

COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT

CALENDAR YEAR 2011



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

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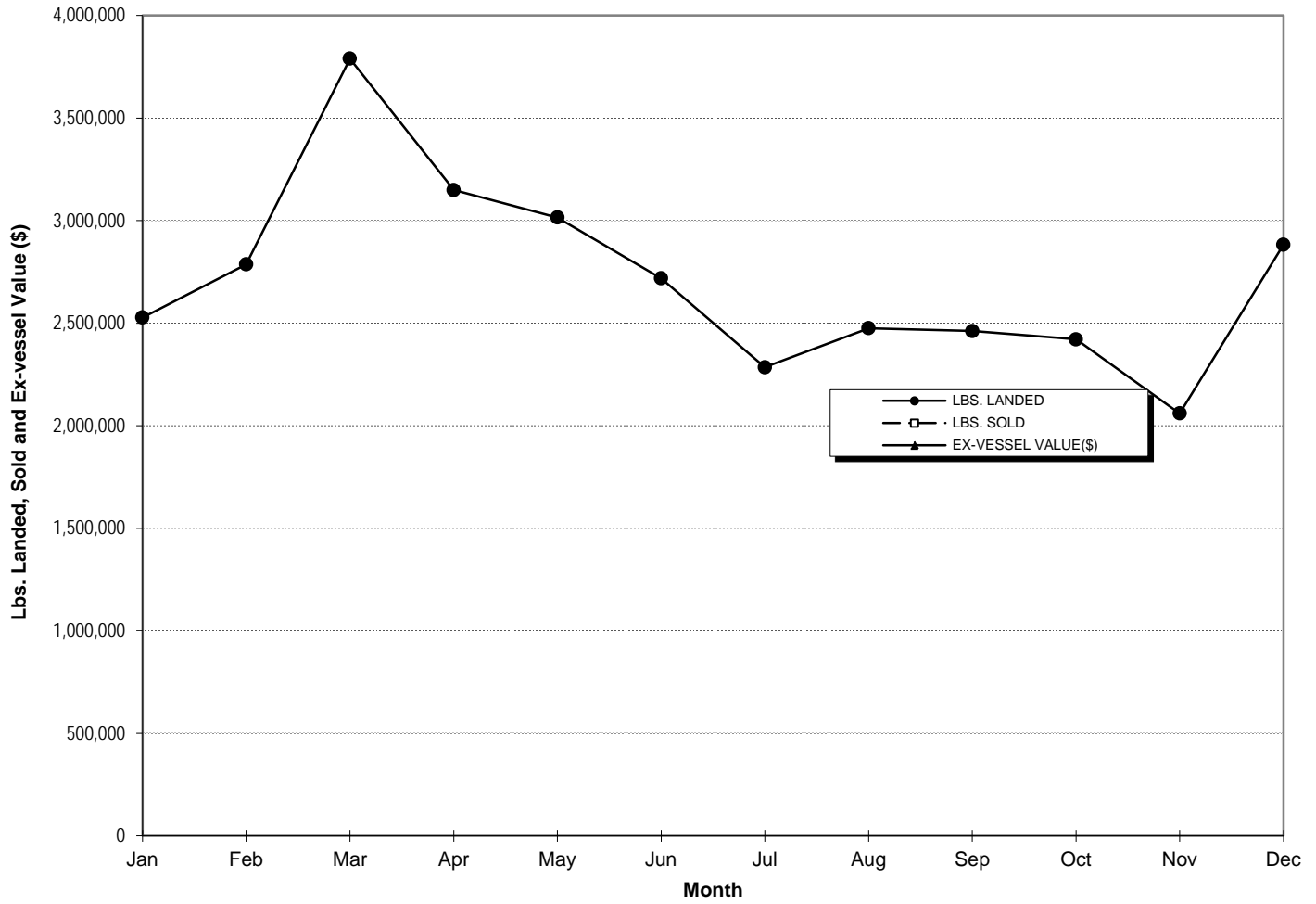
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Note: Data incomplete due to late submission and processing of fish catch records.

INTRODUCTION

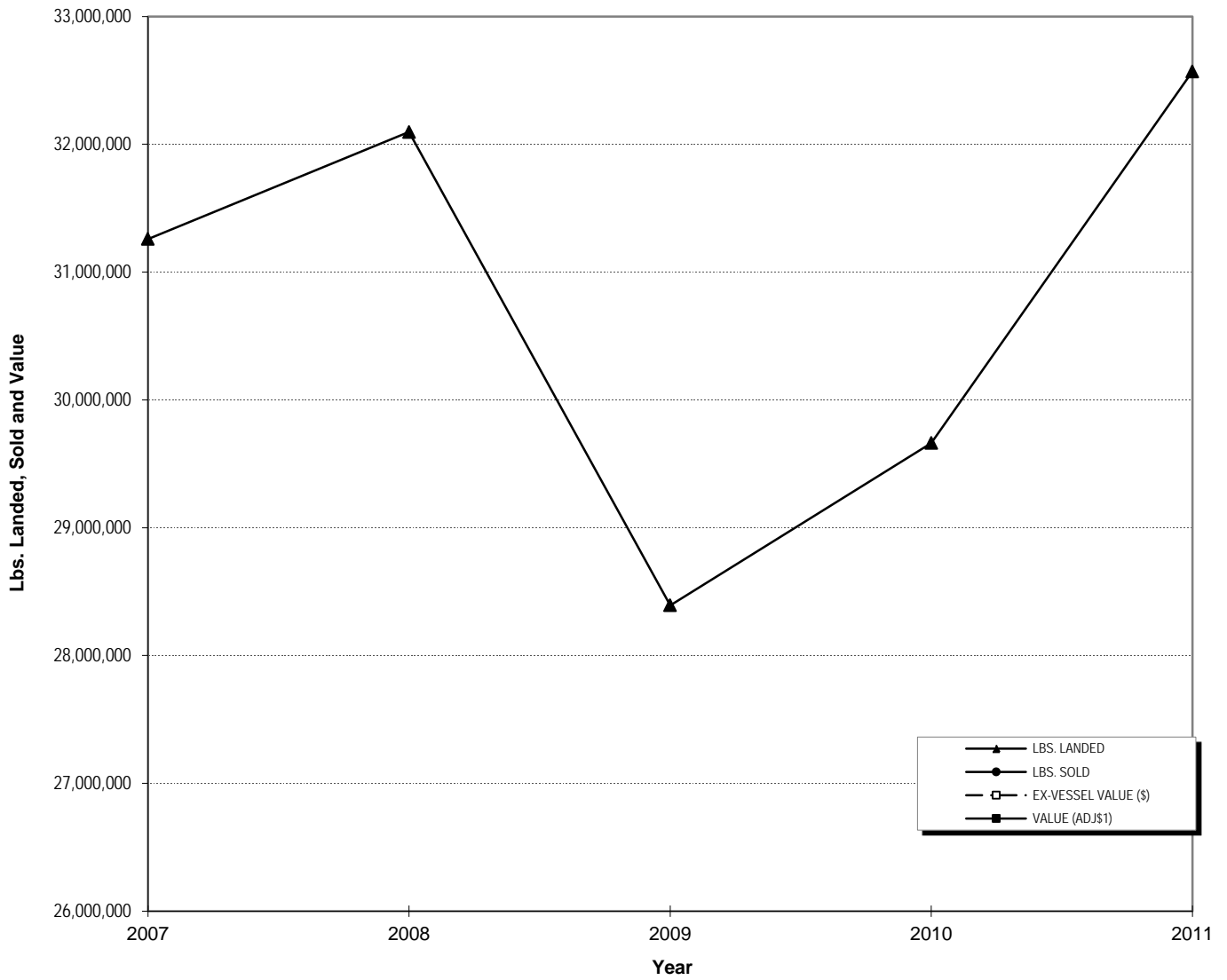
The information presented in this Commercial Marine Landing Summary Trend Report is compiled from fishing reports submitted by licensed fishermen. Commercial fishers are required to obtain commercial marine licenses and submit fishing reports to DLNR-DAR. In previous editions of these summary trend reports, 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, 2011**



