

COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT

CALENDAR YEAR 1997

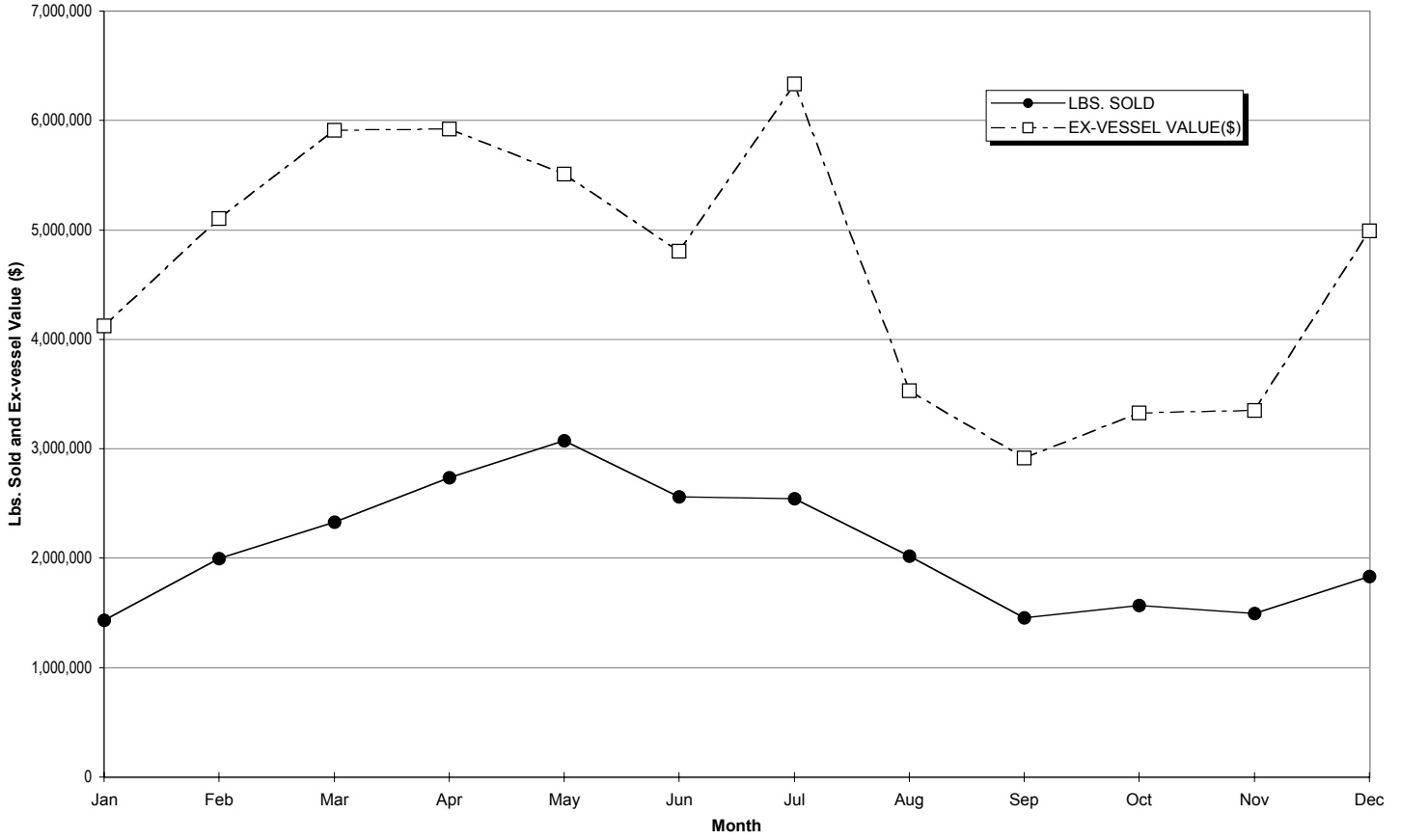


**DIVISION OF AQUATIC RESOURCES
DEPARTMENT OF LAND AND NATURAL RESOURCES
STATE OF HAWAII**

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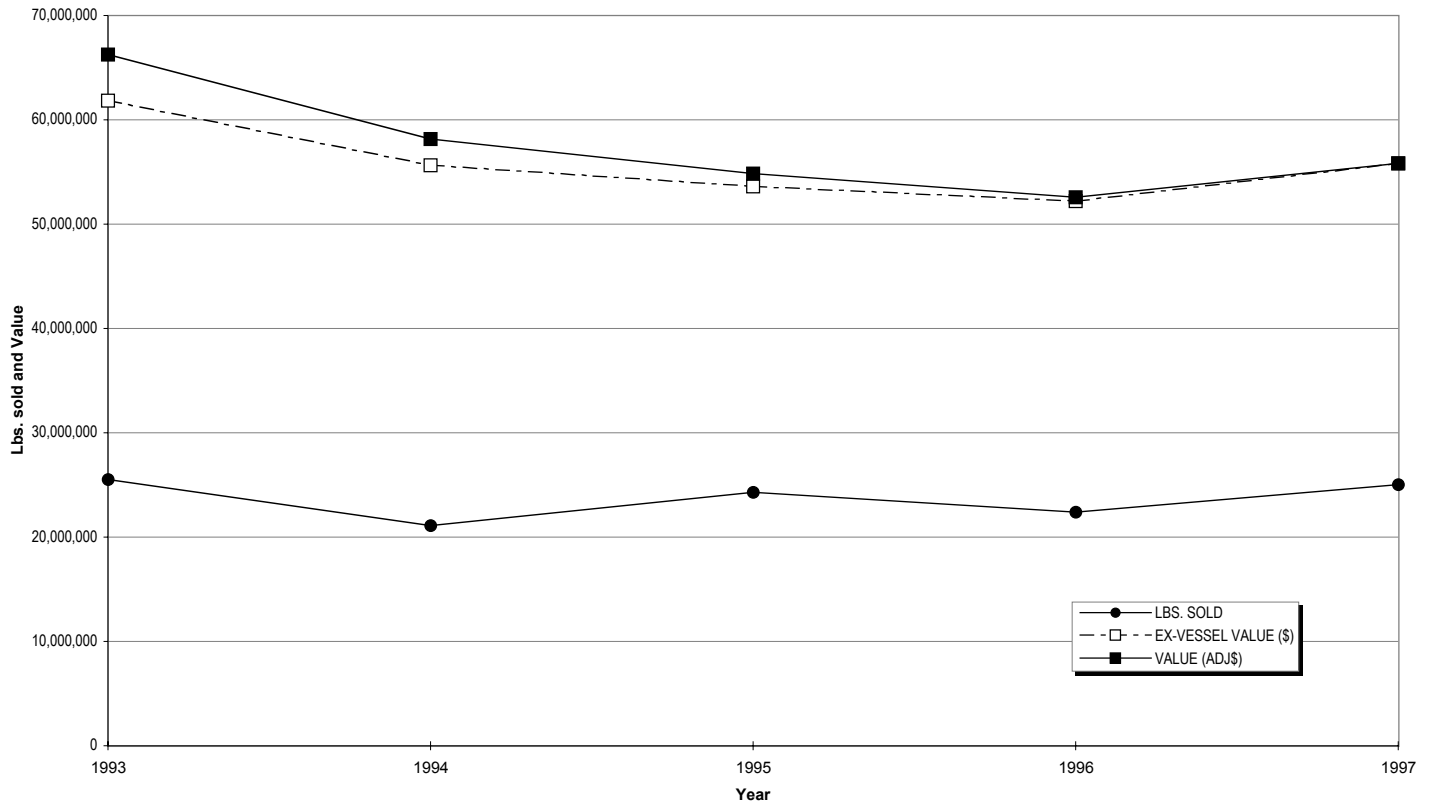
**CHART A.1
TOTAL SEA LANDINGS ANNUAL MONTHLY TRENDS, 1997**



MONTH	LBS. SOLD	EX-VESSEL VALUE(\$)
<i>Jan</i>	1,432,756	4,125,619
<i>Feb</i>	1,995,851	5,106,234
<i>Mar</i>	2,330,702	5,914,144
<i>Apr</i>	2,735,413	5,925,371
<i>May</i>	3,072,155	5,510,524
<i>Jun</i>	2,561,556	4,804,617
<i>Jul</i>	2,542,994	6,336,608
<i>Aug</i>	2,019,682	3,530,745
<i>Sep</i>	1,452,724	2,913,747
<i>Oct</i>	1,568,575	3,326,583
<i>Nov</i>	1,494,071	3,349,593
<i>Dec</i>	1,831,792	4,992,659
TOTAL	25,038,271	55,836,445

