

COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT
CALENDAR YEAR 2012



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

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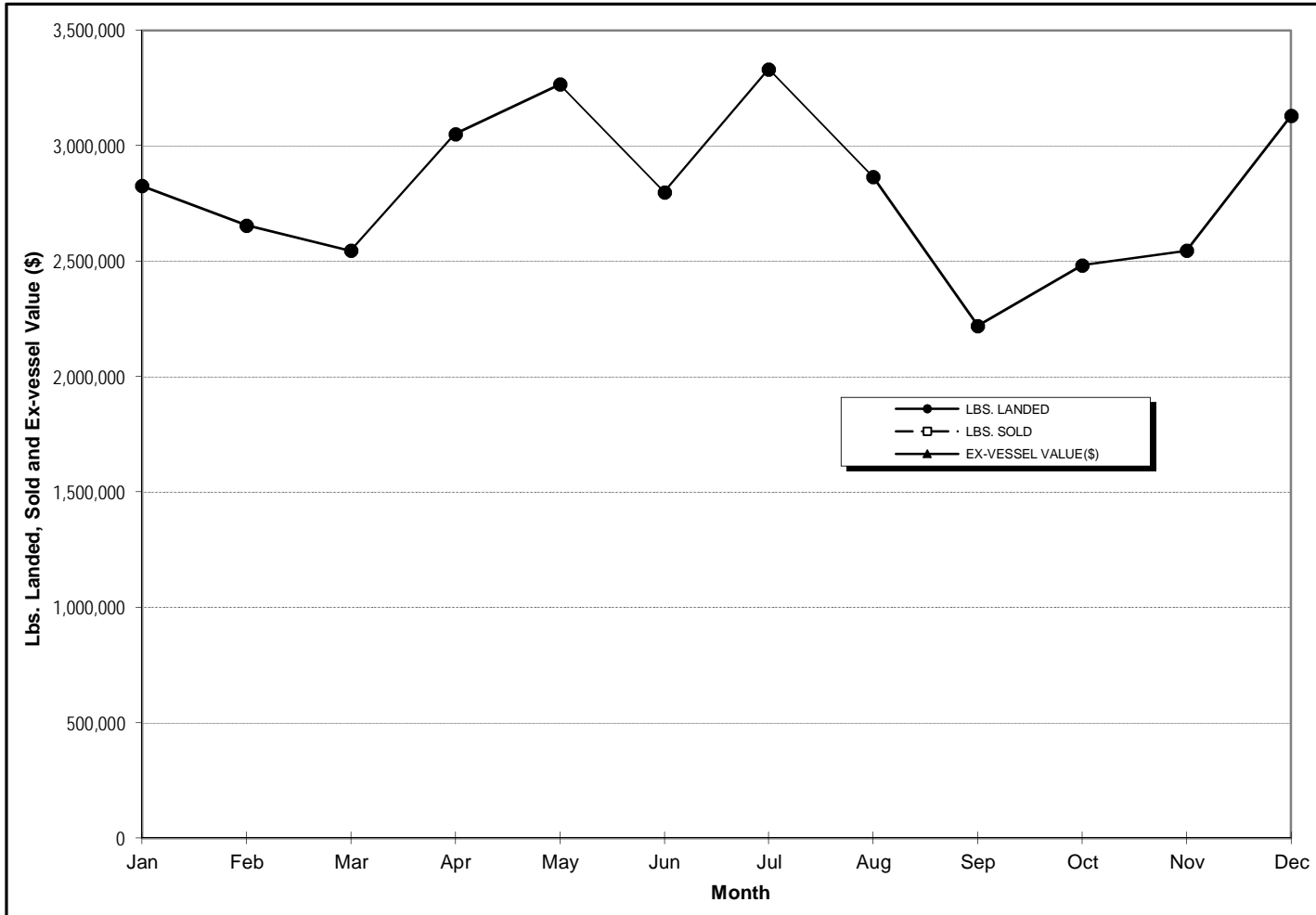
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Note: Data incomplete due to late submission and processing of fish catch records.

INTRODUCTION

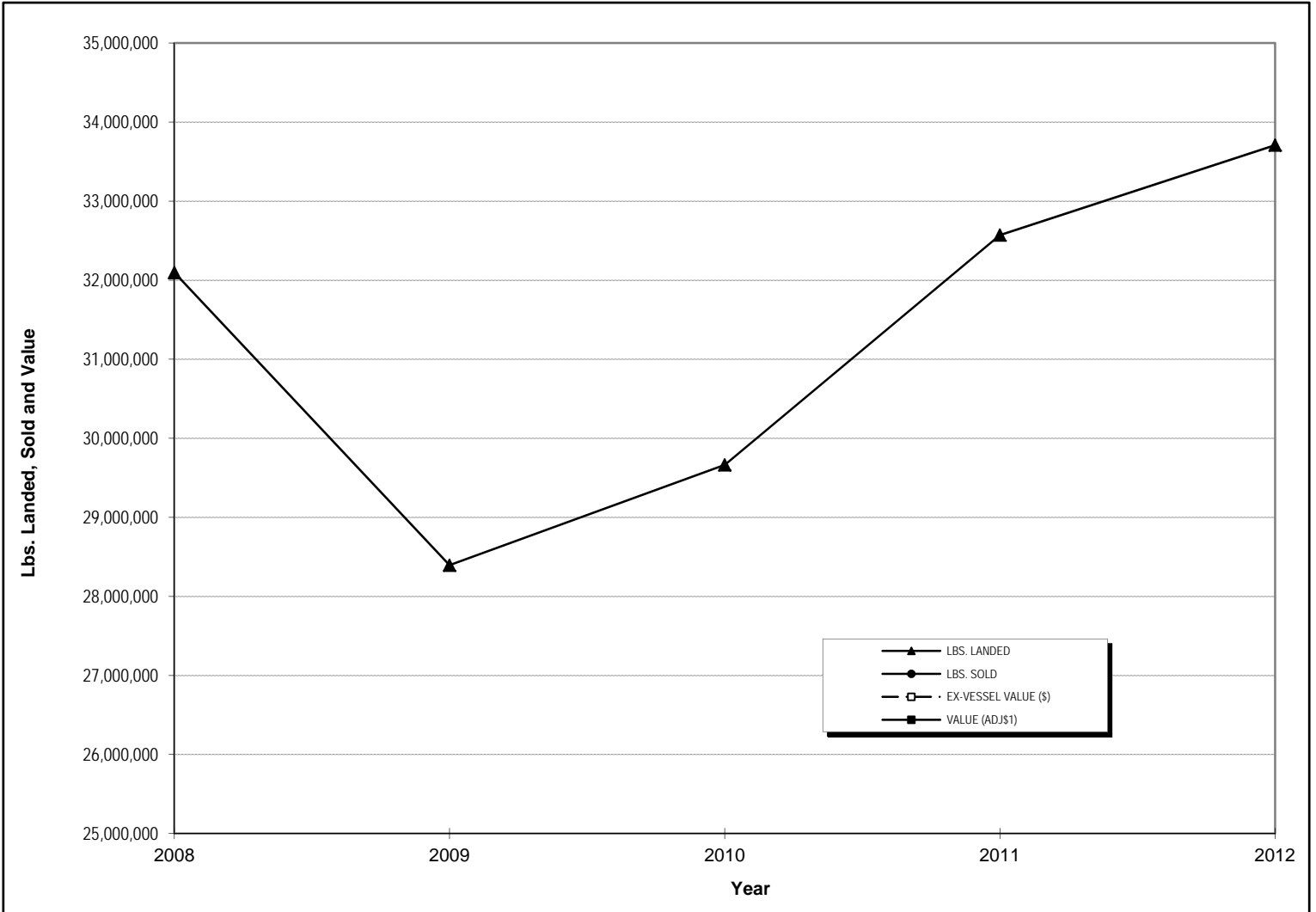
The information presented in this Commercial Marine Landing Summary Trend Report is compiled from fishing reports submitted by licensed fishermen. Commercial fishers are required to obtain commercial marine licenses and submit fishing reports to DLNR-DAR. In previous editions of these summary trend reports, 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, 2012**



