Table 1. Total number of sightings and birds observed combining all days, transects, and observers on 5 Jan to 2 Feb 2005 aerial surveys flown primarily in nearshore habitat on Unalaska and Umnak Island, Alaska.

sppn	species	scientific name	n sightings	total birds	sppn	species	scientific name	n sightings	total birds
ALCSM	small alcid species including:		203	2381	**GWGU**	Glaucous-winged Gull	Larus glaucescens	1720	5826
CRAU	Crested Auklet	Aethia cristatella			**GLGU**	Glaucous Gull	Larus hyperboreus	5	6
WHAU	Whiskered Auklet	Aethia pygmaea			**HEGU**	Herring Gull	Larus argentatus	3	3
CAAU	Cassin's Auklet	Ptychoramphus aleuticus			**MEGU**	Mew Gull	Larus canus	24	35
LEAU	Least Auklet	Aethia pusilla			**NOFU**	Northern Fulmar	Fulmarus glacialis	122	270
PAAU	Parakeet Auklet	Aethia psittacula			**BLKI**	Black-legged Kittiwake	Rissa tridactyla	1	1
MAMU	Marbled Murrelet	Brachyramphus marmoratus			**FTSP**	Fork-tailed Storm Petrel (likel	Oceanodroma furcata	5	20
KIMU	Kitlitz's Murrelet	Brachyramphus brevirostris			**LAAL**	Laysan Albatross	Phoebastria immutabilis	20	29
ANMU	Ancient Murrelet	Synthliboramphus antiquus							
MURRL	murrelet spp.		25	44	**CORM**	cormorant species including:		2768	13854
					PECO	Pelagic Cormorant	Phalacrocorax pelagicus		
ALCLG	large alcid species including:		15	155	**RFCO**	Red-faced Cormorant	Phalacrocorax urile		
TUPU	Tufted Puffin	Fratercula cirrhata			**DCCO**	Double-crested Cormorant	Phalacrocorax auritus		
HOPU	Horned Puffin	Fratercula corniculata							
COMU	Common Murre	Uria aalge			**LOON**	loon spp	Gavia spp.	173	222
TBMU	Thick-billed Murre	Uria lomvia			**YBLO**	Yellow-billed Loon	Gavia adamsii	5	6
PUFF	puffin spp.	Fratercula spp.	8	17	**RNGR**	Red-necked Grebe	Podiceps grisegena	53	72
PIGU	Pigeon Guillemot	Cepphus columba	79	110	**HOGR**	Horned Grebe	Podiceps auritus	11	31
MURRE	murre spp	Uria spp.	626	1777	**USSB**	unidentified small shorebird	Calidris spp.	3	11
					BLOY	Black Oystercatcher	Haematopus bachmani	63	776
EMGO	Emperor Goose	Chen canagica	447	22406	**ROSA**	Rock Sandpiper (likely)	Calidris ptilocnemis	16	995
					BAEA	Bald Eagle	Haliaeetus leucocephalus	407	529
BLSC	Black Scoter	Melanitta nigra	1366	16656	**MERL**	Merlin	Falco columbarius	1	1
WWSC	White-winged Scoter	Melanitta fusca	215	1075	**CORA**	Common Raven	Corvus corax	17	51
SUSC	Surf Scoter	Melanitta perspicillata	5	13					
SCOT	scoter spp.	Melanitta spp.	349	5333		boat		39	55
						boom		13	18
STEI	Steller's Eider	Polysticta stelleri	243	4363		people		6	21
KIEI	King Eider	Somateria spectabilis	71	823		sheen		1	1
COEI	Common Eider	Somateria mollissima	130	2327		ice		6	3
					SEOT	Sea otter	Enhydra lutris	114	252
GOLD	goldeneye spp.	Bucephala spp.	99	716	**STSL**	Steller sea lion	Eumetopias jubatus	46	1281
COGO	Common Goldeneye	Bucephala clangula			**HASE**	Harbor seal	Phoca vitulina	75	337
BAGO	Barrow's Goldeneye	Bucephala islandica			**HPORP**	Harbor porpoise	Phocoena phocoena	1	1
					FOX			1	1
UNDU	unidentified duck		56	1427	START	transect start point		219	215
SCAU	scaup spp	Aythya marila	67	512	END	transect end point		226	198
LTDU	Long-tailed Duck	Clangula hyemalis	601	3559					
HARD	Harlequin Duck	Histrionicus histrionicus	1147	7469					
BUFF	Bufflehead	Bucephala albeola	63	253	totals:	birds		11608	96411
MALL	Mallard	Anas platyrhynchos	63	767		people,boats,boom		65	98
GADW	Gadwall	Anas strepera	2	3		mammals		237	1872
TEAL	Green-winged Teal	Anas crecca	4	9		start/end pts		445	413
RBME	Red-breasted Merganser	Mergus serrator	17	53		all combined =		12355	98794
COME	Common Merganser	Mergus merganser	6	19					
MERG	merganser spp	Mergus spp.	284	1406					

Table 2. Observation time lost due to computer recording failures, time not observing while fixing computers, or other breaks in observations along shoreline transects. Similar problems also occurred on pelagic transects but these did not represent gaps in coverage as the pelagic transects were already planned as low proportion sample of the stratum.

segment	stratum	mo	day	obs	total hrs	n skips	skip hrs	% skip
unalaska	inshore	1	5	jgk	1.84	2	0.25	11.8%
unalaska	outshore	1	5	dkm	1.83	4	0.41	18.3%
unalaska	inshore	1	7	dkm	3.06	5	0.32	9.4%
unalaska	outshore	1	7	jgk	3.06	1	3.06	100.0%
unalaska	inshore	1	8	jgk	2.34	1	0.29	11.1%
unalaska	outshore	1	8	dkm	2.33	2	0.32	12.1%
unalaska	inshore	1	15	jgk	2.33	1	2.33	100.0%
unalaska	outshore	1	15	dkm	2.18	0	0.00	0.0%
unalaska	inshore	1	18	jgk	2.51	1	0.11	4.2%
unalaska	outshore	1	18	dkm	2.25	2	0.37	14.1%
unalaska	inshore	1	19	jgk	2.37	0	0.00	0.0%
unalaska	outshore	1	19	dkm	2.36	0	0.00	0.0%
unalaska	inshore	1	27	dkm	2.63	0	0.00	0.0%
unalaska	outshore	1	27	djg	2.29	4	0.34	12.8%
unalaska	inshore	2	1	dkm	2.34	12	0.25	9.6%
unalaska	outshore	2	1	djg	2.59	0	0.00	0.0%
					38.31	35	8.04	21.0%
umnak i	inshore	1	5	jgk	0.22	0	0.00	0.0%
umnak i	outshore	1	5	dkm	0.09	1	0.15	62.8%
umnak i	inshore	1	8	jgk	0.29	0	0.00	0.0%
umnak i	outshore	1	8	dkm	0.29	0	0.00	0.0%
umnak i	inshore	1	15	jgk	0.22	1	0.22	100.0%
umnak i	outshore	1	15	dkm	0.22	0	0.00	0.0%
umnak i	inshore	1	18	jgk	0.24	0	0.00	0.0%
umnak i	outshore	1	18	dkm	0.24	0	0.00	0.0%
umnak i	inshore	1	19	jgk	0.24	0	0.00	0.0%
umnak i	outshore	1	19	dkm	0.24	0	0.00	0.0%
umnak i	inshore	1	27	dkm	0.24	0	0.00	0.0%
umnak i	outshore	1	27	djg	0.22	1	0.03	10.7%
umnak i	inshore	2	1	dkm	0.31	1	0.00	0.4%
umnak i	outshore	2	1	djg	0.26	0	0.00	0.0%
					3.32	4	0.40	11.9%
unalaska	outrecon	1	10	jgk	2.56	0	0.00	0.0%
unalaska	outrecon	2	2	dkm	2.29	8	0.18	7.4%
umnak i	inrecon	1	10	dkm	1.73	3	0.43	19.8%
umnak i	outrecon	1	10	jgk	2.23	0	0.00	0.0%
umnak i	inrecon	2	2	djg	1.77	3	0.07	4.1%
umnak i	outrecon	2	2	dkm	1.81	2	0.03	1.6%
unalaska	inrecon	1	10	dkm	2.62	0	0.00	0.0%
unalaska	inrecon	2	2	djg	2.32	0	0.00	0.0%
					17.32	16	0.72	4.1%
				Totals :	58.95	55	9.15	15.5%

Table 3. Weather and observation conditions recorded on aerial surveys expressed as a proportion of the total observation duration represented in each recorded category. The total time recorded was 86.4 hrs adding the duration recorded by each observer and including any short data recording skips within strata. Information not available is indicated as "na". Glare was coded as: 0=none, 1=occasional reduction, or 2=definite reduction. Seastate was coded as: 0=smooth, 1=rippled, 2=waves, 3=chop, few whitecaps, or 4=whitecaps and windrows. Sky condition was coded as: clear, scattered clouds, broken clouds, or overcast.

						glare					sea state						sky				
mo	day	wind dir	wind kts	obsvr	strata	0	1	2	3	na	0	1	2	3	4	na	clear	scat	brkn	ovrc	na
1	5	na	na	dkm	outshore	26%	54%	20%	0%	0%	2%	22%	74%	3%	0%	0%	0%	0%	0%	0%	100%
1	5			jgk	inshore	11%	0%	89%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	100%
1	5			dkm	pelagic	41%	32%	27%	0%	0%	0%	41%	59%	0%	0%	0%	0%	0%	0%	0%	100%
1	5			jgk	pelagic	96%	4%	0%	0%	0%	0%	0%	4%	0%	0%	96%	0%	0%	0%	0%	100%
1	7	E-SE	15-26	dkm	inshore	3%	61%	36%	0%	0%	0%	14%	15%	**69%**	2%	0%	100%	0%	0%	0%	0%
1	7			dkm	pelagic	0%	100%	0%	0%	0%	0%	0%	55%	**45%**	0%	0%	100%	0%	0%	0%	0%
1	7			jgk	pelagic	17%	80%	3%	0%	0%	0%	0%	50%	**50%**	0%	0%	100%	0%	0%	0%	0%
1	8	SE	15-27	dkm	outshore	62%	29%	9%	0%	0%	0%	62%	38%	0%	0%	0%	0%	0%	0%	0%	100%
1	8			jgk	inshore	0%	100%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
1	8			dkm	pelagic	15%	80%	6%	0%	0%	0%	0%	94%	6%	0%	0%	0%	0%	0%	0%	100%
1	8			jgk	pelagic	97%	3%	0%	0%	0%	0%	6%	79%	**15%**	0%	0%	0%	0%	0%	0%	100%
1	10	SE	10-30	dkm	inrecon	65%	27%	8%	0%	0%	0%	5%	85%	10%	0%	0%	0%	0%	100%	0%	0%
1	10			jgk	outrecon	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	100%
1	15	na	na	dkm	outshore	39%	45%	16%	0%	0%	0%	8%	89%	2%	0%	0%	0%	19%	0%	81%	0%
1	15			dkm	pelagic	20%	51%	28%	0%	0%	0%	0%	100%	0%	0%	0%	0%	4%	88%	8%	0%
1	18	NE	14	dkm	outshore	40%	56%	0%	0%	4%	3%	90%	6%	0%	0%	0%	0%	0%	5%	95%	0%
1	18			jgk	inshore	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	6%	94%	0%
1	18			dkm	pelagic	39%	61%	0%	0%	0%	0%	8%	92%	0%	0%	0%	0%	0%	0%	100%	0%
1	18			jgk	pelagic	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	0%
1	19	NE	12	dkm	outshore	46%	50%	1%	2%	0%	0%	83%	17%	0%	0%	0%	0%	0%	98%	0%	2%
1	19			jgk	inshore	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	100%
1	19			dkm	pelagic	44%	56%	0%	0%	0%	0%	71%	5%	3%	20%	0%	0%	0%	9%	91%	0%
1	19			jgk	pelagic	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	100%
1	27	E	27	djg	outshore	96%	0%	4%	0%	0%	0%	34%	59%	8%	0%	0%	0%	0%	100%	0%	0%
1	27			dkm	inshore	22%	43%	35%	0%	0%	0%	5%	88%	7%	0%	0%	0%	0%	0%	0%	100%
1	27			djg	pelagic	54%	46%	0%	0%	0%	0%	0%	42%	**58%**	0%	0%	0%	0%	100%	0%	0%
1	27			dkm	pelagic	91%	9%	0%	0%	0%	0%	0%	77%	**23%**	0%	0%	0%	0%	0%	0%	100%
2	1	NE	25	djg	outshore	60%	0%	40%	0%	0%	2%	24%	41%	32%	0%	0%	98%	2%	0%	0%	0%
2	1			dkm	inshore	18%	31%	51%	0%	0%	1%	29%	60%	10%	0%	0%	32%	0%	62%	0%	6%
2	1			djg	pelagic	51%	0%	49%	0%	0%	0%	2%	14%	**83%**	0%	0%	100%	0%	0%	0%	0%
2	1			dkm	pelagic	53%	40%	7%	0%	0%	0%	9%	22%	**69%**	0%	0%	100%	0%	0%	0%	0%
2	2	NE	24	djg	inrecon	100%	0%	0%	0%	0%	0%	0%	99%	1%	0%	0%	0%	0%	0%	100%	0%
2	2			dkm	outrecon	71%	27%	3%	0%	0%	0%	18%	75%	7%	0%	0%	0%	0%	0%	100%	0%
			Grand Total :			41%	32%	16%	0%	10%	1%	23%	49%	13%	0%	13%	21%	1%	20%	26%	32%

Table 4. Length (meters) of various Environmental Sensitivity Index shorelines types in the Aleutian Islands showing the 10 combined classes and the 4 geographic sub-divisions that we used in analysis. The combined ESI Classes, for which we derived observed bird density and population estimates, are here broken down by their component ESI and SENSI codes. Of particular interest are the SCAT (Shoreline Cleanup Assessment Team) shoreline segments that add to 365 km in length, 3.5% ot the total 10,392 km of Aleutian shorelines. Note that this SCAT area shows a relatively higher proportion of 6A, 6A+, 8A, 8A+, and 10A types in comparison to other areas.

ESI Class description	ESI Class	eESI	sSensi	Aleutians	SCAT	nonSCAT	UnAK-Umnak	TOTAL	Aleutians	SCAT	nonSCAT	UnAK-Umnak	TOTAL
Exposed rocky shore	esi1	e1	s1	1787769		10113	98918	1896799	**20.8%**	0.0%	**5.4%**	**8.1%**	**18.3%**
		e1A	s1A	745811	33043	22357	109832	911043	**8.7%**	**9.0%**	**11.9%**	**9.0%**	**8.8%**
	esi1 Total			2533580	33043	32469	208750	2807842	**29.4%**	**9.0%**	**17.3%**	**17.1%**	**27.0%**
Exposed rocky shore mixed	esi1+	e1/3	s3+	1695				1695	0.0%	0.0%	0.0%	0.0%	0.0%
		e1A/2A	s2A+	1961	10189	7286	57473	76908	0.0%	**2.8%**	**3.9%**	**4.7%**	0.7%
		e1A/4	s4+				266	266	0.0%	0.0%	0.0%	0.0%	0.0%
		e1A/5	s5+		160		994	1153	0.0%	0.0%	0.0%	0.1%	0.0%
		e1A/6A	s6A+	342	5592	14890	99896	120720	0.0%	**1.5%**	**7.9%**	**8.2%**	**1.2%**
		e1A/6A/1A	s6A+		353		217	569	0.0%	0.1%	0.0%	0.0%	0.0%
		e1A/6A/2A	s6A+	420	4728	2083	30003	37234	0.0%	**1.3%**	**1.1%**	**2.5%**	0.4%
		e1A/6A/7	s7+				88	88	0.0%	0.0%	0.0%	0.0%	0.0%
		e1A/7	s7+	887	536		143	1566	0.0%	0.1%	0.0%	0.0%	0.0%
		e1B	s1B				220	220	0.0%	0.0%	0.0%	0.0%	0.0%
	esi1+ Total			5305	21556	24259	189300	240420	0.1%	**5.9%**	**12.9%**	**15.5%**	**2.3%**
Exposed wave-cut rock platform	esi2	e2	s2	1611150		14041	164996	1790186	**18.7%**	0.0%	**7.5%**	**13.5%**	**17.2%**
		e2A	s2A	519733	18552	10792	27756	576834	**6.0%**	**5.1%**	**5.7%**	**2.3%**	**5.6%**
		e2A/6A	s6A+				368	368	0.0%	0.0%	0.0%	0.0%	0.0%
		e2A/7	s7+	2982	634	461		4077	0.0%	0.2%	0.2%	0.0%	0.0%
		e2A/9A	s9A+	9532				9532	0.1%	0.0%	0.0%	0.0%	0.1%
	esi2 Total			2143398	19186	25294	193120	2380998	**24.9%**	**5.3%**	**13.4%**	**15.8%**	**22.9%**
Fine and medium sand beach	esi3	e3	s3	193908		17369	91307	302583	**2.3%**	0.0%	**9.2%**	**7.5%**	**2.9%**
		e3A	s3A	89130			672	89803	**1.0%**	0.0%	0.0%	0.1%	0.9%
		e3A/2A	s3A+	1162				1162	0.0%	0.0%	0.0%	0.0%	0.0%
		e3A/7	s7+	53460				53460	0.6%	0.0%	0.0%	0.0%	0.5%
		e3A/9A	s9A+	2818				2818	0.0%	0.0%	0.0%	0.0%	0.0%
	esi3 Total			340478		17369	91979	449826	**4.0%**	0.0%	**9.2%**	**7.5%**	**4.3%**
Mixed sand and gravel beach	esi45	e4	s4	549375			7127	556502	**6.4%**	0.0%	0.0%	0.6%	**5.4%**
		e4/2A	s4+	11308				11308	0.1%	0.0%	0.0%	0.0%	0.1%
		e4/7	s7+	61755			2443	64198	0.7%	0.0%	0.0%	0.2%	0.6%
		e4/9A	s9A+	22732				22732	0.3%	0.0%	0.0%	0.0%	0.2%
		e5	s5	912723	19222	13320	51856	997120	**10.6%**	**5.3%**	**7.1%**	**4.2%**	**9.6%**
		e5/2A	s5+	189879	1559	178	6023	197639	**2.2%**	0.4%	0.1%	0.5%	**1.9%**
		e5/3	s5+	11073		458	1412	12943	0.1%	0.0%	0.2%	0.1%	0.1%
		e5/7	s7+	170505	2860	1291	8235	182891	**2.0%**	0.8%	0.7%	0.7%	**1.8%**
		e5/7/2A	s7+	885				885	0.0%	0.0%	0.0%	0.0%	0.0%
		e5/9A	s9A+	68151	73			68225	0.8%	0.0%	0.0%	0.0%	0.7%
	esi45 Total			1998387	23715	15246	77095	2114443	**23.2%**	**6.5%**	**8.1%**	**6.3%**	**20.3%**
Gravel beach	esi6	e6A	s6A	586372	95338	31864	222863	936437	**6.8%**	**26.1%**	**16.9%**	**18.2%**	**9.0%**
		e6A/1A	s6A+	410	787	553	377	2128	0.0%	0.2%	0.3%	0.0%	0.0%
		e6A/2A	s6A+	139725	57597	21519	51581	270421	**1.6%**	**15.8%**	**11.4%**	**4.2%**	**2.6%**
		e6A/2A/7	s7+	91	482	331	170	1074	0.0%	0.1%	0.2%	0.0%	0.0%
		e6A/5	s6A+	399	378			777	0.0%	0.1%	0.0%	0.0%	0.0%
		e6A/7	s7+	51950	6206	1477	5652	65285	0.6%	**1.7%**	0.8%	0.5%	0.6%
		e6A/7/1A	s7+				234	234	0.0%	0.0%	0.0%	0.0%	0.0%
		e6A/7/2A	s7+	820				820	0.0%	0.0%	0.0%	0.0%	0.0%
		e6A/8A	s8A+		2431	340	653	3423	0.0%	0.7%	0.2%	0.1%	0.0%
		e6A/9A	s9A+	62389			326	62715	0.7%	0.0%	0.0%	0.0%	0.6%

