NMFS-NEFSC WINTER BOTTOM TRAWL SURVEY
ALBATROSS IV FEB 01 - FEB 24, 1999
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

STATION	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLOUNDER	YELLOWTAIL FLOUNDER	WINTER FLOUNDER	WITCH FLOUNDER	WINDOWPANE FLOUNDER	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
0001	13	0	48	0	4	0	0	0	0	11	0	60	0	0	0	0	1	3	0	0	0	16	1	4	108	269
0002	0	0	4	0	2	0	0	0	0	17	0	18	0	0	1	0	0	46	0	0	0	8	0	15	23	134
0003	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	10	28	40
0004	28	0	0	0	0	0	0	0	15	0	0	0	0	0	5	0	0	0	0	0	0	11	15	0	73	147
0005	435	0	32	2	2	0	0	0	0	0	0	44	0	0	8	0	4	0	0	0	1	4	9	8	24	573
0006	406	0	402	4	4	0	0	0	0	4	0	10	0	0	2	0	1	0	0	0	0	6	3	2	10	854
0007	240	0	485	4	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	14	0	1	10	758
0008	83	0	87	0	1	0	0	0	0	0	0	21	0	0	0	0	0	1	0	0	0	12	0	1	27	233
0009	260	0	69	39	1	0	0	0	0	0	0	39	0	0	0	0	7	5	0	0	0	1	0	9	186	616
0010	902	0	150	5	2	0	0	0	0	0	0	21	0	0	5	0	1	1	0	0	1	3	0	21	35	1147
0011	1389	0	128	2	0	0	0	0	0	0	0	12	0	0	1	0	0	6	0	0	1	5	0	21	34	1599
0012	433	0	13	37	0	0	0	0	0	0	0	19	0	0	0	0	0	9	0	0	0	0	0	3	189	703
0013	7	0	3	0	2	0	0	0	0	1	0	32	0	0	4	0	0	24	0	0	0	1	0	61	80	215
0014	12	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	10	0	0	0	0	0	59	65	171
0015	22	0	0	0	1	0	0	0	0	0	0	1	0	0	6	0	0	0	0	0	0	3	2	3	34	72
0016	12	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	8	0	1	43	68
0017	8	0	1	0	0	0	0	0	0	0	0	7	0	0	0	0	0	19	0	0	0	1	0	15	28	79
0018	28	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	18	0	0	0	0	0	7	19	74
0019	106	0	0	0	1	0	0	0	0	0	0	23	0	0	0	0	0	8	0	0	0	5	4	28	77	252
0020	6	0	12	0	0	0	0	0	0	0	0	52	0	0	9	0	0	2	0	0	0	0	0	9	85	175
0021	19	0	48	0	2	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	5	0	22	137	268
0022	3281	0	136	42	1	0	0	0	0	0	0	83	0	0	0	0	0	19	0	0	0	3	0	8	31	3604
0023	78	0	3	0	3	0	0	0	0	0	0	24	0	0	1	0	0	2	0	0	0	4	0	4	39	158
0024	22	0	0	0	2	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	3	0	2	60	108
0025	524	0	0	0	1	0	0	0	0	0	0	72	0	0	0	0	0	0	0	0	0	0	0	9	66	672
0026	4538	0	3	0	1	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	17	0	33	51	4663
0027	165	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	44	0	1	28	241
0028	67	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	4	0	0	0	9	0	13	23	123
0029	2	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	22	2	5	61	121
0030	0	0	0	0	1	0	0	0	0	0	0	46	0	0	0	0	0	17	0	0	0	24	0	28	98	214
0031	1723	0	1	0	0	0	0	0	0	0	0	25	0	0	0	0	0	2	0	0	0	10	0	20	65	1846
0032	31	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	4	41
0033	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	5	0	14	46	77
0034	1401	0	0	0	4	0	0	0	0	4	0	40	0	0	10	0	0	6	0	0	0	9	5	15	173	1667