MONTH	LBS. LANDED	LBS. SOLD	EX-VESSEL VALUE(\$)
<i>Jan</i>	2,825,116		
<i>Feb</i>	2,653,892		
<i>Mar</i>	2,544,758		
<i>Apr</i>	3,050,109		
<i>May</i>	3,264,666		
<i>Jun</i>	2,798,204		
<i>Jul</i>	3,331,174		
<i>Aug</i>	2,864,088		
<i>Sep</i>	2,219,536		
<i>Oct</i>	2,482,162		
<i>Nov</i>	2,545,142		
<i>Dec</i>	3,129,507		
TOTAL	33,708,354		

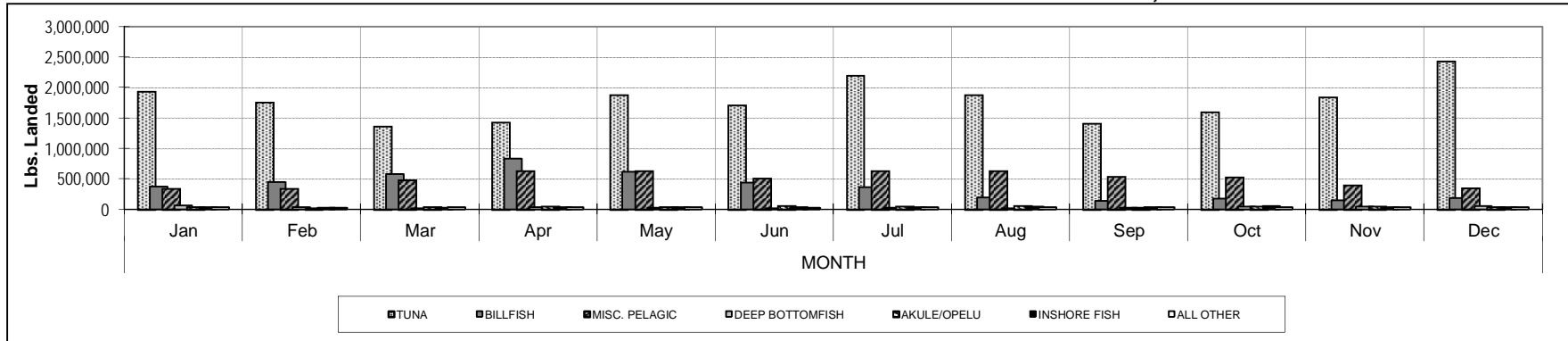
**CHART A.2
TOTAL SEA LANDINGS ANNUAL 5 - YEAR TRENDS, 2008- 2012**



YEAR	LBS. LANDED	LBS. SOLD	EX-VESSEL VALUE (\$)	HCPI ¹	VALUE (ADJ.\$ ¹)
2008	32,096,522				
2009	28,394,127				
2010	29,663,551				
2011	32,570,145				
2012	33,708,354				

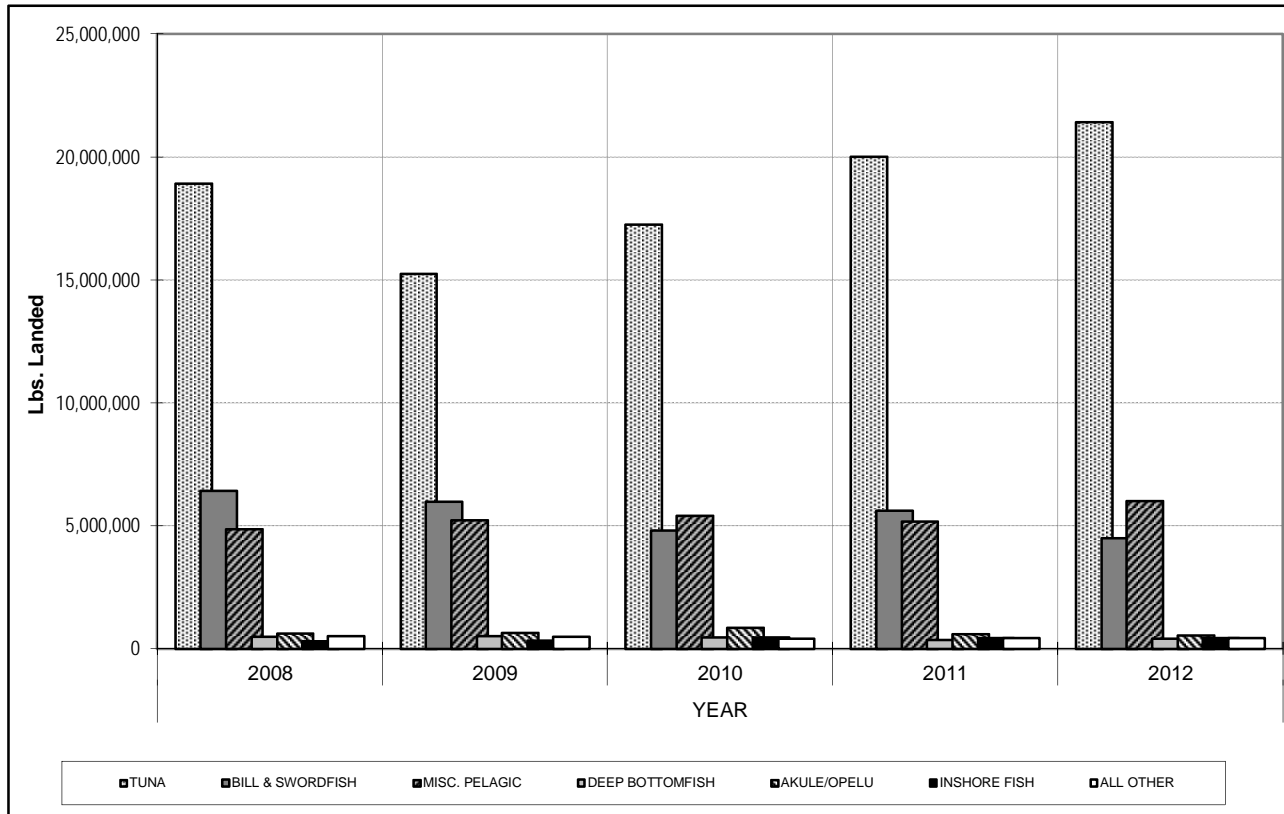
¹ Honolulu Consumer Price Index (all wage earners)