ESI Class description	ESI Class	eESI	sSensi	Aleutians	SCAT	nonSCAT	UnAK-Umnak	TOTAL	Aleutians	SCAT	nonSCAT	UnAK-Umnak	TOTAL
		e6B	s6B				3454	3454	0.0%	0.0%	0.0%	0.3%	0.0%
		e6B/6A	s6B+				1668	1668	0.0%	0.0%	0.0%	0.1%	0.0%
	esi6 Total			842156	163219	56084	286978	1348437	**9.8%**	**44.7%**	**29.8%**	**23.4%**	**13.0%**
Exposed tidal flat	esi7	e7	s7	58496				58496	0.7%	0.0%	0.0%	0.0%	0.6%
	esi7 Total			58496				58496	0.7%	0.0%	0.0%	0.0%	0.6%
Sheltered rocky shore	esi8	e8A	s8A	60961	37575	1379	72159	172074	0.7%	**10.3%**	0.7%	**5.9%**	**1.7%**
		e8A/5	s8A+				1623	1623	0.0%	0.0%	0.0%	0.1%	0.0%
		e8A/6A	s8A+		14652		27355	42007	0.0%	**4.0%**	0.0%	**2.2%**	0.4%
		e8A/6A/7	s8A+		574			574	0.0%	0.2%	0.0%	0.0%	0.0%
		e8A/6A/8A	s8A+				708	708	0.0%	0.0%	0.0%	0.1%	0.0%
		e8A/7	s8A+	7256	446	189	1040	8931	0.1%	0.1%	0.1%	0.1%	0.1%
		e8A/9A	s9A+	30438	228	147	459	31271	0.4%	0.1%	0.1%	0.0%	0.3%
		e8B	s8B		192		2343	2534	0.0%	0.1%	0.0%	0.2%	0.0%
		e8B/7	s8B+			106		106	0.0%	0.0%	0.1%	0.0%	0.0%
		e8C	s8C				4279	4279	0.0%	0.0%	0.0%	0.3%	0.0%
		e8C/6A	s8C+				3409	3409	0.0%	0.0%	0.0%	0.3%	0.0%
		e8C/6A/7	s8C+				347	347	0.0%	0.0%	0.0%	0.0%	0.0%
		e8C/8A	s8C+				224	224	0.0%	0.0%	0.0%	0.0%	0.0%
	esi8 Total			98655	53666	1821	113946	268088	**1.1%**	**14.7%**	1.0%	**9.3%**	**2.6%**
Sheltered tidal flat and marsh	esi910	e10A	s10A	152794	28888	7135	30883	219700	**1.8%**	**7.9%**	**3.8%**	**2.5%**	**2.1%**
		e10A/2A	s10A+	265	155			420	0.0%	0.0%	0.0%	0.0%	0.0%
		e10A/2A/7	s10A+	81				81	0.0%	0.0%	0.0%	0.0%	0.0%
		e10A/3A	s10A+	294				294	0.0%	0.0%	0.0%	0.0%	0.0%
		e10A/3A/7	s10A+	1778				1778	0.0%	0.0%	0.0%	0.0%	0.0%
		e10A/4	s10A+	227			2461	2688	0.0%	0.0%	0.0%	0.2%	0.0%
		e10A/4/7	s10A+	10			156	166	0.0%	0.0%	0.0%	0.0%	0.0%
		e10A/4/9A	s10A+	370				370	0.0%	0.0%	0.0%	0.0%	0.0%
		e10A/5	s10A+	2334	2816	303	4127	9580	0.0%	0.8%	0.2%	0.3%	0.1%
		e10A/5/2A	s10A+	318				318	0.0%	0.0%	0.0%	0.0%	0.0%
		e10A/5/7	s10A+	3821		1398	440	5659	0.0%	0.0%	0.7%	0.0%	0.1%
		e10A/5/9A	s10A+	10078				10078	0.1%	0.0%	0.0%	0.0%	0.1%
		e10A/6A	s10A+	422	4187	254	7652	12515	0.0%	**1.1%**	0.1%	0.6%	0.1%
		e10A/6A/2A	s10A+	50				50	0.0%	0.0%	0.0%	0.0%	0.0%
		e10A/6A/7	s10A+	1536	2818		2966	7320	0.0%	0.8%	0.0%	0.2%	0.1%
		e10A/6A/8A	s10A+				814	814	0.0%	0.0%	0.0%	0.1%	0.0%
		e10A/6A/9A	s10A+	810	693		1154	2656	0.0%	0.2%	0.0%	0.1%	0.0%
		e10A/7	s10A+	88998	3723	506	3752	96978	**1.0%**	**1.0%**	0.3%	0.3%	0.9%
		e10A/8A	s10A+	84			170	254	0.0%	0.0%	0.0%	0.0%	0.0%
		e10A/9A	s10A+	259668	2135	1274	1389	264466	**3.0%**	0.6%	0.7%	0.1%	**2.5%**
		e10A/9A/7	s10A+	299				299	0.0%	0.0%	0.0%	0.0%	0.0%
		e9A	s9A	68909				68909	0.8%	0.0%	0.0%	0.0%	0.7%
		e9A/7	s9A+	663				663	0.0%	0.0%	0.0%	0.0%	0.0%
		e9B	s9B		5289	4798	6807	16894	0.0%	**1.4%**	**2.5%**	0.6%	0.2%
	esi910 Total			593811	50702	15669	62770	722951	**6.9%**	**13.9%**	**8.3%**	**5.1%**	**7.0%**
Unclassified	esiUnk	e	sU	241	53			294	0.0%	0.0%	0.0%	0.0%	0.0%
	esiUnk Total			241	53			294	0.0%	0.0%	0.0%	0.0%	0.0%
	Grand Total			8614507	365141	188211	1223937	10391795	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Table 5. Total kilometers of transect strips observed and recorded by each aerial observer on each survey day within the various sampling regions and habitat zones. With 2 observers, the sum of linear distance sampled is twice the distance flown by the aircraft. Aircraft distance flown while not actually observing and recording data is not tabulated.

	1	**2**	**3**	**4**	**5**	**risk area 50km radius total =**	**6**	**7**	
Region Zone	SCAT INshore	SCAT OUTshore	nonSCAT INshore	nonSCAT OUTshore	Pelagic OFFshore		UnAK-Umnak INshore	UnAK-Umnak OUTshore	**Total**
allocated total area km2	59.25	59.25	33.80	33.80	1816.92	**2003.01**	217.19	217.19	**2437.39**
stratification divisions by:	ESI segments	ESI segments	ESI segments	ESI segments	Distance zones		ESI segments	ESI segments	
n transect sections	4730	3893	1778	1558	201	**12160**	2674	2243	**17077**
sum all birds observed	23306	12462	9057	6435	2278	**53538**	23683	12323	**89544**
sum km2 observed in stratified boundaries	341.16	323.64	188.52	188.07	515.23	**1556.62**	277.03	281.63	**2115.27**
Linear km flown each day:									
05-Jan	257.09	208.99	96.78	118.15	205.54	**886.55**			**886.55**
07-Jan	265.29	0.00	147.49	0.00	212.18	**624.97**			**624.97**
08-Jan	247.10	219.81	147.86	148.06	395.60	**1158.43**			**1158.43**
10-Jan							831.69	775.28	**1606.97**
15-Jan	0.00	264.13	0.00	158.90	222.48	**645.50**			**645.50**
18-Jan	284.44	235.34	166.57	141.01	145.56	**972.91**			**972.91**
19-Jan	284.30	255.96	162.65	153.57	522.73	**1379.21**			**1379.21**
27-Jan	282.33	239.14	172.70	150.44	446.79	**1291.40**			**1291.40**
01-Feb	287.92	251.81	170.50	160.48	425.28	**1295.99**			**1295.99**
02-Feb							850.89	764.58	**1615.47**
Total linear km	1908.46	1675.18	1064.56	1030.61	2576.16	**8254.96**	1682.58	1539.86	**11477.40**
Approx. linear km * 0.2 km	381.69	335.04	212.91	206.12	515.23	**1650.99**	336.52	307.97	**2295.48**
Approx/actual area in strata	111.9%	103.5%	112.9%	109.6%	100.0%	**106.1%**	121.5%	109.4%	**108.5%**

Table 6. Actual habitat size and realized sampling effort summed for all ESI segments in each region. The nearshore water habitat was allocated to the ESI shoreline segment type based on closest distance. The area of nearshore water within 400m of the coast for each segment was then divided by 2 to provide the best estimate of the actual amount of habitat, the 200m allocation area. Shorelines were sampled with up to 7 replicates per segment by a right seat and left seat aerial observer observing a 200m strip from each side of the aircraft flown 200m off the coast along each shoreline segment. The observed segments 200m allocation area is the sum of area from all segments observed at least once. The potential for bias in the pooled total population index, given that bird density may strongly differ among the ESI classes, is related to the departure in the relative percentage of the sum of area observed from the relative percentage of actual water habitat (200m allocation) present, the 2nd and 4th columns from the right.