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

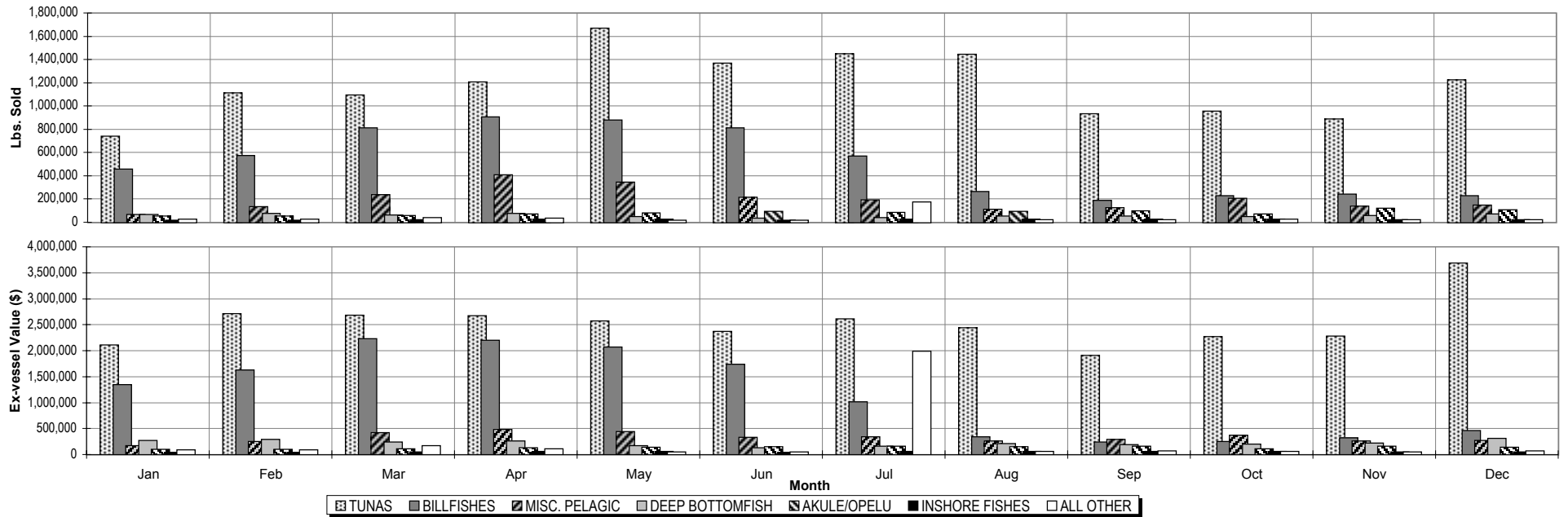
CHART A.2
TOTAL SFA I ANDINGS ANNUAL 5 - YEAR TRENDS 1993 - 1997



YEAR	LBS. SOLD	EX-VESSEL VALUE (\$)	HCPI ^{1/}	VALUE (ADJ\$)
1993	25,523,387	61,842,170	160.7	66,267,714
1994	21,114,027	55,649,443	164.7	58,183,571
1995	24,309,882	53,638,118	168.4	54,848,479
1996	22,400,361	52,210,294	171.0	52,576,682
1997	25,038,271	55,836,445	172.2	55,836,445

^{1/} Honolulu Consumer Price Index (all wage earners)

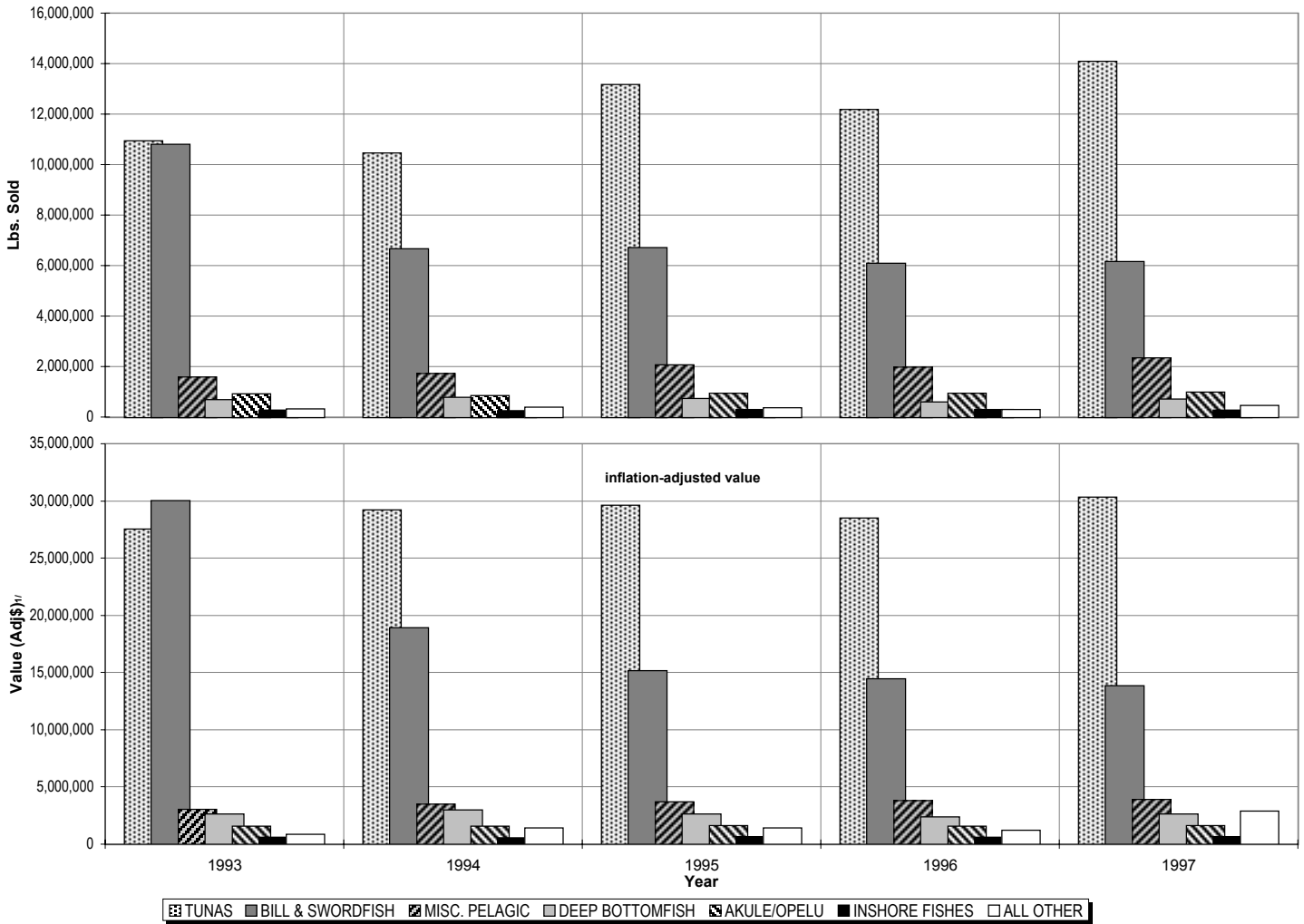
**CHART B.1
SEA LANDINGS BY SPECIES GROUP ANNUAL MONTHLY TRENDS, 1997**



Calendar Year		MONTH												YEAR
SPECIES GROUP		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
TUNA	Lbs. Sold	738,952	1,111,003	1,094,726	1,207,119	1,671,047	1,368,785	1,449,962	1,445,406	934,100	957,587	888,917	1,223,655	14,091,259
	Ex-vessel Value (\$)	2,105,596	2,708,790	2,680,498	2,675,671	2,577,151	2,368,050	2,612,156	2,445,818	1,906,634	2,267,423	2,277,886	3,684,765	30,310,440
BILLFISH	Lbs. Sold	459,259	574,973	813,706	906,517	878,499	811,518	571,578	266,683	187,578	228,492	241,332	230,513	6,170,648
	Ex-vessel Value(\$)	1,346,925	1,626,444	2,236,061	2,204,432	2,067,558	1,734,242	1,017,787	343,737	238,771	248,390	326,164	467,189	13,857,700
MISC. PELAGIC	Lbs. Sold	69,537	134,496	236,670	408,242	346,530	215,216	193,057	113,002	127,587	204,647	140,403	149,488	2,338,875
	Ex-vessel Value(\$)	172,277	251,679	420,071	482,105	438,174	335,285	337,817	258,039	289,756	368,180	262,386	270,723	3,886,493
DEEP BOTTOMFISH	Lbs. Sold	67,683	78,482	63,040	77,828	48,584	37,214	39,725	53,230	53,735	51,318	58,574	73,799	703,212
	Ex-vessel Value (\$)	269,710	291,300	241,446	257,425	171,878	129,926	157,564	206,455	190,072	198,288	220,493	309,930	2,644,488
AKULE/OPELU	Lbs. Sold	52,008	51,638	58,895	73,471	81,585	92,386	86,924	92,229	100,081	73,619	120,845	107,144	990,825
	Ex-vessel Value (\$)	98,372	100,540	115,385	130,834	142,768	147,643	157,886	151,259	160,825	114,892	162,330	137,692	1,620,427
INSHORE FISH	Lbs. Sold	18,191	16,714	23,860	27,021	26,607	17,937	25,567	25,989	25,628	26,123	22,430	23,506	279,573
	Ex-vessel Value (\$)	44,673	39,261	54,616	60,745	59,181	37,822	58,428	63,742	62,015	64,550	49,747	52,358	647,137
ALL OTHER	Lbs. Sold	27,126	28,545	39,805	35,215	19,303	18,500	176,181	23,143	24,015	26,789	21,570	23,687	463,879
	Ex-vessel Value (\$)	88,065	88,221	166,067	114,158	53,815	51,648	1,994,970	61,695	65,674	64,860	50,586	70,002	2,869,761
TOTAL	Lbs. Sold	1,432,756	1,995,851	2,330,702	2,735,413	3,072,155	2,561,556	2,542,994	2,019,682	1,452,724	1,568,575	1,494,071	1,831,792	25,038,271
	Ex-vessel Value (\$)	4,125,619	5,106,234	5,914,144	5,925,371	5,510,524	4,804,617	6,336,608	3,530,745	2,913,747	3,326,583	3,349,593	4,992,659	55,836,445

