Barbers Pt. - Kaena Pt. (402-403,422-423)	600,552		
Kaena Pt. - Kahuku (404-405,424-425)	297,344		
Laie Pt. - Kahana Bay (406-426)	50,363		
Kaneohe Bay (407,427)	168,549		
Kailua Bay - Makapuu Pt. (408,428)	61,807		
Makapuu Pt. - Diamond Head (409)	30,122		

**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)	30,859		
Penguin Bank (331)	127,220		
Kealaikahiki Channel (327)	80,128		
Alenuihaha Channel (324-325)	162,585		
Auau, Kalohi & Pailolo Channels (321)	38,725		
Alalakeiki Channel (320)	103,051		
Molokai (310-314,333)	39,838		
Lanai (308-309,328)	67,124		
Kahoolawe (306-307,326)	9,368		
Makena - Hana (304-305)	23,506		
Hana - Kahului (302-303,322-323)	215,436		
Honolua - Lahaina (301)	3,637		
Lahaina - Makena (300)	67,769		
Milolii - South Pt. (100,108,120,128)	256,357		
Punaluu - Kalapana (107,127)	170,102		
Kona Coast (101,121)	1,269,619		
Keahole - Kawaihae (102,122)	183,652		
Kohala - Hamakua Coast (103-104,123-124)	30,401		
Hilo (105,125)	270,550		
Puna - Kalapana (106,126)	530,452		
Other (all other area codes from Fisheries Chart No. 1 not listed above)	365,484		
<b>SUBTOTAL</b>	<b>6,273,089</b>		
<b>Northwestern Hawaiian Islands offshore - 200 mile EEZ (refer to Fisheries Chart No. 2)</b>			
Other (all other areas codes from Fisheries Chart No. 2 not listed above)	16,064		
<b>SUBTOTAL</b>	<b>16,064</b>		
Other areas (not in Fisheries Charts 1 & 2) (other mid-ocean and missing area fished codes)			
	27,856,455		
<b>TOTAL</b>	<b>34,145,608</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>RN</i>	<i>SS</i>	<i>TT</i>	<i>UU</i>	<i>VV</i>	<i>XX</i>	<i>ZZ</i>
Aku	--	2,251	**	3,420	3,668	3,754	251	--	535	1,334	**	**	**	**	--	1,581	--
Bigeye	--	4,092	**	3,398	248	6,344	**	--	531	312	--	**	--	**	--	553	--
Kawakawa	--	--	--	--	**	11	--	--	--	**	--	--	--	--	--	**	--
Tombo	--	206	**	468	564	1,802	**	--	1,607	--	--	**	--	--	--	--	--
Yellowfin	--	28,102	343	33,061	38,374	45,334	5,956	--	41,065	3,232	**	7,168	**	654	**	5,890	**
Black marlin	--	--	--	--	**	**	--	--	--	--	--	--	--	--	--	--	--
Blue marlin	--	986	**	3,498	3,898	6,370	**	--	2,155	854	--	**	--	--	--	**	--
Sailfish	--	--	--	--	--	--	--	--	--	--	--	**	--	--	--	--	--
Shortbill spearfish	--	**	**	85	--	237	**	--	--	76	--	**	--	--	--	--	--
Striped marlin	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--	**	--
Swordfish	--	327	--	1,011	**	294	**	--	1,069	--	--	**	--	--	--	--	--
Kaku	--	--	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--
Mahimahi	--	3,461	**	20,240	6,844	5,036	11,177	--	14,900	2,894	**	5,133	670	**	--	12,396	**
Ono	--	1,761	**	5,043	3,749	1,850	1,124	--	8,375	576	**	2,378	256	**	--	67	--
Walu	--	--	--	**	**	--	--	--	--	--	--	--	--	--	--	--	--
Kahala	--	--	--	--	--	--	--	--	--	**	--	--	--	--	--	--	--