			Actual population of nearshore ESI class segments				Sample effort realized			% of region+zone totals					
region	zone	esiCL	N segs	Sum segment length (km)	Segment straightline area, length *.2 (km2)	**Total 200m allocation area (km2)**	Sum n replicated segments	**Sum area observed (km2)**	Observed segments 200m allocation area (km2)	N segs	Segment straightline area, length *.2 (km2)	**200m allocation area (km2)**	Sum n replicated segments	**Sum area observed (km2)**	Observed 200m allocation area (km2)
nonSCAT	INshore	esi1	77	32.4692	6.4938	**7.6312**	451	**40.1890**	7.3326	22.1%	17.3%	**22.6%**	25.4%	**21.3%**	22.2%
nonSCAT	INshore	esi1+	52	24.2594	4.8519	**4.8750**	244	**24.5546**	4.4258	14.9%	12.9%	**14.4%**	13.7%	**13.0%**	13.4%
nonSCAT	INshore	esi2	41	25.2937	5.0587	**5.7638**	220	**30.7189**	5.7586	11.7%	13.4%	**17.1%**	12.4%	**16.3%**	17.5%
nonSCAT	INshore	esi3	7	17.3691	3.4738	**3.4282**	49	**22.1056**	3.4282	2.0%	9.2%	**10.1%**	2.8%	**11.7%**	10.4%
nonSCAT	INshore	esi45	27	15.2458	3.0492	**1.8606**	143	**11.8473**	1.8472	7.7%	8.1%	**5.5%**	8.0%	**6.3%**	5.6%
nonSCAT	INshore	esi6	112	56.0837	11.2167	**9.5610**	568	**54.0114**	9.4974	32.1%	29.8%	**28.3%**	31.9%	**28.7%**	28.8%
nonSCAT	INshore	esi8	9	1.8209	0.3642	**0.3630**	51	**2.1351**	0.3630	2.6%	1.0%	**1.1%**	2.9%	**1.1%**	1.1%
nonSCAT	INshore	esi910	24	15.6686	3.1337	**0.3156**	52	**2.9547**	0.3126	6.9%	8.3%	**0.9%**	2.9%	**1.6%**	0.9%
nonSCAT	INshore Total	esi910	349	188.2106	37.6421	**33.7984**	1778	**188.5166**	32.9654						
nonSCAT	OUTshore	esi1	77	32.4692	6.4938	**7.6312**	430	**45.5677**	7.5120	22.1%	17.3%	**22.6%**	27.6%	**24.2%**	22.8%
nonSCAT	OUTshore	esi1+	52	24.2594	4.8519	**4.8750**	259	**28.4167**	4.7132	14.9%	12.9%	**14.4%**	16.6%	**15.1%**	14.3%
nonSCAT	OUTshore	esi2	41	25.2937	5.0587	**5.7638**	206	**34.6156**	5.6966	11.7%	13.4%	**17.1%**	13.2%	**18.4%**	17.3%
nonSCAT	OUTshore	esi3	7	17.3691	3.4738	**3.4282**	50	**18.3753**	3.4282	2.0%	9.2%	**10.1%**	3.2%	**9.8%**	10.4%
nonSCAT	OUTshore	esi45	27	15.2458	3.0492	**1.8606**	87	**8.5159**	1.7868	7.7%	8.1%	**5.5%**	5.6%	**4.5%**	5.4%
nonSCAT	OUTshore	esi6	112	56.0837	11.2167	**9.5610**	472	**49.3417**	9.2780	32.1%	29.8%	**28.3%**	30.3%	**26.2%**	28.2%
nonSCAT	OUTshore	esi8	9	1.8209	0.3642	**0.3630**	38	**2.4711**	0.3542	2.6%	1.0%	**1.1%**	2.4%	**1.3%**	1.1%
nonSCAT	OUTshore	esi910	24	15.6686	3.1337	**0.3156**	16	**0.7662**	0.1694	6.9%	8.3%	**0.9%**	1.0%	**0.4%**	0.5%
nonSCAT	OUTshore Total	esi910	349	188.2106	37.6421	**33.7984**	1558	**188.0702**	32.9384						
SCAT	INshore	esi1	140	33.0429	6.6086	**10.0774**	832	**46.1235**	9.6964	14.7%	9.1%	**17.0%**	17.6%	**13.5%**	16.9%
SCAT	INshore	esi1+	68	21.5563	4.3113	**4.5232**	380	**22.2816**	4.2804	7.1%	5.9%	**7.6%**	8.0%	**6.5%**	7.5%
SCAT	INshore	esi2	59	19.1860	3.8372	**4.8272**	305	**21.7032**	4.2666	6.2%	5.3%	**8.1%**	6.5%	**6.4%**	7.4%
SCAT	INshore	esi3	0	0.0000	0.0000	**0.0000**				0.0%	0.0%	**0.0%**	0.0%	**0.0%**	0.0%
SCAT	INshore	esi45	79	23.7149	4.7430	**2.8866**	291	**19.5969**	2.7634	8.3%	6.5%	**4.9%**	6.2%	**5.7%**	4.8%
SCAT	INshore	esi6	357	163.2189	32.6438	**25.8002**	1871	**168.8984**	25.4898	37.4%	44.7%	**43.5%**	39.6%	**49.5%**	44.5%
SCAT	INshore	esi8	177	53.6664	10.7333	**9.9004**	924	**54.2218**	9.6468	18.5%	14.7%	**16.7%**	19.5%	**15.9%**	16.8%
SCAT	INshore	esi910	75	50.7020	10.1404	**1.2338**	124	**8.2926**	1.1640	7.9%	13.9%	**2.1%**	2.6%	**2.4%**	2.0%
SCAT	INshore Total	esi910	955	365.0874	73.0175	**59.2488**	4727	**341.1180**	57.3074						
SCAT	OUTshore	esi1	140	33.0429	6.6086	**10.0774**	749	**58.3192**	9.8702	14.7%	9.1%	**17.0%**	19.2%	**18.0%**	17.6%
SCAT	OUTshore	esi1+	68	21.5563	4.3113	**4.5232**	297	**23.2014**	4.1450	7.1%	5.9%	**7.6%**	7.6%	**7.2%**	7.4%
SCAT	OUTshore	esi2	59	19.1860	3.8372	**4.8272**	265	**25.7576**	4.1446	6.2%	5.3%	**8.1%**	6.8%	**8.0%**	7.4%
SCAT	OUTshore	esi3	0	0.0000	0.0000	**0.0000**				0.0%	0.0%	**0.0%**	0.0%	**0.0%**	0.0%
SCAT	OUTshore	esi45	79	23.7149	4.7430	**2.8866**	198	**12.6262**	2.5338	8.3%	6.5%	**4.9%**	5.1%	**3.9%**	4.5%
SCAT	OUTshore	esi6	357	163.2189	32.6438	**25.8002**	1477	**141.3346**	24.7668	37.4%	44.7%	**43.5%**	37.9%	**43.7%**	44.1%
SCAT	OUTshore	esi8	177	53.6664	10.7333	**9.9004**	830	**57.3422**	9.7382	18.5%	14.7%	**16.7%**	21.3%	**17.7%**	17.3%
SCAT	OUTshore	esi910	75	50.7020	10.1404	**1.2338**	77	**5.0555**	0.9866	7.9%	13.9%	**2.1%**	2.0%	**1.6%**	1.8%
SCAT	OUTshore Total	esi910	955	365.0874	73.0175	**59.2488**	3893	**323.6367**	56.1852						
UnAK-Umnak	INshore	esi1	438	208.7500	41.7500	**51.7900**	599	**63.9584**	42.5576	18.0%	17.1%	**23.8%**	22.4%	**23.1%**	24.7%
UnAK-Umnak	INshore	esi1+	545	189.2996	37.8599	**37.0804**	707	**50.4290**	29.5304	22.4%	15.5%	**17.1%**	26.4%	**18.2%**	17.2%
UnAK-Umnak	INshore	esi2	147	193.1203	38.6241	**43.0582**	222	**57.3210**	40.3488	6.0%	15.8%	**19.8%**	8.3%	**20.7%**	23.4%
UnAK-Umnak	INshore	esi3	42	91.9787	18.3957	**16.8326**	69	**28.7248**	16.6278	1.7%	7.5%	**7.8%**	2.6%	**10.4%**	9.7%
UnAK-Umnak	INshore	esi45	152	77.0947	15.4189	**6.3922**	124	**6.3587**	3.5916	6.3%	6.3%	**2.9%**	4.6%	**2.3%**	2.1%
UnAK-Umnak	INshore	esi6	679	286.9780	57.3956	**44.2034**	626	**50.2924**	27.7176	27.9%	23.4%	**20.4%**	23.4%	**18.2%**	16.1%
UnAK-Umnak	INshore	esi8	318	113.9462	22.7892	**16.0712**	296	**17.7256**	10.6872	13.1%	9.3%	**7.4%**	11.1%	**6.4%**	6.2%
UnAK-Umnak	INshore	esi910	111	62.7696	12.5539	**1.7622**	31	**2.2166**	1.0544	4.6%	5.1%	**0.8%**	1.2%	**0.8%**	0.6%
UnAK-Umnak	INshore Total	esi910	2432	1223.9371	244.7874	**217.1902**	2674	**277.0265**	172.1154						
UnAK-Umnak	OUTshore	esi1	438	208.7500	41.7500	**51.7900**	553	**70.2790**	42.1770	18.0%	17.1%	**23.8%**	24.7%	**25.0%**	24.9%
UnAK-Umnak	OUTshore	esi1+	545	189.2996	37.8599	**37.0804**	595	**51.0914**	29.0888	22.4%	15.5%	**17.1%**	26.5%	**18.1%**	17.2%
UnAK-Umnak	OUTshore	esi2	147	193.1203	38.6241	**43.0582**	221	**67.6099**	40.8756	6.0%	15.8%	**19.8%**	9.9%	**24.0%**	24.1%
UnAK-Umnak	OUTshore	esi3	42	91.9787	18.3957	**16.8326**	69	**26.8001**	16.2828	1.7%	7.5%	**7.8%**	3.1%	**9.5%**	9.6%
UnAK-Umnak	OUTshore	esi45	152	77.0947	15.4189	**6.3922**	77	**3.8683**	2.9454	6.3%	6.3%	**2.9%**	3.4%	**1.4%**	1.7%
UnAK-Umnak	OUTshore	esi6	679	286.9780	57.3956	**44.2034**	466	**43.1843**	26.6340	27.9%	23.4%	**20.4%**	20.8%	**15.3%**	15.7%
UnAK-Umnak	OUTshore	esi8	318	113.9462	22.7892	**16.0712**	238	**16.8680**	10.5658	13.1%	9.3%	**7.4%**	10.6%	**6.0%**	6.2%
UnAK-Umnak	OUTshore	esi910	111	62.7696	12.5539	**1.7622**	24	**1.9249**	0.8902	4.6%	5.1%	**0.8%**	1.1%	**0.7%**	0.5%
UnAK-Umnak	OUTshore Total	esi910	2432	1223.9371	244.7874	**217.1902**	2243	**281.6259**	169.4596						

Table 7. Total area (km2) of nearshore and offshore marine habitat subdivided into the regions and zones used for aerial survey sampling and analysis. The sum of the area observed and birds of all species observed on the replicated surveys provides an overall pooled estimate of average density in each zone. Density multiplied by area provides a pooled estimate of total population size, however these pooled estimates may be biased due to unequal sampling effort and densities in various shoreline types.

	Region	**Zone**	Total allocated habitat area km2	Sum observed area km2	Sum of all birds observed of all species	Density of all birds / km2	Crude expansion factor (total area/ observed area)	Inverse of crude expansion factor (=sampling fraction)	Pooled total population index all species
1	SCAT	INshore	59.25	341.16	23,306	68.314	0.174	5.76	4,047
2	SCAT	OUTshore	59.25	323.64	12,462	38.506	0.183	5.46	2,281
3	nonSCAT	INshore	33.80	188.52	9,057	48.044	0.179	5.58	1,624
4	nonSCAT	OUTshore	33.80	188.07	6,435	34.216	0.180	5.56	1,156
5	Pelagic	OFFshore	1816.92	515.23	2,278	4.421	3.526	0.28	8,033
	risk area 50km radius total =		2003.01	1556.62	53,538				17,142
6	UnAK-Umnak	INshore	217.19	277.03	23,683	85.490	0.784	1.28	18,568
7	UnAK-Umnak	OUTshore	217.19	281.63	12,323	43.757	0.771	1.30	9,504
		Total =	4440.41	3671.89	89,544				45,213

Table 8. Estimated population indices and standard errors for birds observed on aerial transects sampling nearshore habitat on Unalaska and Umnak Islands, Jan 2005. The area was subdivided into INshore (0-200m) and OUTshore (200-400m) zones, and 3 geographic regions. For these estimates, all the ESI shoreline segment types were pooled and the mean density is a self-weighted estimate, i.e. the weights were proportional to the area sampled in each segment.

		region	SCAT				nonSCAT				UnAK-Umnak				Total	
		zone	INshore		OUTshore		INshore		OUTshore		INshore		OUTshore		Total	
		km2	59.25		59.25		33.80		33.80		217.19		217.19		620.47	
grp	sg		Pop	SE pop	Pop	SE pop	Pop	SE pop	Pop	SE pop	Pop	SE pop	Pop	SE pop	Pop	SE pop
0	0	**total**	**4047.5**	203.9	**2281.4**	154.7	**1623.8**	113.1	**1156.4**	112.3	**18567.6**	3402.6	**9503.5**	984.6	**37180.3**	3555.0
1	1	**murre**	**43.8**	5.9	**87.0**	13.5	**11.3**	3.3	**31.8**	10.9	**73.7**	17.8	**56.3**	38.2	**303.8**	46.1
1	2	**alclg**	**2.1**	1.9	**0.9**	0.6	**0.4**	0.3	**0.0**	0.0	**1.6**	2.2	**0.0**	0.0	**4.9**	2.9
1	3	**puff**	**0.7**	0.6	**0.6**	0.6	**0.4**	0.3	**0.9**	0.9	**0.0**	0.0	**0.0**	0.0	**2.5**	1.3
1	4	**pigu**	**5.4**	1.3	**7.5**	1.6	**1.3**	0.6	**1.8**	0.7	**11.7**	3.1	**0.8**	0.0	**28.5**	3.8
1	5	**alcsm**	**17.0**	4.3	**29.5**	7.0	**10.0**	4.7	**11.1**	3.6	**82.3**	51.1	**19.3**	7.5	**169.3**	52.7
1	6	**murrl**	**0.7**	0.6	**3.5**	1.2	**0.0**	0.0	**0.5**	0.3	**0.0**	0.0	**7.0**	4.3	**11.7**	4.6
2	1	**corm**	**764.0**	53.6	**260.3**	30.8	**281.7**	31.0	**136.6**	18.0	**2790.3**	439.4	**1235.5**	153.3	**5468.3**	470.8
2	2	**nofu**	**0.0**	0.0	**0.4**	0.0	**0.2**	0.0	**0.0**	0.0	**0.0**	0.0	**3.1**	3.1	**3.6**	3.1
2	3	**ftsp**	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0
2	4	**laal**	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0
2	5	**gwgu**	**254.8**	43.0	**49.6**	5.7	**140.6**	22.9	**73.0**	18.4	**1241.9**	256.5	**569.9**	143.6	**2329.7**	298.6
2	6	**megu**	**0.2**	0.0	**2.9**	1.3	**0.0**	0.0	**0.7**	0.3	**5.5**	3.1	**0.0**	0.0	**9.3**	3.4
3	1	**loon**	**7.6**	1.5	**10.6**	1.8	**1.4**	0.5	**6.1**	2.2	**29.8**	8.1	**14.7**	4.3	**70.3**	9.8
3	2	**yblo**	**0.0**	0.0	**0.6**	0.0	**0.0**	0.0	**0.5**	0.3	**0.0**	0.0	**0.0**	0.0	**1.1**	0.3
3	3	**rngr**	**4.2**	1.0	**10.1**	2.9	**0.0**	0.0	**1.3**	0.7	**7.8**	4.3	**1.5**	2.2	**24.9**	5.8
4	1	**emgo**	**697.5**	143.8	**589.5**	124.8	**272.3**	61.5	**391.9**	90.8	**6733.8**	2344.4	**1500.0**	289.1	**10185.0**	2372.3
5	1	**stei**	**163.1**	27.2	**94.3**	25.2	**84.8**	18.0	**76.6**	24.5	**576.2**	227.6	**559.9**	138.0	**1554.9**	270.5
5	2	**coei**	**41.0**	16.8	**47.2**	18.9	**8.2**	4.8	**43.9**	21.6	**257.2**	90.6	**844.5**	176.0	**1241.9**	200.8
5	3	**kiei**	**6.8**	2.1	**5.9**	2.7	**4.5**	1.9	**9.7**	5.6	**159.2**	112.8	**123.4**	64.0	**309.4**	129.8
6	1	**blsc**	**826.7**	61.3	**465.6**	39.7	**338.0**	42.1	**119.1**	17.7	**1241.1**	332.8	**2542.6**	693.9	**5533.1**	774.4
6	2	**wwsc**	**38.7**	10.1	**81.3**	12.4	**10.9**	5.8	**25.0**	5.3	**21.2**	9.5	**63.2**	19.5	**240.4**	28.1
6	3	**susc**	**0.0**	0.0	**1.3**	1.0	**0.0**	0.0	**0.2**	0.0	**0.0**	0.0	**0.8**	0.0	**2.2**	1.0
6	4	**scot**	**66.9**	14.8	**201.9**	47.4	**25.5**	7.5	**41.7**	13.6	**660.1**	143.0	**741.1**	203.1	**1737.2**	253.7
7	1	**scau**	**20.3**	7.3	**12.1**	4.9	**5.7**	2.4	**4.0**	2.7	**54.1**	31.8	**108.0**	93.3	**204.2**	99.0
7	2	**buff**	**9.9**	3.1	**3.3**	1.5	**4.1**	2.0	**15.5**	10.0	**30.6**	19.2	**5.4**	3.8	**68.8**	22.3
7	3	**gold**	**34.6**	8.5	**15.4**	5.6	**7.2**	3.0	**3.4**	1.4	**80.0**	51.0	**133.4**	116.8	**273.9**	127.9
7	4	**ltdu**	**129.9**	45.2	**123.8**	16.5	**35.3**	9.0	**82.8**	13.8	**337.1**	122.8	**503.6**	202.8	**1212.5**	242.5
7	5	**hard**	**379.3**	32.0	**124.3**	14.6	**182.3**	28.6	**52.3**	11.1	**2157.6**	337.0	**273.8**	76.2	**3169.6**	348.7
7	6	**undu**	**159.3**	47.2	**4.6**	3.0	**52.2**	18.8	**8.4**	8.1	**109.8**	57.1	**0.0**	0.0	**334.2**	76.9
7	7	**come**	**1.2**	0.8	**0.9**	0.8	**0.0**	0.0	**0.0**	0.0	**3.1**	3.1	**0.0**	0.0	**5.3**	3.3
7	8	**rbme**	**6.6**	3.2	**1.3**	0.6	**0.0**	0.0	**0.9**	0.7	**2.3**	2.2	**0.0**	0.0	**11.1**	4.0
7	9	**merg**	**90.8**	14.2	**22.7**	5.5	**19.7**	9.7	**9.0**	3.2	**227.4**	56.3	**68.6**	28.3	**438.2**	65.6
7	10	**gadw**	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**1.5**	2.2	**1.5**	2.2
7	11	**mall**	**53.0**	13.7	**2.6**	1.5	**4.7**	3.7	**0.0**	0.0	**147.4**	57.0	**67.9**	43.2	**275.5**	72.9
7	12	**agwt**	**0.3**	0.0	**0.6**	0.6	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.0**	0.0	**0.9**	0.6
8	1	**bloy**	**29.7**	8.5	**0.6**	0.0	**14.9**	6.9	**0.4**	0.3	**348.1**	118.8	**23.9**	23.2	**417.5**	121.5
8	3	**ussb**	**41.3**	28.6	**2.4**	1.9	**0.0**	0.0	**0.0**	0.0	**590.4**	400.3	**1.5**	2.2	**635.6**	401.3
9	1	**baea**	**39.4**	3.2	**0.9**	0.0	**23.7**	4.4	**3.4**	1.3	**92.5**	12.5	**11.6**	3.8	**171.5**	14.2
9	2	**cora**	**1.2**	0.6	**0.2**	0.0	**0.9**	0.8	**0.0**	0.0	**28.2**	16.5	**0.8**	0.0	**31.3**	16.6
10	1	**stsl**	**84.7**	34.3	**0.9**	0.6	**73.7**	43.9	**0.5**	0.3	**255.6**	109.6	**4.6**	4.9	**420.1**	123.0
10	2	**seot**	**4.7**	1.3	**12.6**	2.6	**7.7**	3.9	**1.8**	1.2	**66.6**	16.0	**6.2**	3.1	**99.6**	17.0
10	3	**hase**	**20.3**	7.5	**2.2**	1.0	**0.4**	0.3	**1.6**	1.4	**143.5**	41.9	**9.3**	5.3	**177.2**	42.9

Table 9. Estimated population indices and standard errors for birds observed on aerial transects sampling nearshore marine habitat on Unalaska and Umnak Islands, Jan 2005. The area was subdivided into INshore (0-200m) and OUTshore (200-400m) zones, and 3 geographic regions. Density and variance estimated for each ESI shoreline segment was expanded by the allocated water area and combined for each ESI class within each region and zone.