MONTH	LBS. LANDED	LBS. SOLD	EX-VESSEL VALUE(\$)
<i>Jan</i>	2,527,241		
<i>Feb</i>	2,786,453		
<i>Mar</i>	3,789,076		
<i>Apr</i>	3,148,826		
<i>May</i>	3,015,187		
<i>Jun</i>	2,718,583		
<i>Jul</i>	2,284,521		
<i>Aug</i>	2,475,519		
<i>Sep</i>	2,461,640		
<i>Oct</i>	2,420,554		
<i>Nov</i>	2,059,769		
<i>Dec</i>	2,882,776		
TOTAL	32,570,145		

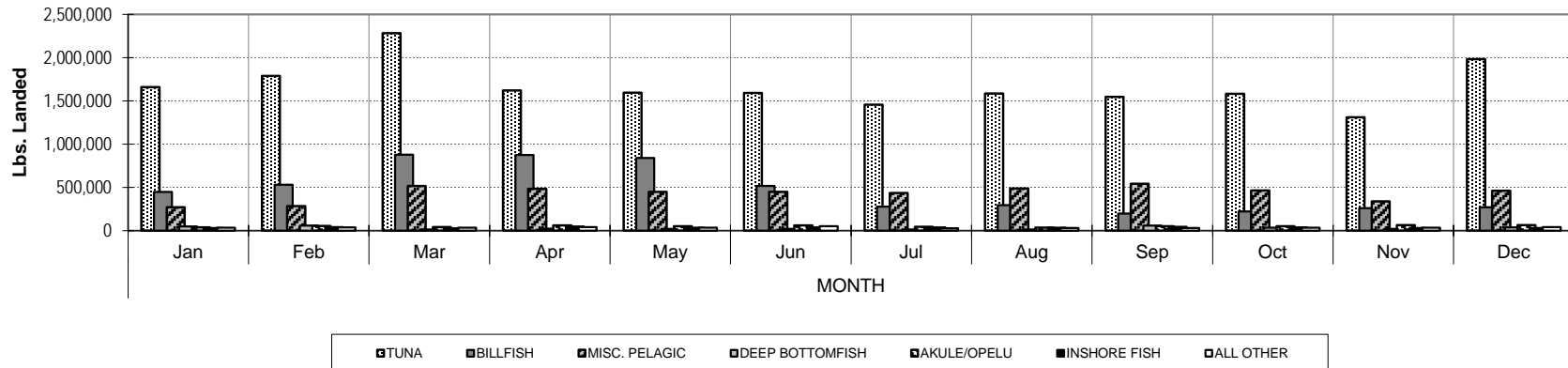
**CHART A.2
TOTAL SEA LANDINGS ANNUAL 5 - YEAR TRENDS. 2007- 2011**



YEAR	LBS. LANDED	LBS. SOLD	EX-VESSEL VALUE (\$)	HCPI¹	VALUE (ADJ\$¹)
2007	31,258,434				
2008	32,095,867				
2009	28,392,264				
2010	29,662,355				
2011	32,570,145				

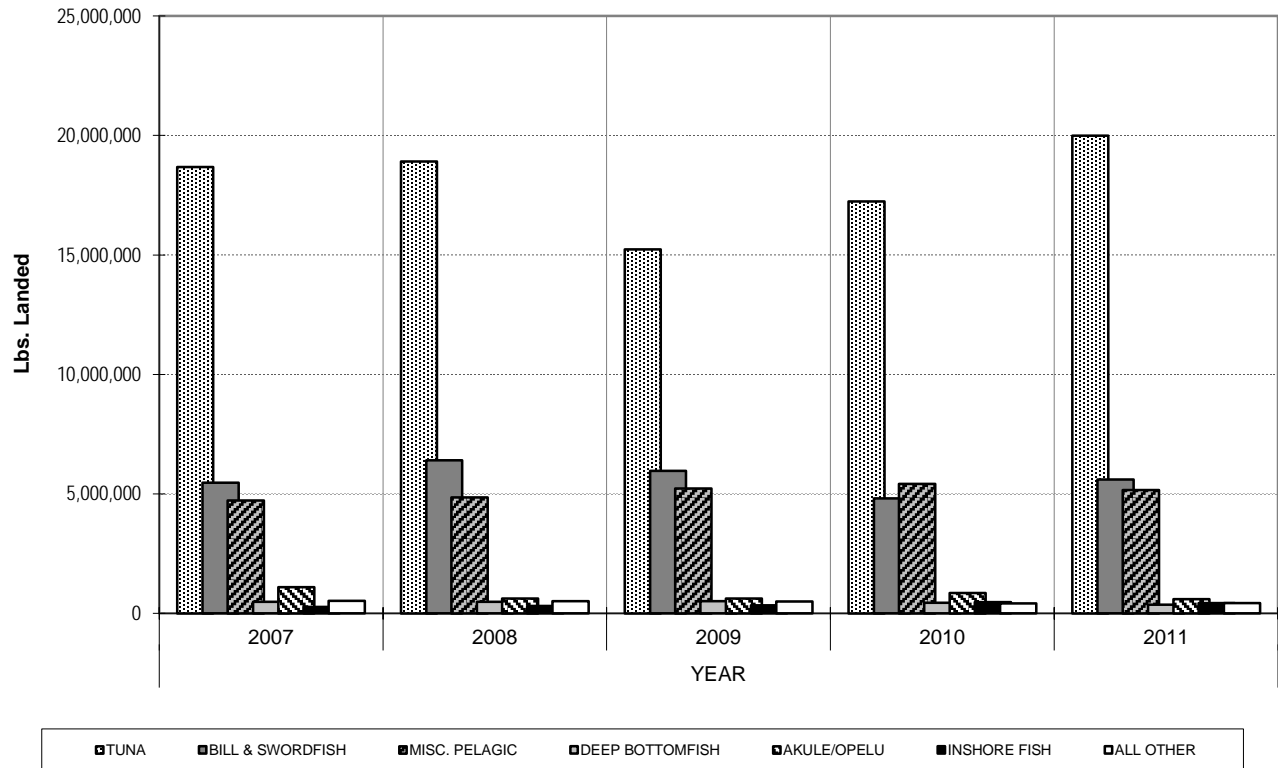
¹ Honolulu Consumer Price Index (all wage earners)