0035	8763	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	4	2	52	8841
0036	191	0	0	0	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	17	0	16	152	444
0037	1538	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	33	0	0	0	6	0	81	35	1715
0038	2766	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	7	291	3073
0039	3	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	18	149	174

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0040	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0		0	0	0	0	0	11	2827	2840
0041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	5	0	33	147	196
0042	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	4	0	73	149	230
0043	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	5	0	36	188	236
0044	7	0	4	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	32	165	253
0045	261	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	1	0	0	0	0	0	3	32	315
0046	2398	0	0	0	0	0	0	0	0	0	0	14	0	0	0	1	0	12	0	0	0	4	0	6	17	2452
0047	565	0	19	0	0	0	0	0	0	0	0	47	0	0	0	6	0	9	0	0	0	0	0	21	65	732
0048	432	83	20	14	0	0	0	0	0	0	0	8	0	0	0	5	1	5	0	0	0	0	0	20	95	683
0049	105	0	4	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	35	150
0050	713	0	30	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	7	80	844
0051	1270	13	40	0	0	0	0	0	0	0	0	39	0	0	0	1	0	3	0	0	0	0	0	7	104	1477
0052	63	6	20	0	0	0	0	0	0	0	0	28	0	0	0	4	0	0	0	0	0	0	0	5	78	204
0053	3915	16	100	0	0	0	0	0	0	0	0	39	0	0	0	15	0	0	0	0	0	0	0	5	80	4170
0054	174	9	30	1	0	0	0	0	0	0	0	8	0	0	0	5	0	0	0	0	0	0	0	3	25	255
0055	3882	5	174	0	0	0	0	0	0	0	0	102	0	0	1	1	0	7	0	0	0	0	0	2	597	4771
0056	512	11	30	1	0	0	0	0	0	0	0	18	0	0	0	15	5	1	0	0	0	0	0	1	2	596
0057	445	0	92	22	0	0	0	0	0	0	0	48	0	0	0	1	0	0	0	0	0	4	0	5	30	647
0058	418	17	100	13	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	552
0059	72	6	68	3	0	0	0	0	0	0	0	4	0	0	0	5	0	0	0	0	0	0	0	0	17	175
0060	325	62	139	39	0	0	0	0	0	0	0	6	0	0	0	1	12	0	0	0	0	6	0	2	11	603
0061	275	0	128	85	0	0	0	0	0	0	0	11	0	0	0	1	1	0	0	0	0	1	2	6	17	527
0062	787	6	85	5	0	0	0	0	0	0	0	9	0	0	0	7	1	0	0	0	0	0	0	1	7	908
0063	204	0	578	0	0	0	0	0	0	0	0	4	0	0	0	11	0	0	0	0	0	0	0	1	96	894
0064	316	0	79	0	0	0	0	0	0	0	0	7	9	2	0	5	0	1	0	0	0	0	0	1	3	423
0065	527	15	145	0	0	0	0	0	0	0	0	3	4	3	0	17	1	0	0	0	0	11	0	0	16	742
0066	978	4	115	10	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	1	0	1	3	1116
0067	823	21	173	13	0	0	0	0	0	0	0	0	7	0	0	0	2	0	0	0	4	0	1	2	6	1052
0068	225	0	152	24	1	0	0	0	0	0	0	0	1	0	0	1	21	0	0	0	0	0	0	0	0	425
0069	516	0	135	12	2	0	0	0	0	0	0	0	7	2	0	2	2	0	0	0	2	16	0	7	43	746
0070	358	0	366	15	0	0	0	0	0	0	0	0	8	6	0	2	0	0	0	0	6	0	0	2	8	771
0071	148	12	136	3	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	0	6	0	0	0	6	319
0072	364	0	297	14	0	0	0	0	0	0	0	1	9	3	0	7	0	0	0	0	20	0	0	1	13	729