				ESIclass	esi1			esi1+			esi2			esi3			esi45			esi6			esi8			esi910			Total for Region+Zone		
grp	sg	sppn	region	zone	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE
0	0	total	SCAT	INshore	10.1	800.2	122.9	4.5	221.0	28.9	4.8	548.8	135.5	0.0	0.0	0.0	2.9	131.4	16.3	25.8	1833.7	127.3	9.9	592.0	77.6	1.2	117.3	38.2	59.2	4244.3	241.4
0	0		SCAT	OUTshore	10.1	357.1	63.3	4.5	137.4	34.9	4.8	259.1	56.2	0.0	0.0	0.0	2.9	138.9	33.4	25.8	1097.6	105.4	9.9	278.0	34.6	1.2	430.4	249.3	59.2	2698.4	289.8
0	0		SCAT Total	sum =	20.2	1157.2	138.2	9.0	358.4	45.3	9.7	807.9	146.7	0.0	0.0	0.0	5.8	270.3	37.1	51.6	2931.3	165.2	19.8	869.9	85.0	2.5	547.7	252.2	118.5	6942.7	377.1
0	0		nonSCAT	INshore	7.6	382.3	54.5	4.9	193.2	44.2	5.8	341.5	69.6	3.4	63.8	9.4	1.9	75.9	14.8	9.6	610.9	82.0	0.4	35.8	9.6	0.3	18.4	7.8	33.8	1721.8	130.2
0	0		nonSCAT	OUTshore	7.6	127.3	25.4	4.9	139.5	51.2	5.8	167.0	24.1	3.4	45.3	7.1	1.9	114.7	24.8	9.6	511.6	65.0	0.4	65.9	39.9	0.3	16.1	4.3	33.8	1187.4	101.7
0	0		nonSCAT Total	sum =	15.3	509.6	60.1	9.8	332.6	67.7	11.5	508.6	73.7	6.9	109.1	11.8	3.7	190.6	28.9	19.1	1122.5	104.6	0.7	101.7	41.1	0.6	34.5	8.9	67.6	2909.2	165.2
0	0		UnAK-Umnak	INshore	51.8	6165.3	1136.0	37.1	1419.5	167.5	43.1	5816.0	763.7	16.8	909.2	119.9	6.4	1349.4	390.3	44.2	2643.1	325.5	16.1	622.7	104.8	1.8	251.5	72.1	217.2	19176.6	1480.1
0	0		UnAK-Umnak	OUTshore	51.8	1922.7	413.3	37.1	866.1	129.2	43.1	3087.5	461.5	16.8	632.9	113.2	6.4	310.0	85.7	44.2	1982.4	226.0	16.1	895.5	115.0	1.8	400.0	91.3	217.2	10097.0	702.4
0	0		UnAK-Umnak Total	sum =	103.6	8087.9	1208.8	74.2	2285.6	211.5	86.1	8903.6	892.3	33.7	1542.0	164.9	12.8	1659.4	399.6	88.4	4625.5	396.3	32.1	1518.2	155.6	3.5	651.4	116.3	434.4	29273.6	1638.3
0	0	total Total		sum =	139.0	9754.8	1218.2	93.0	2976.6	226.6	107.3	10220.0	907.3	40.5	1651.2	165.3	22.3	2120.2	402.4	159.1	8679.2	441.9	52.7	2489.8	182.0	6.6	1233.7	277.9	620.5	39125.5	1689.2
1	1	murre	SCAT	INshore	10.1	7.9	2.2	4.5	1.2	0.6	4.8	3.3	1.9	0.0	0.0	0.0	2.9	4.0	2.1	25.8	15.0	2.7	9.9	10.1	3.8	1.2	1.4	1.0	59.2	42.8	6.0
1	1		SCAT	sum =	10.1	11.1	3.9	4.5	2.7	1.8	4.8	0.8	0.5	0.0	0.0	0.0	2.9	4.9	2.4	25.8	34.8	6.8	9.9	31.4	11.5	1.2	0.6	0.4	59.2	86.3	14.2
1	1		SCAT Total	sum =	20.2	19.0	4.5	9.0	4.0	1.9	9.7	4.1	2.0	0.0	0.0	0.0	5.8	8.9	3.2	51.6	49.8	7.3	19.8	41.4	12.1	2.5	2.0	1.1	118.5	129.1	15.4
1	1		nonSCAT	INshore	7.6	2.6	1.3	4.9	0.8	0.6	5.8	0.2	0.1	3.4	0.0	0.0	1.9	0.3	0.3	9.6	6.5	2.8	0.4	0.0	0.0	0.3	0.4	0.4	33.8	10.7	3.1
1	1		nonSCAT	sum =	7.6	2.7	0.9	4.9	1.3	0.6	5.8	3.4	1.5	3.4	2.2	1.3	1.9	17.2	15.3	9.6	9.6	4.2	0.4	1.3	0.8	0.3	0.0	0.0	33.8	37.6	16.0
1	1		nonSCAT Total	sum =	15.3	5.3	1.6	9.8	2.0	0.8	11.5	3.5	1.5	6.9	2.2	1.3	3.7	17.5	15.3	19.1	16.0	5.0	0.7	1.3	0.8	0.6	0.4	0.4	67.6	48.4	16.3
1	1		UnAK-Umnak	INshore	51.8	13.6	4.9	37.1	15.2	6.0	43.1	6.9	3.9	16.8	0.5	0.5	6.4	0.0	0.0	44.2	23.5	7.6	16.1	43.0	19.8	1.8	0.0	0.0	217.2	102.6	22.9
1	1		UnAK-Umnak	sum =	51.8	2.8	1.4	37.1	5.6	1.5	43.1	40.4	33.2	16.8	0.0	0.0	6.4	1.5	0.9	44.2	3.6	1.5	16.1	1.9	0.9	1.8	0.0	0.0	217.2	55.9	33.3
1	1		UnAK-Umnak Total	sum =	103.6	16.3	5.1	74.2	20.8	6.1	86.1	47.3	33.5	33.7	0.5	0.5	12.8	1.5	0.9	88.4	27.1	7.8	32.1	44.9	19.8	3.5	0.0	0.0	434.4	158.5	40.4
1	1	murre Total		sum =	139.0	40.6	6.9	93.0	26.8	6.5	107.3	55.0	33.5	40.5	2.7	1.4	22.3	27.8	15.6	159.1	92.9	11.8	52.7	87.7	23.2	6.6	2.4	1.1	620.5	336.0	46.3
1	2	alclg	SCAT	sum =	10.1	0.0	0.0	4.5	0.1	0.1	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	1.9	1.9	9.9	0.0	0.0	1.2	0.0	0.0	59.2	2.0	1.9
1	2		SCAT	OUTshore	10.1	0.0	0.0	4.5	0.5	0.5	4.8	0.4	0.3	0.0	0.0	0.0	2.9	0.2	0.2	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	1.1	0.6
1	2		SCAT Total	OUTshore	20.2	0.0	0.0	9.0	0.6	0.5	9.7	0.4	0.3	0.0	0.0	0.0	5.8	0.2	0.2	51.6	1.9	1.9		0.0	0.0	2.5	0.0	0.0	118.5	3.1	2.0
1	2		nonSCAT	sum =	7.6	0.3	0.3	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.3	0.3
1	2		nonSCAT	OUTshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
1	2		nonSCAT Total	OUTshore	15.3	0.3	0.3	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.0	0.0		0.0	0.0	0.6	0.0	0.0	67.6	0.3	0.3
1	2		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	1.9	1.5	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	1.9	1.5
1	2		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
1	2		UnAK-Umnak Total	OUTshore	103.6	0.0	0.0	74.2	0.0	0.0	86.1	1.9	1.5	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	1.9	1.5
1	2	alclg Total		sum =	139.0	0.3	0.3	93.0	0.6	0.5	107.3	2.3	1.5	40.5	0.0	0.0	22.3	0.2	0.2	159.1	1.9	1.9		0.0	0.0	6.6	0.0	0.0	620.5	5.3	2.5
1	3	puff	SCAT	INshore	10.1	0.4	0.4	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.2	0.2	25.8	0.1	0.1		0.0	0.0	1.2	0.0	0.0	59.2	0.8	0.5
1	3		SCAT	OUTshore	10.1	0.4	0.4	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.4	0.4
1	3		SCAT Total	sum =	20.2	0.8	0.6	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.2	0.2	51.6	0.1	0.1		0.0	0.0	2.5	0.0	0.0	118.5	1.1	0.6
1	3		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.4	0.4		0.0	0.0	0.3	0.0	0.0	33.8	0.4	0.4
1	3		nonSCAT	OUTshore	7.6	0.9	0.8	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.9	0.8
1	3		nonSCAT Total	sum =	15.3	0.9	0.8	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.4	0.4		0.0	0.0	0.6	0.0	0.0	67.6	1.3	0.9
1	3		UnAK-Umnak	INshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
1	3		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
1	3		UnAK-Umnak Total	sum =	103.6	0.0	0.0	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	0.0	0.0
1	3	puff Total		sum =	139.0	1.6	1.0	93.0	0.0	0.0	107.3	0.0	0.0	40.5	0.0	0.0	22.3	0.2	0.2	159.1	0.6	0.4		0.0	0.0	6.6	0.0	0.0	620.5	2.4	1.1
1	4	pigu	SCAT	INshore	10.1	1.9	0.9	4.5	0.2	0.2	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.2	0.1	25.8	1.5	0.6		1.4	0.8	1.2	0.2	0.2	59.2	5.4	1.4
1	4		SCAT	sum =	10.1	1.3	0.7	4.5	0.3	0.3	4.8	0.6	0.4	0.0	0.0	0.0	2.9	0.8	0.4	25.8	2.0	0.9		1.1	0.5	1.2	0.8	0.4	59.2	6.9	1.5
1	4		SCAT Total	sum =	20.2	3.2	1.1	9.0	0.5	0.3	9.7	0.6	0.4	0.0	0.0	0.0	5.8	1.0	0.4	51.6	3.6	1.1		2.5	0.9	2.5	1.0	0.5	118.5	12.3	2.0
1	4		nonSCAT	INshore	7.6	0.1	0.1	4.9	0.8	0.6	5.8	0.0	0.0	3.4	0.3	0.3	1.9	0.0	0.0	9.6	0.2	0.2		0.0	0.0	0.3	0.0	0.0	33.8	1.4	0.7
1	4		nonSCAT	sum =	7.6	0.2	0.2	4.9	0.3	0.2	5.8	0.3	0.3	3.4	0.0	0.0	1.9	0.2	0.2	9.6	0.8	0.5		0.0	0.0	0.3	0.0	0.0	33.8	1.8	0.7
1	4		nonSCAT Total	sum =	15.3	0.3	0.2	9.8	1.1	0.6	11.5	0.3	0.3	6.9	0.3	0.3	3.7	0.2	0.2	19.1	1.0	0.6		0.0	0.0	0.6	0.0	0.0	67.6	3.2	1.0
1	4		UnAK-Umnak	INshore	51.8	0.7	0.8	37.1	4.5	2.0	43.1	1.3	0.1	16.8	0.0	0.0	6.4	0.0	0.0	44.2	8.9	2.5		0.0	0.0	1.8	0.0	0.0	217.2	15.4	3.3
1	4		UnAK-Umnak	sum =	51.8	0.6	0.5	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.6	0.5
1	4		UnAK-Umnak Total	sum =	103.6	1.3	1.0	74.2	4.5	2.0	86.1	1.3	0.1	33.7	0.0	0.0	12.8	0.0	0.0	88.4	8.9	2.5		0.0	0.0	3.5	0.0	0.0	434.4	16.0	3.4
1	4	pigu Total		sum =	139.0	4.8	1.5	93.0	6.1	2.1	107.3	2.2	0.5	40.5	0.3	0.3	22.3	1.2	0.4	159.1	13.5	2.8		2.5	0.9	6.6	1.0	0.5	620.5	31.5	4.0
1	5	alcsm	SCAT	sum =	10.1	1.7	0.8	4.5	0.6	0.4	4.8	0.0	0.0	0.0	0.0	0.0	2.9	1.1	1.1	25.8	9.6	3.5		3.0	1.4	1.2	0.0	0.0	59.2	16.0	4.0
1	5		SCAT	OUTshore	10.1	4.1	1.9	4.5	2.1	2.1	4.8	1.0	0.7	0.0	0.0	0.0	2.9	5.1	4.6	25.8	14.6	4.9		3.0	1.3	1.2	0.0	0.0	59.2	29.8	7.4
1	5		SCAT Total	OUTshore	20.2	5.7	2.1	9.0	2.6	2.1	9.7	1.0	0.7	0.0	0.0	0.0	5.8	6.2	4.8	51.6	24.2	6.0		6.0	1.9	2.5	0.0	0.0	118.5	45.8	8.5
1	5		nonSCAT	sum =	7.6	3.0	2.9	4.9	0.2	0.2	5.8	0.8	0.8	3.4	2.1	2.1	1.9	0.0	0.0	9.6	2.1	1.2		0.0	0.0	0.3	0.0	0.0	33.8	8.2	3.9
1	5		nonSCAT	OUTshore	7.6	1.6	0.8	4.9	0.3	0.3	5.8	2.1	1.1	3.4	3.2	2.8	1.9	2.3	1.4	9.6	1.8	1.0		0.4	0.4	0.3	0.0	0.0	33.8	11.6	3.6
1	5		nonSCAT Total	OUTshore	15.3	4.5	3.0	9.8	0.5	0.3	11.5	2.8	1.4	6.9	5.4	3.5	3.7	2.3	1.4	19.1	4.0	1.6		0.4	0.4	0.6	0.0	0.0	67.6	19.8	5.3
1	5		UnAK-Umnak	sum =	51.8	51.6	27.3	37.1	0.0	0.0	43.1	20.2	15.1	16.8	0.5	0.5	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	72.3	31.2
1	5		UnAK-Umnak	OUTshore	51.8	10.8	6.0	37.1	0.0	0.0	43.1	4.3	3.1	16.8	0.0	0.0	6.4	0.0	0.0	44.2	2.4	1.9		0.0	0.0	1.8	0.0	0.0	217.2	17.5	7.0
1	5		UnAK-Umnak Total	OUTshore	103.6	62.4	27.9	74.2	0.0	0.0	86.1	24.5	15.4	33.7	0.5	0.5	12.8	0.0	0.0	88.4	2.4	1.9		0.0	0.0	3.5	0.0	0.0	434.4	89.7	32.0
1	5	alcsm Total		sum =	139.0	72.7	28.2	93.0	3.1	2.2	107.3	28.3	15.5	40.5	5.8	3.5	22.3	8.6	5.0	159.1	30.6	6.5		6.4	1.9	6.6	0.0	0.0	620.5	155.4	33.5
1	6	murrl	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.1	0.1	25.8	0.3	0.3		0.0	0.0	1.2	0.0	0.0	59.2	0.4	0.3
1	6		SCAT	OUTshore	10.1	1.7	0.9	4.5	0.3	0.3	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	1.6	0.8		0.3	0.3	1.2	0.0	0.0	59.2	3.8	1.3
1	6		SCAT Total	sum =	20.2	1.7	0.9	9.0	0.3	0.3	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.1	0.1	51.6	1.9	0.8		0.3	0.3	2.5	0.0	0.0	118.5	4.2	1.3
1	6		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
1	6		nonSCAT	OUTshore	7.6	0.2	0.1	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.4	0.3		0.0	0.0	0.3	0.0	0.0	33.8	0.6	0.3
1	6		nonSCAT Total	sum =	15.3	0.2	0.1	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.4	0.3		0.0	0.0	0.6	0.0	0.0	67.6	0.6	0.3
1	6		UnAK-Umnak	INshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
1	6		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	5.2	3.4	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	5.2	3.4
1	6		UnAK-Umnak Total	sum =	103.6	0.0	0.0	74.2	0.0	0.0	86.1	5.2	3.4	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	5.2	3.4
1	6	murrl Total		sum =	139.0	1.8	0.9	93.0	0.3	0.3	107.3	5.2	3.4	40.5	0.0	0.0	22.3	0.1	0.1	159.1	2.3	0.9		0.3	0.3	6.6	0.0	0.0	620.5	10.0	3.6