**CHART B.1
SEA LANDINGS BY SPECIES GROUP ANNUAL MONTHLY TRENDS, 2011**



Calendar Year 2011		MONTH												YEAR
SPECIES GROUP		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
TUNA	Lbs. Landed	1,657,308	1,787,812	2,281,370	1,620,482	1,593,008	1,591,421	1,456,009	1,585,953	1,544,468	1,580,254	1,309,888	1,982,651	19,990,624
	Lbs. Sold													
	Ex-vessel Value (\$)													
BILLFISH	Lbs. Landed	448,159	530,511	878,438	873,078	838,804	515,137	276,134	293,530	197,087	222,171	261,004	268,283	5,602,336
	Lbs. Sold													
	Ex-vessel Value(\$)													
MISC. PELAGIC	Lbs. Landed	268,513	282,341	516,354	483,784	448,044	448,676	433,172	485,273	539,712	463,980	337,618	460,648	5,168,115
	Lbs. Sold													
	Ex-vessel Value(\$)													
DEEP BOTTOMFISH	Lbs. Landed	49,224	58,025	12,726	24,577	19,917	19,349	12,995	13,146	56,253	33,251	21,284	37,715	358,462
	Lbs. Sold													
	Ex-vessel Value (\$)													
AKULE/OPELU	Lbs. Landed	37,755	51,863	40,188	60,494	49,037	58,380	43,096	33,612	48,697	49,929	63,045	64,430	600,526
	Lbs. Sold													
	Ex-vessel Value (\$)													
INSHORE FISH	Lbs. Landed	30,998	39,202	25,468	46,639	33,520	35,585	35,531	34,767	44,799	36,858	31,758	29,556	424,681
	Lbs. Sold													
	Ex-vessel Value (\$)													
ALL OTHER	Lbs. Landed	35,284	36,699	34,532	39,772	32,857	50,035	27,584	29,238	30,624	34,111	35,172	39,493	425,401
	Lbs. Sold													
	Ex-vessel Value (\$)													
TOTAL	Lbs. Landed	2,527,241	2,786,453	3,789,076	3,148,826	3,015,187	2,718,583	2,284,521	2,475,519	2,461,640	2,420,554	2,059,769	2,882,776	32,570,145
	Lbs. Sold													
	Ex-vessel Value (\$)													

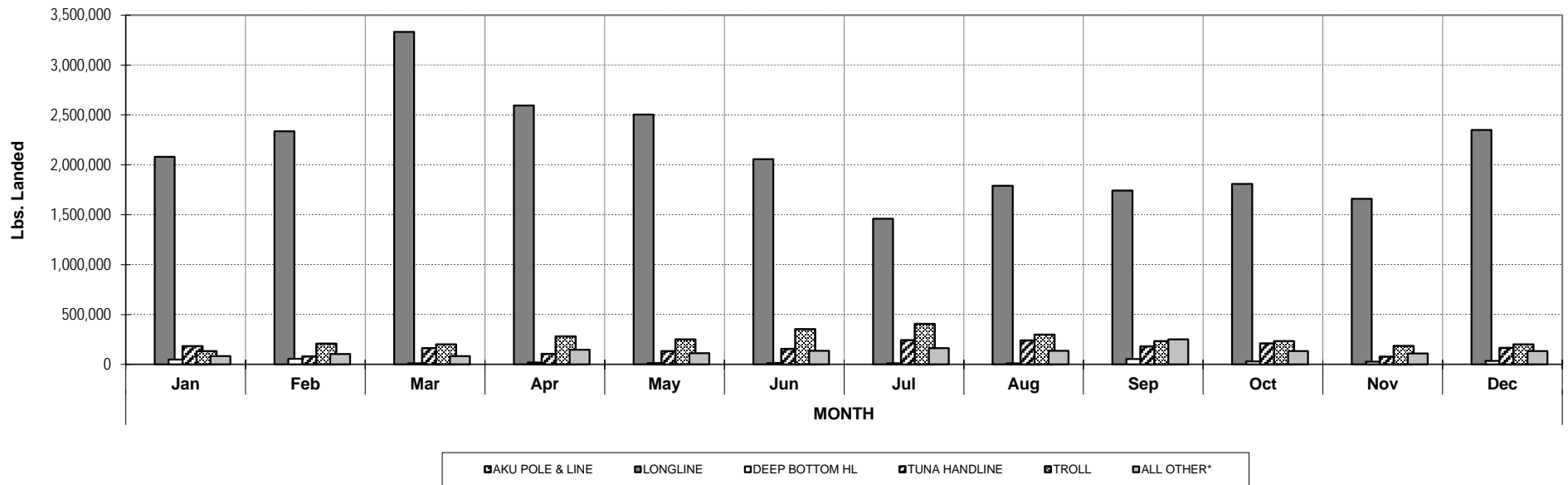
**CHART B.2
SEA LANDINGS BY SPECIES GROUPS ANNUAL 5 - YEAR TRENDS, 2007 - 2011**



<i>Calendar Year</i>		<i>YEAR</i>				
<i>SPECIES GROUP</i>		<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>
TUNA	<i>Lbs. Landed</i>	18,687,145	18,913,165	15,233,818	17,243,923	19,990,624
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
BILL & SWORDFISH	<i>Lbs. Landed</i>	5,472,354	6,405,615	5,966,427	4,812,496	5,602,336
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
MISC. PELAGIC	<i>Lbs. Landed</i>	4,725,041	4,851,107	5,230,733	5,416,017	5,168,115
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
DEEP BOTTOMFISH	<i>Lbs. Landed</i>	483,593	482,911	511,244	446,339	358,462
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
AKULE/OPELU	<i>Lbs. Landed</i>	1,098,151	620,760	628,642	855,318	600,526
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
INSHORE FISH	<i>Lbs. Landed</i>	269,324	310,464	329,816	471,000	424,681
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
ALL OTHER	<i>Lbs. Landed</i>	522,826	511,845	491,584	417,262	425,401
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TOTAL	<i>Lbs. Landed</i>	31,258,434	32,095,867	28,392,264	29,662,355	32,570,145
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					

¹ Honolulu Consumer Price Index (all wage earners)