**CHART B.1
SEA LANDINGS BY SPECIES GROUP ANNUAL MONTHLY TRENDS, 2012**



Calendar Year 2012		MONTH												YEAR
SPECIES GROUP		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
TUNA	Lbs. Landed	1,936,215	1,753,359	1,358,846	1,430,216	1,878,679	1,708,644	2,191,968	1,876,178	1,406,332	1,599,111	1,836,690	2,431,084	21,407,322
	Lbs. Sold													
	Ex-vessel Value (\$)													
BILLFISH	Lbs. Landed	372,065	444,068	582,008	834,135	614,851	441,843	363,510	191,993	140,100	178,165	147,127	188,052	4,497,917
	Lbs. Sold													
	Ex-vessel Value(\$)													
MISC. PELAGIC	Lbs. Landed	341,077	340,485	478,860	629,894	632,408	507,632	633,324	635,295	540,810	522,948	393,973	345,753	6,002,459
	Lbs. Sold													
	Ex-vessel Value(\$)													
DEEP BOTTOMFISH	Lbs. Landed	62,453	35,785	16,746	32,537	22,813	19,775	21,224	21,092	29,514	45,706	42,869	56,213	406,727
	Lbs. Sold													
	Ex-vessel Value (\$)													
AKULE/OPELU	Lbs. Landed	42,894	23,528	39,839	47,250	41,357	56,808	46,853	62,682	33,641	47,478	49,232	35,924	527,486
	Lbs. Sold													
	Ex-vessel Value (\$)													
INSHORE FISH	Lbs. Landed	35,652	27,337	29,073	36,283	37,253	34,969	37,210	40,947	35,934	50,138	39,015	33,579	437,390
	Lbs. Sold													
	Ex-vessel Value (\$)													
ALL OTHER	Lbs. Landed	34,760	29,330	39,386	39,794	37,305	28,533	37,085	35,901	33,205	38,616	36,236	38,902	429,053
	Lbs. Sold													
	Ex-vessel Value (\$)													
TOTAL	Lbs. Landed	2,825,116	2,653,892	2,544,758	3,050,109	3,264,666	2,798,204	3,331,174	2,864,088	2,219,536	2,482,162	2,545,142	3,129,507	33,708,354
	Lbs. Sold													
	Ex-vessel Value (\$)													

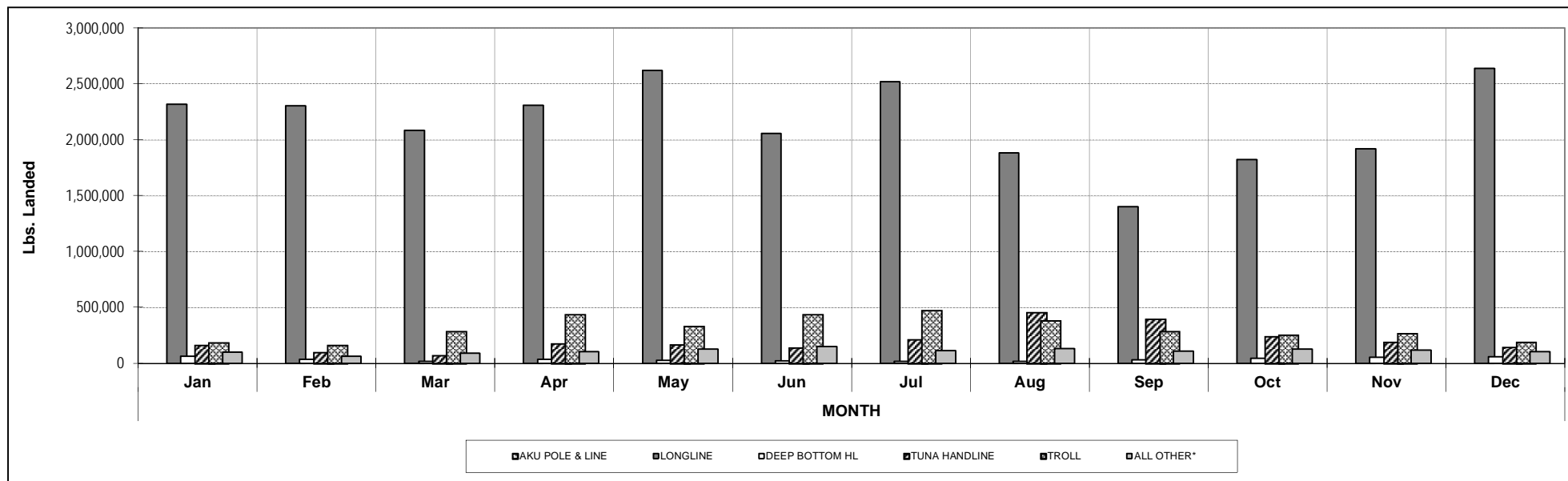
CHART B.2
SEA LANDINGS BY SPECIES GROUPS ANNUAL 5 - YEAR TRENDS, 2008 - 2012



<i>Calendar Year</i>		YEAR				
SPECIES GROUP		2008	2009	2010	2011	2012
TUNA	<i>Lbs. Landed</i>	18,913,600	15,234,681	17,244,785	19,990,624	21,407,322
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
BILL & SWORDFISH	<i>Lbs. Landed</i>	6,405,717	5,967,146	4,812,696	5,602,336	4,497,917
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
MISC. PELAGIC	<i>Lbs. Landed</i>	4,851,225	5,231,012	5,416,074	5,168,115	6,002,459
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
DEEP BOTTOMFISH	<i>Lbs. Landed</i>	482,911	511,244	446,339	358,462	406,727
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
AKULE/OPELU	<i>Lbs. Landed</i>	620,760	628,642	855,318	600,526	527,486
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
INSHORE FISH	<i>Lbs. Landed</i>	310,464	329,816	471,000	424,681	437,390
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
ALL OTHER	<i>Lbs. Landed</i>	511,845	491,586	417,339	425,401	429,053
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TOTAL	<i>Lbs. Landed</i>	32,096,522	28,394,127	29,663,551	32,570,145	33,708,354
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					

¹ Honolulu Consumer Price Index (all wage earners)