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

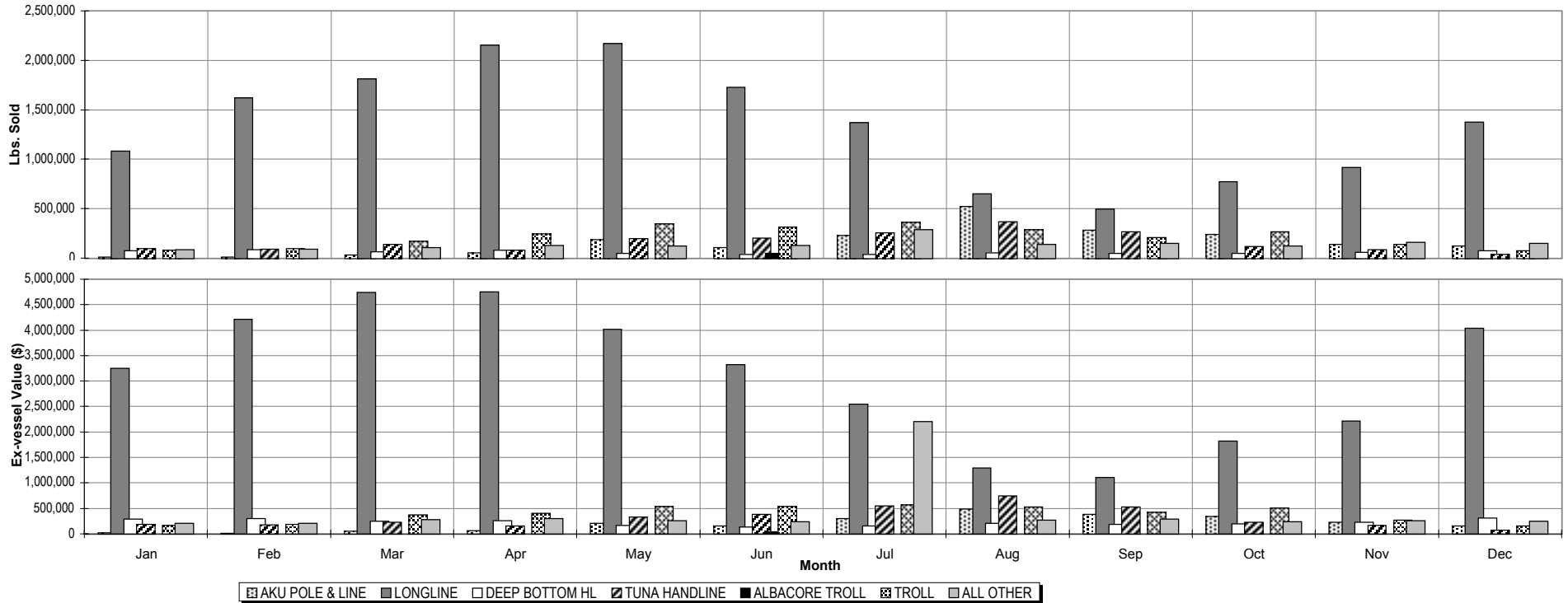
**CHART B.2
SEA LANDINGS BY SPECIES GROUPS ANNUAL 5 - YEAR TRENDS. 1993 - 1997**



Calendar Year		YEAR				
SPECIES GROUP		1993	1994	1995	1996	1997
TUNA	Lbs. Sold	10,946,858	10,466,103	13,167,633	12,195,306	14,091,259
	Value (Adj\$) ^{1/}	27,567,885	29,203,552	29,640,774	28,501,548	30,310,440
BILL & SWORDFISH	Lbs. Sold	10,807,734	6,659,186	6,714,425	6,084,519	6,170,648
	Value (Adj\$) ^{1/}	30,034,356	18,919,133	15,183,640	14,431,558	13,857,700
MISC. PELAGIC	Lbs. Sold	1,580,110	1,716,476	2,079,479	1,987,146	2,338,875
	Value (Adj\$) ^{1/}	3,023,392	3,502,345	3,722,708	3,821,114	3,886,493
DEEP BOTTOMFISH	Lbs. Sold	678,555	771,678	737,685	603,447	703,212
	Value (Adj\$) ^{1/}	2,639,140	2,978,796	2,626,068	2,390,863	2,644,488
AKULE/OPELU	Lbs. Sold	919,175	861,834	942,989	931,780	990,825
	Value (Adj\$) ^{1/}	1,575,740	1,587,393	1,626,224	1,581,253	1,620,427
INSHORE FISH	Lbs. Sold	276,854	251,860	295,479	290,777	279,573
	Value (Adj\$) ^{1/}	586,279	560,360	644,045	608,296	647,137
ALL OTHER	Lbs. Sold	314,101	386,890	372,192	307,386	463,879
	Value (Adj\$) ^{1/}	840,921	1,431,991	1,405,020	1,242,050	2,869,761
TOTAL	Lbs. Sold	25,523,387	21,114,027	24,309,882	22,400,361	25,038,271
	Value (Adj\$) ^{1/}	66,267,714	58,183,571	54,848,479	52,576,682	55,836,445

^{1/} Honolulu Consumer Price Index (all wage earners)