				ESIclass	esi1			esi1+			esi2			esi3			esi45			esi6			esi8			esi910			Total for Region+Zone		
grp	sg	sppn	region	zone	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE
2	1	corm	SCAT	INshore	10.1	261.9	42.1	4.5	94.0	16.9	4.8	236.3	111.2	0.0	0.0	0.0	2.9	13.6	4.3	25.8	273.0	23.9		38.8	8.2	1.2	1.3	0.9	59.2	919.0	122.8
2	1		SCAT	sum =	10.1	30.9	5.7	4.5	36.5	12.1	4.8	42.6	14.1	0.0	0.0	0.0	2.9	4.5	1.6	25.8	111.8	17.0		28.7	7.7	1.2	2.3	0.9	59.2	257.4	27.0
2	1		SCAT Total	sum =	20.2	292.8	42.4	9.0	130.5	20.8	9.7	278.9	112.1	0.0	0.0	0.0	5.8	18.1	4.6	51.6	384.8	29.3		67.6	11.2	2.5	3.6	1.3	118.5	1176.4	125.7
2	1		nonSCAT	INshore	7.6	109.2	21.0	4.9	35.1	9.1	5.8	75.5	26.1	3.4	2.7	1.7	1.9	8.0	3.3	9.6	122.9	30.5		1.0	0.9	0.3	0.2	0.2	33.8	354.5	46.3
2	1		nonSCAT	sum =	7.6	24.6	5.3	4.9	16.2	2.7	5.8	24.5	11.4	3.4	6.6	4.2	1.9	2.1	1.3	9.6	60.5	10.7		1.0	0.5	0.3	0.0	0.0	33.8	135.4	17.3
2	1		nonSCAT Total	sum =	15.3	133.8	21.7	9.8	51.3	9.5	11.5	99.9	28.5	6.9	9.3	4.5	3.7	10.1	3.5	19.1	183.4	32.3		2.0	1.1	0.6	0.2	0.2	67.6	490.0	49.5
2	1		UnAK-Umnak	INshore	51.8	1282.3	191.1	37.1	368.5	71.1	43.1	702.6	158.3	16.8	7.7	3.6	6.4	18.8	9.0	44.2	529.1	136.3		213.5	90.7	1.8	0.9	0.7	217.2	3123.4	305.8
2	1		UnAK-Umnak	sum =	51.8	342.4	58.9	37.1	177.0	48.0	43.1	396.8	66.0	16.8	17.8	9.7	6.4	7.2	2.3	44.2	540.4	147.2		30.6	11.2	1.8	0.0	0.0	217.2	1512.4	179.0
2	1		UnAK-Umnak Total	sum =	103.6	1624.7	200.0	74.2	545.5	85.8	86.1	1099.4	171.5	33.7	25.5	10.4	12.8	26.0	9.3	88.4	1069.5	200.6		244.2	91.4	3.5	0.9	0.7	434.4	4635.8	354.3
2	1	corm Total		sum =	139.0	2051.4	205.6	93.0	727.4	88.8	107.3	1478.3	206.8	40.5	34.8	11.3	22.3	54.2	11.0	159.1	1637.7	205.3		313.7	92.1	6.6	4.7	1.4	620.5	6302.2	379.2
2	2	nofu	SCAT	sum =	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.0	0.0
2	2		SCAT	OUTshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.3	0.3		0.0	0.0	1.2	0.0	0.0	59.2	0.3	0.3
2	2		SCAT Total	OUTshore	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	51.6	0.3	0.3		0.0	0.0	2.5	0.0	0.0	118.5	0.3	0.3
2	2		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.2	0.2		0.0	0.0	0.3	0.0	0.0	33.8	0.2	0.2
2	2		nonSCAT	OUTshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
2	2		nonSCAT Total	OUTshore	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.2	0.2		0.0	0.0	0.6	0.0	0.0	67.6	0.2	0.2
2	2		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
2	2		UnAK-Umnak	OUTshore	51.8	2.6	2.3	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	2.6	2.3
2	2		UnAK-Umnak Total	OUTshore	103.6	2.6	2.3	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	2.6	2.3
2	2	nofu Total		sum =	139.0	2.6	2.3	93.0	0.0	0.0	107.3	0.0	0.0	40.5	0.0	0.0	22.3	0.0	0.0	159.1	0.5	0.4		0.0	0.0	6.6	0.0	0.0	620.5	3.1	2.4
2	3	ftsp	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.0	0.0
2	3		SCAT	OUTshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.0	0.0
2	3		SCAT Total	sum =	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	51.6	0.0	0.0		0.0	0.0	2.5	0.0	0.0	118.5	0.0	0.0
2	3		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
2	3		nonSCAT	OUTshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
2	3		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.0	0.0		0.0	0.0	0.6	0.0	0.0	67.6	0.0	0.0
2	3		UnAK-Umnak	INshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
2	3		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
2	3		UnAK-Umnak Total	sum =	103.6	0.0	0.0	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	0.0	0.0
2	3	lesp Total		sum =	139.0	0.0	0.0	93.0	0.0	0.0	107.3	0.0	0.0	40.5	0.0	0.0	22.3	0.0	0.0	159.1	0.0	0.0		0.0	0.0	6.6	0.0	0.0	620.5	0.0	0.0
2	4	laal	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.0	0.0
2	4		SCAT	sum =	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.0	0.0
2	4		SCAT Total	sum =	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	51.6	0.0	0.0		0.0	0.0	2.5	0.0	0.0	118.5	0.0	0.0
2	4		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
2	4		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
2	4		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.0	0.0		0.0	0.0	0.6	0.0	0.0	67.6	0.0	0.0
2	4		UnAK-Umnak	INshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
2	4		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
2	4		UnAK-Umnak Total	sum =	103.6	0.0	0.0	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	0.0	0.0
2	4	laal Total		sum =	139.0	0.0	0.0	93.0	0.0	0.0	107.3	0.0	0.0	40.5	0.0	0.0	22.3	0.0	0.0	159.1	0.0	0.0		0.0	0.0	6.6	0.0	0.0	620.5	0.0	0.0
2	5	gwgu	SCAT	sum =	10.1	30.2	4.9	4.5	14.9	3.2	4.8	39.2	9.0	0.0	0.0	0.0	2.9	5.7	2.7	25.8	137.3	29.9		6.0	1.1	1.2	0.9	0.5	59.2	234.2	31.9
2	5		SCAT	OUTshore	10.1	4.7	1.4	4.5	2.3	0.8	4.8	12.0	3.8	0.0	0.0	0.0	2.9	3.1	1.0	25.8	21.6	4.0		6.0	1.6	1.2	1.5	1.0	59.2	51.3	6.1
2	5		SCAT Total	OUTshore	20.2	34.9	5.1	9.0	17.3	3.3	9.7	51.2	9.8	0.0	0.0	0.0	5.8	8.8	2.8	51.6	159.0	30.2		12.0	1.9	2.5	2.4	1.1	118.5	285.5	32.5
2	5		nonSCAT	sum =	7.6	54.6	12.2	4.9	13.8	4.6	5.8	19.9	5.5	3.4	7.3	3.0	1.9	10.3	6.4	9.6	59.4	27.6		1.2	0.9	0.3	0.0	0.0	33.8	166.4	31.8
2	5		nonSCAT	OUTshore	7.6	15.1	6.1	4.9	5.2	2.6	5.8	13.3	7.5	3.4	6.6	3.2	1.9	1.6	0.7	9.6	38.9	27.9		0.8	0.4	0.3	4.1	1.9	33.8	85.6	29.9
2	5		nonSCAT Total	OUTshore	15.3	69.7	13.7	9.8	18.9	5.2	11.5	33.2	9.3	6.9	13.9	4.4	3.7	11.9	6.4	19.1	98.3	39.3		2.0	0.9	0.6	4.1	1.9	67.6	252.0	43.7
2	5		UnAK-Umnak	sum =	51.8	304.3	97.5	37.1	262.6	117.5	43.1	371.6	110.8	16.8	59.1	19.6	6.4	514.0	270.4	44.2	216.7	40.0		8.5	2.8	1.8	3.4	1.6	217.2	1740.3	332.7
2	5		UnAK-Umnak	OUTshore	51.8	37.8	7.0	37.1	58.5	17.3	43.1	126.8	37.8	16.8	20.8	10.9	6.4	2.6	1.6	44.2	337.3	114.0		11.8	3.6	1.8	0.0	0.0	217.2	595.5	122.1
2	5		UnAK-Umnak Total	OUTshore	103.6	342.1	97.7	74.2	321.1	118.7	86.1	498.4	117.0	33.7	80.0	22.4	12.8	516.6	270.4	88.4	554.0	120.8		20.3	4.6	3.5	3.4	1.6	434.4	2335.8	354.4
2	5	gwgu Total		sum =	139.0	446.6	98.8	93.0	357.3	118.9	107.3	582.8	117.8	40.5	93.9	22.9	22.3	537.3	270.5	159.1	811.2	130.5		34.2	5.1	6.6	10.0	2.8	620.5	2873.3	358.5
2	6	megu	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.1	0.1		0.0	0.0	1.2	0.0	0.0	59.2	0.1	0.1
2	6		SCAT	OUTshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.4	0.3	25.8	0.9	0.8		1.4	0.9	1.2	0.0	0.0	59.2	2.7	1.3
2	6		SCAT Total	sum =	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.4	0.3	51.6	1.1	0.8		1.4	0.9	2.5	0.0	0.0	118.5	2.9	1.3
2	6		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
2	6		nonSCAT	OUTshore	7.6	0.2	0.2	4.9	0.0	0.0	5.8	0.2	0.2	3.4	0.4	0.2	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.7	0.3
2	6		nonSCAT Total	sum =	15.3	0.2	0.2	9.8	0.0	0.0	11.5	0.2	0.2	6.9	0.4	0.2	3.7	0.0	0.0	19.1	0.0	0.0		0.0	0.0	0.6	0.0	0.0	67.6	0.7	0.3
2	6		UnAK-Umnak	INshore	51.8	2.7	1.9	37.1	0.4	0.3	43.1	0.6	0.6	16.8	0.0	0.0	6.4	1.3	1.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	5.0	2.2
2	6		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
2	6		UnAK-Umnak Total	sum =	103.6	2.7	1.9	74.2	0.4	0.3	86.1	0.6	0.6	33.7	0.0	0.0	12.8	1.3	1.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	5.0	2.2
2	6	megu Total		sum =	139.0	2.8	1.9	93.0	0.4	0.3	107.3	0.8	0.6	40.5	0.4	0.2	22.3	1.6	1.0	159.1	1.1	0.8		1.4	0.9	6.6	0.0	0.0	620.5	8.5	2.6
3	1	loon	SCAT	INshore	10.1	1.4	0.5	4.5	0.1	0.1	4.8	0.4	0.3	0.0	0.0	0.0	2.9	0.3	0.2	25.8	2.8	0.9		1.7	0.6	1.2	0.6	0.4	59.2	7.3	1.4
3	1		SCAT	sum =	10.1	1.3	0.7	4.5	0.5	0.4	4.8	0.9	0.4	0.0	0.0	0.0	2.9	1.2	0.6	25.8	5.3	1.2		1.1	0.5	1.2	0.3	0.3	59.2	10.8	1.7
3	1		SCAT Total	sum =	20.2	2.7	0.9	9.0	0.7	0.4	9.7	1.3	0.6	0.0	0.0	0.0	5.8	1.5	0.6	51.6	8.1	1.5		2.9	0.8	2.5	0.9	0.5	118.5	18.0	2.2
3	1		nonSCAT	INshore	7.6	0.4	0.4	4.9	0.0	0.0	5.8	0.3	0.3	3.4	0.3	0.2	1.9	0.1	0.1	9.6	0.3	0.2		0.0	0.0	0.3	0.0	0.0	33.8	1.5	0.6
3	1		nonSCAT	sum =	7.6	1.0	0.5	4.9	1.5	0.9	5.8	0.7	0.4	3.4	0.2	0.2	1.9	0.2	0.2	9.6	1.1	0.7		0.2	0.1	0.3	0.0	0.0	33.8	4.9	1.3
3	1		nonSCAT Total	sum =	15.3	1.4	0.6	9.8	1.5	0.9	11.5	1.0	0.5	6.9	0.5	0.3	3.7	0.3	0.2	19.1	1.4	0.7		0.2	0.1	0.6	0.0	0.0	67.6	6.4	1.5
3	1		UnAK-Umnak	INshore	51.8	5.1	1.9	37.1	4.8	2.3	43.1	5.9	2.3	16.8	0.5	0.5	6.4	1.0	0.7	44.2	5.2	1.6		8.3	5.2	1.8	0.0	0.0	217.2	30.9	6.7
3	1		UnAK-Umnak	sum =	51.8	2.1	1.2	37.1	3.4	1.6	43.1	1.9	1.4	16.8	0.0	0.0	6.4	0.0	0.0	44.2	3.9	1.6		3.4	1.9	1.8	0.0	0.0	217.2	14.7	3.5
3	1		UnAK-Umnak Total	sum =	103.6	7.2	2.3	74.2	8.2	2.8	86.1	7.9	2.7	33.7	0.5	0.5	12.8	1.0	0.7	88.4	9.1	2.3		11.8	5.5	3.5	0.0	0.0	434.4	45.6	7.5
3	1	loon Total		sum =	139.0	11.3	2.5	93.0	10.3	2.9	107.3	10.2	2.8	40.5	1.1	0.6	22.3	2.8	1.0	159.1	18.6	2.8		14.9	5.6	6.6	0.9	0.5	620.5	70.0	8.0
3	2	yblo	SCAT	sum =	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.0	0.0
3	2		SCAT	OUTshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.2	0.2	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.2	0.2		0.1	0.1	1.2	0.0	0.0	59.2	0.5	0.3
3	2		SCAT Total	OUTshore	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.2	0.2	0.0	0.0	0.0	5.8	0.0	0.0	51.6	0.2	0.2		0.1	0.1	2.5	0.0	0.0	118.5	0.5	0.3
3	2		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0