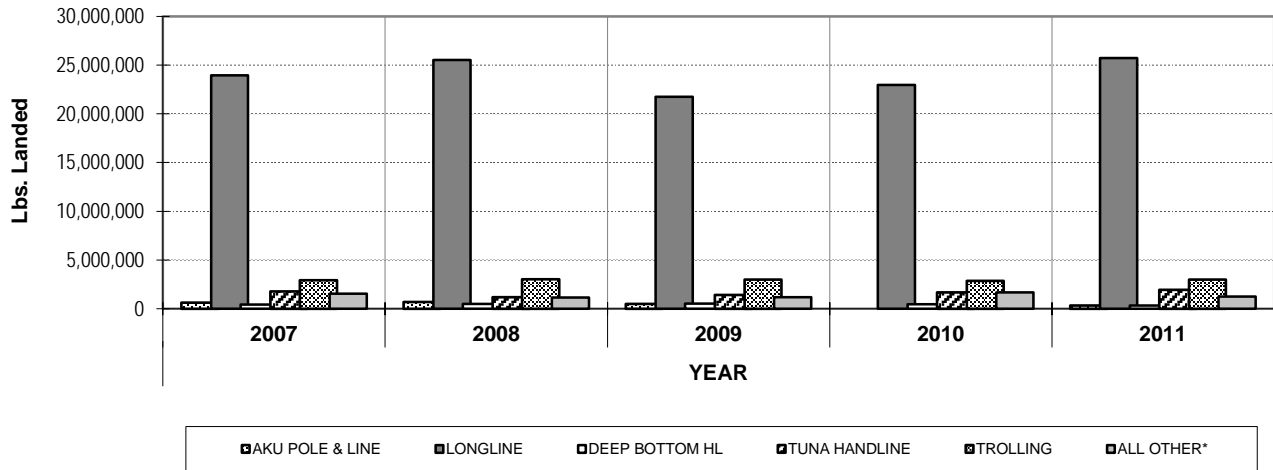
**CHART C.1
SEA LANDINGS BY FISHING METHOD ANNUAL MONTHLY TRENDS, 2011**



<i>Calendar Year 2011</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>	2,080,281	2,335,122	3,330,757	2,594,424	2,503,715	2,055,347	1,460,008	1,789,842	1,742,386	1,809,369	1,660,882	2,348,469	25,710,602
DEEP BOTTOM HL	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	48,086	57,813	12,509	19,003	13,670	15,759	12,746	11,255	53,255	31,362	26,578	35,987	338,023
TUNA HANDLINE	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	183,404	80,682	162,493	106,172	133,025	155,279	243,963	239,574	179,251	211,265	77,415	164,740	1,937,263
TROLL	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	131,900	206,886	200,430	281,398	251,119	354,021	405,344	297,339	234,010	233,513	184,508	199,529	2,979,997
ALL OTHER*	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	83,570	105,950	82,887	147,829	113,658	138,177	162,460	137,509	252,738	135,045	110,386	134,051	1,604,260
TOTAL	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	2,527,241	2,786,453	3,789,076	3,148,826	3,015,187	2,718,583	2,284,521	2,475,519	2,461,640	2,420,554	2,059,769	2,882,776	32,570,145

* 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, 2007 - 2011**

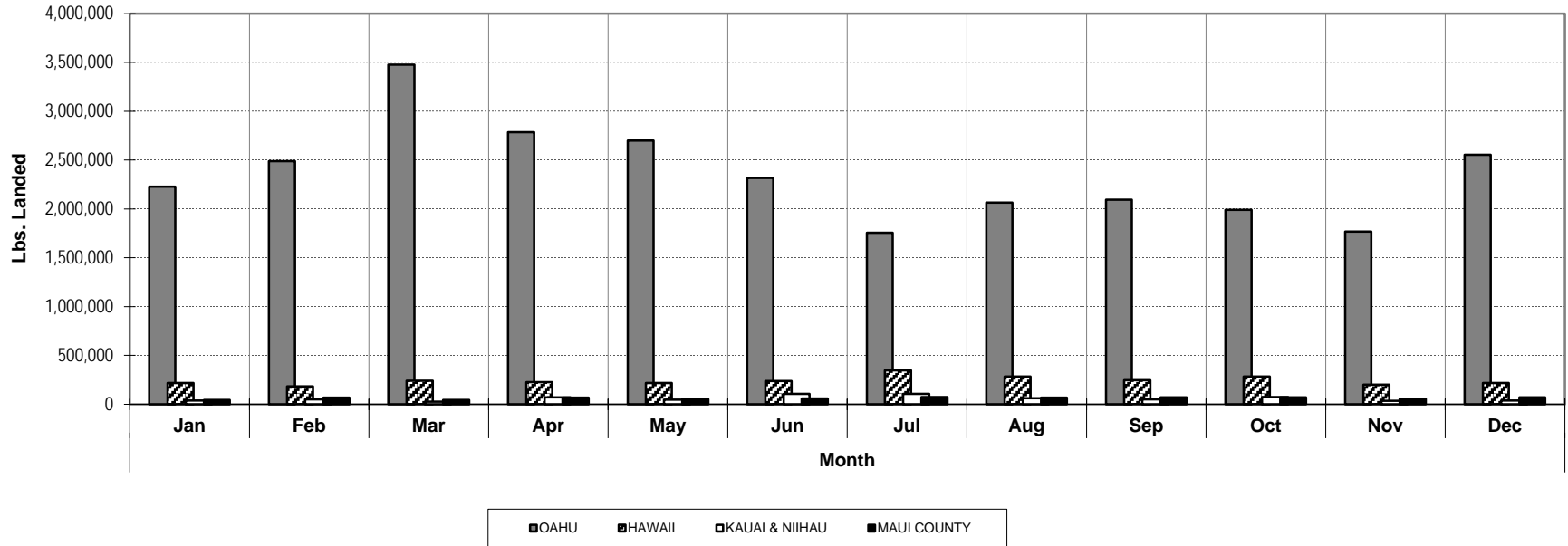


Calendar Year		YEAR				
FISHING METHOD		2007	2008	2009	2010	2011
AKU POLE & LINE	Lbs. Landed	643,029	702,193	506,695	*	347,898
	Lbs. Sold					
	Value (Adj\$) ¹					
LONGLINE	Lbs. Landed	23,942,579	25,526,099	21,764,098	22,960,495	25,710,602
	Lbs. Sold					
	Value (Adj\$) ¹					
DEEP BOTTOM HL	Lbs. Landed	440,048	504,235	523,245	450,838	338,023
	Lbs. Sold					
	Value (Adj\$) ¹					
TUNA HANDLINE	Lbs. Landed	1,782,649	1,187,099	1,426,270	1,683,782	1,937,263
	Lbs. Sold					
	Value (Adj\$) ¹					
TROLLING	Lbs. Landed	2,916,040	3,021,153	2,990,568	2,872,314	2,979,997
	Lbs. Sold					
	Value (Adj\$) ¹					
ALL OTHER*	Lbs. Landed	1,534,089	1,155,088	1,181,388	1,694,926	1,256,362
	Lbs. Sold					
	Value (Adj\$) ¹					
TOTAL	Lbs. Landed	31,258,434	32,095,867	28,392,264	29,662,355	32,570,145
	Lbs. Sold					
	Value (Adj\$) ¹					

¹ Honolulu Consumer Price Index (all wage earners)