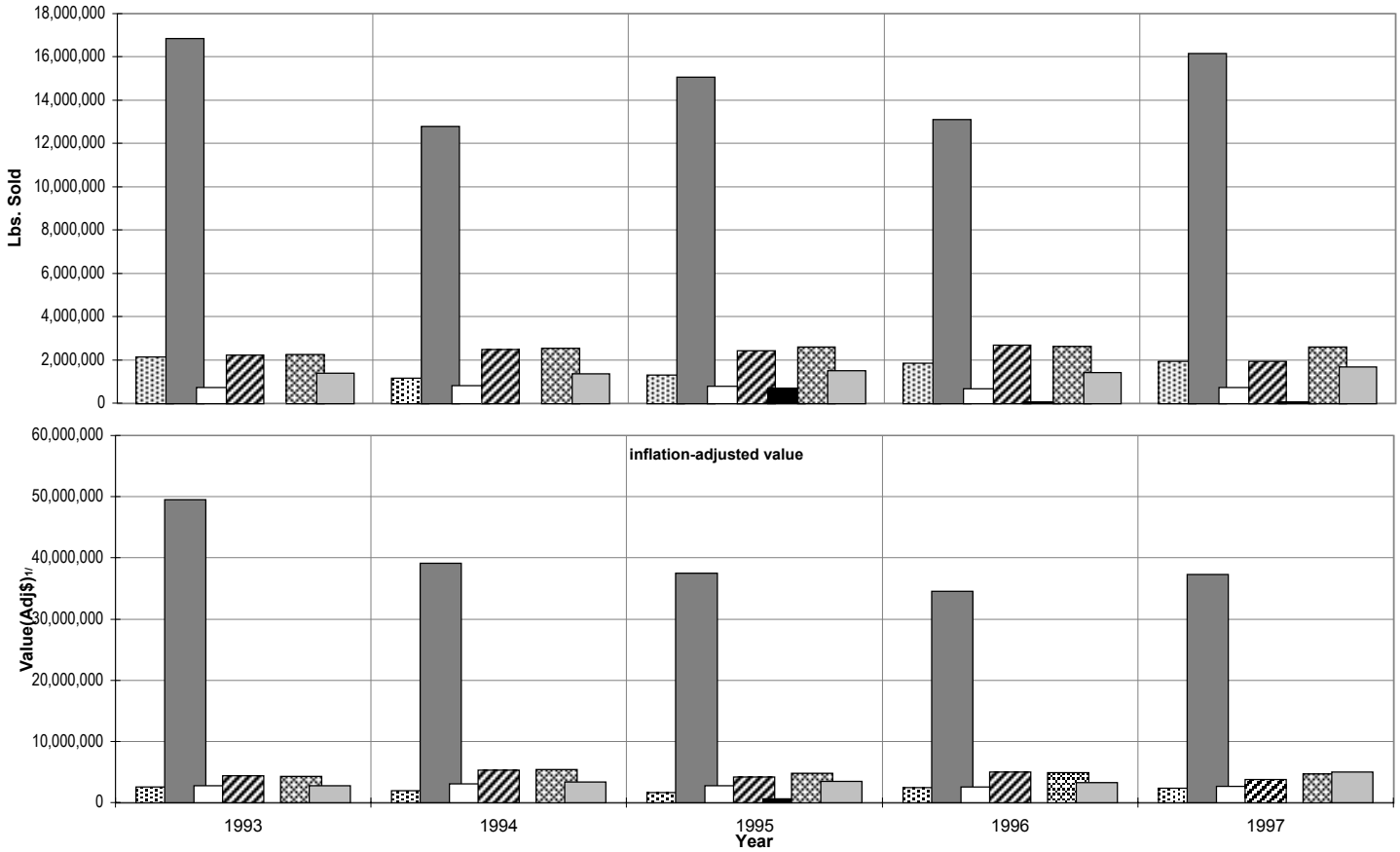
CHART C.1
SEA LANDINGS BY FISHING METHOD ANNUAL MONTHLY TRENDS, 1997



Calendar Year		MONTH												YEAR
METHOD		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
AKU POLE & LINE	Lbs. Sold	10,922	11,973	33,450	51,997	186,545	104,210	231,228	524,626	282,626	240,111	138,976	120,657	1,937,321
	Ex-vessel Value (\$)	16,145	15,468	55,137	59,441	203,943	158,030	296,670	486,696	381,193	337,359	225,263	157,896	2,393,239
LONGLINE	Lbs. Sold	1,081,544	1,621,891	1,811,850	2,154,049	2,171,611	1,724,870	1,372,212	650,971	497,815	771,557	915,476	1,377,279	16,151,125
	Ex-vessel Value (\$)	3,250,338	4,213,175	4,741,306	4,749,135	4,020,557	3,323,701	2,549,910	1,293,954	1,111,184	1,820,000	2,218,170	4,036,765	37,328,195
DEEP BOTTOM HL	Lbs. Sold	76,130	83,509	65,615	77,372	46,430	39,705	37,370	51,405	49,603	50,610	59,291	73,749	710,789
	Ex-vessel Value (\$)	290,852	304,014	248,451	254,672	169,818	131,388	156,521	207,495	186,998	197,459	224,687	312,037	2,684,392
TUNA HANDLINE	Lbs. Sold	98,601	93,252	139,962	78,896	196,254	200,223	254,331	365,487	266,624	119,416	82,737	38,083	1,933,866
	Ex-vessel Value (\$)	191,086	171,189	224,411	155,836	326,261	381,078	552,864	741,874	523,743	226,753	161,288	77,296	3,733,678
ALBACORE TROLL	Lbs. Sold	0	0	0	0	0	50,199	0	0	0	0	0	0	50,199
	Ex-vessel Value (\$)	0	0	0	0	0	40,000	0	0	0	0	0	0	40,000
TROLL	Lbs. Sold	78,254	97,166	172,930	242,720	346,291	316,832	361,925	286,953	207,492	264,575	138,402	74,966	2,588,506
	Ex-vessel Value (\$)	166,836	190,396	370,134	404,446	535,022	535,552	572,943	527,225	424,057	504,298	265,033	158,376	4,654,319
ALL OTHER	Lbs. Sold	87,305	88,060	106,895	130,379	125,024	125,517	285,928	140,240	148,564	122,306	159,189	147,058	1,666,465
	Ex-vessel Value (\$)	210,362	211,993	274,706	301,841	254,924	234,869	2,207,700	273,502	286,572	240,714	255,152	250,289	5,002,622
TOTAL	Lbs. Sold	1,432,756	1,995,851	2,330,702	2,735,413	3,072,155	2,561,556	2,542,994	2,019,682	1,452,724	1,568,575	1,494,071	1,831,792	25,038,271
	Ex-vessel Value (\$)	4,125,619	5,106,234	5,914,144	5,925,371	5,510,524	4,804,617	6,336,608	3,530,745	2,913,747	3,326,583	3,349,593	4,992,659	55,836,445

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

**CHART C.2
SEA LANDINGS FISHING METHOD ANNUAL 5 - YEAR TRENDS, 1993 - 1997**

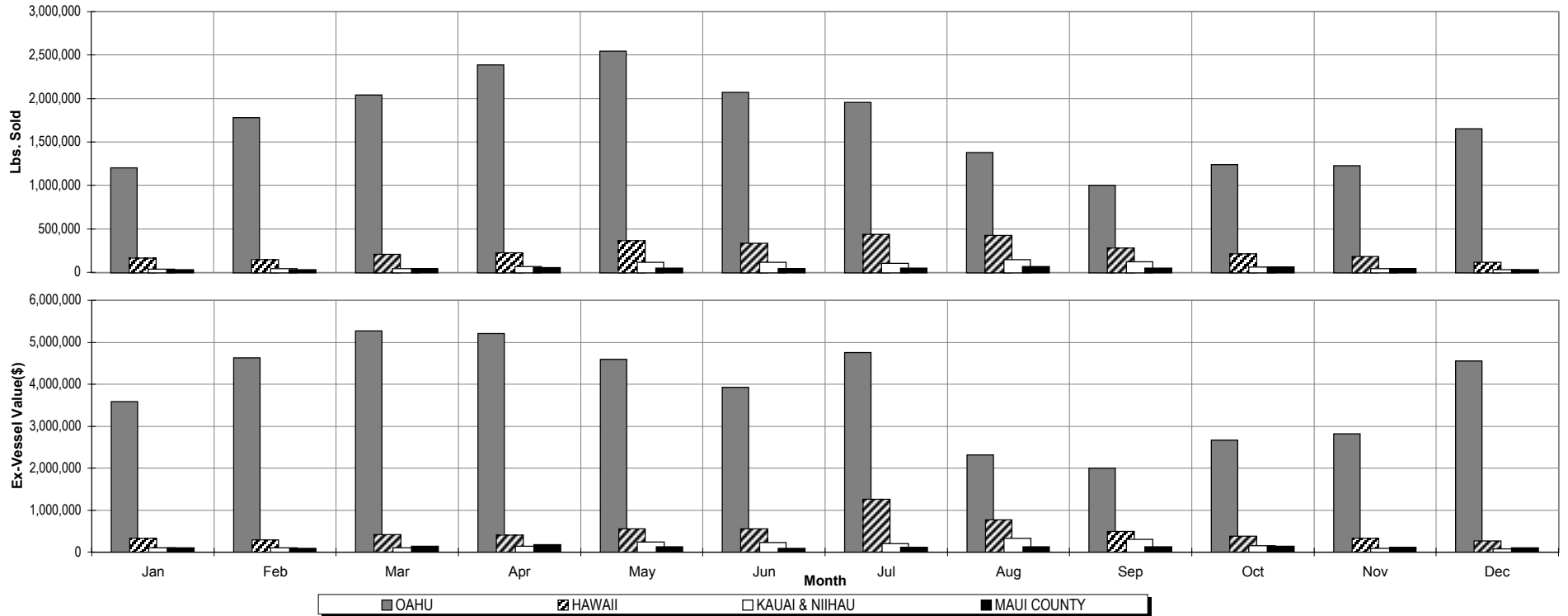


AKU POLE & LINE
 LONGLINE
 DEEP BOTTOM HL
 TUNA HANDLINE
 ALBACORE
 TROLLING
 ALL OTHER

Calendar Year 1997		YEAR				
FISHING METHOD		1993	1994	1995	1996	1997
AKU POLE & LINE	Lbs. Sold	2,129,190	1,154,463	1,290,663	1,839,376	1,937,321
	Value (Adj\$) ^{1/}	2,587,740	1,918,362	1,584,602	2,405,282	2,393,239
LONGLINE	Lbs. Sold	16,840,917	12,785,022	15,054,409	13,112,692	16,151,125
	Value (Adj\$) ^{1/}	49,515,236	39,112,826	37,472,840	34,500,138	37,328,195
DEEP BOTTOM HL	Lbs. Sold	712,055	813,231	775,930	657,613	710,789
	Value (Adj\$) ^{1/}	2,750,002	3,092,573	2,740,548	2,515,929	2,684,392
TUNA HANDLINE	Lbs. Sold	2,217,905	2,468,598	2,417,788	2,677,846	1,933,866
	Value (Adj\$) ^{1/}	4,364,285	5,314,496	4,201,350	4,997,915	3,733,678
ALBACORE	Lbs. Sold	0	0	685,386	62,004	50,199
	Value (Adj\$) ^{1/}	0	0	567,412	49,951	40,000
TROLLING	Lbs. Sold	2,242,243	2,529,544	2,592,193	2,629,935	2,588,506
	Value (Adj\$) ^{1/}	4,275,501	5,377,464	4,800,523	4,852,635	4,654,319
ALL OTHER	Lbs. Sold	1,381,077	1,363,169	1,493,513	1,420,895	1,666,465
	Value (Adj\$) ^{1/}	2,774,951	3,367,851	3,481,204	3,254,832	5,002,622
TOTAL	Lbs. Sold	25,523,387	21,114,027	24,309,882	22,400,361	25,038,271
	Value (Adj\$) ^{1/}	66,267,714	58,183,571	54,848,479	52,576,682	55,836,445