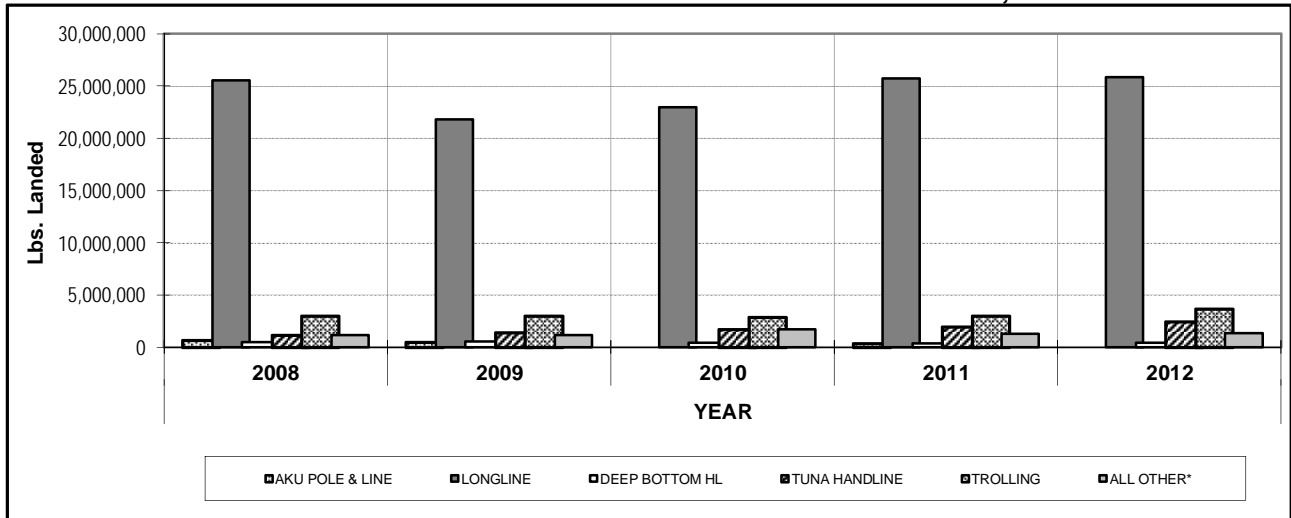
**CHART C.1
SEA LANDINGS BY FISHING METHOD ANNUAL MONTHLY TRENDS, 2012**



Calendar Year 2012		MONTH												YEAR TOTAL
METHOD		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
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>	2,316,695	2,301,023	2,084,859	2,305,639	2,617,665	2,056,888	2,517,258	1,879,504	1,400,657	1,821,038	1,918,792	2,638,861	25,858,879
DEEP BOTTOM HL	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	63,056	33,244	18,454	35,268	26,627	20,815	18,400	17,273	28,112	44,784	54,791	56,326	417,150
TUNA HANDLINE	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	159,952	95,957	69,949	172,639	163,635	136,508	209,149	456,152	394,658	237,229	190,418	143,373	2,429,619
TROLL	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	185,676	159,396	284,070	434,604	332,514	435,264	473,437	380,884	285,945	252,240	265,754	188,812	3,678,596
ALL OTHER*	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	99,737	64,272	87,426	101,959	124,225	148,729	112,930	130,275	110,164	126,871	115,387	102,135	1,324,110
TOTAL	<i>Lbs. Landed</i> <i>Lbs. Sold</i> <i>Ex-vessel Value (\$)</i>	2,825,116	2,653,892	2,544,758	3,050,109	3,264,666	2,798,204	3,331,174	2,864,088	2,219,536	2,482,162	2,545,142	3,129,507	33,708,354

*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, 2008 - 2012**

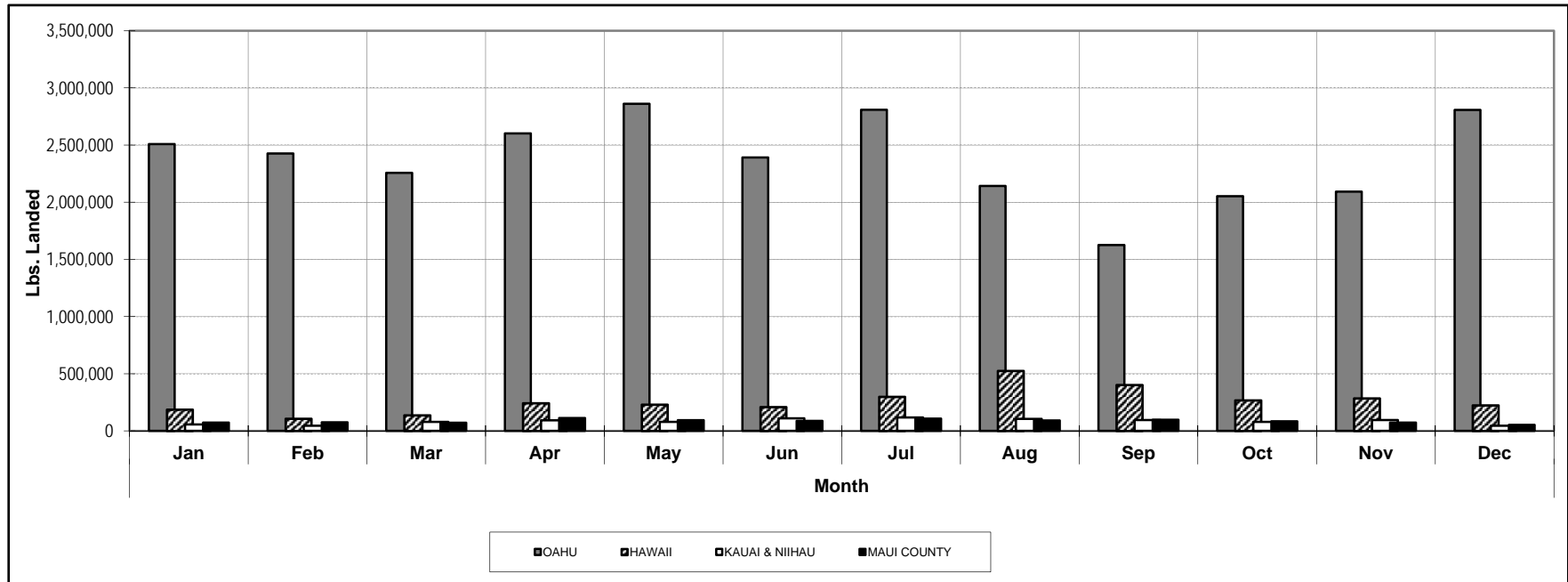


<i>Calendar Year</i>		<i>YEAR</i>				
FISHING METHOD		2008	2009	2010	2011	2012
AKU POLE & LINE	<i>Lbs. Landed</i>	702,193	506,695	*	347,898	*
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
LONGLINE	<i>Lbs. Landed</i>	25,526,754	21,765,961	22,961,691	25,710,602	25,858,879
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
DEEP BOTTOM HL	<i>Lbs. Landed</i>	504,235	523,245	450,838	338,023	417,150
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TUNA HANDLINE	<i>Lbs. Landed</i>	1,187,099	1,426,270	1,683,782	1,937,263	2,429,619
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TROLLING	<i>Lbs. Landed</i>	3,021,153	2,990,568	2,872,314	2,979,997	3,678,596
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
ALL OTHER*	<i>Lbs. Landed</i>	1,155,088	1,181,388	1,694,926	1,256,362	1,324,110
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TOTAL	<i>Lbs. Landed</i>	32,096,522	28,394,127	29,663,551	32,570,145	33,708,354
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					

¹ Honolulu Consumer Price Index (all wage earners)