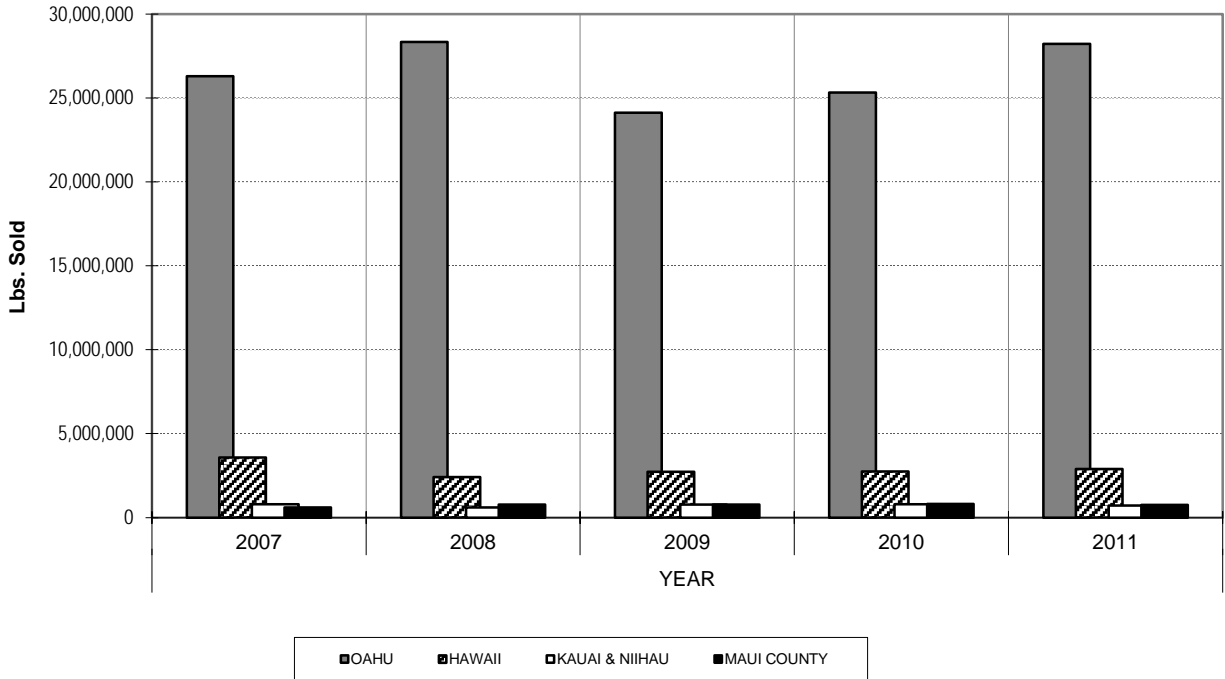
* Due to low level of fishermen reporting and to preserve confidentiality, data for these methods are pooled under "ALL OTHER" group.

**CHART D.1
SEA LANDINGS BY PORT ANNUAL MONTHLY TRENDS, 2011**



Calendar Year 2011		Month												TOTAL
PORT		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
OAHU	<i>Lbs. Landed</i>	2,226,600	2,488,786	3,475,799	2,784,172	2,698,572	2,315,497	1,757,387	2,063,553	2,092,887	1,991,001	1,769,154	2,555,251	28,218,659
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
HAWAII	<i>Lbs. Landed</i>	215,529	180,758	240,886	224,275	215,202	236,141	345,876	281,579	246,188	284,131	199,289	215,416	2,885,270
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
KAUAI & NIIHAU	<i>Lbs. Landed</i>	39,803	49,204	27,644	71,526	48,999	107,393	107,547	62,887	51,122	75,611	34,796	39,978	716,510
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
MAUI COUNTY	<i>Lbs. Landed</i>	45,309	67,705	44,747	68,853	52,414	59,552	73,711	67,500	71,443	69,811	56,530	72,131	749,706
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
TOTAL	<i>Lbs. Landed</i>	2,527,241	2,786,453	3,789,076	3,148,826	3,015,187	2,718,583	2,284,521	2,475,519	2,461,640	2,420,554	2,059,769	2,882,776	32,570,145
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													

**CHART D.2
SEA LANDINGS BY PORT ANNUAL 5-YEAR TRENDS, 2007- 2011**



Calendar Year		YEAR				
PORT		2007	2008	2009	2010	2011
OAHU	<i>Lbs. Landed</i>	26,291,131	28,332,328	24,124,484	25,325,614	28,218,659
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
HAWAII	<i>Lbs. Landed</i>	3,567,416	2,400,741	2,722,596	2,732,295	2,885,270
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
KAUAI & NIIHAU	<i>Lbs. Landed</i>	791,542	594,863	767,071	799,710	716,510
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
MAUI COUNTY	<i>Lbs. Landed</i>	608,345	767,935	778,113	804,736	749,706
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TOTAL	<i>Lbs. Landed</i>	31,258,434	32,095,867	28,392,264	29,662,355	32,570,145
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					

¹ Honolulu Consumer Price Index (all wage earners)

APPENDICES
Statistical Tables
Calendar 2011

Appendix A - Sea Landings by Species

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)	SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
TUNAS				AKULE/OPELU			
Aku	1,101,922			Akule	280,252		
Bigeye	13,280,975			Hahalalu	35,295		
Bluefin	430			Opelu	284,346		
Kawakawa	6,111			Opelu Mama	633		
Keokeo	39			SUBTOTAL	600,526		
Tombo	1,669,566			JACKS			
Yellowfin	3,929,867			Barred-jack ²	---		
Unclassified	1,714			Butaguchi	1,286		
SUBTOTAL	19,990,624			Dobe	1,291		
BILLFISHES & SWORDFISH				Gunkan	333		
Black marlin	10,030			Kagami	326		
Blue marlin	1,332,934			Kamanu	4,181		
Sailfish	37,563			Lae	338		
Shortbill spearfish	558,265			Menpachi (sasa)	1,038		
Striped marlin	904,976			No-bite ²	---		
Swordfish	2,757,027			Omaka	45		
Unclassified	1,541			Omilu	6,823		
SUBTOTAL	5,602,336			Paopao	251		
MISC. PELAGIC FISHES				Papa	8,048		
Kaku	58,145			White	20,366		
Mahimahi	1,667,830			Unclass./misc. ²	36		
Malolo ²	--			SUBTOTAL	44,362		
Mola Mola	730			INSHORE FISHES			
Monchong	458,516			<i>Parrotfishes</i>			
Ono	694,146			Panuhunu	234		
Opah	1,621,110			Panunu	60		
Walu	667,637			Uhu	72,095		
SUBTOTAL	5,168,114			<i>Goatfishes</i>			
DEEP BOTTOMFISHES				Kumu	9,522		
Alfonsin ²	--			Malu	348		
Aweoweo (Deepsea)	102			Moano	5,393		
Ehu	20,850			Moana kali	1,860		
Golden kale	134			Munu	681		
Hapuupuu	7,039			Weke nono	3,173		
Hauliuli	391			Weke pueo	33		
Hogo	1,085			Weke, red	30,009		
Kahala	15,594			Weke, white	6,607		
Kalekale	8,751			Weke (unclass.)	1,008		
Lehi	4,671			<i>Surgeonfishes</i>			
Opakapaka	100,195			Api	204		
Randall snapper ²	--			Black kole	151		
Taape	41,359			Kala	29,772		
Ukikiki (gindai)	2,638			Kalalei	3,391		
Uku	109,250			Kole	4,216		
Ulaula (onaga)	46313			Maiii ²	---		
Yellow-tail kale	55			Maiko	3,953		
SUBTOTAL	358,427			Manini	17,902		
				Naenae	8,982		