0073	386	0	306	1	1	0	0	0	0	0	0	5	32	13	0	15	0	0	0	0	161	1	0	0	15	936
0074	117	26	172	3	0	0	0	0	0	0	0	19	31	26	0	6	0	0	0	0	923	11	0	0	7	1341
0075	44	28	196	0	1	0	0	0	0	0	0	0	22	38	0	15	0	0	0	2	78	0	0	0	8	432
0076	6	64	210	4	3	0	0	0	0	0	0	0	25	31	0	13	0	0	0	0	51	1	0	0	5	413
0077	79	52	201	187	1	0	0	0	0	0	0	0	19	7	0	12	46	0	0	0	12	14	0	0	7	637
0078	770	7	304	25	5	0	0	0	0	0	0	27	0	0	1	0	2	0	0	0	2	21	0	13	44	1221

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0079	433	0	706	46	9	0	0	0	2	4	0	8	0	0	17	0	0	0	0	0	9	26	0	13	74	1347
0080	1395	0	338	233	3	0	0	20	0	0	0	2	19	0	0	7	174	0	0	1	7	15	0	13	50	2277
0081	506	0	110	76	13	0	0	0	6	16	0	46	1	0	9	0	4	8	0	0	11	27	2	26	90	951
0082	1239	0	21	0	10	0	0	0	1	26	0	58	0	0	1	0	2	35	0	0	1	12	3	20	55	1484
0083	7009	0	15	0	6	0	0	0	0	67	0	45	0	0	1	0	2	13	0	0	2	13	2	13	48	7236
0084	944	0	1	0	5	0	0	0	0	17	0	42	0	0	0	0	0	6	0	0	0	9	2	2	22	1050
0085	44	0	0	0	2	0	0	0	0	2	0	4	0	0	0	0	0	50	0	0	0	25	1	13	14	155
0086	0	0	0	0	15	0	0	0	0	13	0	0	0	0	9	0	0	1	0	0	0	41	0	1	15	95
0087	0	0	0	7	11	0	0	0	1	15	0	23	0	0	0	0	0	4	0	0	0	15	0	4	12	92
0088	2	0	0	0	18	0	0	0	0	5	0	26	0	0	0	0	2	3	0	0	0	25	0	3	17	101
0089	285	0	0	14	4	0	0	0	0	1	0	4	0	0	0	0	2	0	0	0	0	17	4	4	26	361
0090	11129	16	174	0	11	0	1	0	0	2	0	38	81	0	2	11	4	0	0	0	13	16	0	5	49	11552
0091	2152	8	147	34	16	4	0	0	1	3	0	0	57	1	5	0	31	1	0	1	43	9	0	6	34	2553
0092	358	30	120	0	8	0	0	0	0	4	0	3	70	7	0	6	0	0	0	7	53	14	0	17	35	732
0093	35	80	139	0	13	0	0	0	0	1	0	5	76	131	0	20	0	0	0	19	669	72	1	2	34	1297
0094	5	22	6	0	0	3	0	0	0	0	0	0	4	1	0	1	0	0	0	3	12	1	1	0	1	60
0095	482	96	45	18	1	6	0	0	0	3	0	0	35	25	0	10	0	0	0	2	28	15	2	8	12	788
0096	1016	396	683	76	5	0	0	0	0	2	0	8	71	61	0	51	1	0	0	13	48	52	0	0	13	2496
0097	7	138	330	19	2	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0	0	0	0	18	518
0098	0	7	15	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	2	0	0	0	0	7	36
0099	205	229	547	39	8	0	0	0	0	1	0	0	0	8	0	7	0	0	0	370	2	1	0	0	10	1427
0100	108	9	187	22	9	0	0	0	1	2	0	10	19	0	6	12	87	0	0	0	3	93	0	2	115	685
0101	1783	0	15	102	64	0	0	0	0	216	0	83	0	0	2	0	0	15	0	0	0	26	0	8	70	2384
0102	2	3	11	30	9	0	0	0	0	0	0	78	0	0	0	0	0	1	0	0	0	14	0	32	74	254
0103	4154	0	8	7	39	0	2	0	0	32	0	58	0	0	3	0	0	2	0	0	0	18	0	3	58	4384
0104	143	0	32	33	50	0	0	0	0	4	0	23	0	0	1	0	3	0	0	0	0	18	0	1	114	422
0105	9	0	9	1	14	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	19	7	0	30	92
0106	2	0	0	0	1	0	0	0	0	0	0	20	0	0	0	0	0	4	0	0	0	24	1	17	43	112
0107	0	0	1	0	2	0	0	0	0	6	0	22	0	0	1	0	0	56	0	0	0	33	0	11	62	194
0108	3	0	5	0	2	0	0	0	0	0	0	7	0	0	2	0	0	5	0	0	0	10	0	13	44	91
0109	8	0	6	0	3	0	0	0	10	1	0	208	0	0	13	0	0	3	0	0	0	4	0	15	98	369
0110	0	0	3	0	0	0	0	0	0	0	0	9	0	0	4	0	0	0	0	0	0	6	0	1	13	36
0111	0	0	4	0	3	0	0	0	0	4	0	47	0	0	22	0	0	1	0	0	0	15	0	22	171	289