				ESIclass	esi1			esi1+			esi2			esi3			esi45			esi6			esi8			esi910			Total for Region+Zone		
grp	sg	sppn	region	zone	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE
3	2		nonSCAT	OUTshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.3	0.3	9.6	0.0	0.0		0.1	0.1	0.3	0.0	0.0	33.8	0.4	0.3
3	2		nonSCAT Total	OUTshore	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.3	0.3	19.1	0.0	0.0		0.1	0.1	0.6	0.0	0.0	67.6	0.4	0.3
3	2		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
3	2		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
3	2		UnAK-Umnak Total	OUTshore	103.6	0.0	0.0	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	0.0	0.0
3	2	yblo Total		sum =	139.0	0.0	0.0	93.0	0.0	0.0	107.3	0.2	0.2	40.5	0.0	0.0	22.3	0.3	0.3	159.1	0.2	0.2		0.3	0.2	6.6	0.0	0.0	620.5	0.9	0.4
3	3	rngr	SCAT	INshore	10.1	0.9	0.6	4.5	0.0	0.0	4.8	0.6	0.4	0.0	0.0	0.0	2.9	0.1	0.1	25.8	1.5	0.6		0.7	0.3	1.2	0.0	0.0	59.2	3.8	1.0
3	3		SCAT	OUTshore	10.1	0.8	0.4	4.5	0.0	0.0	4.8	0.2	0.2	0.0	0.0	0.0	2.9	0.0	0.0	25.8	12.2	4.6		0.5	0.3	1.2	0.2	0.2	59.2	13.9	4.6
3	3		SCAT Total	sum =	20.2	1.7	0.7	9.0	0.0	0.0	9.7	0.7	0.4	0.0	0.0	0.0	5.8	0.1	0.1	51.6	13.7	4.6		1.2	0.5	2.5	0.2	0.2	118.5	17.7	4.7
3	3		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
3	3		nonSCAT	OUTshore	7.6	0.2	0.2	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.3	0.3	9.6	0.7	0.5		0.0	0.0	0.3	0.0	0.0	33.8	1.3	0.7
3	3		nonSCAT Total	sum =	15.3	0.2	0.2	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.3	0.3	19.1	0.7	0.5		0.0	0.0	0.6	0.0	0.0	67.6	1.3	0.7
3	3		UnAK-Umnak	INshore	51.8	1.3	1.0	37.1	0.0	0.0	43.1	6.8	2.9	16.8	0.5	0.5	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	8.5	3.1
3	3		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	1.1	1.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	1.1	1.0
3	3		UnAK-Umnak Total	sum =	103.6	1.3	1.0	74.2	0.0	0.0	86.1	7.8	3.1	33.7	0.5	0.5	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	9.6	3.3
3	3	rngr Total		sum =	139.0	3.3	1.3	93.0	0.0	0.0	107.3	8.6	3.1	40.5	0.5	0.5	22.3	0.5	0.4	159.1	14.4	4.6		1.2	0.5	6.6	0.2	0.2	620.5	28.6	5.8
4	1	emgo	SCAT	INshore	10.1	179.5	107.9	4.5	44.2	20.6	4.8	128.6	60.2	0.0	0.0	0.0	2.9	12.0	7.0	25.8	366.2	93.1		3.4	3.2	1.2	0.0	0.0	59.2	733.9	156.2
4	1		SCAT	sum =	10.1	150.9	60.1	4.5	56.4	29.1	4.8	104.7	51.4	0.0	0.0	0.0	2.9	8.0	7.9	25.8	280.7	87.1		4.7	4.7	1.2	391.0	247.3	59.2	996.5	275.5
4	1		SCAT Total	sum =	20.2	330.4	123.5	9.0	100.6	35.7	9.7	233.3	79.2	0.0	0.0	0.0	5.8	20.0	10.6	51.6	646.9	127.5		8.1	5.7	2.5	391.0	247.3	118.5	1730.4	316.7
4	1		nonSCAT	INshore	7.6	53.8	23.1	4.9	101.0	41.6	5.8	71.4	24.7	3.4	0.0	0.0	1.9	6.3	4.8	9.6	55.2	30.0		0.0	0.0	0.3	0.0	0.0	33.8	287.8	61.6
4	1		nonSCAT	sum =	7.6	40.5	22.2	4.9	74.2	50.3	5.8	63.9	18.7	3.4	0.0	0.0	1.9	0.0	0.0	9.6	134.4	33.1		39.5	37.9	0.3	0.0	0.0	33.8	352.5	76.8
4	1		nonSCAT Total	sum =	15.3	94.3	32.1	9.8	175.3	65.2	11.5	135.3	31.0	6.9	0.0	0.0	3.7	6.3	4.8	19.1	189.5	44.7		39.5	37.9	0.6	0.0	0.0	67.6	640.3	98.5
4	1		UnAK-Umnak	INshore	51.8	2439.2	1130.4	37.1	175.9	53.9	43.1	2613.4	561.4	16.8	321.9	113.3	6.4	683.1	277.4	44.2	396.5	154.3		7.1	5.9	1.8	0.0	0.0	217.2	6637.2	1307.5
4	1		UnAK-Umnak	sum =	51.8	237.3	79.8	37.1	214.2	71.6	43.1	636.5	173.5	16.8	9.7	5.2	6.4	45.5	19.8	44.2	238.6	75.0		35.2	14.4	1.8	81.8	16.9	217.2	1498.8	219.4
4	1		UnAK-Umnak Total	sum =	103.6	2676.5	1133.2	74.2	390.0	89.6	86.1	3249.9	587.6	33.7	331.7	113.4	12.8	728.6	278.1	88.4	635.1	171.6		42.3	15.5	3.5	81.8	16.9	434.4	8136.0	1325.8
4	1	emgo Total		sum =	139.0	3101.3	1140.4	93.0	665.9	116.4	107.3	3618.6	593.7	40.5	331.7	113.4	22.3	754.9	278.4	159.1	1471.6	218.3		89.9	41.3	6.6	472.9	247.8	620.5	10506.8	1366.6
5	1	stei	SCAT	sum =	10.1	22.5	10.9	4.5	3.1	2.0	4.8	18.7	11.9	0.0	0.0	0.0	2.9	22.0	7.2	25.8	68.7	16.5		17.4	8.6	1.2	0.0	0.0	59.2	152.5	25.7
5	1		SCAT	OUTshore	10.1	6.0	3.0	4.5	0.0	0.0	4.8	17.7	12.9	0.0	0.0	0.0	2.9	12.6	7.5	25.8	49.9	19.0		15.6	11.7	1.2	2.9	1.5	59.2	104.6	27.0
5	1		SCAT Total	OUTshore	20.2	28.5	11.3	9.0	3.1	2.0	9.7	36.4	17.5	0.0	0.0	0.0	5.8	34.6	10.4	51.6	118.6	25.1		33.0	14.5	2.5	2.9	1.5	118.5	257.1	37.3
5	1		nonSCAT	sum =	7.6	10.4	4.2	4.9	4.8	3.3	5.8	5.7	3.2	3.4	17.2	7.9	1.9	0.0	0.0	9.6	30.2	11.5		2.0	1.9	0.3	7.2	5.1	33.8	77.5	16.3
5	1		nonSCAT	OUTshore	7.6	10.2	6.4	4.9	9.9	6.4	5.8	1.6	1.1	3.4	0.6	0.6	1.9	0.0	0.0	9.6	61.9	31.8		0.0	0.0	0.3	3.7	1.9	33.8	87.9	33.2
5	1		nonSCAT Total	OUTshore	15.3	20.6	7.7	9.8	14.7	7.2	11.5	7.3	3.4	6.9	17.9	7.9	3.7	0.0	0.0	19.1	92.1	33.9		2.0	1.9	0.6	10.9	5.5	67.6	165.4	36.9
5	1		UnAK-Umnak	sum =	51.8	278.4	133.2	37.1	30.5	16.6	43.1	196.5	89.4	16.8	0.0	0.0	6.4	0.0	0.0	44.2	3.2	2.6		0.0	0.0	1.8	1.9	1.5	217.2	510.5	161.3
5	1		UnAK-Umnak	OUTshore	51.8	14.1	10.7	37.1	122.4	59.8	43.1	272.5	89.1	16.8	37.8	21.3	6.4	35.1	22.6	44.2	55.7	26.4		28.8	22.6	1.8	13.8	7.0	217.2	580.1	117.6
5	1		UnAK-Umnak Total	OUTshore	103.6	292.5	133.6	74.2	152.9	62.0	86.1	469.0	126.2	33.7	37.8	21.3	12.8	35.1	22.6	88.4	58.9	26.5		28.8	22.6	3.5	15.7	7.1	434.4	1090.7	199.6
5	1	stei Total		sum =	139.0	341.5	134.3	93.0	170.7	62.5	107.3	512.7	127.4	40.5	55.7	22.7	22.3	69.7	24.9	159.1	269.6	49.8		63.8	26.9	6.6	29.5	9.1	620.5	1513.2	206.4
5	2	coei	SCAT	INshore	10.1	0.1	0.1	4.5	0.0	0.0	4.8	27.8	17.6	0.0	0.0	0.0	2.9	2.2	2.1	25.8	22.5	17.0		0.7	0.5	1.2	0.0	0.0	59.2	53.3	24.6
5	2		SCAT	OUTshore	10.1	5.7	4.7	4.5	0.0	0.0	4.8	7.3	6.7	0.0	0.0	0.0	2.9	1.5	1.5	25.8	26.4	14.0		0.0	0.0	1.2	0.0	0.0	59.2	40.9	16.3
5	2		SCAT Total	sum =	20.2	5.9	4.7	9.0	0.0	0.0	9.7	35.0	18.9	0.0	0.0	0.0	5.8	3.8	2.6	51.6	48.8	22.0		0.7	0.5	2.5	0.0	0.0	118.5	94.2	29.5
5	2		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	3.2	3.0	3.4	2.3	2.3	1.9	0.3	0.3	9.6	0.0	0.0		2.2	2.1	0.3	0.0	0.0	33.8	8.0	4.4
5	2		nonSCAT	OUTshore	7.6	0.0	0.0	4.9	0.7	0.4	5.8	21.8	15.5	3.4	3.2	3.2	1.9	0.0	0.0	9.6	17.0	11.6		0.0	0.0	0.3	0.0	0.0	33.8	42.7	19.6
5	2		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.7	0.4	11.5	25.0	15.8	6.9	5.5	3.9	3.7	0.3	0.3	19.1	17.0	11.6		2.2	2.1	0.6	0.0	0.0	67.6	50.7	20.1
5	2		UnAK-Umnak	INshore	51.8	4.6	3.2	37.1	32.1	17.4	43.1	161.7	50.4	16.8	12.2	10.1	6.4	0.0	0.0	44.2	26.1	17.7		0.0	0.0	1.8	0.0	0.0	217.2	236.8	57.1
5	2		UnAK-Umnak	OUTshore	51.8	150.5	59.8	37.1	65.3	42.9	43.1	300.9	90.7	16.8	179.3	44.6	6.4	0.0	0.0	44.2	42.5	15.2		2.9	2.3	1.8	42.2	20.0	217.2	783.6	127.5
5	2		UnAK-Umnak Total	sum =	103.6	155.1	59.8	74.2	97.5	46.3	86.1	462.7	103.8	33.7	191.6	45.7	12.8	0.0	0.0	88.4	68.5	23.3		2.9	2.3	3.5	42.2	20.0	434.4	1020.4	139.8
5	2	coei Total		sum =	139.0	160.9	60.0	93.0	98.1	46.3	107.3	522.7	106.7	40.5	197.1	45.9	22.3	4.0	2.6	159.1	134.4	34.1		5.8	3.2	6.6	42.2	20.0	620.5	1165.3	144.3
5	3	kiei	SCAT	INshore	10.1	1.8	1.6	4.5	1.1	1.1	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.2	0.2	25.8	2.0	0.8		4.2	3.4	1.2	0.2	0.2	59.2	9.5	4.0
5	3		SCAT	sum =	10.1	0.2	0.2	4.5	0.4	0.4	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	2.7	1.6		2.2	2.1	1.2	0.0	0.0	59.2	5.6	2.7
5	3		SCAT Total	sum =	20.2	1.9	1.6	9.0	1.5	1.2	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.2	0.2	51.6	4.7	1.8		6.5	4.0	2.5	0.2	0.2	118.5	15.0	4.8
5	3		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	1.8	1.3	3.4	0.7	0.5	1.9	0.8	0.6	9.6	0.6	0.4		0.0	0.0	0.3	0.0	0.0	33.8	3.9	1.5
5	3		nonSCAT	sum =	7.6	0.5	0.5	4.9	0.6	0.4	5.8	5.9	4.4	3.4	0.6	0.6	1.9	1.1	1.2	9.6	0.5	0.5		0.0	0.0	0.3	0.0	0.0	33.8	9.3	4.7
5	3		nonSCAT Total	sum =	15.3	0.5	0.5	9.8	0.6	0.4	11.5	7.7	4.6	6.9	1.3	0.8	3.7	1.9	1.3	19.1	1.1	0.6		0.0	0.0	0.6	0.0	0.0	67.6	13.2	4.9
5	3		UnAK-Umnak	INshore	51.8	0.6	0.5	37.1	0.7	0.5	43.1	48.4	45.8	16.8	61.7	64.4	6.4	0.0	0.0	44.2	1.0	0.9		0.0	0.0	1.8	0.0	0.0	217.2	112.4	79.0
5	3		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	1.0	0.9	43.1	41.0	33.2	16.8	33.8	28.8	6.4	0.0	0.0	44.2	26.3	19.5		0.0	0.0	1.8	0.0	0.0	217.2	102.1	48.1
5	3		UnAK-Umnak Total	sum =	103.6	0.6	0.5	74.2	1.7	1.0	86.1	89.4	56.6	33.7	95.5	70.5	12.8	0.0	0.0	88.4	27.3	19.5		0.0	0.0	3.5	0.0	0.0	434.4	214.5	92.5
5	3	kiei Total		sum =	139.0	3.0	1.7	93.0	3.8	1.6	107.3	97.1	56.8	40.5	96.8	70.5	22.3	2.1	1.3	159.1	33.2	19.6		6.5	4.0	6.6	0.2	0.2	620.5	242.7	92.7
6	1	blsc	SCAT	sum =	10.1	117.1	27.8	4.5	13.5	4.9	4.8	11.4	4.3	0.0	0.0	0.0	2.9	36.2	7.7	25.8	401.2	45.7		222.1	31.9	1.2	16.7	5.0	59.2	818.1	63.3
6	1		SCAT	OUTshore	10.1	63.4	13.9	4.5	19.9	6.8	4.8	18.4	7.4	0.0	0.0	0.0	2.9	41.3	13.7	25.8	240.1	26.6		71.3	15.4	1.2	10.6	5.5	59.2	465.1	38.2
6	1		SCAT Total	OUTshore	20.2	180.5	31.1	9.0	33.4	8.4	9.7	29.8	8.5	0.0	0.0	0.0	5.8	77.5	15.7	51.6	641.2	52.9		293.4	35.5	2.5	27.3	7.4	118.5	1283.2	73.9
6	1		nonSCAT	sum =	7.6	29.8	10.6	4.9	6.5	3.7	5.8	76.0	26.3	3.4	20.3	7.0	1.9	29.7	11.1	9.6	163.7	40.4		9.7	5.4	0.3	6.7	5.5	33.8	342.4	51.8
6	1		nonSCAT	OUTshore	7.6	8.8	2.9	4.9	8.6	3.4	5.8	8.4	2.9	3.4	8.0	3.0	1.9	24.3	10.7	9.6	77.9	20.1		5.0	2.5	0.3	0.0	0.0	33.8	140.9	23.7
6	1		nonSCAT Total	OUTshore	15.3	38.6	10.9	9.8	15.1	5.0	11.5	84.4	26.5	6.9	28.3	7.6	3.7	54.0	15.4	19.1	241.6	45.1		14.7	5.9	0.6	6.7	5.5	67.6	483.4	57.0
6	1		UnAK-Umnak	sum =	51.8	313.3	168.5	37.1	157.7	13.9	43.1	256.5	73.4	16.8	134.2	65.1	6.4	18.9	7.7	44.2	204.0	43.0		133.7	36.3	1.8	26.2	18.2	217.2	1244.5	204.4
6	1		UnAK-Umnak	OUTshore	51.8	904.0	401.8	37.1	96.8	19.6	43.1	568.0	202.5	16.8	239.9	109.9	6.4	25.7	5.4	44.2	480.0	68.2		192.4	87.4	1.8	29.4	12.2	217.2	2536.1	476.8
6	1		UnAK-Umnak Total	OUTshore	103.6	1217.3	435.7	74.2	254.5	24.0	86.1	824.5	215.4	33.7	374.0	127.7	12.8	44.6	9.4	88.4	683.9	80.6		326.1	94.7	3.5	55.6	21.9	434.4	3780.6	518.8
6	1	blsc Total		sum =	139.0	1436.4	437.0	93.0	303.0	25.9	107.3	938.6	217.2	40.5	402.4	128.0	22.3	176.1	23.9	159.1	1566.8	106.4		634.3	101.3	6.6	89.6	23.8	620.5	5547.1	527.1
6	2	wwsc	SCAT	INshore	10.1	4.6	4.0	4.5	2.5	2.3	4.8	0.5	0.5	0.0	0.0	0.0	2.9	3.8	3.8	25.8	16.7	6.8		8.8	5.0	1.2	14.3	8.8	59.2	51.2	13.5
6	2		SCAT	OUTshore	10.1	18.1	6.1	4.5	2.2	1.2	4.8	1.6	1.4	0.0	0.0	0.0	2.9	3.6	1.5	25.8	38.9	8.0		12.0	4.2	1.2	5.0	2.5	59.2	81.5	11.4
6	2		SCAT Total	sum =	20.2	22.7	7.3	9.0	4.8	2.6	9.7	2.1	1.4	0.0	0.0	0.0	5.8	7.4	4.0	51.6	55.6	10.5		20.8	6.5	2.5	19.3	9.1	118.5	132.7	17.7
6	2		nonSCAT	INshore	7.6	0.3	0.3	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.6	0.5	9.6	6.3	3.1		0.0	0.0	0.3	0.0	0.0	33.8	7.2	3.1
6	2		nonSCAT	OUTshore	7.6	4.5	2.0	4.9	3.0	1.2	5.8	1.8	0.8	3.4	0.2	0.2	1.9	1.7	1.0	9.6	19.2	7.0		1.4	1.4	0.3	0.0	0.0	33.8	31.8	7.6
6	2		nonSCAT Total	sum =	15.3	4.8	2.0	9.8	3.0	1.2	11.5	1.8	0.8	6.9	0.2	0.2	3.7	2.3	1.1	19.1	25.5	7.6		1.4	1.4	0.6	0.0	0.0	67.6	39.1	8.2
6	2		UnAK-Umnak	INshore	51.8	0.0	0.0	37.1	1.3	1.0	43.1	4.7	3.2	16.8	0.5	0.5	6.4	0.0	0.0	44.2	6.4	2.1		0.0	0.0	1.8	7.1	3.9	217.2	20.0	5.6
6	2		UnAK-Umnak	OUTshore	51.8	2.1	1.7	37.1	5.1	4.6	43.1	10.9	6.0	16.8	1.4	1.0	6.4	13.2	9.8	44.2	39.7	12.9		1.1	0.9	1.8	0.0	0.0	217.2	73.5	18.0