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

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)	SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
INSHORE FISHES(cont.)				SHARKS			
<i>Surgeonfishes(cont.)</i>				Blue	33,200		
Opelu kala	6,044			Mako	152,091		
Pakuikui	593			Oceanic whitetip	2,726		
Pala ²	---			Thresher	48,658		
Palani	31,862			Unclass/misc	5,215		
Pualu	14,546			SUBTOTAL	241,890		
<i>Damselfishes</i>				LOBSTERS			
Kupipi	17			Ula, Green spiny	8,906		
Maomao	1,909			Ula, Red spiny	1,692		
<i>Squirrelfishes</i>				Haanii (slipper)	129		
Alaihi	500			Squammosus	56		
Pauu ²	---			Slipper (unclass./misc.) ²	---		
Uu	61,574			SUBTOTAL	10,783		
Uukanipo	69			CRABS			
<i>Wrasses</i>				Aama ²	---		
Aawa	4,106			Kona	11,055		
Hilu ²	---			Kuahonu	22,354		
Hinalea	64			Samoan	1,326		
Kupoupou	33			Crab (unclass./misc.) ²	33		
Laenihi	2,901			SUBTOTAL	34,768		
Poou	89			SHRIMP			
Unclass./misc.	232			Ensifer ²	---		
<i>Miscellaneous Inshore Fishes</i>				Laevigatus	6,103		
Ahaaha	353			SUBTOTAL	6,103		
Aholehole	2,026			OTHER ANIMALS			
Amaama	14,470			Hee (day tako)	30,190		
Awa	1,029			Hee pu loa (night tako) ²	---		
Awaawa	681			Lole (sea cucumber) ²	---		
Aweoweo	2,771			Muhee (squid)	2,811		
Gold spot herring ²	---			Opihi makaiauli	2,533		
Hihimanu ²	---			Opihi 'alina	13,142		
Humuhumu	930			Opihi (unclass.) ²	---		
Iheihe ²	---			Hawae ²	---		
Kawelea	5,513			Wana ²	---		
Kihikih ²	---			SUBTOTAL	48,676		
Lauwiliwili ²	---			SHELLS			
Loulu	664			SUBTOTAL	na		
Makiawa ²	---			SEAWEEDS			
Moi	1,091			Limu kohu	5,256		
Mu	6,753			Limu ogo	1,059		
Nenu	27,733			Limu wawaeiole	5,349		
Nohu	1,747			Unclass./misc.	1,775		
Nunu	176			SUBTOTAL	13,439		
Oio	13,663			Unclass./misc. ²	28,997		
Oopuhue ²	---			TOTAL	32,570,145		
Pakii	40						
Poopaa	676						
Puhi (brown)	888						
Puhi (white)	209						
Puhi (misc.)	479						
Roi	5,229						
Summer mullet ²	---						
Tilapia	3,338						
Toau	6,209						
Uouoa	223						
Wahanui	76						
SUBTOTAL	421,100						

Appendix B - Sea Landings by Fishing Method

FISHING METHOD	LBS. LANDED	LBS. SOLD	VALUE(\$)
Aku pole & line ³	347,898		
Longline	25,710,602		
Deepbottom handline	338,023		
Inshore handline	362,487		
Tuna handline	1,937,263		
Other handline ³	1,189		
Trolling	2,979,997		
Diving	226,938		
Net	530,959		
Trap	55,863		
Rod & reel (casting, dunking, etc.)	48,468		
Handpick (limu & opihi)	29,691		
Unclass./Misc. ³	767		
TOTAL	32,570,145		

Appendix C - Sea Landings by Island

ISLAND	LBS. LANDED	LBS. SOLD	VALUE(\$)
Oahu	28,218,659		
Hawaii	2,885,270		
Maui	694,490		
Kauai & Niihau	716,510		
Molokai	43,004		
Lanai	12,212		
STATE TOTAL	32,570,145		

Appendix D - Sea Landings by Area Fished

AREA (area catch code)	LBS. LANDED	LBS. SOLD	VALUE(\$)
Main Hawaiian Islands (refer to Fisheries Chart No. 1)			
Kaula (508,528)	35,214		
Kaulakahi Channel (521,525)	29,107		
Niihau (505-506,526,527)	81,710		
Makahuena Pt. - Kekaha (500,520)	189,648		
Barking Sands - Na Pali Coast (501-502,522)	39,516		
Hanalei - Moloa'a Bay (503,523)	86,248		
Anahola - Nawiliwili (504,524)	223,076		
Sand Is. - Ala Wai (400,420)	48,980		
Pearl Harbor - Barbers Pt. (401,421)	185,999		
Barbers Pt. - Kaena Pt. (402-403,422-423)	602,332		
Kaena Pt. - Kahuku (404-405,424-425)	365,272		
Laie Pt. - Kahana Bay (406-426)	177,784		
Kaneohe Bay (407,427)	362,724		
Kailua Bay - Makapuu Pt. (408,428)	43,691		
Makapuu Pt. - Diamond Head (409)	35,131		

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

AREA (area catch code)	LBS. LANDED	LBS. SOLD	VALUE(\$)
Kawai (Molokai) Channel (332,429)	16,226		
Penguin Bank (331)	103,726		
Kealaikahiki Channel (327)	38,431		
Alenuihaha Channel (324-325)	86,559		
Auau, Kalohi & Pailolo Channels (321)	38,416		
Alalakeiki Channel (320)	85,253		
Molokai (310-314,333)	41,815		
Lanai (308-309,328)	86,263		
Kahoolawe (306-307,326)	31,701		
Makena - Hana (304-305)	40,113		
Hana - Kahului (302-303,322-323)	210,469		
Honolua - Lahaina (301)	7,515		
Lahaina - Makena (300)	65,645		
Milolii - South Pt. (100,108,120,128)	147,387		
Punaluu - Kalapana (107,127)	76,253		
Kona Coast (101,121)	1,097,531		
Keahole - Kawaihae (102,122)	180,225		
Kohala - Hamakua Coast (103-104,123-124)	40,987		
Hilo (105,125)	334,114		
Puna - Kalapana (106,126)	412,937		
Other (all other area codes from Fisheries Chart No. 1 not listed above)	345,729		
SUBTOTAL	5,993,727		
Northwestern Hawaiian Islands offshore - 200 mile EEZ (refer to Fisheries Chart No. 2)			
Other (all other areas codes from Fisheries Chart No. 2 not listed above) ³	573		
SUBTOTAL	573		
Other areas (not in Fisheries Charts 1 & 2) (other mid-ocean and missing area fished codes)	26,575,845		
TOTAL	32,570,145		