^{1/} Honolulu Consumer Price Index (all wage earners)

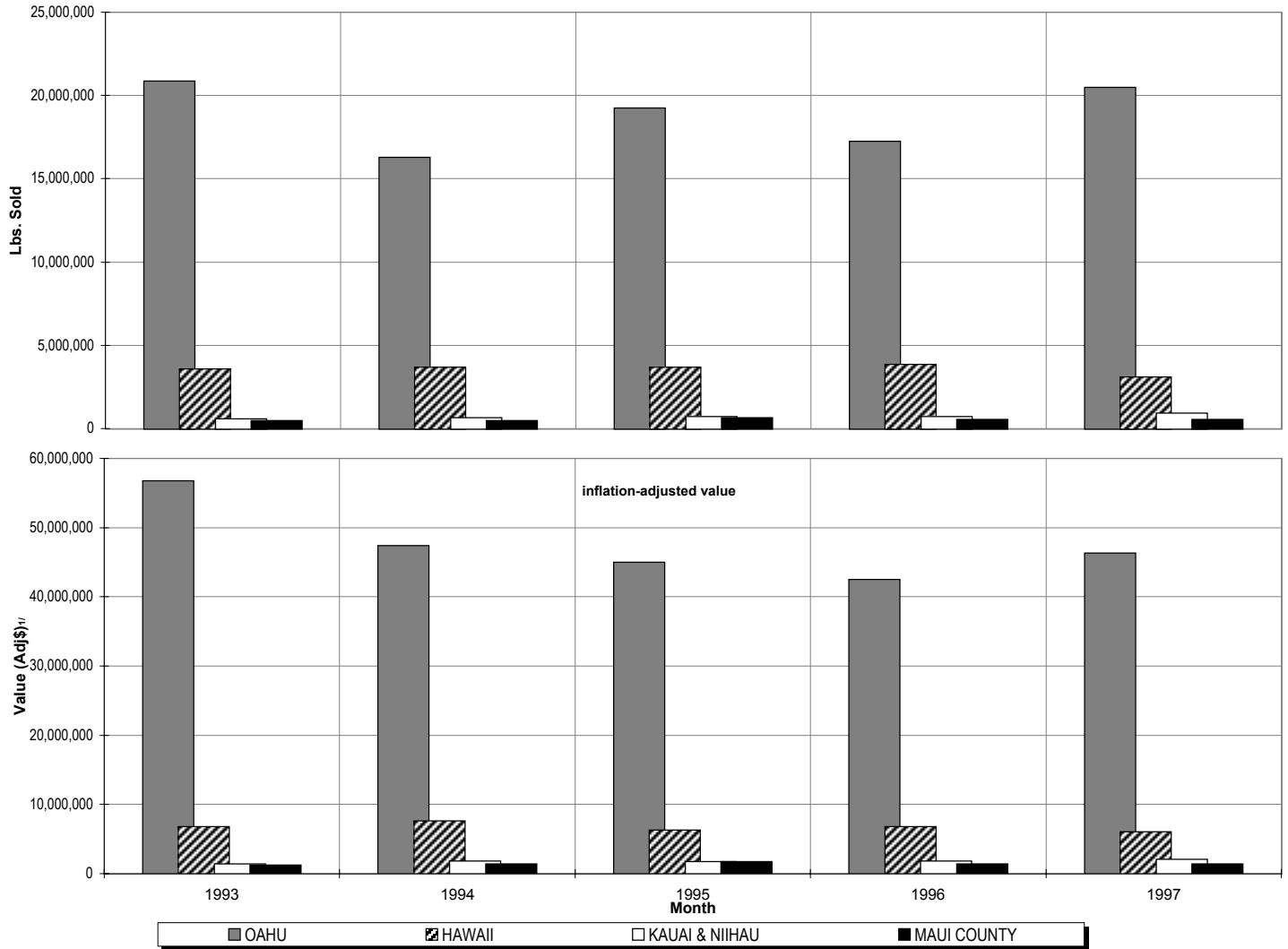
**CHART D.1
SEA LANDINGS BY PORT ANNUAL MONTHLY TRENDS, 1997**



Calendar Year		1997												TOTAL
PORT		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
OAHU	Lbs. Sold	1,203,125	1,780,176	2,039,289	2,389,260	2,543,289	2,068,134	1,955,071	1,380,751	1,002,594	1,238,305	1,225,292	1,650,652	20,475,938
	Ex-vessel Value (\$)	3,590,837	4,625,061	5,265,378	5,203,391	4,586,873	3,930,615	4,756,624	2,316,990	1,994,432	2,672,850	2,822,698	4,550,411	46,316,160
HAWAII	Lbs. Sold	161,586	144,313	209,139	224,403	362,652	334,137	436,362	426,183	281,190	210,561	179,886	116,687	3,087,099
	Ex-vessel Value (\$)	331,461	288,977	409,186	407,023	559,313	554,548	1,263,362	762,084	487,903	376,444	328,045	261,995	6,030,342
KAUAI & NIIHAU	Lbs. Sold	38,140	42,655	42,034	65,145	117,194	114,172	105,759	145,018	122,426	59,777	44,102	31,949	928,371
	Ex-vessel Value (\$)	100,404	104,487	99,103	141,041	235,526	227,539	201,503	324,741	307,167	145,179	87,173	79,993	2,053,855
MAUI COUNTY	Lbs. Sold	29,905	28,707	40,240	56,605	49,020	45,113	45,802	67,730	46,514	59,932	44,791	32,504	546,863
	Ex-vessel Value (\$)	102,917	87,710	140,477	173,915	128,812	91,915	115,120	126,930	124,246	132,110	111,676	100,260	1,436,088
TOTAL	Lbs. Sold	1,432,756	1,995,851	2,330,702	2,735,413	3,072,155	2,561,556	2,542,994	2,019,682	1,452,724	1,568,575	1,494,071	1,831,792	25,038,271
	Ex-vessel Value (\$)	4,125,618	5,106,234	5,914,144	5,925,371	5,510,524	4,804,617	6,336,609	3,530,745	2,913,748	3,326,583	3,349,592	4,992,659	55,836,445

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

**CHART D.2
SEA LANDINGS BY PORT ANNUAL 5 YEAR TRENDS, 1993 - 1997**



Calendar Year		YEAR				
PORT		1993	1994	1995	1996	1997
OAHU	Lbs. Sold	20,876,539	16,278,084	19,258,413	17,255,874	20,475,938
	Value (Adj\$) ^{1/}	56,775,327	47,386,167	45,016,366	42,496,984	46,316,160
HAWAII	Lbs. Sold	3,564,744	3,688,803	3,677,749	3,856,572	3,087,099
	Value (Adj\$) ^{1/}	6,831,575	7,633,284	6,306,622	6,792,447	6,030,341
KAUAI & NIIHAU	Lbs. Sold	599,932	660,621	722,434	732,898	928,371
	Value (Adj\$) ^{1/}	1,419,770	1,793,567	1,774,458	1,843,608	2,053,856
MAUI COUNTY	Lbs. Sold	482,172	486,519	651,286	555,017	546,863
	Value (Adj\$) ^{1/}	1,241,043	1,370,554	1,751,034	1,443,643	1,436,087
TOTAL	Lbs. Sold	25,523,387	21,114,027	24,309,882	22,400,361	25,038,271
	Value (Adj\$) ^{1/}	66,267,714	58,183,571	54,848,479	52,576,682	55,836,445

^{1/} Honolulu Consumer Price Index (all wage earners)