				ESIclass	esi1			esi1+			esi2			esi3			esi45			esi6			esi8			esi910			Total for Region+Zone		
grp	sg	sppn	region	zone	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE
6	2		UnAK-Umnak Total	sum =	103.6	2.1	1.7	74.2	6.4	4.7	86.1	15.6	6.9	33.7	1.9	1.1	12.8	13.2	9.8	88.4	46.1	13.0		1.1	0.9	3.5	7.1	3.9	434.4	93.5	18.8
6	2	wwsc Total		sum =	139.0	29.6	7.8	93.0	14.1	5.5	107.3	19.6	7.1	40.5	2.1	1.1	22.3	23.0	10.6	159.1	127.2	18.4		23.3	6.7	6.6	26.4	9.9	620.5	265.3	27.2
6	3	susc	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.0	0.0
6	3		SCAT	sum =	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		1.0	0.8	1.2	0.4	0.4	59.2	1.4	0.9
6	3		SCAT Total	sum =	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	51.6	0.0	0.0		1.0	0.8	2.5	0.4	0.4	118.5	1.4	0.9
6	3		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
6	3		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.1	0.1		0.0	0.0	0.3	0.0	0.0	33.8	0.1	0.1
6	3		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.1	0.1		0.0	0.0	0.6	0.0	0.0	67.6	0.1	0.1
6	3		UnAK-Umnak	INshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
6	3		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.6	0.5	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.6	0.5
6	3		UnAK-Umnak Total	sum =	103.6	0.0	0.0	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.6	0.5	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	0.6	0.5
6	3	susc Total		sum =	139.0	0.0	0.0	93.0	0.0	0.0	107.3	0.0	0.0	40.5	0.6	0.5	22.3	0.0	0.0	159.1	0.1	0.1		1.0	0.8	6.6	0.4	0.4	620.5	2.1	1.1
6	4	scot	SCAT	sum =	10.1	11.0	4.8	4.5	3.0	1.3	4.8	9.3	7.2	0.0	0.0	0.0	2.9	0.7	0.7	25.8	20.8	8.3		18.9	7.3	1.2	1.7	1.0	59.2	65.3	14.2
6	4		SCAT	OUTshore	10.1	19.9	8.3	4.5	4.9	3.3	4.8	12.3	6.7	0.0	0.0	0.0	2.9	29.7	19.3	25.8	95.4	35.0		40.3	17.9	1.2	0.8	0.6	59.2	203.3	45.3
6	4		SCAT Total	OUTshore	20.2	30.8	9.6	9.0	7.8	3.5	9.7	21.6	9.8	0.0	0.0	0.0	5.8	30.4	19.4	51.6	116.2	36.0		59.2	19.4	2.5	2.5	1.2	118.5	268.6	47.4
6	4		nonSCAT	sum =	7.6	3.2	2.8	4.9	0.0	0.0	5.8	1.6	1.0	3.4	0.8	0.8	1.9	4.8	4.3	9.6	22.0	9.9		0.8	0.8	0.3	0.0	0.0	33.8	33.1	11.2
6	4		nonSCAT	OUTshore	7.6	1.5	0.9	4.9	2.8	1.8	5.8	4.5	2.8	3.4	1.1	1.1	1.9	12.1	12.6	9.6	29.1	12.5		0.5	0.5	0.3	0.0	0.0	33.8	51.6	18.1
6	4		nonSCAT Total	OUTshore	15.3	4.8	3.0	9.8	2.8	1.8	11.5	6.1	3.0	6.9	1.8	1.3	3.7	16.9	13.3	19.1	51.0	15.9		1.2	0.9	0.6	0.0	0.0	67.6	84.7	21.3
6	4		UnAK-Umnak	sum =	51.8	102.5	31.2	37.1	25.2	14.1	43.1	267.1	87.8	16.8	101.6	46.3	6.4	49.7	18.9	44.2	201.3	59.5		17.0	6.8	1.8	0.0	0.0	217.2	764.4	122.4
6	4		UnAK-Umnak	OUTshore	51.8	82.1	29.8	37.1	78.5	38.2	43.1	150.8	90.1	16.8	53.1	31.8	6.4	9.0	3.1	44.2	92.8	31.8		354.6	36.4	1.8	0.0	0.0	217.2	821.0	117.6
6	4		UnAK-Umnak Total	OUTshore	103.6	184.6	43.2	74.2	103.6	40.8	86.1	417.9	125.8	33.7	154.7	56.1	12.8	58.7	19.2	88.4	294.1	67.5		371.6	37.0	3.5	0.0	0.0	434.4	1585.4	169.7
6	4	scot Total		sum =	139.0	220.2	44.3	93.0	114.2	40.9	107.3	445.7	126.2	40.5	156.6	56.1	22.3	106.1	30.3	159.1	461.4	78.1		432.1	41.8	6.6	2.5	1.2	620.5	1938.7	177.5
7	1	scau	SCAT	INshore	10.1	0.9	0.6	4.5	1.5	1.4	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.5	0.4	25.8	8.4	4.8		6.2	4.0	1.2	0.8	0.7	59.2	18.3	6.5
7	1		SCAT	OUTshore	10.1	0.4	0.4	4.5	0.0	0.0	4.8	5.4	5.1	0.0	0.0	0.0	2.9	0.0	0.0	25.8	3.9	1.6		3.9	3.0	1.2	0.0	0.0	59.2	13.6	6.1
7	1		SCAT Total	sum =	20.2	1.3	0.7	9.0	1.5	1.4	9.7	5.4	5.1	0.0	0.0	0.0	5.8	0.5	0.4	51.6	12.4	5.0		10.1	5.0	2.5	0.8	0.7	118.5	31.9	8.9
7	1		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.4	0.4	3.4	0.0	0.0	1.9	0.7	0.7	9.6	2.2	1.1		1.5	1.4	0.3	0.1	0.0	33.8	4.8	1.9
7	1		nonSCAT	OUTshore	7.6	2.3	2.3	4.9	1.2	1.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	3.6	2.5
7	1		nonSCAT Total	sum =	15.3	2.3	2.3	9.8	1.2	1.0	11.5	0.4	0.4	6.9	0.0	0.0	3.7	0.7	0.7	19.1	2.2	1.1		1.5	1.4	0.6	0.1	0.0	67.6	8.3	3.2
7	1		UnAK-Umnak	INshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	24.2	15.4	16.8	0.0	0.0	6.4	0.0	0.0	44.2	21.0	9.8		0.0	0.0	1.8	0.0	0.0	217.2	45.2	18.3
7	1		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	12.2	11.3	43.1	89.4	63.8	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	101.6	64.8
7	1		UnAK-Umnak Total	sum =	103.6	0.0	0.0	74.2	12.2	11.3	86.1	113.6	65.6	33.7	0.0	0.0	12.8	0.0	0.0	88.4	21.0	9.8		0.0	0.0	3.5	0.0	0.0	434.4	146.8	67.3
7	1	scau Total		sum =	139.0	3.6	2.4	93.0	14.9	11.4	107.3	119.4	65.8	40.5	0.0	0.0	22.3	1.2	0.8	159.1	35.6	11.1		11.6	5.2	6.6	0.8	0.7	620.5	187.0	68.0
7	2	buff	SCAT	INshore	10.1	3.9	3.2	4.5	0.0	0.0	4.8	0.6	0.5	0.0	0.0	0.0	2.9	0.1	0.1	25.8	3.1	0.9		0.9	0.5	1.2	0.4	0.3	59.2	9.1	3.4
7	2		SCAT	sum =	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	2.8	1.4		0.1	0.1	1.2	3.1	2.0	59.2	6.0	2.4
7	2		SCAT Total	sum =	20.2	3.9	3.2	9.0	0.0	0.0	9.7	0.6	0.5	0.0	0.0	0.0	5.8	0.1	0.1	51.6	5.9	1.7		1.0	0.5	2.5	3.5	2.0	118.5	15.1	4.2
7	2		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.7	0.6	9.6	1.8	1.0		0.0	0.0	0.3	0.0	0.0	33.8	2.5	1.2
7	2		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.4	0.3	1.9	9.2	7.9	9.6	1.5	1.0		2.4	2.2	0.3	0.0	0.0	33.8	13.4	8.3
7	2		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.4	0.3	3.7	9.9	7.9	19.1	3.2	1.4		2.4	2.2	0.6	0.0	0.0	67.6	15.9	8.4
7	2		UnAK-Umnak	INshore	51.8	1.8	1.2	37.1	0.9	0.9	43.1	0.6	0.5	16.8	0.0	0.0	6.4	0.0	0.0	44.2	5.3	1.5		2.5	1.4	1.8	28.3	15.5	217.2	39.3	15.7
7	2		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	2.5	2.3		1.0	0.6	1.8	0.0	0.0	217.2	3.5	2.4
7	2		UnAK-Umnak Total	sum =	103.6	1.8	1.2	74.2	0.9	0.9	86.1	0.6	0.5	33.7	0.0	0.0	12.8	0.0	0.0	88.4	7.8	2.8		3.5	1.5	3.5	28.3	15.5	434.4	42.8	15.9
7	2	buff Total		sum =	139.0	5.8	3.4	93.0	0.9	0.9	107.3	1.3	0.7	40.5	0.4	0.3	22.3	10.0	7.9	159.1	16.9	3.5		6.9	2.7	6.6	31.8	15.6	620.5	73.9	18.4
7	3	gold	SCAT	sum =	10.1	1.7	1.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.4	0.3	25.8	18.1	6.0		5.4	1.9	1.2	0.8	0.7	59.2	26.4	6.5
7	3		SCAT	OUTshore	10.1	1.0	0.7	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	1.5	0.9	25.8	8.6	4.1		2.5	2.1	1.2	2.8	2.7	59.2	16.5	5.5
7	3		SCAT Total	OUTshore	20.2	2.7	1.2	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	2.0	1.0	51.6	26.8	7.3		7.9	2.8	2.5	3.6	2.8	118.5	42.9	8.5
7	3		nonSCAT	sum =	7.6	0.2	0.1	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	2.3	1.5	9.6	2.3	1.4		0.0	0.0	0.3	0.3	0.3	33.8	5.0	2.1
7	3		nonSCAT	OUTshore	7.6	0.2	0.2	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	1.0	0.9	9.6	4.8	2.3		0.0	0.0	0.3	6.2	3.2	33.8	12.2	4.1
7	3		nonSCAT Total	OUTshore	15.3	0.4	0.3	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	3.3	1.8	19.1	7.0	2.7		0.0	0.0	0.6	6.5	3.2	67.6	17.2	4.6
7	3		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	33.3	17.3		0.8	0.5	1.8	73.6	38.1	217.2	107.7	41.8
7	3		UnAK-Umnak	OUTshore	51.8	12.5	10.9	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.9	0.8	1.8	160.2	80.4	217.2	173.6	81.1
7	3		UnAK-Umnak Total	OUTshore	103.6	12.5	10.9	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	33.3	17.3		1.6	0.9	3.5	233.8	88.9	434.4	281.3	91.3
7	3	gold Total		sum =	139.0	15.6	11.0	93.0	0.0	0.0	107.3	0.0	0.0	40.5	0.0	0.0	22.3	5.2	2.0	159.1	67.1	19.0		9.5	2.9	6.6	243.8	89.0	620.5	341.3	91.8
7	4	ltdu	SCAT	INshore	10.1	8.8	3.4	4.5	6.0	2.7	4.8	9.4	5.8	0.0	0.0	0.0	2.9	4.4	2.2	25.8	39.4	9.1		63.4	45.2	1.2	2.2	1.3	59.2	133.5	46.8
7	4		SCAT	OUTshore	10.1	10.8	3.1	4.5	2.9	2.0	4.8	13.7	4.2	0.0	0.0	0.0	2.9	14.6	6.0	25.8	55.8	7.9		20.0	7.3	1.2	1.7	0.8	59.2	119.4	13.5
7	4		SCAT Total	sum =	20.2	19.5	4.6	9.0	8.9	3.4	9.7	23.0	7.2	0.0	0.0	0.0	5.8	19.0	6.4	51.6	95.2	12.1		83.4	45.8	2.5	3.9	1.5	118.5	252.9	48.7
7	4		nonSCAT	INshore	7.6	7.2	5.5	4.9	2.3	1.9	5.8	4.5	1.9	3.4	2.6	1.5	1.9	2.5	1.2	9.6	7.8	2.8		3.2	3.3	0.3	0.4	0.4	33.8	30.5	7.8
7	4		nonSCAT	OUTshore	7.6	6.9	2.8	4.9	4.1	2.1	5.8	8.9	3.1	3.4	3.4	1.9	1.9	26.2	8.4	9.6	19.6	5.3		12.9	4.8	0.3	0.5	0.3	33.8	82.4	12.2
7	4		nonSCAT Total	sum =	15.3	14.0	6.1	9.8	6.5	2.9	11.5	13.4	3.6	6.9	6.0	2.5	3.7	28.7	8.5	19.1	27.4	6.0		16.1	5.8	0.6	1.0	0.6	67.6	112.9	14.4
7	4		UnAK-Umnak	INshore	51.8	119.5	62.6	37.1	10.3	4.6	43.1	63.4	17.8	16.8	22.1	11.3	6.4	9.3	5.6	44.2	50.8	16.9		19.0	10.6	1.8	0.0	0.0	217.2	294.4	69.4
7	4		UnAK-Umnak	OUTshore	51.8	33.7	22.5	37.1	22.8	12.1	43.1	298.2	220.7	16.8	26.1	18.0	6.4	1.2	0.6	44.2	75.7	23.2		89.7	21.2	1.8	2.6	1.3	217.2	550.1	225.1
7	4		UnAK-Umnak Total	sum =	103.6	153.2	66.5	74.2	33.2	13.0	86.1	361.6	221.4	33.7	48.3	21.3	12.8	10.4	5.7	88.4	126.6	28.7		108.7	23.7	3.5	2.6	1.3	434.4	844.5	235.5
7	4	ltdu Total		sum =	139.0	186.7	67.0	93.0	48.5	13.7	107.3	398.0	221.5	40.5	54.2	21.4	22.3	58.1	12.1	159.1	249.1	31.7		208.2	51.9	6.6	7.5	2.1	620.5	1210.4	240.9
7	5	hard	SCAT	INshore	10.1	76.1	18.0	4.5	18.7	6.2	4.8	26.5	9.2	0.0	0.0	0.0	2.9	13.7	4.6	25.8	159.5	17.6		69.4	18.8	1.2	16.8	5.9	59.2	380.8	34.2
7	5		SCAT	sum =	10.1	16.9	4.6	4.5	2.9	1.3	4.8	14.7	4.5	0.0	0.0	0.0	2.9	3.6	2.2	25.8	66.7	12.4		15.4	4.1	1.2	4.5	2.4	59.2	124.6	14.9
7	5		SCAT Total	sum =	20.2	93.0	18.6	9.0	21.7	6.4	9.7	41.2	10.2	0.0	0.0	0.0	5.8	17.3	5.1	51.6	226.3	21.5		84.7	19.3	2.5	21.3	6.3	118.5	505.4	37.3
7	5		nonSCAT	INshore	7.6	38.6	11.5	4.9	18.5	6.5	5.8	18.5	7.1	3.4	1.4	0.9	1.9	4.5	2.2	9.6	88.9	19.6		2.6	1.6	0.3	0.0	0.0	33.8	173.0	24.8
7	5		nonSCAT	sum =	7.6	1.6	0.8	4.9	1.3	0.9	5.8	5.9	2.3	3.4	7.0	2.9	1.9	10.0	4.6	9.6	25.1	7.7		0.4	0.4	0.3	1.5	1.0	33.8	52.8	9.8
7	5		nonSCAT Total	sum =	15.3	40.2	11.6	9.8	19.8	6.5	11.5	24.3	7.4	6.9	8.3	3.1	3.7	14.5	5.1	19.1	114.0	21.0		3.0	1.7	0.6	1.5	1.0	67.6	225.8	26.7
7	5		UnAK-Umnak	INshore	51.8	605.1	238.6	37.1	141.7	30.5	43.1	578.9	129.5	16.8	108.2	48.6	6.4	45.3	15.8	44.2	517.3	57.6		126.0	23.6	1.8	45.9	20.9	217.2	2168.4	285.5
7	5		UnAK-Umnak	sum =	51.8	35.9	14.8	37.1	1.2	1.1	43.1	103.4	51.9	16.8	9.8	7.1	6.4	4.0	1.9	44.2	24.7	9.8		119.6	55.2	1.8	39.3	19.8	217.2	337.9	80.6
7	5		UnAK-Umnak Total	sum =	103.6	641.0	239.0	74.2	142.9	30.5	86.1	682.3	139.5	33.7	118.0	49.1	12.8	49.3	15.9	88.4	541.9	58.4		245.6	60.0	3.5	85.2	28.8	434.4	2506.4	296.7
7	5	hard Total		sum =	139.0	774.2	240.0	93.0	184.4	31.8	107.3	747.8	140.1	40.5	126.4	49.2	22.3	81.1	17.4	159.1	882.2	65.7		333.3	63.0	6.6	108.1	29.5	620.5	3237.6	300.2
7	6	undu	SCAT	sum =	10.1	13.7	8.5	4.5	1.8	1.8	4.8	11.7	5.4	0.0	0.0	0.0	2.9	1.3	1.3	25.8	94.2	41.1		19.9	12.2	1.2	0.0	0.0	59.2	142.7	44.1
7	6		SCAT	OUTshore	10.1	2.0	1.9	4.5	0.0	0.0	4.8	0.8	0.8	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.6	0.4	1.2	0.0	0.0	59.2	3.3	2.0