³Due 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																
SPECIES	A	B	C	D	E	F	G	HK	KH	OTEC	RN	TT	UU	VV	XX	ZZ
Aku	**	1,405	8,012	483	13,297	469	5,782	3,509	2,281	2,477	63	592	671	2,713	600	--
Bigeye	--	**	2,027	**	782	603	**	25,540	4,126	1,738	**	--	286	398	**	--
Kawakawa	--	--	--	--	**	--	--	**	**	--	--	--	--	**	--	--
Tombo	--	1,174	6,156	255	1,191	**	**	**	3,621	**	--	**	2,866	18,303	--	--
Yellowfin	**	6,616	51,978	15,979	29,099	4,178	7,062	26,081	31,490	7,957	1,284	3,694	7,074	13,538	1,650	**
Black marlin	--	**	--	**	--	--	--	**	--	--	--	**	**	--	--	--
Blue marlin	--	1,687	5,641	**	3,355	1,564	1,068	**	**	2,598	--	--	771	2,630	**	--
Shortbill spearfish	--	**	367	--	--	176	--	--	--	115	--	--	--	--	--	--
Striped marlin	--	--	332	--	--	**	--	**	--	--	--	--	--	--	--	--
Swordfish	--	--	174	**	**	--	--	--	949	--	--	--	**	**	--	--
Kaku	--	--	--	--	--	--	--	--	--	**	--	--	--	--	--	--
Mahimahi	**	321	3,116	5,759	4,402	1,567	6,063	17,645	8,589	1,291	802	1,479	947	1,871	8,647	833
Ono	--	652	1,850	674	1,001	**	333	2,746	1,365	663	--	569	517	418	160	228
Walu	--	--	--	--	**	--	--	--	**	--	--	--	**	--	--	--
Taape	--	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Uku	--	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Hahalu	--	--	--	--	--	--	--	--	--	--	--	--	--	**	--	--
Opelu	--	--	**	--	--	--	**	--	--	--	--	--	--	**	--	--
Kawalea	--	--	--	--	**	--	--	**	**	--	--	--	--	--	--	--
Kamanu	--	--	**	--	**	--	**	**	**	--	**	--	**	97	**	--
Omilu	--	--	--	--	--	--	--	--	--	--	--	**	**	**	--	--
Squid	--	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--
Mako	--	--	--	--	**	--	--	--	**	--	--	--	--	--	--	--
Thresher	--	--	--	--	--	--	--	--	--	--	--	--	--	**	--	--
Oceanic whitetip	--	--	150	--	--	--	--	--	--	--	--	--	--	--	--	--
Unclass./Misc.**	--	370	90	2,006	967	315	317	1,452	642	204	--	239	670	2,344	208	--
TOTAL	**	12,225	79,893	25,156	54,094	8,872	20,625	76,973	53,063	17,043	2,149	6,573	13,802	42,312	11,265	1,061

Oahu FADs														
SPECIES	J	P	R	S	T	U	V	X	BO	CO	HH	II	LL	MM
Aku	5,418	1,119	3,382	2,232	234	1,459	1,083	20,876	38,046	5,286	230	3,358	27,402	25,333
Bigeye	315	46	**	**	**	**	**	**	586	750	--	--	818	661
Bluefin	--	--	--	--	--	--	--	--	--	--	--	--	**	--
Kawakawa	**	--	**	--	**	--	**	26	**	**	**	--	**	**
Tombo	--	--	--	--	**	--	--	--	--	**	--	--	--	--
Keokeo	--	--	--	**	--	--	--	--	--	--	--	--	--	--
Yellowfin	9,856	1,396	5,130	3,126	1,154	2,296	556	25,500	17,173	5,709	1,344	20,469	15,985	8,097
Tuna (misc.)	--	--	--	--	**	--	--	--	--	--	--	--	--	--
Black marlin	--	--	**	--	--	**	--	--	--	--	--	--	--	--
Blue marlin	2,347	**	17,221	14,778	746	**	1,847	1,875	7,862	4,525	**	569	754	1,975
Sailfish	--	--	**	**	--	--	--	**	--	--	--	--	--	--
Shortbill spearfish	--	**	**	127	**	161	--	94	274	132	**	**	**	**
Striped marlin	**	**	1,374	1,314	--	**	**	226	962	820	**	126	--	290
Kaku	**	**	**	--	--	--	--	**	**	**	--	**	--	--
Mahimahi	11,113	3,148	3,022	3,820	3,408	3,522	617	13,251	8,432	7,678	3,335	5,058	11,359	9,620
Ono	384	573	287	72	186	165	335	730	689	431	202	589	401	526
Kahala	--	--	--	--	--	--	--	--	--	--	--	--	--	**
Akule	--	--	--	--	--	--	--	**	**	--	**	--	--	--
Hahalalu	--	--	**	**	--	--	--	--	--	--	--	--	--	--
Kamanu	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Opelu	--	--	1,429	3,665	--	--	742	--	--	**	--	--	--	--
Uku	--	--	--	--	--	--	--	--	--	--	--	--	--	--
White Papio	--	--	--	--	--	--	--	**	**	--	--	--	--	--
Aha	--	--	--	--	--	--	--	**	--	--	--	--	--	--
Unclass./Misc.**	--	738	1,338	423	281	853	404	1,111	175	142	275	--	163	62
TOTAL	29,433	7,020	33,183	29,557	6,009	8,456	5,584	63,689	74,199	25,473	5,386	30,169	56,882	46,564

**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	468	7,903	3,306	3,927	**	**	1,742	**	11,015	**	**	--	1,261	**	**
Bigeye	119	5,050	888	844	**	--	**	**	70	**	**	--	**	**	--
Kawakawa	**	--	--	--	--	--	--	--	**	--	--	--	--	--	--
Tombo	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--
Yellowfin	210	31,056	12,071	8,078	714	227	4,129	**	8,592	**	**	**	4,284	**	591
Blue marlin	1,417	1,574	865	2,076	**	**	**	--	917	**	--	--	--	**	1,379
Shortbill spearfish	**	214	81	**	--	--	**	--	--	**	--	--	--	--	--
Striped marlin	**	**	**	**	**	--	--	**	**	**	--	--	--	--	**
Swordfish	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--
Kaku	33	**	--	--	--	--	--	**	--	--	--	--	--	--	--
Mahimahi	2,709	14,310	9,052	12,547	533	2,831	9,409	2,183	11,690	2,024	1,277	**	12,102	1,829	2,816
Ono	320	1,467	1,001	460	--	304	99	**	1,709	368	**	--	**	338	**
Uku	--	--	--	--	--	--	--	--	--	--	--	--	**	--	--
Opelu	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Taape	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--
Kamanu	--	**	--	**	--	--	--	--	**	--	**	--	--	--	--
White Papio	--	--	--	--	--	--	--	--	--	--	--	--	**	--	--
Unclass./Misc.**	203	115	--	80	540	1,008	390	1,442	209	1,280	4,542	--	155	2,569	240
TOTAL	5,479	61,689	27,264	28,012	1,787	4,370	15,769	3,625	34,202	3,672	5,819	**	17,802	4,736	5,026