Taape	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Uku	--	**	--	--	--	**	**	--	--	--	**	**	--	--	--	--	--
Akule	--	**	--	--	**	**	--	--	**	--	--	--	--	--	--	**	--
Opelu	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Kamanu	--	--	--	36	15	--	--	--	--	--	--	**	--	--	--	**	--
Kawalea	--	--	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Mako shark	--	--	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--
Thresher	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Squid	--	**	--	173	--	--	--	--	**	--	--	--	**	--	--	--	--
Unclass./Misc.**	--	219	526	222	1,419	199	1,600	--	280	--	--	1,473	70	2,184	--	958	--
<b>TOTAL</b>	--	<b>41,405</b>	<b>869</b>	<b>70,655</b>	<b>58,779</b>	<b>71,231</b>	<b>20,108</b>	--	<b>70,517</b>	<b>9,278</b>	**	<b>16,152</b>	<b>996</b>	<b>2,838</b>	**	<b>21,445</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>
Aku	4,411	--	**	2,140	4,075	3,306	873	13,036	289	1,729	1,428	1,191	501	696
Bigeye	**	--	--	**	244	540	**	2,516	--	**	103	**	346	323
Kawakawa	238	--	**	2,257	**	94	**	58	**	1,200	134	374	131	**
Tombo	--	--	--	--	--	**	--	--	--	--	--	--	--	--
Yellowfin	9,594	--	--	5,634	3,878	3,450	696	19,668	964	5,357	8,507	2,475	2,870	1,444
Tuna (misc.)	--	--	--	--	--	--	**	--	--	--	--	--	--	--
Black marlin	--	--	--	--	--	--	--	--	**	--	--	--	--	--
Blue marlin	2,694	--	**	6,452	1,582	--	621	2,106	--	4,862	3,729	1,364	--	--
Sailfish	--	--	--	--	--	--	--	--	--	--	--	**	--	--
Shortbill spearfish	118	--	--	147	**	--	**	**	--	105	165	**	**	--
Striped marlin	211	--	--	1,181	**	**	237	**	--	312	726	121	--	--
Kaku	**	--	--	--	--	--	--	**	--	--	--	**	--	--
Mahimahi	13,180	--	--	2,470	16,934	7,741	398	19,289	1,769	4,452	7,085	5,881	1,921	2,539
Ono	628	--	--	1,378	1,310	452	229	2,633	--	611	1,046	335	211	558
Uku	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Akule	--	--	--	**	--	--	--	--	--	--	--	--	--	--
Opelu	**	--	--	286	--	--	**	--	--	**	--	--	--	**
Kamanu	--	--	--	--	25	--	--	--	--	--	**	--	--	--
White ulua	--	--	--	--	--	--	**	**	--	--	--	--	--	--
Kawlea	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mako	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Unclass./Misc.**	1,818	--	--	957	308	248	412	295	--	360	--	233	--	--
<b>TOTAL</b>	<b>32,892</b>	--	**	<b>22,902</b>	<b>28,356</b>	<b>15,831</b>	<b>3,466</b>	<b>59,601</b>	<b>3,022</b>	<b>18,988</b>	<b>22,923</b>	<b>11,974</b>	<b>5,980</b>	<b>5,560</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>K</i>	<i>M</i>	<i>N</i>	<i>Q</i>	<i>CC</i>	<i>DD</i>	<i>FF</i>	<i>GG</i>	<i>HO</i>	<i>HS</i>	<i>JJ</i>	<i>LA</i>	<i>MC</i>	<i>NL</i>	<i>SO</i>
Aku	516	--	1,400	9,683	172	**	449	75	185	308	--	--	**	3,020	636
Bigeye	**	82	640	3,215	**	**	1,401	**	**	1,413	--	--	**	25,038	845