APPENDIX
Statistical Tables
Calendar 1997

Appendix A - Sea Landings by Species

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)	SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
TUNAS				JACKS			
Aku	2,503,482	2,399,021	2,987,911	Butaguchi	60,819	56,679	84,858
Tombo	3,217,506	3,198,620	3,781,980	Dobe	190	190	269
Bigeye	4,364,595	4,304,749	13,378,937	Gunkan	874	766	1,242
Bluefin	8,844	8,844	129,573	Kamanu	3,674	2,926	3,953
Kawakawa	8,798	6,236	7,386	Kihikihi	806	593	875
Yellowfin	4,258,213	4,134,801	9,939,805	Menpachi (sasa)	583	419	1,016
Miscellaneous	49,945	38,988	84,848	Omaka	157	152	451
SUBTOTAL	14,411,383	14,091,259	30,310,440	Omilu	2,659	2,136	3,578
BILLFISHES & SWORDFISH				Papa	6,813	6,406	12,918
Black marlin	14,798	13,660	19,810	White	7,994	7,307	7,630
Blue marlin	1,560,588	1,409,817	1,326,584	Ulua/papio (misc.)	41,294	34,031	67,939
Sailfish	21,526	20,617	21,918	SUBTOTAL	125,863	111,605	184,729
Shortbill spearfish	219,103	206,593	192,582	INSHORE FISHES			
Striped marlin	799,455	775,083	993,755	<i>Parrotfishes</i>			
Swordfish	3,749,464	3,744,368	11,302,658	Panuhunuhu	1,464	1,452	3,983
Miscellaneous	1,269	510	393	Panunu	15	13	45
SUBTOTAL	6,366,203	6,170,648	13,857,700	Uhu	33,983	31,936	74,188
MISC. PELAGIC FISHES				<i>Goatfishes</i>			
Kaku	26,552	24,977	18,164	Kumu	5,116	4,714	30,087
Keokeo	99	29	33	Malu	274	262	965
Mahimahi	967,103	902,540	1,649,159	Moano	4,869	3,915	13,229
Malolo	5	3	3	Moana kali	3,880	3,681	25,943
Monchong	143,617	142,230	215,460	Munu	197	177	1,196
Ono	698,092	628,206	1,261,140	Weke	32,181	31,087	54,152
Opah	645,575	640,520	742,256	Weke pueo	27	4	12
Walu	370	370	277	Weke ula	26,366	23,420	69,078
SUBTOTAL	2,481,413	2,338,875	3,886,493	<i>Surgeonfishes</i>			
DEEP BOTTOMFISHES				Kala	12,911	12,135	13,769
Alfonsin	26	26	83	Kole	3,074	2,103	3,873
Ehu	41,853	39,047	149,379	Lauwiliwili	1	0	0
Golden kale	134	128	336	Maiii	1	1	1
Hapuupuu	74,174	70,221	220,004	Maiko	3,252	3,223	1,982
Hogo	3,574	3,364	14,006	Manini	15,062	14,254	31,224
Kahala	12,156	416	574	Naenae	5,975	5,944	5,295
Kalekale	29,535	27,187	75,543	Opelu kala	2,545	2,049	1,900
Lehi	12,337	11,738	35,924	Pakuikui	310	295	429
Opakapaka	257,870	247,553	1,110,670	Palani	35,363	34,522	43,575
Randall Snapper	18	8	15	Pualu	5,867	5,747	7,538
Taape	85,394	74,396	70,173	<i>Damselfishes</i>			
Ukikiki (gindai)	8,355	7,206	19,406	Kupipi	176	168	283
Uku	105,930	100,916	300,871	Maomao	1,776	1,739	3,213
Ulaula (onaga)	126,201	121,006	647,505	<i>Squirrelfishes</i>			
SUBTOTAL	757,557	703,212	2,644,488	Alaihi	192	180	409
AKULE/OPELU				Uu	52,169	48,601	149,479
Akule	738,176	666,850	1,090,359	Uukanipo	146	130	275
Hahalalu	39,833	37,988	61,695	<i>Wrasses</i>			
Opelu	302,451	285,987	468,373	Aawa	3,159	2,886	3,275
Opelu Mama	25	0	0	Ea	200	184	207
SUBTOTAL	1,080,485	990,825	1,620,427	Hilu	31	31	22
				Hinalea	233	203	140
				Kupoupou	15	15	33
				Laenihi	5,736	3,523	19,857
				Opule	7	7	10
				Poou	34	12	20

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
INSHORE FISHES(cont.)			
<i>Miscellaneous Inshore Fishes</i>			
Ahaaha	190	176	212
Aholehole	4,473	4,006	10,098
Amaama	6,735	6,108	17,421
Awa	1,053	917	1,338
Awaawa	259	241	267
Aweoweo	5,583	5,175	13,435
Humuhumu	255	37	115
Iheihe	2	0	0
Kawelea	2,945	2,608	3,983
Lae	924	791	1,135
Makiawa	20	20	50
Moi	1,406	884	3,777
Mu	2,278	2,121	5,076
Nenue	7,514	6,783	8,229
Nohu	613	580	1,509
Nunu	127	103	122
Oiilepa	2,374	2,210	4,319
Oio	2,643	1,997	2,348
Pakii	48	47	45
Poopaa	817	779	1,740
Puhi (white)	183	174	209
Puhi (misc.)	699	655	461
Roi	429	361	750
Saba	73	72	155
Summer Mullet	31	31	88
Tilapia	905	574	669
Toau	2,676	2,601	7,899
Uouoa	710	709	1,786
Upapalu	28	26	38
Wahanui	209	174	178
SUBTOTAL	302,809	279,573	647,137
SHARKS			
Mako	35,071	32,761	35,020
Mano kihikihi	371	0	0
Thresher	24,539	22,494	20,365
Tiger	508	293	79
Miscellaneous	7,499	2,630	2,542
SUBTOTAL	67,988	58,178	58,006
LOBSTERS			
Ula (spiny)	100,998	98,970	1,395,909
Ula (slipper)	72,953	72,798	679,360
SUBTOTAL	173,951	171,768	2,075,269
CRABS			
Aama	598	503	3,347
Kona	30,188	24,015	113,056
Kuahonu	13,464	12,856	42,209
Samoan	7	0	0
Crab (misc.)	222	127	545
SUBTOTAL	44,479	37,501	159,157

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
SHRIMP			
Ensifer	2,190	1,920	2,400
Laevigatus	32,711	32,037	197,803
Opae	160	160	800
SUBTOTAL	35,061	34,117	201,003
OTHER ANIMALS			
Hee (octopus)	24,238	17,235	48,524
Lole (sea cucumber)	111	111	792
Muhee	5,730	4,227	6,935
Opihi	10,979	9,542	34,628
Pupu	11	11	33
Wana	16	0	0
SUBTOTAL	41,085	31,126	90,912
SEAWEEDS			
Limu kohu	3,551	3,512	30,204
Limu manaua	505	505	1,515
Limu ogo	1,783	1,281	3,935
Limu wawaeiole	1,668	1,630	1,808
Miscellaneous	890	529	1,736
SUBTOTAL	8,397	7,457	39,198
CORALS			
Black	1,520	415	10,394
SUBTOTAL	1,520	415	10,394
Miscellaneous	11,942	11,712	51,093
TOTAL	25,910,136	25,038,271	55,836,445

Appendix B - Pond Harvest by species

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
Ahaaha	14	14	17
Aholehole	296	296	1,067
Amaama	89	89	338
Awa	68	68	107
Awaawa	133	133	207
Kaku	631	631	2,362
Kawalea	13	13	16
Kupipi	3	3	2
Lae	50	50	48
Moi	1,210	1,210	7,057
Oio	1,815	1,815	2,744
Ulua/papio (misc.)	931	931	2,292
Pualu	547	547	817
Summer mullet	56	56	160
Taape	6	6	6
Tilapia	10	10	15
Toau	691	691	2,672
Samoan crab	217	217	1,076
Limu (misc.)	18,200	18,200	36,500
Miscellaneous	2,124	2,124	6,366
TOTAL	27,104	27,104	63,866

Appendix C - Total Commercial Marine Landings

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
GRAND TOTAL	25,937,240	25,065,375	55,900,311

Appendix D - Sea Landings by Fishing Method

FISHING METHOD	LBS.	LBS.	VALUE(\$)
	LANDED	SOLD	
Aku pole & line	1,947,437	1,937,321	2,393,239
Longline	16,256,436	16,151,125	37,328,195
Deepbottom handline	756,527	710,789	2,684,392
Inshore handline	530,337	474,475	1,008,239
Tuna handline	1,989,082	1,933,866	3,733,678
Other handline	2,862	2,839	5,430
Trolling	3,086,550	2,588,506	4,654,319
Diving	78,464	63,923	198,708
Net	901,463	821,147	1,318,142
Trap	285,766	283,097	2,384,886
Rod & reel (casting, dunking, etc.)	4,761	3,288	9,318
Knife - (opihi & wana)	10,944	9,507	34,416
Handpick - limu	8,397	7,457	39,198
Albacore Troll	50,199	50,199	40,000
Miscellaneous	911	732	4,285
TOTAL	25,910,136	25,038,271	55,836,445

Appendix E - Sea Landings by Island

ISLAND	LBS.	LBS.	VALUE(\$)
	LANDED	SOLD	
Oahu	20,778,192	20,475,938	46,316,160
Hawaii	3,312,456	3,087,099	6,030,341
Maui	618,512	475,260	1,203,073
Kauai & Niihau	1,113,864	928,371	2,053,856
Molokai	65,907	57,874	199,353
Lanai	21,205	13,729	33,661
STATE TOTAL	25,910,136	25,038,271	55,836,445