0112	4	0	13	0	1	0	0	0	0	1	0	3	0	0	56	0	0	0	0	0	0	7	0	1	86	172
0113	0	0	7	0	1	0	0	0	0	3	0	4	0	0	0	0	0	7	0	0	0	15	0	21	29	87
0114	0	0	1	0	35	11	0	0	0	20	0	0	0	0	8	0	0	0	0	0	3	8	11	7	22	126
0115	28	0	163	5	46	4	11	0	5	14	0	0	1	0	0	0	0	0	0	2	76	5	0	0	55	415
0116	963	11	114	3	15	0	6	0	0	26	0	0	0	0	0	0	0	0	0	2	17	48	0	0	85	1290
0117	7	0	32	0	4	0	0	0	0	6	0	8	0	0	5	0	0	1	0	3	4	26	0	2	41	139

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0118	0	0	26	0	11	0	0	0	0	1	0	45	0	0	1	0	0	3	0	1	5	0	0	50	30	173
0119	14	29	86	28	2	0	0	0	0	0	0	0	3	0	0	0	0	0	0	16	2	0	0	4	95	279
0120	412	55	26	0	598	0	0	0	0	176	0	7	0	0	1	0	0	16	0	0	2	0	0	2	105	1400
0121	113	9	21	1	4	117	91	1	15	3	0	0	0	0	0	0	0	1	0	3	0	0	1	38	17	435
0122	15	8	97	4	3	0	15	0	0	4	0	0	0	0	0	0	0	0	0	1	0	0	0	2	28	177
0123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
0124	9	17	89	109	0	54	164	0	0	0	10	0	13	0	0	0	0	0	0	61	0	0	0	0	154	680
0125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
0126	11	77	37	0	0	51	37	0	0	0	150	0	127	16	0	0	0	0	0	33	5	0	0	0	41	585
0127	0	18	18	0	0	3	7	0	0	0	9	0	13	28	0	2	0	0	0	9	4	0	0	0	9	120
0128	45	309	88	0	0	10	108	0	0	0	34	1	531	4	0	16	0	0	0	20	13	0	0	0	44	1223
0129	16	285	339	0	0	36	0	0	0	0	10	0	101	0	0	10	0	0	0	6	0	0	0	0	13	816
0131	0	293	193	5	0	11	0	0	0	0	0	0	466	0	2	1	9	0	0	3	0	30	0	0	113	1126
0132	87	253	363	0	1	26	0	0	0	0	9	0	37	5	0	58	0	0	0	7	18	0	0	0	41	905
0133	0	235	100	0	0	4	0	0	0	0	8	8	174	5	3	209	0	0	0	1	17	0	0	0	21	785
0134	19	248	217	0	0	56	0	0	0	0	7	11	240	4	0	105	3	0	0	6	18	0	0	0	78	1012
0135	16	497	363	0	0	29	0	0	0	0	2	0	5	2	0	98	0	0	0	5	0	0	0	0	4	1021
0136	26	226	142	0	0	13	0	0	0	0	0	0	2	0	0	41	0	0	0	1	0	0	0	0	3	454
0137	93	330	235	0	3	6	0	0	0	0	1	7	6	3	0	58	1	0	0	3	3	0	0	0	10	759
0138	80	96	139	3	0	3	0	0	0	0	9	4	50	0	0	78	1	0	0	4	2	0	0	0	33	502
0139	0	0	268	9	4	10	0	0	1	1	7	0	27	0	0	24	0	0	0	4	8	3	0	1	45	412
0140	4	334	150	0	0	15	0	0	0	0	2	0	3	0	0	111	0	0	0	0	0	0	0	0	7	626
0141	3	75	66	0	0	6	0	0	0	0	2	0	1	0	0	6	0	0	0	2	0	0	0	0	8	169
0142	6	68	66	0	1	0	0	0	0	0	5	10	53	0	0	98	0	0	0	2	4	0	0	0	20	333
0143	600	110	131	1	1	0	2	0	0	0	1	0	36	0	0	68	0	0	0	0	22	0	0	0	4	976
0144	218	262	89	11	2	3	2	0	0	0	0	1	15	7	0	139	2	0	0	7	27	0	0	0	24	809
0145	3	231	62	0	0	0	0	0	0	0	0	1	5	0	0	55	0	0	0	18	0	0	0	0	2	377
0146	0	600	724	16	1	18	5	0	0	5	0	10	48	19	0	82	1	0	0	22	18	0	0	0	67	1636
0147	0	86	218	4	1	0	0	0	0	0	0	9	14	0	2	19	0	0	0	0	0	25	0	0	33	411
0148	36	208	263	0	0	0	0	0	0	0	0	0	0	1	0	5	0	0	0	15	0	0	0	0	4	532
TOTAL	88268	646	714	898	1589	1144	499	452	21	58	745	266	2464	2586	467	236	1587	437	526	0	678	2437	1237	86	1289	10687	139124

* "Total others" in southern areas are comprised primarily of rays, large sharks and spotted hake.

** Biological Station 130 data unavailable