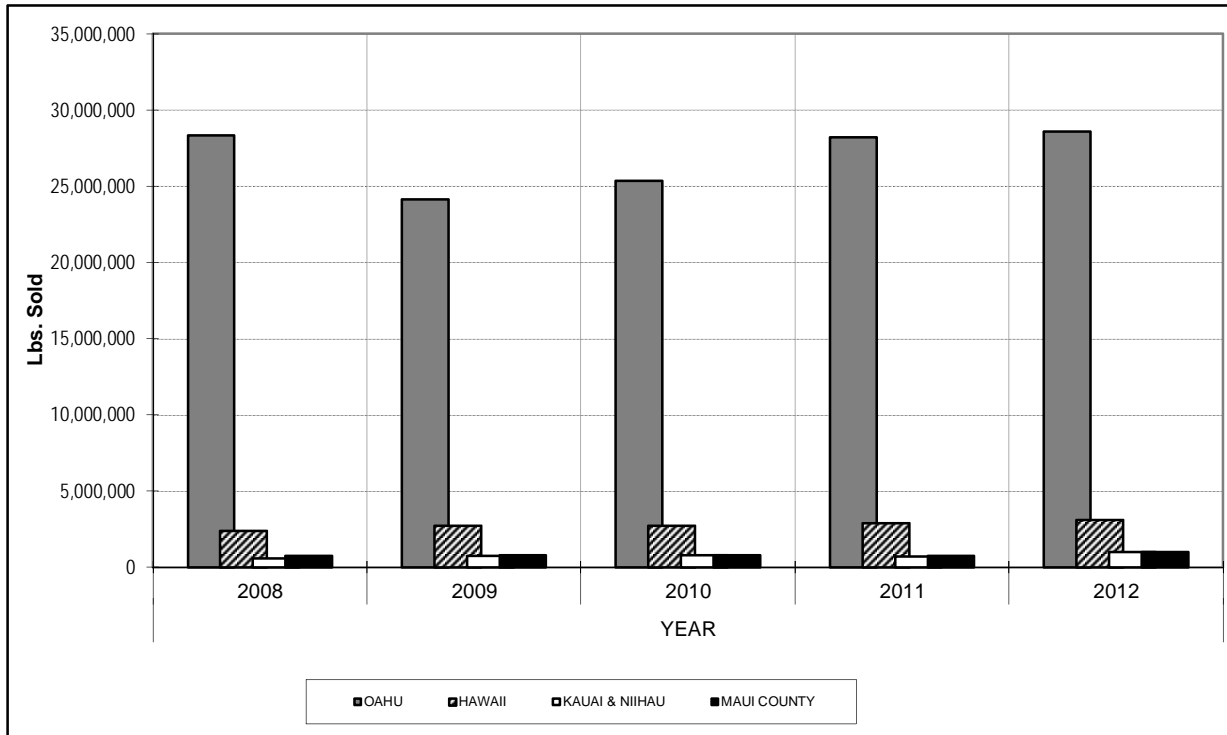
*Due to low level of fishermen reporting and to preserve confidentiality, data for these methods are pooled under "ALL OTHER" group.

**CHART D.1
SEA LANDINGS BY PORT ANNUAL MONTHLY TRENDS, 2012**



Calendar Year 2012		Month												TOTAL
PORT		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
OAHU	Lbs. Landed	2,508,597	2,426,555	2,256,592	2,601,384	2,861,268	2,390,982	2,807,905	2,142,260	1,625,842	2,052,129	2,091,867	2,807,504	28,572,885
	Lbs. Sold													
	Ex-vessel Value (\$)													
HAWAII	Lbs. Landed	187,026	107,053	136,889	242,562	230,540	209,155	298,509	524,867	401,568	267,003	285,404	224,344	3,114,920
	Lbs. Sold													
	Ex-vessel Value (\$)													
KAUAI & NIIHAU	Lbs. Landed	57,015	45,314	79,285	93,035	79,349	110,363	117,357	105,288	95,035	78,712	94,673	45,084	1,000,510
	Lbs. Sold													
	Ex-vessel Value (\$)													
MAUI COUNTY	Lbs. Landed	72,478	74,970	71,992	113,128	93,509	87,704	107,403	91,673	97,091	84,318	73,198	52,575	1,020,039
	Lbs. Sold													
	Ex-vessel Value (\$)													
TOTAL	Lbs. Landed	2,825,116	2,653,892	2,544,758	3,050,109	3,264,666	2,798,204	3,331,174	2,864,088	2,219,536	2,482,162	2,545,142	3,129,507	33,708,354
	Lbs. Sold													
	Ex-vessel Value (\$)													

**CHART D.2
SEA LANDINGS BY PORT ANNUAL 5-YEAR TRENDS, 2008- 2012**



<i>Calendar Year</i>		<i>YEAR</i>				
PORT		2008	2009	2010	2011	2012
OAHU	<i>Lbs. Landed</i>	28,332,983	24,126,347	25,326,810	28,218,659	28,572,885
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
HAWAII	<i>Lbs. Landed</i>	2,400,741	2,722,596	2,732,295	2,885,270	3,114,920
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
KAUAI & NIIHAU	<i>Lbs. Landed</i>	594,863	767,071	799,710	716,510	1,000,510
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
MAUI COUNTY	<i>Lbs. Landed</i>	767,935	778,113	804,736	749,706	1,020,039
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					
TOTAL	<i>Lbs. Landed</i>	32,096,522	28,394,127	29,663,551	32,570,145	33,708,354
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)¹</i>					

¹ Honolulu Consumer Price Index (all wage earners)

APPENDICES
Statistical Tables
Calendar 2012

Appendix A - Sea Landings by Species

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)	SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
TUNAS				AKULE/OPELU			
Aku	901,655			Akule	270,004		
Bigeye	14,318,575			Hahalalu	10,209		
Bluefin	1,226			Opelu	247,123		
Kawakawa	6,912			Opelu Mama	150		
Keokeo	100			SUBTOTAL	527,486		
Tombo	1,985,953			JACKS			
Yellowfin	4,190,340			Barred-jack ²	---		
Unclassified	2,561			Butaguchi	990		
SUBTOTAL	21,407,322			Dobe	7,876		
BILLFISHES & SWORDFISH				Gunkan	806		
Black marlin	9,098			Kagami	551		
Blue marlin	994,685			Kamanu	3,833		
Sailfish	22,432			Lae	459		
Shortbill spearfish	404,732			Menpachi (sasa)	790		
Striped marlin	686,835			No-bite ²	---		
Swordfish	2,379,133			Omaka	29		
Unclassified	1,002			Omilu	8,278		
SUBTOTAL	4,497,917			Paopao	878		
MISC. PELAGIC FISHES				Papa	11,350		
Kaku	20,389			White	20,592		
Mahimahi	2,080,741			Unclass./misc. ²	27		
Malolo ²	--			SUBTOTAL	56,459		
Mola Mola	141			INSHORE FISHES			
Monchong	776,833			<i>Parrotfishes</i>			
Ono	826,935			Panuhunuhu	116		
Opah	1,660,230			Panunu	313		
Walū	637,179			Uhu	84,054		
SUBTOTAL	6,002,448			<i>Goatfishes</i>			
DEEP BOTTOMFISHES				Kumu	8,469		
Alfonsin	26			Malu	348		
Aweoweo (Deepsea)	153			Moano	5,832		
Ehu	28,066			Moana kali	2,608		
Golden kale	257			Munu	866		
Hapuupuu	10,769			Weke nono	7,145		
Hauliuli	10			Weke pueo	140		
Hogo	1,989			Weke, red	22,793		
Kahala	17,596			Weke, white	6,251		
Kalekale	13,388			Weke (unclass.)	662		
Lehi	10,051			<i>Surgeonfishes</i>			
Opakapaka	109,371			Api	116		
Randall snapper ²	9			Black kole	196		
Taape	33,062			Kala	42,442		
Ukikiki (gindai)	3,836			Kalalei	3,923		
Uku	116,852			Kole	4,183		
Ulaula (onaga)	61,229			Maiko	4,821		
Yellow-tail kale	63			Manini	14,709		
SUBTOTAL	406,727			Naenae	9,101		
				Opelu kala	5,329		