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	246	--	674	505	376	606	2,514	250	7,229
Bigeye	**	--	**	--	**	629	**	--	962
Kawakawa	--	--	--	--	--	--	--	--	**
Tombo	--	--	--	--	--	--	**	--	--
Yellowfin	831	**	25,840	10,487	6,505	8,539	28,103	5,016	63,011
Tuna (misc.)	--	--	--	--	--	--	--	--	**
Blue marlin	**	**	706	**	**	979	833	**	2,295
Sailfish	--	--	--	--	--	--	--	--	**
Shortbill spearfish	--	--	--	--	--	--	--	--	**
Striped marlin	--	--	--	--	--	--	--	**	**
Swordfish	--	--	--	--	--	--	--	--	**
Kaku	--	--	**	--	103	--	--	--	--
Mahimahi	298	--	1,877	1,553	664	1,887	1,936	789	1,788
Ono	--	--	783	61	432	679	1,580	**	1,040
Akule	--	--	**	--	--	--	--	--	--
Kamanu	--	--	--	--	--	--	--	--	**
White Papio	--	--	**	--	--	--	--	--	**
Mako	--	--	--	--	--	--	--	--	**
Shark (misc.)	--	--	--	--	--	--	--	--	**
Squid	--	--	--	**	--	--	**	--	**
Unclass./Misc.**	--	673	661	--	345	--	278	273	729
TOTAL	1,375	673	30,541	12,606	8,425	13,319	35,244	6,328	77,054

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

Other FADs						
<i>SPECIES</i>	<i>MO</i>	<i>W1</i>	<i>W2</i>	<i>W3</i>	<i>W4</i>	<i>W8</i>
Aku	325	--	**	--	--	**
Bigeye	938	**	**	**	--	3,981
Tombo	--	--	--	--	--	**
Yellowfin	2,354	**	**	**	**	4,450
Tuna (misc)	--	--	--	--	--	--
Blue marlin	**	--	--	--	--	--
Shortbill spearfish	**	--	--	--	--	--
Striped Marlin	**	--	--	--	--	--
Swordfish	--	--	--	**	--	--
Mahimahi	2,406	**	**	**	**	616
Ono	150	--	**	**	**	--
Walu	--	--	--	**	--	--
Monchong	--	--	--	**	--	--
Opah	--	--	--	**	--	--
Thresher Shark	--	--	--	**	--	--
TOTAL	6,173	**	**	**	**	9,047

**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
Hawaii	A	South Pt.	12.0	***									**	
	B	Miloli'i	7.1	5,885	64	92.0	6,307	44	143.3				**	
	C	Loa Pt.	12.0	31,734	375	84.6	46,540	379	122.8			1,619	29	55.8
	D	Kumukahi	12.0	6,439	71	90.7	18,717	59	317.2					
	E	Leleiwi	12.0	34,051	233	146.1	18,120	90	201.3			2,018	14	144.1
	F	Kailua-Kona	12.0	4,776	101	47.3	3,835	16	239.7			261	11	23.7
	G	Pepe'ekeo	12.0	16,655	111	150.0	2,820	23	122.6			1,150	10	115.0
	HK	Hakalau	12.0	71,873	104	691.1	5,100	19	268.4					
	KH	Kahena	12.0	27,995	162	172.8	25,088	122	205.6					
	OT	Waikoloa Pt.	12.0	14,485	205	70.7	2,127	20	106.4				**	
	RN	Palima Pt.	9.5	1,390	17	81.8	784	4	196.0					
	TT	Kanewa'a	12.0	4,353	66	66.0	2,220	13	170.8					
	UU	Auau	12.0	4,984	82	60.8	8,275	69	119.9			543	6	90.5
	VV	Kahalu'u	12.0	10,464	166	63.0	28,985	199	145.7			2,863	37	77.4
	XX	Puako	12.0	10,965	93	117.9	**							
ZZ	Waima Pt.	7.7	1,141	22	51.9									
Oahu	J	Waiale'e	9.7	26,099	162	161.1	**						**	
	P	Penguin Banks	8.5	7,020	64	109.7								
	R	Makaha	12.0	30,382	259	117.3	**					2,766	26	106.4
	S	Pokai Bay	12.0	25,658	274	93.6						3,899	39	100.0
	T	Makapu'u	7.7	5,964	62	96.2	**							
	U	Kane'ohe	12.0	8,175	113	72.3	91	5	18.2				**	
	V	Makua	8.4	4,659	62	75.1	**					766	9	85.1
	X	Kahuku	12.0	41,949	284	147.7	1,018	10	101.8	**		1045	8	130.6
	BO	Barbers Pt.	10.8	36,309	561	64.7	**			**		584	12	48.7
	CO	Ka'ena Pt.	10.8	25,144	223	112.8	**					95	3	31.7
	HH	Pearl Harbor	10.3	5,376	111	48.4							**	
	II	Hale'iwa	12.0	30,104	200	150.5							**	
	LL	Hau'ula	10.0	21,251	166	128.0	808	6	134.667	**			**	
	MM	Mokapu Pt.	9.9	22,559	200	112.8	1,179	11	107.2	**				

**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	11.0	5,456	312	17.5								**	
	M	Hana Bay	12.0	60,056	278	216.0	1,473	25	58.9					**	
	N	Cape Halawa	12.0	26,294	183	143.7	686	6	114.3					**	
	Q	Pauwela Pt.	12.0	27,743	194	143.0		**						**	
	CC	Ka'ena Pt.	8.5	1,787	23	77.7									
	DD	Opana Pt.	12.0	4,362	87	50.1								**	
	FF	Pukaulua Pt.	10.5	15,243	81	188.2		**							
	GG	Nakaohu Pt.	10.5	3,625	55	65.9									
	HO	Ho'olawa Pt.	10.4	33,752	227	148.7		**							
	HS	Halona	12.0	3,672	61	60.2									
	JJ	Kamohio	7.1	5,819	23	253.0									
	LA	Lahaina	2.7	84	13	6.5								**	
	MC	Palaoa	8.7	16,560	229	72.3								**	
	NL	Nu'u	9.6	4,736	34	139.3									
SO	Kahoolawe	8.6	5,026	57	88.2										
<i>Kauai</i>	Z	Kipukai	7.5	1,743	31	56.2									
	AA	Port Allen	7.4	673	5	134.6									
	BB	Moloa'a	12.0	20,907	141	148.3	9,630	25	385.2					**	
	CK	Makahu'ena Pt.	12.0	6,962	79	88.1	6,094	26	234.4					**	
	DK	Anahola	12.0	7,854	95	82.7		**							
	EK	Hanalei	10.0	13,209	122	108.3		**						**	
	KK	Waimea	12.0	23,974	168	142.7	10,696	16	668.5			574	7	82.0	
	PP	Koloa	12.0	4,001	61	65.6	2,327	13	179.0						
	WK	Wailua	12.0	51,697	559	92.5	25,190	116	217.2					**	