Kawakawa	--	--	**	**	--	**	--	--	**	--	--	--	--	--	334
Tombo	--	--	**	**	--	--	--	--	--	--	--	--	--	**	**
Yellowfin	1,356	3,306	780	15,902	1,202	**	5,309	376	1,630	2,629	--	--	**	21,431	10,430
Tuna (misc.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Blue marlin	--	--	729	1,255	--	**	--	--	**	**	--	--	--	964	**
Sailfish	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Shortbill spearfish	--	**	--	**	**	--	--	--	--	--	--	--	--	--	**
Striped marlin	--	--	--	**	**	208	--	--	--	--	--	--	**	--	**
Kaku	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mahimahi	792	11,495	3,595	37,375	823	7,835	14,678	3,374	16,704	1,132	--	--	2,857	17,214	6,436
Ono	162	287	441	3,752	**	624	640	473	359	431	--	**	**	1,742	385
Uku	**	--	**	--	--	--	--	--	--	--	--	--	--	--	--
Akule	--	--	--	--	--	--	--	--	--	--	--	**	--	--	--
Opelu	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Kamanu	--	--	--	**	--	**	--	--	**	--	--	--	--	**	--
White ulua	**	--	--	--	--	--	--	--	--	--	--	--	--	--	**
Unclass./Misc.**	54	--	133	549	130	650	--	--	951	--	--	--	3,417	115	1,602
<b>TOTAL</b>	<b>2,880</b>	<b>15,170</b>	<b>7,718</b>	<b>71,731</b>	<b>2,327</b>	<b>9,317</b>	<b>22,477</b>	<b>4,298</b>	<b>19,829</b>	<b>5,913</b>	--	**	<b>6,274</b>	<b>69,524</b>	<b>20,668</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	--	--	374	214	812	308	560	**	593
Bigeye	--	--	--	231	--	--	1,380	--	**
Kawakawa	--	--	--	--	--	**	**	**	**
Yellowfin	388	--	8,679	6,292	5,074	8,471	27,551	954	4,130
Blue marlin	**	--	--	--	**	**	1,702	--	--
Shortbill spearfish	--	--	--	--	**	--	--	--	--
Striped marlin	--	--	--	--	--	--	**	--	--
Mahimahi	**	--	819	212	1,905	395	977	258	548
Ono	55	--	330	71	513	1,180	2,134	--	226
Kahala	--	--	--	--	--	--	**	--	--
Uku	--	--	--	--	--	--	--	--	**
Opelu	--	--	--	--	--	**	--	--	**
Kamanu	--	--	--	--	--	--	--	--	--
Omilu	--	--	--	--	--	--	**	--	--
White papio	--	--	--	--	--	--	**	--	--
Squid	--	--	--	--	--	--	--	--	--
Unclass./Misc.**	691	--	--	--	380	**	--	--	228
<b>TOTAL</b>	<b>1,134</b>	--	<b>10,202</b>	<b>7,020</b>	<b>8,684</b>	<b>10,354</b>	<b>34,304</b>	<b>1,212</b>	<b>5,725</b>

**Other FADs**

<i>SPECIES</i>	<i>MO</i>	<i>W1</i>	<i>W2</i>	<i>W3</i>	<i>W4</i>	<i>W8</i>
Aku	720	--	--	**	--	**
Bigeye	6,037	**	--	**	--	**
Kawakawa	**	--	--	--	--	--
Yellowfin	6,094	**	--	**	--	1,616
Blue marlin	**	--	--	**	--	--
Shortbill spearfish	**	--	--	--	--	--
Striped marlin	--	--	--	**	--	--
Mahimahi	4,481	**	--	**	--	1,633
Monchong	305	--	--	--	--	--
Ono	--	--	--	**	--	**
Kamanu	**	--	--	--	--	**
Unclass./Misc.**	213	--	--	1,432	--	412
<b>TOTAL</b>	<b>17,850</b>	<b>**</b>	--	<b>1,432</b>	--	<b>3,661</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.	0.0												