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	42,200		
Pakuikui	315			Hammerhead	846		
Pala ²	---			Mako	139,756		
Palani	36,276			Oceanic whitetip	1,245		
Pualu	12,790			Thresher	38,232		
<i>Damselfishes</i>				Unclass/misc	3,149		
Kupipi	145			SUBTOTAL	225,428		
Maomao	2,901			LOBSTERS			
<i>Squirrelfishes</i>				Ula, Green spiny	7,709		
Alaihi	662			Ula, Red spiny	2,025		
Pauu ²	---			Haanii (slipper)	31		
Uu	53,439			Squammosus	29		
Uukanipo	80			Slipper (unclass./misc.)	24		
<i>Wrasses</i>				SUBTOTAL	9,818		
Aawa	4,806			CRABS			
Hinalea	47			Kona	8,216		
Kupoupou	26			Kuahonu	19,374		
Laenihi	2,786			Moala ²	---		
Poou	54			Samoan	1,723		
Unclass./misc.	331			Crab (unclass./misc.) ²	---		
<i>Miscellaneous Inshore Fishes</i>				SUBTOTAL	29,313		
Ahaaha	932			SHRIMP			
Aholehole	1,834			Ensifer ²	---		
Amaama	8,522			Laevigatus	11,750		
Awa	2,250			SUBTOTAL	11,750		
Awaawa	1,522			OTHER ANIMALS			
Aweoweo	3,056			Hee (day tako)	34,663		
Gold spot herring ²	---			Hee pu loa (night tako) ²	---		
Hihimanu ²	---			He'e (unclass./misc.) ²	900		
Humuhumu	969			Muhee (squid)	3,546		
Iheihe	153			Opihi makaiauli	1,657		
Kawelea	3,365			Opihi 'alina	15,251		
Loulou	2,709			Opihi (unclass.) ²	---		
Makiawa ²	---			SUBTOTAL	56,017		
Moi	660			SHELLS			
Mu	5,777			SUBTOTAL	na		
Nenu	31,267			SEaweeds			
Nohu	1,856			Limu kohu	5,055		
Nunu	215			Limu ogo	892		
Oio	14,139			Limu wawaeiole	15,916		
Oopuhue	1,071			Unclass./misc.	811		
Pakii	11			SUBTOTAL	22,674		
Poopaa	769			CORALS			
Puhi (brown)	1,134			Black ²	---		
Puhi (white)	264			SUBTOTAL	---		
Puhi (misc.)	160			Unclass./misc. ²			
Roi	4,633				20,097		
Saba ²	---			TOTAL	33,708,354		
Tilapia	2,132						
Toau	6,189						
Uouoa	200						
Wahanui	34						
SUBTOTAL	434,898						

Appendix B - Sea Landings by Fishing Method

FISHING METHOD	LBS. LANDED	LBS. SOLD	VALUE(\$)
Aku pole & line ³	--		
Longline	25,858,879		
Deepbottom handline	417,150		
Inshore handline	299,690		
Tuna handline	2,429,619		
Other handline	4,437		
Trolling	3,678,596		
Diving	266,116		
Net	456,538		
Trap	69,138		
Rod & reel (casting, dunking, etc.)	71,787		
Handpick (limu & opihii)	40,546		
Unclass./Misc. ³	115,858		
TOTAL	33,708,354		

Appendix C - Sea Landings by Island

ISLAND	LBS. LANDED	LBS. SOLD	VALUE(\$)
Oahu	28,572,885		
Hawaii	3,114,920		
Maui	972,822		
Kauai & Niihau	1,000,510		
Molokai	40,308		
Lanai	6,909		
STATE TOTAL	33,708,354		

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)	82,268		
Kaulakahi Channel (521,525)	47,179		
Niihau (505-506,526,527)	107,052		
Makahuena Pt. - Kekaha (500,520)	357,743		
Barking Sands - Na Pali Coast (501-502,522)	32,852		
Hanalei - Moloa'a Bay (503,523)	97,494		
Anahola - Nawiliwili (504,524)	209,280		
Sand Is. - Ala Wai (400,420)	44,326		
Pearl Harbor - Barbers Pt. (401,421)	174,463		
Barbers Pt. - Kaena Pt. (402-403,422-423)	624,132		
Kaena Pt. - Kahuku (404-405,424-425)	347,661		
Laie Pt. - Kahana Bay (406-426)	203,296		
Kaneohe Bay (407,427)	228,415		
Kailua Bay - Makapuu Pt. (408,428)	45,318		
Makapuu Pt. - Diamond Head (409)	21,362		

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

AREA (area catch code)	LBS. LANDED	LBS. SOLD	VALUE(\$)
Kawai (Molokai) Channel (332,429)	24,374		
Penguin Bank (331)	144,954		
Kealaikahiki Channel (327)	36,448		
Alenuihaha Channel (324-325)	120,913		
Auau, Kalohi & Pailolo Channels (321)	34,042		
Alalakeiki Channel (320)	110,068		
Molokai (310-314,333)	41,987		
Lanai (308-309,328)	117,741		
Kahoolawe (306-307,326)	127,785		
Makena - Hana (304-305)	23,339		
Hana - Kahului (302-303,322-323)	242,300		
Honolua - Lahaina (301)	4,240		
Lahaina - Makena (300)	71,801		
Milolii - South Pt. (100,108,120,128)	305,830		
Punaluu - Kalapana (107,127)	136,895		
Kona Coast (101,121)	1,475,292		
Keahole - Kawaihae (102,122)	229,747		
Kohala - Hamakua Coast (103-104,123-124)	44,804		
Hilo (105,125)	361,817		
Puna - Kalapana (106,126)	367,655		
Other (all other area codes from Fisheries Chart No. 1 not listed above)	303,618		
SUBTOTAL	6,948,491		
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	--		
SUBTOTAL	--		
Other areas (not in Fisheries Charts 1 & 2) (other mid-ocean and missing area fished codes)			
	26,759,863		
TOTAL	33,708,354		