Appendix F - Sea Landings by Area Fished

AREA (area catch code)	LBS.	LBS.	VALUE(\$)
	LANDED	SOLD	
Main Hawaiian Islands (refer to Fisheries Chart No. 1)			
Kaula (508,528)	68,280	64,571	161,584
Kaulakahi Channel (521,525)	37,697	32,723	97,670
Niihau (505-506,526,527)	75,604	70,507	206,746
Makahuena Pt. - Kekaha (500,520)	602,411	511,474	1,039,124
Barking Sands - Na Pali Coast (501-502,522)	36,129	26,366	54,975
Hanalei - Moloa'a Bay (503,523)	102,253	70,050	161,181
Anahola - Nawiliwili (504,524)	303,915	258,108	513,819
Sand Is. - Ala Wai (400,420)	105,128	98,410	164,623
Pearl Harbor - Barbers Pt. (401,421)	297,202	283,072	490,438
Barbers Pt. - Kaena Pt. (402-403,422-423)	936,854	871,579	1,414,018
Kaena Pt. - Kahuku (404-405,424-425)	541,273	514,539	882,912
Laie Pt. - Kahana Bay (406-426)	255,657	247,229	387,677
Kaneohe Bay (407,427)	349,010	338,762	588,280
Kailua Bay - Makapuu Pt. (408,428)	80,561	75,704	162,636
Makapuu Pt. - Diamond Head (409)	28,746	25,142	55,278
Kawai (Molokai) Channel (332,429)	122,128	118,199	231,522

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

AREA (area catch code)	LBS.	LBS.	VALUE(\$)
	LANDED	SOLD	
Penguin Bank (331)	116,392	111,458	468,070
Kealaikahiki Channel (327)	41,770	31,718	103,858
Alenuihaha Channel (324-325)	23,673	18,117	78,138
Auau, Kalohi & Pailolo Channels (321)	69,699	63,052	193,339
Alalakeiki Channel (320)	67,599	46,655	147,933
Molokai (310-314,333)	195,089	180,310	368,076
Lanai (308-309,328)	104,534	76,107	163,563
Kahoolawe (306-307,326)	13,062	8,250	25,505
Makena - Hana (304-305)	85,934	70,647	147,067
Hana - Kahului (302-303,322-323)	219,013	182,595	444,444
Honolua - Lahaina (301)	15,518	13,115	33,652
Lahaina - Makena (300)	111,562	90,574	139,046
Milolii - South Pt. (100,108,120,128)	214,358	198,630	392,244
Punaluu - Kalapana (107,127)	180,820	177,826	336,187
Kona Coast (101,121)	1,278,786	1,155,811	1,730,306
Keahole - Kawaihae (102,122)	208,752	171,397	308,667
Kohala - Hamakua Coast (103-104,123-124)	72,422	69,200	191,007
Hilo (105,125)	392,147	379,518	877,328
Puna - Kalapana (106,126)	464,641	451,552	1,009,425
Other (all other area codes from Fisheries Chart No. 1 not listed above)	1,554,481	1,505,903	2,668,559
SUBTOTAL	9,373,100	8,608,870	16,438,897

Northwestern Hawaiian Islands offshore

- 200 mile EEZ (refer to Fisheries Chart No. 2)			
Nihoa (16223C, 16123A, 16222I)	30,670	28,939	80,310
Twin Bank (16323C, 16223A)	54,865	51,954	187,092
Necker (16423D, 16423E, 16423F, 16423B, 16423C)	97,589	94,615	940,658
French Frigate (16623H, 16623I, 16623F)	16,326	15,550	41,474
Brooks Bank (16624A, 16623G)	30,931	29,828	94,310
St. Rogation (16724F, 16724C)	31,793	29,728	94,560
Gardner Pinnacles (16825C, 16725A, 16824I, 16824F, 16724G, 16724D)	77,118	74,533	631,755
Raita Bank (16925E)	3,138	2,797	9,385
Maro Reef (17025D, 17025E, 17025A, 17025B)	129,911	126,855	810,085
Laysan (17125G, 17125H)	11,309	10,796	38,345
North Hampton (17225E, 17225F, 17225C)	13,242	12,289	40,136
Pioneer Bank (17326B, 17326C, 17325H, 17325I)	10,095	9,859	29,281
Lisianski (17426C, 17326A, 17425I, 17325G)	16,414	14,906	30,656
Other (all other areas codes from Fisheries Chart No. 2 not listed above)	4,704,364	4,696,430	10,612,948
SUBTOTAL	5,227,765	5,199,079	13,640,995
Other areas (not in Fisheries Charts 1 & 2) (other mid-ocean and missing area fished codes)	11,309,271	11,230,322	25,756,552
TOTAL	25,910,136	25,038,271	55,836,445

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

Appendix G - FAD Catches by Island and species

Hawaii FADs

SPECIES	A	B	C	D	E	F	G	KH	OTEC	RN	SS	TT	VV	XX	TOTAL
Aku	32	884	3,587	191	207	2,930	4,428	1,337	125	644	0	1,220	2,107	76	17,768
Bigeye	0	125	741	117	0	158	449	160	0	0	0	58	84	54	1,946
Yellowfin	318	2,334	16,434	2,046	534	5,517	44,858	20,990	705	6,724	1,937	3,218	6,471	68	112,154
Tombo	0	1,820	20,489	57	0	0	2,217	5,035	0	0	878	8,149	396	0	39,041
Kawakawa	0	0	0	15	0	0	4	0	2	0	0	0	0	0	21
Tuna (misc.)	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
Black marlin	0	0	186	0	0	156	0	0	0	0	0	230	0	0	572
Blue marlin	289	2,885	20,204	2,138	162	27,682	1,942	1,797	2,092	378	0	4,516	22,730	7,532	94,347
Sailfish	0	0	0	0	0	104	0	45	0	0	0	0	82	0	231
Shortbill spearfish	60	0	524	36	58	1,016	0	0	50	0	0	35	654	57	2,490
Striped marlin	127	28	1,396	44	329	921	74	85	202	0	112	202	612	1,100	5,232
Swordfish	0	0	372	74	0	0	99	948	0	0	48	0	0	0	1,541
Kahala	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
Kaku	0	0	0	0	18	15	0	17	20	0	0	12	0	0	82
Kamanu	15	0	0	0	0	0	0	0	0	9	0	0	0	0	24
Mahimahi	836	862	2,936	2,629	983	2,460	9,692	3,056	2,545	3,646	664	814	2,075	6,423	39,621
Ono	173	773	3,384	1,360	335	1,616	2,950	4,777	436	4,650	203	1,695	1,550	507	24,409
Opelu	0	0	85	0	40	117	0	0	0	0	0	0	4,884	10	5,136
Mano	0	0	440	0	0	150	0	56	0	0	0	0	0	0	646
Thresher	0	0	0	0	0	0	0	0	0	0	0	0	220	0	220
Uku	0	0	0	0	0	0	0	0	0	22	0	0	0	0	22
Miscellaneous	0	0	15	0	0	0	217	223	0	13	0	0	2,393	0	2,861
TOTAL	1,850	9,711	70,793	8,707	2,668	42,847	66,930	38,526	6,177	16,086	3,842	20,149	44,258	15,827	348,371

Oahu FADs

SPECIES	J	P	R	S	T	U	V	X	BO	CO	HH	II	LL	MM	TOTAL
Aku	26,893	108	2,439	10,884	684	2,541	1,033	12,327	2,933	1,135	7,549	6,362	13,902	6,107	94,897
Bigeye	31	0	0	0	0	0	33	125	233	60	20	47	734	335	1,618
Yellowfin	6,592	583	3,498	6,866	1,395	2,233	3,488	8,428	9,356	2,235	1,317	2,704	4,890	3,879	57,464
Tombo	0	0	0	0	0	0	0	4	12	0	0	0	315	0	331
Kawakawa	10	0	5	3	0	60	15	0	0	0	0	0	0	26	119
Tuna (misc.)	0	0	0	0	0	0	9	0	0	0	110	0	0	0	119
Blue marlin	4,396	404	17,095	21,421	900	1,871	6,826	5,997	5,331	487	1,636	3,462	1,715	2,032	73,573
Sailfish	0	0	0	0	0	0	0	47	52	40	0	0	0	0	139
Shortbill spearfish	65	0	98	26	0	0	0	66	413	42	173	0	20	40	943
Striped marlin	516	0	912	712	91	50	116	611	851	336	144	385	395	453	5,572
Kahala	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Kaku	0	0	5	18	0	0	20	0	19	0	7	0	0	0	69
Keokeo	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Mahimahi	6,785	902	1,172	1,430	1,240	2,209	620	13,124	2,552	900	3,189	6,951	6,180	8,905	56,159
Ono	287	30	124	379	403	353	397	1,062	833	230	507	908	1,556	1,930	8,999
Opelu	0	0	0	8	0	0	5	0	0	0	0	0	0	0	13
Mano	0	250	0	0	0	0	0	0	230	0	50	0	0	0	530
Thresher	0	0	0	145	0	0	0	0	0	0	0	0	0	0	145
Uku	0	0	0	0	0	0	0	0	36	0	0	0	0	0	36
TOTAL	45,575	2,277	25,348	41,894	4,713	9,317	12,562	41,791	22,851	5,465	14,702	20,819	29,708	23,707	300,729