	B	Miloli'i	12.0	16,458	106	155.3	24,500	112	218.8				469	9	52.1
	C	Loa Pt.	2.1	440	8	55.0	429	4	107.3						
	D	Kumukahi	12.0	43,271	148	292.4	25,851	86	300.6				1,533	13	117.9
	E	Leleiwi	12.0	32,144	224	143.5	26,005	80	325.1				629	8	78.6
	F	Kailua-Kona	12.0	35,094	288	121.9	31,377	139	225.7				4,769	28	170.3
	G	Pepe'ekeo	8.9	13,905	75	185.4	6,203	18	344.6						
	HK	Hakalau	0.0												
	KH	Kahena	12.0	35,670	129	276.5	19,069	50	381.4				15,778	47	335.7
	OT	Waikoloa Pt.	12.0	8,382	73	114.8	848	3	282.7						**
	RN	Palima Pt.	12.0					**							
	SS	Apua Pt.	12.0	7,876	27	291.7	6,822	18	379.0						**
	TT	Kanewa'a	4.3	931	11	84.6		**							
	UU	Auau	4.3	709	9	78.8		**							
VV	Kahalu'u	0.2					**								
XX	Puako	12.0	21,371	138	154.9									**	
ZZ	Waima Pt.	12.0		**											
Oahu	J	Waiale'e	12.0	29,261	172	170.1							3,631	13	279.3
	P	Penguin Banks	0.2												
	R	Makaha	3.1	227	3	75.7								**	
	S	Pokai Bay	12.0	21,332	154	138.5		**					1,135	23	49.3
	T	Makapu'u	11.1	25,566	138	185.3	573	6	95.5		**		1,017	8	127.1
	U	Kane'ohe	12.0	15,570	111	140.3		**						**	
	V	Makua	7.4	3,309	32	103.4							260	10	26.0
	X	Kahuku	12.0	51,777	276	187.6		**			**		1,049	5	209.8
	BO	Barbers Pt.	3.1	3,028	57	53.1									
	CO	Ka'ena Pt.	12.0	18,960	120	158.0							108	3	36.0
	HH	Pearl Harbor	12.0	22,679	219	103.6								**	
	II	Hale'iwa	12.0	11,924	106	112.5								**	
	LL	Hau'ula	3.1	6,009	35	171.7									
	MM	Mokapu Pt.	3.1	5,450	38	143.4							121	3	40.3

\*\*\*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
<i>Maui County</i>	K	Palaoa	12.0	1,298	27	48.1							1,582	8	197.8
	M	Hana Bay	4.3	13,570	50	271.4		**						**	
	N	Cape Halawa	11.2	7,630	46	165.9								**	
	Q	Pauwela Pt.	12.0	71,633	291	246.2							102	3	34.0
	CC	Ka'ena Pt.	12.0	2,327	18	129.3									
	DD	Opana Pt.	12.0	9,092	67	135.7							225	3	75.0
	FF	Pukaulua Pt.	4.3	21,763	48	453.4		**						**	
	GG	Nakaohu Pt.	8.7	4,366	68	64.2								**	
	HO	Ho'olawa Pt.	4.5	19,492	53	367.8		**						**	
	HS	Halona	12.0	5,939	37	160.5							374	3	124.7
	JJ	Kamohio	4.8												
	LA	Lahaina	2.7		**									**	
	MC	Palaoa	2.4	6,214	62	100.2								**	
	NL	Nu'u	12.0	67,806	219	309.6		**						**	
	SO	Kahoolawe	12.0	20,175	147	137.2		**					481	7	68.7
<i>Kauai</i>	Z	Kipukai	4.5	1,134	7	162.0									
	AA	Port Allen	0.0												
	BB	Moloo'a	12.0	8,264	44	187.8	1,648	5	329.6					**	
	CK	Makahu'ena Pt.	5.3	5,181	41	126.4	1,839	5	367.8						
	DK	Anahola	12.0	8,562	83	103.2		**						**	
	EK	Hanalei	12.0	11,063	65	170.2		**						**	
	KK	Waimea	12.0	27,240	80	340.5	6,930	7	990.0					**	
	PP	Koloa	3.1	373	11	33.9		**							
	WK	Wailua	3.1	5,496	51	107.8							229	5	45.8

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