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	SS	TT	UU	VV	XX	ZZ
Aku	--	1,724	5,911	10,158	2,727	12,334	10,089	3,255	2,619	1,360	**	**	1,020	356	548	**	--
Bigeye	--	458	5,263	3,130	128	7,428	3,015	25,236	756	1,236	--	**	1,452	669	680	--	--
Keokeo	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**	--	--
Kawakawa	--	--	--	--	**	--	--	--	--	--	--	--	--	**	--	--	--
Tombo	**	4,415	30,297	688	**	3,336	85	**	783	--	**	--	1,791	3,553	21,516	--	--
Yellowfin	--	17,639	37,844	15,811	4,321	28,359	16,876	14,478	15,175	7,622	3,836	4,890	27,887	4,944	8,074	193	--
Black marlin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Blue marlin	--	**	3,699	730	**	3,612	3,370	982	731	2,937	--	--	4,002	**	848	--	--
Sailfish	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**	**	--
Shortbill spearfish	--	--	260	**	--	434	**	**	--	271	--	--	**	--	**	--	--
Striped marlin	--	--	243	--	--	--	--	--	--	**	--	--	--	--	**	--	--
Swordfish	--	--	--	**	--	--	--	--	1,142	--	--	--	--	--	**	--	--
Mahimahi	**	1,137	3,033	11,857	5,322	3,386	23,709	51,924	9,575	4,246	758	2,943	2,972	948	2,176	6,139	--
Monchong	--	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ono	--	310	1,628	1,524	714	780	678	1,732	2,600	1,032	--	**	1,022	254	514	846	**
Walu	--	--	--	--	--	--	**	--	--	--	**	--	--	--	--	--	--
Kahala	--	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Taape	--	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--	--
Uku	--	--	**	--	**	--	**	**	--	--	--	--	--	--	--	--	--
Akule	--	--	**	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Opelu	--	--	**	--	--	**	--	--	--	--	--	--	--	--	**	--	--
Kamanu	--	--	--	**	--	**	**	52	--	--	**	**	**	--	--	--	--
Opelu Kala	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**	--
White Ulua	--	--	**	**	--	--	--	--	--	--	--	--	**	--	--	--	--
Kawalea	--	--	--	**	**	--	--	--	--	--	--	--	--	--	--	--	--
Squid	--	**	--	--	--	**	**	**	**	--	--	--	--	--	**	--	--
Thresher	--	--	--	--	--	--	--	--	**	--	--	--	--	--	--	--	--
Unclass./Misc.**	--	1,654	1,108	359	554	17	507	200	247	--	216	6,350	603	--	1,947	--	--
TOTAL	**	27,337	89,286	44,257	13,766	59,686	58,329	97,859	33,628	18,704	4,810	14,183	40,749	10,724	36,303	7,178	**

Oahu FADs																
SPECIES	J	P	R	S	T	U	V	X	BO	CO	HH	II	LL	MM		
Aku	5,071	975	1,019	1,319	769	208	3,409	12,003	1,673	3,827	868	1,096	48,431	38,994		
Bigeye	105	**	--	**	280	767	**	327	**	**	--	**	8,862	13,855		
Kawakawa	**	96	48	**	29	--	156	24	**	--	--	--	--	--		
Tombo	--	--	**	--	--	--	--	--	--	--	--	--	--	--		
Yellowfin	40,492	677	5,293	7,306	2,795	2,583	1,668	15,581	17,122	5,515	2,872	5,944	44,624	26,543		
Black marlin	--	--	--	**	--	--	--	--	--	**	--	--	**	--		
Blue marlin	2,425	**	7,959	5,071	1,034	--	1,159	**	4,092	1,048	**	**	2,284	3,378		
Sailfish	--	--	202	**	--	--	--	--	--	--	--	--	--	--		
Shortbill spearfish	--	--	711	253	**	--	**	**	250	**	97	--	186	151		
Striped marlin	306	--	2,257	1,260	--	--	**	**	406	**	448	--	**	**		
Kaku	**	**	**	31	--	--	292	--	**	--	**	**	**	--		
Mahimahi	17,775	2,504	5,477	4,957	5,745	3,029	2,773	20,186	9,068	6,603	9,722	7,759	15,454	14,348		
Ono	1,254	372	394	759	510	116	552	666	1,260	371	835	267	1,050	919		
Akule	--	--	**	**	--	--	--	--	--	--	--	--	--	--		
Uku	--	--	--	--	--	--	**	--	--	--	--	--	--	--		
Opelu	**	--	3,089	1,922	--	--	5,399	--	--	**	--	**	--	--		
Kamanu	--	--	--	--	--	--	**	--	--	--	--	--	--	--		
White ulua	--	--	**	--	--	--	151	--	--	--	--	--	**	--		
Unclass./Misc.**	196	261	228	820	--	--	1,299	378	75	889	652	274	312	--		
TOTAL	67,624	4,885	26,677	23,698	11,162	6,703	16,858	49,165	33,946	18,253	15,494	15,340	121,203	98,188		

**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

SPECIES	K	M	N	Q	CC	DD	FF	GG	HO	HS	JJ	LA	MC	NL	SO
Aku	28	3,595	--	3,073	1,069	31	2,080	**	5,243	298	8,938	**	1,835	--	--
Bigeye	**	11,098	**	1,236	591	887	3,429	**	3,749	610	20,535	**	2,428	--	--
Kawakawa	**	--	--	--	--	--	--	**	--	--	--	--	--	--	--
Yellowfin	101	19,481	**	3,396	3,432	--	14,950	1,536	8,754	4,273	69,862	--	12,282	1,040	**
Tuna (misc.)	--	--	--	--	--	--	--	--	--	--	--	--	**	--	--
Black marlin	--	--	--	--	--	--	--	--	--	--	**	--	--	--	--
Blue marlin	**	--	--	**	**	**	343	--	442	--	2,445	--	--	--	--
Shortbill spearfish	--	--	--	**	**	--	--	--	--	--	**	--	**	--	--
Striped marlin	--	435	--	**	--	--	--	**	--	--	**	--	--	--	--
Kaku	--	--	--	--	--	--	--	**	--	--	--	--	--	--	--
Mahimahi	372	21,717	3,090	13,284	2,843	7,223	13,288	618	12,262	584	13,741	1,352	24,814	4,595	120
Ono	**	1,014	247	1,253	**	1,552	1,128	67	1,101	--	783	**	229	223	--
Uku	--	**	--	--	--	--	--	--	--	--	--	--	--	--	--
Opelu	--	--	--	--	--	--	--	--	--	--	--	**	--	--	--
Kamanu	--	--	--	**	--	--	--	--	--	--	--	--	--	--	--
Unclass./Misc.**	403	--	--	1,085	--	--	--	573	--	--	1,185	325	--	--	--
TOTAL	904	57,340	3,337	23,327	7,935	9,693	35,218	2,794	31,551	5,765	117,489	1,677	41,588	5,858	120