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

Maui, Kahoolawe, Lanai, and Molokai FADs

SPECIES	I	K	M	N	O	Q	CC	DD	FF	HO	JJ	LA	MC	NL	T2	T3	T4	T5	T6	TOTAL
Aku	509	1,452	150	40	0	5,729	18	1,859	885	1,384	16	0	439	238	0	0	0	0	1,389	14,108
Bigeye	0	7	0	0	0	10	0	200	0	0	0	0	0	0	0	0	0	0	24	241
Yellowfin	248	762	38	676	132	2,807	23	484	4,729	932	230	0	289	121	0	0	0	0	2,950	14,421
Kawakawa	8	2	0	0	0	69	0	30	0	12	0	0	0	0	0	0	0	0	0	121
Blue marlin	625	8,710	630	3,086	395	2,936	1,354	3,728	434	834	420	0	150	280	0	0	0	0	529	24,111
Sailfish	0	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	59	86
Shortbill spearfish	75	446	0	20	0	43	25	27	0	0	0	0	0	0	0	0	0	0	30	666
Striped marlin	253	883	0	0	0	428	258	162	85	127	150	72	0	80	0	90	0	0	67	2,655
Kaku	0	5	0	0	0	38	0	0	0	26	0	0	9	0	0	0	0	0	14	92
Kamanu	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Mahimahi	2,247	3,135	2,076	1,541	1,534	13,927	2,317	6,417	2,799	4,996	1,159	410	1,137	650	17	30	0	46	1,063	45,501
Ono	1,437	926	481	623	560	1,920	378	966	1,028	1,479	140	108	81	411	56	99	65	30	557	11,345
Opelu	0	0	0	0	0	115	0	22	0	0	0	0	0	0	0	0	0	0	0	137
Mano	0	780	0	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	39	863
Miscellaneous	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
TOTAL	5,413	17,108	3,375	5,986	2,621	28,085	4,373	13,895	9,960	9,817	2,115	590	2,105	1,780	73	219	65	76	6,721	114,377

Kauai FADs

SPECIES	AA	BB	CK	DK	KK	PP	WK	TOTAL
Aku	2,531	450	5,480	710	1,629	4,356	3,596	18,752
Bigeye	0	0	115	0	0	1,410	24	1,549
Yellowfin	24,136	12,458	94,913	6,816	7,706	59,488	17,241	222,758
Tombo	0	0	1,299	0	50	213	0	1,562
Kawakawa	92	0	77	15	0	277	42	503
Black marlin	0	0	150	0	0	0	0	150
Blue marlin	2,877	1,556	11,774	1,044	905	7,755	1,781	27,692
Sailfish	90	0	26	0	0	0	0	116
Shortbill spearfish	0	0	342	0	0	68	95	505
Striped marlin	233	105	753	0	460	1,574	768	3,893
Swordfish	0	0	50	0	0	289	25	364
Kahala	0	0	0	0	0	0	20	20
Kaku	42	0	8	0	0	45	0	95
Keokeo	0	0	0	0	0	32	0	32
Mahimahi	2,161	1,896	6,699	1,122	687	4,298	4,656	21,519
Ono	1,215	1,156	2,963	721	499	2,768	1,899	11,221
Opelu	0	0	0	0	63	0	0	63
Mako	0	0	295	0	0	0	0	295
Uku	9	0	0	0	0	22	81	112
Miscellaneous	27	0	204	0	0	0	198	429
TOTAL	33,413	17,621	125,148	10,428	11,999	82,595	30,426	311,630

Other FADs

SPECIES	MO	W2	W3	W4	TOTAL
Aku	288	194	3	531	1,016
Bigeye	0	4,706	14,338	57,379	76,423
Yellowfin	1,088	72,713	34,094	16,366	124,261
Tuna (misc.)	0	0	0	6,500	6,500
Blue marlin	470	1,172	140	660	2,442
Striped marlin	35	0	0	0	35
Mahimahi	435	2,006	2,243	2,029	6,713
Ono	164	853	255	420	1,692
TOTAL	2,480	81,644	51,073	83,885	219,082

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

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

ISLAND	FAD	LOCATION	# MO. ON STATION	TOTAL LBS.	LBS. PER MO.	TOTAL TRIPS	TRIPS PER MO.	LBS. PER TRIP	RANK
HAWAII	A	South Pt.	12.0	1,850	154.2	19	1.6	97.4	8
	B	Miloli'i	12.0	9,711	809.3	105	8.8	92.5	9
	C	Loa Pt.	12.0	70,793	5,899.4	688	57.3	102.9	6
	D	Kumukahi	12.0	8,707	725.6	85	7.1	102.4	7
	E	Lelewi	3.2	2,668	833.8	84	26.3	31.8	14
	F	Kailua-Kona	12.0	42,847	3,570.6	669	55.8	64.0	13
	G	Pepe'ekeo	8.2	66,930	8,162.2	451	55.0	148.4	4
	KH	Kahena	12.0	38,526	3,210.5	217	18.1	177.5	1
	OTEC	Waikoloa Pt.	12.0	6,177	514.8	75	6.3	82.4	11
	RN	Palima Pt.	10.3	16,086	1,561.7	96	9.3	167.6	3
	SS	Apua Pt.	10.9	3,842	352.5	22	2.0	174.6	2
	TT	Kanewa'a	12.0	20,149	1,679.1	172	14.3	117.1	5
	VV	Kahalu'u	12.0	44,258	3,688.2	598	49.8	74.0	12
XX	Puako	12.0	15,827	1,318.9	182	15.2	87.0	10	
OAHU	J	Waiale'e	10.2	45,575	4,468.1	177	17.4	257.5	1
	P	Penguin Banks	12.0	2,277	189.8	28	2.3	81.3	10
	R	Makaha	9.4	25,348	2,696.6	386	41.1	65.7	12
	S	Pokai Bay	12.0	41,894	3,491.2	514	42.8	81.5	9
	T	Makapu'u	9.4	4,713	501.4	59	6.3	79.9	11
	U	Kane'ohe	6.4	9,317	1,455.8	64	10.0	145.6	4
	V	Makua	12.0	12,562	1,046.8	281	23.4	44.7	14
	X	Kahuku	10.3	41,791	4,057.4	199	19.3	210.0	2
	BO	Barber Pt.	12.0	22,851	1,904.3	264	22.0	86.6	8
	CO	Ka'ena Pt.	10.2	5,465	535.8	88	8.6	62.1	13
	HH	Pearl Harbor	10.8	14,702	1,361.3	142	13.1	103.5	7
	II	Hale'iwa	12.0	20,819	1,734.9	149	12.4	139.7	5
	LL	Hau'ula	12.0	29,708	2,475.7	172	14.3	172.7	3
MM	Mokapu Pt.	10.6	23,707	2,236.5	196	18.5	121.0	6	
MAUI COUNTY	I	Halona Pt.	10.8	5,413	501.2	108	10.0	50.1	12
	K	Palaoa	12.0	17,108	1,425.7	416	34.7	41.1	15
	M	Hana Bay	10.8	3,375	312.5	36	3.3	93.8	6
	N	Cape Halawa	12.0	5,986	498.8	58	4.8	103.2	4
	O	Kalaupapa	5.9	2,621	444.2	19	3.2	137.9	2
	Q	Pa'uwela Pt.	12.0	28,085	2,340.4	267	22.3	105.2	3
	CC	Ka'ena Pt.	12.0	4,373	364.4	92	7.7	47.5	13
	DD	Opana Pt.	12.0	13,895	1,157.9	197	16.4	70.5	9
	FF	Pukaulua Pt.	10.8	9,960	922.2	68	6.3	146.5	1
	HO	Ho'olawa Pt.	7.4	9,817	1,326.6	133	18.0	73.8	8
	JJ	Kamohio	4.7	2,115	450.0	42	8.9	50.4	11
	LA	Lahaina	2.7	590	218.5	53	19.6	11.1	19
	MC	Palaoa	4.1	2,105	513.4	35	8.5	60.1	10
	NL	Nu'u	8.3	1,780	214.5	22	2.7	80.9	7
	T2	Kolo Harbor	12.0	73	6.1	2	0.2	36.5	16
	T3	Pala'au	12.0	219	18.3	5	0.4	43.8	14
T4	Kamalo Harbor	12.0	65	5.4	2	0.2	32.5	17	
T5	Puko'o	12.0	76	6.3	4	0.3	19.0	18	
T6	Palaoa	12.0	6,721	560.1	67	5.6	100.3	5	
KAUAI	AA	Port Allen	12.0	33,413	2,784.4	270	22.5	123.8	4
	BB	Moloa'a	12.0	17,621	1,468.4	144	12.0	122.4	5
	CK	Makahu'ena Pt.	12.0	125,148	10,429.0	586	48.8	213.6	1
	DK	Anahola	7.8	10,428	1,336.9	113	14.5	92.3	7
	KK	Waimea	12.0	11,999	999.9	89	7.4	134.8	3
	PP	Koloa	12.0	82,595	6,882.9	577	48.1	143.1	2
	WK	Wailua	6.1	30,426	5,005.2	295	48.4	103.1	6
STATE TOTAL				1,075,107		9,882			

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