Kauai FADs

SPECIES	Z	AA	BB	CK	DK	EK	KK	PP	WK
Aku	1,389	1,153	785	2,039	366	291	4,602	384	2,808
Bigeye	**	287	**	1,407	**	**	8,710	550	451
Kawakawa	--	--	**	--	--	**	**	--	**
Tombo	--	--	**	--	--	--	--	--	--
Yellowfin	6,707	8,943	26,866	50,633	5,182	23,569	46,732	9,406	28,434
Tuna (misc.)	--	--	--	--	**	--	--	--	--
Blue marlin	**	**	796	641	--	**	2,496	--	**
Shortbill spearfish	**	--	--	**	--	**	**	--	**
Swordfish	**	--	--	--	--	--	--	--	**
Kaku	**	--	--	**	--	--	**	--	**
Mahimahi	1,751	1,851	2,188	3,755	971	1,180	3,622	1,883	1,649
Ono	334	733	690	1,523	97	759	4,373	433	1,366
Kahala	--	--	--	--	--	**	**	--	--
Uku	--	--	--	**	--	--	--	--	--
White papio	--	--	--	**	--	--	--	--	--
Squid	**	--	**	159	--	--	--	--	**
Unclass./Misc.**	1,000	--	2,418	826	--	5,084	161	--	793
TOTAL	11,181	12,967	33,743	60,983	6,616	30,883	70,696	12,656	35,501

Other FADs

SPECIES	MO	W1	W2	W3	W4	W8
Aku	547	--	--	380	**	--
Bigeye	**	--	--	17,030	**	2,611
Yellowfin	4,125	--	--	2,711	**	**
Tuna (misc)	**	--	--	--	--	--
Blue marlin	**	--	--	--	--	--
Shortbill spearfish	**	--	--	**	--	--
Kaku	--	--	--	**	--	--
Mahimahi	2,769	**	**	6,226	--	2,874
Ono	**	--	--	196	--	**
Walu	--	--	--	--	**	--
Mako	--	--	--	--	**	--
Unclass./Misc.**	986	--	--	--	--	--
TOTAL	8,427	**	**	26,543	**	5,485

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

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

Island	FAD	Location	# Mon. on Station	Fishing Method											
				Trolling			Tuna Handline			Aku boat			Other		
				Lbs.	# Trips	Lbs./ Trip	Lbs.	# Trips	Lbs./ Trip	Lbs.	# Trips	Lbs./ Trip	Lbs.	# Trips	Lbs./ Trip
Hawaii	A	South Pt.	12.0	**			**								
	B	Miloli'i	9.9	4,264	77	55.4	22,334	100	223.3				739	5	147.8
	C	Loa Pt.	12.0	27,008	302	89.4	60,944	309	197.2				1,336	28	47.7
	D	Kumukahi	12.0	27,722	121	229.1	16,535	68	243.2						
	E	Leleiwi	10.9	10,934	106	103.2	2,762	20	138.1				**		
	F	Kailua-Kona	12.0	40,324	323	124.8	18,582	111	167.4				780	10	78.0
	G	Pepe'ekeo	12.0	48,827	236	206.9	7,755	54	143.6				1,747	8	218.4
	HK	Hakalau	12.0	93,391	177	527.6	4,368	21	208.0				**		
	KH	Kahena	11.1	22,647	143	158.4	10,946	59	185.5						
	OT	Waikoloa Pt.	12.0	17,957	197	91.2	667	3	222.3				179	4	44.8
	RN	Palima Pt.	12.0	630	10	63.0	4,154	19	218.6				**		
	SS	Apua Pt.	10.0	6,504	24	271.0	**								
	TT	Kanewa'a	12.0	20,295	104	195.1	20,123	69	291.6				331	3	110.3
	UU	Auau	12.0	3,822	70	54.6	7,745	33	234.7				36	3	12.0
	VV	Kahalu'u	12.0	3,101	107	29.0	30,188	143	211.1				3,014	30	100.5
XX	Puako	10.0	7,203	45	160.1							**			
ZZ	Waima Pt.	2.8	**												
Oahu	J	Waiale'e	12.0	64,951	367	177.0	1,437	7	205.3				**		
	P	Penguin Banks	12.0	4,885	52	93.9									
	R	Makaha	12.0	23,097	247	93.5			**			3,515	32	109.8	
	S	Pokai Bay	9.1	21,098	269	78.4			**			2,551	30	85.0	
	T	Makapu'u	12.0	11,129	105	106.0			**			**			
	U	Kane'ohe	12.0	6,628	75	88.4			**			**			
	V	Makua	12.0	9,957	150	66.4			**			6,641	49	135.5	
	X	Kahuku	12.0	38,025	222	171.3			**		**	525	4	131.3	
	BO	Barbers Pt.	12.0	32,864	380	86.5					**				
	CO	Ka'ena Pt.	7.6	17,559	143	122.8						694	6	115.7	
	HH	Pearl Harbor	12.0	15,494	171	90.6									
	II	Hale'iwa	10.3	15,271	111	137.6						**			
	LL	Hau'ula	12.0	67,237	341	197.2	6,489	26	249.6		**	3,297	17	193.9	
	MM	Mokapu Pt.	12.0	53,029	389	136.3	3,852	27	142.7		**	1,579	15	105.3	

***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
Maui County	K	Palaoa	7.4	904	53	17.1									
	M	Hana Bay	12.0	53,339	189	282.2		**							
	N	Cape Halawa	8.4	3,361	31	108.4									
	Q	Pauwela Pt.	12.0	23,327	150	155.5		**							
	CC	Ka'ena Pt.	12.0	8,621	50	172.4		**						**	
	DD	Opana Pt.	12.0	9,994	104	96.1		**						**	
	FF	Pukaulua Pt.	12.0	34,836	118	295.2		**						**	
	GG	Nakaohu Pt.	7.9	2,778	53	52.4								**	
	HO	Ho'olawa Pt.	12.0	31,569	206	153.2									
	HS	Halona	5.3	5,765	48	120.1								**	
	JJ	Kamohio	12.0	114,305	370	308.9	2,190	7	312.9					**	
	LA	Lahaina	10.9	1,642	88	18.7								**	
	MC	Palaoa	12.0	39,971	326	122.6		**						**	
	NL	Nu'u	7.7	5,858	45	130.2									
	SO	Kahoolawe	1.7	236	8	29.5									
Kauai	Z	Kipukai	11.1	9,489	122	77.8	1,631	11	148.3					**	
	AA	Port Allen	11.2	11,467	147	78.0	1,818	9	202.0					**	
	BB	Moloka'a	12.0	25,912	144	179.9	7,831	19	412.2					**	
	CK	Makahu'ena Pt.	9.8	27,319	250	109.3	32,822	63	521.0				842	8	105.3
	DK	Anahola	9.1	6,843	74	92.5		**							
	EK	Hanalei	7.6	16,988	99	171.6	13,895	45	308.8						
	KK	Waimea	12.0	66,220	165	401.3	4,295	7	613.6					**	
	PP	Koloa	8.4	12,626	102	123.8		**							
	WK	Wailua	8.4	24,506	257	95.4	10,995	38	289.3					**	