				ESIclass	esi1			esi1+			esi2			esi3			esi45			esi6			esi8			esi910			Total for Region+Zone		
grp	sg	sppn	region	zone	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE
7	6		SCAT Total	OUTshore	20.2	15.7	8.7	9.0	1.8	1.8	9.7	12.6	5.4	0.0	0.0	0.0	5.8	1.3	1.3	51.6	94.2	41.1		20.4	12.2	2.5	0.0	0.0	118.5	146.0	44.1
7	6		nonSCAT	sum =	7.6	7.0	6.8	4.9	0.0	0.0	5.8	0.0	0.0	3.4	4.3	4.3	1.9	1.3	1.3	9.6	23.9	12.2		3.8	3.4	0.3	0.0	0.0	33.8	40.3	15.1
7	6		nonSCAT	OUTshore	7.6	0.2	0.2	4.9	5.6	5.8	5.8	0.0	0.0	3.4	0.2	0.2	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	6.0	5.8
7	6		nonSCAT Total	OUTshore	15.3	7.2	6.8	9.8	5.6	5.8	11.5	0.0	0.0	6.9	4.5	4.3	3.7	1.3	1.3	19.1	23.9	12.2		3.8	3.4	0.6	0.0	0.0	67.6	46.3	16.1
7	6		UnAK-Umnak	sum =	51.8	25.6	16.7	37.1	9.2	8.7	43.1	0.0	0.0	16.8	42.7	30.5	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	77.4	35.9
7	6		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
7	6		UnAK-Umnak Total	OUTshore	103.6	25.6	16.7	74.2	9.2	8.7	86.1	0.0	0.0	33.7	42.7	30.5	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	77.4	35.9
7	6	undu Total		sum =	139.0	48.5	20.0	93.0	16.6	10.6	107.3	12.6	5.4	40.5	47.2	30.8	22.3	2.6	1.8	159.1	118.1	42.9		24.2	12.6	6.6	0.0	0.0	620.5	269.8	59.1
7	7	come	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.2	0.2	25.8	0.6	0.4		0.0	0.0	1.2	0.0	0.0	59.2	0.8	0.5
7	7		SCAT	OUTshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.8	0.8		0.0	0.0	1.2	0.0	0.0	59.2	0.8	0.8
7	7		SCAT Total	sum =	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.2	0.2	51.6	1.4	0.9		0.0	0.0	2.5	0.0	0.0	118.5	1.6	1.0
7	7		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
7	7		nonSCAT	OUTshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
7	7		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.0	0.0		0.0	0.0	0.6	0.0	0.0	67.6	0.0	0.0
7	7		UnAK-Umnak	INshore	51.8	3.1	2.8	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	3.1	2.8
7	7		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
7	7		UnAK-Umnak Total	sum =	103.6	3.1	2.8	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	3.1	2.8
7	7	come Total		sum =	139.0	3.1	2.8	93.0	0.0	0.0	107.3	0.0	0.0	40.5	0.0	0.0	22.3	0.2	0.2	159.1	1.4	0.9		0.0	0.0	6.6	0.0	0.0	620.5	4.7	3.0
7	8	rbme	SCAT	INshore	10.1	0.3	0.3	4.5	0.0	0.0	4.8	0.3	0.3	0.0	0.0	0.0	2.9	0.0	0.0	25.8	2.7	1.2		0.5	0.5	1.2	0.0	0.0	59.2	3.8	1.4
7	8		SCAT	sum =	10.1	0.0	0.0	4.5	0.1	0.1	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.9	0.5		0.0	0.0	1.2	0.0	0.0	59.2	1.1	0.5
7	8		SCAT Total	sum =	20.2	0.3	0.3	9.0	0.1	0.1	9.7	0.3	0.3	0.0	0.0	0.0	5.8	0.0	0.0	51.6	3.6	1.3		0.5	0.5	2.5	0.0	0.0	118.5	4.9	1.5
7	8		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
7	8		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.5	0.5	9.6	0.5	0.4		0.0	0.0	0.3	0.0	0.0	33.8	1.0	0.7
7	8		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.5	0.5	19.1	0.5	0.4		0.0	0.0	0.6	0.0	0.0	67.6	1.0	0.7
7	8		UnAK-Umnak	INshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	1.7	1.3		0.8	0.7	1.8	0.0	0.0	217.2	2.5	1.5
7	8		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
7	8		UnAK-Umnak Total	sum =	103.6	0.0	0.0	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	1.7	1.3		0.8	0.7	3.5	0.0	0.0	434.4	2.5	1.5
7	8	rbme Total		sum =	139.0	0.3	0.3	93.0	0.1	0.1	107.3	0.3	0.3	40.5	0.0	0.0	22.3	0.5	0.5	159.1	5.8	1.9		1.2	0.9	6.6	0.0	0.0	620.5	8.3	2.2
7	9	merg	SCAT	sum =	10.1	6.3	2.4	4.5	1.1	0.8	4.8	1.1	0.6	0.0	0.0	0.0	2.9	6.6	2.2	25.8	44.9	8.8		12.9	3.0	1.2	2.0	0.9	59.2	74.8	10.0
7	9		SCAT	OUTshore	10.1	0.8	0.5	4.5	0.9	0.6	4.8	0.9	0.6	0.0	0.0	0.0	2.9	1.5	1.1	25.8	11.5	4.0		4.9	2.1	1.2	1.4	0.6	59.2	21.8	4.8
7	9		SCAT Total	OUTshore	20.2	7.1	2.5	9.0	2.0	1.0	9.7	2.0	0.8	0.0	0.0	0.0	5.8	8.1	2.5	51.6	56.3	9.7		17.8	3.7	2.5	3.4	1.0	118.5	96.6	11.0
7	9		nonSCAT	sum =	7.6	0.4	0.4	4.9	0.0	0.0	5.8	0.1	0.1	3.4	0.0	0.0	1.9	0.1	0.1	9.6	4.3	2.2		7.3	5.9	0.3	3.1	1.2	33.8	15.3	6.4
7	9		nonSCAT	OUTshore	7.6	2.5	1.4	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.5	0.5	1.9	2.4	2.1	9.6	5.2	2.5		0.0	0.0	0.3	0.0	0.0	33.8	10.7	3.5
7	9		nonSCAT Total	OUTshore	15.3	3.0	1.5	9.8	0.0	0.0	11.5	0.1	0.1	6.9	0.5	0.5	3.7	2.5	2.1	19.1	9.5	3.3		7.3	5.9	0.6	3.1	1.2	67.6	26.0	7.3
7	9		UnAK-Umnak	sum =	51.8	18.3	9.6	37.1	0.0	0.0	43.1	70.0	21.0	16.8	25.2	16.5	6.4	0.0	0.0	44.2	96.4	20.9		6.5	2.1	1.8	2.4	1.3	217.2	218.7	35.3
7	9		UnAK-Umnak	OUTshore	51.8	33.0	21.1	37.1	0.0	0.0	43.1	20.4	11.1	16.8	2.1	2.1	6.4	0.0	0.0	44.2	1.5	1.2		14.0	9.2	1.8	0.0	0.0	217.2	71.0	25.7
7	9		UnAK-Umnak Total	OUTshore	103.6	51.3	23.2	74.2	0.0	0.0	86.1	90.5	23.7	33.7	27.3	16.7	12.8	0.0	0.0	88.4	97.8	20.9		20.5	9.5	3.5	2.4	1.3	434.4	289.7	43.7
7	9	merg Total		sum =	139.0	61.4	23.4	93.0	2.0	1.0	107.3	92.5	23.7	40.5	27.8	16.7	22.3	10.6	3.2	159.1	163.7	23.3		45.5	11.7	6.6	8.8	2.0	620.5	412.3	45.6
7	10	gadw	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.0	0.0
7	10		SCAT	OUTshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	0.0	0.0
7	10		SCAT Total	sum =	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	51.6	0.0	0.0		0.0	0.0	2.5	0.0	0.0	118.5	0.0	0.0
7	10		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
7	10		nonSCAT	OUTshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
7	10		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.0	0.0		0.0	0.0	0.6	0.0	0.0	67.6	0.0	0.0
7	10		UnAK-Umnak	INshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
7	10		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	2.6	1.3	217.2	2.6	1.3
7	10		UnAK-Umnak Total	sum =	103.6	0.0	0.0	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	2.6	1.3	434.4	2.6	1.3
7	10	gadw Total		sum =	139.0	0.0	0.0	93.0	0.0	0.0	107.3	0.0	0.0	40.5	0.0	0.0	22.3	0.0	0.0	159.1	0.0	0.0		0.0	0.0	6.6	2.6	1.3	620.5	2.6	1.3
7	11	mall	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.5	0.4	0.0	0.0	0.0	2.9	1.3	0.9	25.8	17.7	6.0		5.3	2.6	1.2	56.2	36.2	59.2	81.0	36.8
7	11		SCAT	sum =	10.1	1.1	1.1	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	1.8	1.9		0.6	0.6	1.2	0.5	0.5	59.2	4.0	2.3
7	11		SCAT Total	sum =	20.2	1.1	1.1	9.0	0.0	0.0	9.7	0.5	0.4	0.0	0.0	0.0	5.8	1.3	0.9	51.6	19.5	6.3		5.9	2.7	2.5	56.8	36.2	118.5	85.0	36.9
7	11		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	1.8	1.8	9.6	0.7	0.7		0.0	0.0	0.3	0.0	0.0	33.8	2.5	1.9
7	11		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
7	11		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	1.8	1.8	19.1	0.7	0.7		0.0	0.0	0.6	0.0	0.0	67.6	2.5	1.9
7	11		UnAK-Umnak	INshore	51.8	19.5	10.9	37.1	0.0	0.0	43.1	47.0	27.5	16.8	0.0	0.0	6.4	0.0	0.0	44.2	31.7	12.9		28.7	14.2	1.8	17.5	8.2	217.2	144.4	36.2
7	11		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	165.0	79.2	44.2	2.3	0.7		3.7	2.1	1.8	26.2	13.2	217.2	197.3	80.3
7	11		UnAK-Umnak Total	sum =	103.6	19.5	10.9	74.2	0.0	0.0	86.1	47.0	27.5	33.7	0.0	0.0	12.8	165.0	79.2	88.4	34.1	13.0		32.4	14.4	3.5	43.7	15.5	434.4	341.7	88.1
7	11	mall Total		sum =	139.0	20.6	10.9	93.0	0.0	0.0	107.3	47.4	27.5	40.5	0.0	0.0	22.3	168.1	79.2	159.1	54.3	14.4		38.3	14.7	6.6	100.5	39.4	620.5	429.3	95.5
7	12	agwt	SCAT	sum =	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.4	0.4	59.2	0.4	0.4
7	12		SCAT	OUTshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.5	0.5		0.0	0.0	1.2	0.0	0.0	59.2	0.5	0.5
7	12		SCAT Total	OUTshore	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	51.6	0.5	0.5		0.0	0.0	2.5	0.4	0.4	118.5	0.9	0.6
7	12		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
7	12		nonSCAT	OUTshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
7	12		nonSCAT Total	OUTshore	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.0	0.0		0.0	0.0	0.6	0.0	0.0	67.6	0.0	0.0
7	12		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
7	12		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.0	0.0
7	12		UnAK-Umnak Total	OUTshore	103.6	0.0	0.0	74.2	0.0	0.0	86.1	0.0	0.0	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	0.0	0.0
7	12	agwt Total		sum =	139.0	0.0	0.0	93.0	0.0	0.0	107.3	0.0	0.0	40.5	0.0	0.0	22.3	0.0	0.0	159.1	0.5	0.5		0.0	0.0	6.6	0.4	0.4	620.5	0.9	0.6
8	1	bloy	SCAT	INshore	10.1	3.0	1.6	4.5	1.8	2.1	4.8	5.2	3.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	18.8	7.5		1.7	1.6	1.2	0.0	0.0	59.2	30.5	8.7
8	1		SCAT	OUTshore	10.1	0.3	0.3	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.2	0.1		0.0	0.0	1.2	0.0	0.0	59.2	0.4	0.3
8	1		SCAT Total	sum =	20.2	3.2	1.6	9.0	1.8	2.1	9.7	5.2	3.0	0.0	0.0	0.0	5.8	0.0	0.0	51.6	19.0	7.5		1.7	1.6	2.5	0.0	0.0	118.5	30.9	8.7
8	1		nonSCAT	INshore	7.6	0.3	0.3	4.9	4.1	2.9	5.8	7.0	5.3	3.4	0.0	0.0	1.9	0.0	0.0	9.6	3.8	3.7		0.0	0.0	0.3	0.0	0.0	33.8	15.2	7.2
8	1		nonSCAT	OUTshore	7.6	0.4	0.4	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.4	0.4
8	1		nonSCAT Total	sum =	15.3	0.7	0.5	9.8	4.1	2.9	11.5	7.0	5.3	6.9	0.0	0.0	3.7	0.0	0.0	19.1	3.8	3.7		0.0	0.0	0.6	0.0	0.0	67.6	15.6	7.2

				ESIclass	esi1			esi1+			esi2			esi3			esi45			esi6			esi8			esi910			Total for Region+Zone		
grp	sg	sppn	region	zone	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE	km2	Pop	SE
8	1		UnAK-Umnak	INshore	51.8	47.3	35.9	37.1	44.9	28.4	43.1	137.1	63.1	16.8	0.0	0.0	6.4	2.4	1.3	44.2	88.0	52.8		0.0	0.0	1.8	0.0	0.0	217.2	319.8	94.2
8	1		UnAK-Umnak	OUTshore	51.8	0.0	0.0	37.1	0.6	0.5	43.1	14.4	13.5	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	15.0	13.5
8	1		UnAK-Umnak Total	sum =	103.6	47.3	35.9	74.2	45.5	28.4	86.1	151.5	64.5	33.7	0.0	0.0	12.8	2.4	1.3	88.4	88.0	52.8		0.0	0.0	3.5	0.0	0.0	434.4	334.7	95.1
8	1	bloy Total		sum =	139.0	51.2	35.9	93.0	51.4	28.6	107.3	163.7	64.8	40.5	0.0	0.0	22.3	2.4	1.3	159.1	110.8	53.5		1.7	1.6	6.6	0.0	0.0	620.5	381.3	95.8
8	3	ussb	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.4	0.4		64.7	45.0	1.2	0.0	0.0	59.2	65.1	45.0
8	3		SCAT	sum =	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		2.5	1.9	1.2	0.0	0.0	59.2	2.5	1.9
8	3		SCAT Total	sum =	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	51.6	0.4	0.4		67.1	45.0	2.5	0.0	0.0	118.5	67.5	45.0
8	3		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
8	3		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
8	3		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.0	0.0	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.0	0.0		0.0	0.0	0.6	0.0	0.0	67.6	0.0	0.0
8	3		UnAK-Umnak	INshore	51.8	325.5	344.9	37.1	1.9	2.0	43.1	58.7	37.2	16.8	0.0	0.0	6.4	0.0	0.0	44.2	104.6	60.8		0.0	0.0	1.8	43.9	24.0	217.2	534.6	353.0
8	3		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		1.7	1.2	1.8	0.0	0.0	217.2	1.7	1.2
8	3		UnAK-Umnak Total	sum =	103.6	325.5	344.9	74.2	1.9	2.0	86.1	58.7	37.2	33.7	0.0	0.0	12.8	0.0	0.0	88.4	104.6	60.8		1.7	1.2	3.5	43.9	24.0	434.4	536.3	353.0
8	3	ussb Total		sum =	139.0	325.5	344.9	93.0	1.9	2.0	107.3	58.7	37.2	40.5	0.0	0.0	22.3	0.0	0.0	159.1	105.0	60.8		68.8	45.0	6.6	43.9	24.0	620.5	603.9	355.9
9	1	baea	SCAT	INshore	10.1	15.9	2.2	4.5	9.8	1.7	4.8	2.7	1.2	0.0	0.0	0.0	2.9	0.4	0.3	25.8	11.4	1.5		2.1	0.7	1.2	0.5	0.3	59.2	42.9	3.5
9	1		SCAT	sum =	10.1	0.7	0.5	4.5	0.1	0.1	4.8	0.3	0.2	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.0	0.0		0.0	0.0	1.2	0.0	0.0	59.2	1.2	0.5
9	1		SCAT Total	sum =	20.2	16.7	2.3	9.0	9.9	1.7	9.7	3.0	1.2	0.0	0.0	0.0	5.8	0.4	0.3	51.6	11.4	1.5		2.1	0.7	2.5	0.5	0.3	118.5	44.0	3.5
9	1		nonSCAT	INshore	7.6	11.9	3.9	4.9	4.4	0.8	5.8	3.5	1.0	3.4	0.7	0.3	1.9	0.7	0.4	9.6	3.5	0.9		0.6	0.3	0.3	0.0	0.0	33.8	25.2	4.3
9	1		nonSCAT	sum =	7.6	0.6	0.3	4.9	1.7	0.6	5.8	0.0	0.0	3.4	0.2	0.2	1.9	2.0	1.4	9.6	0.4	0.3		0.0	0.0	0.3	0.0	0.0	33.8	4.9	1.6
9	1		nonSCAT Total	sum =	15.3	12.5	3.9	9.8	6.1	1.0	11.5	3.5	1.0	6.9	0.9	0.4	3.7	2.7	1.4	19.1	3.9	1.0		0.6	0.3	0.6	0.0	0.0	67.6	30.1	4.6
9	1		UnAK-Umnak	INshore	51.8	39.1	8.1	37.1	16.9	3.9	43.1	22.3	5.0	16.8	5.9	3.2	6.4	0.0	0.0	44.2	14.2	3.0		0.9	0.9	1.8	0.0	0.0	217.2	99.4	11.3
9	1		UnAK-Umnak	sum =	51.8	4.1	1.8	37.1	1.4	0.9	43.1	0.0	0.0	16.8	0.6	0.5	6.4	0.0	0.0	44.2	4.5	1.4		0.0	0.0	1.8	1.7	0.6	217.2	12.4	2.6
9	1		UnAK-Umnak Total	sum =	103.6	43.3	8.3	74.2	18.3	4.0	86.1	22.3	5.0	33.7	6.5	3.2	12.8	0.0	0.0	88.4	18.7	3.3		0.9	0.9	3.5	1.7	0.6	434.4	111.8	11.6
9	1	baea Total		sum =	139.0	72.5	9.5	93.0	34.3	4.5	107.3	28.7	5.3	40.5	7.4	3.3	22.3	3.1	1.5	159.1	34.0	3.7		3.7	1.2	6.6	2.3	0.7	620.5	185.8	12.9
9	2	cora	SCAT	INshore	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.3	0.3	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.1	0.1		1.1	0.7	1.2	0.0	0.0	59.2	1.5	0.7
9	2		SCAT	sum =	10.1	0.0	0.0	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.2	0.2		0.0	0.0	1.2	0.0	0.0	59.2	0.2	0.2
9	2		SCAT Total	sum =	20.2	0.0	0.0	9.0	0.0	0.0	9.7	0.3	0.3	0.0	0.0	0.0	5.8	0.0	0.0	51.6	0.3	0.2		1.1	0.7	2.5	0.0	0.0	118.5	1.7	0.8
9	2		nonSCAT	INshore	7.6	0.0	0.0	4.9	0.3	0.3	5.8	0.0	0.0	3.4	0.8	0.7	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	1.0	0.8
9	2		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.0	0.0
9	2		nonSCAT Total	sum =	15.3	0.0	0.0	9.8	0.3	0.3	11.5	0.0	0.0	6.9	0.8	0.7	3.7	0.0	0.0	19.1	0.0	0.0		0.0	0.0	0.6	0.0	0.0	67.6	1.0	0.8
9	2		UnAK-Umnak	INshore	51.8	10.7	6.4	37.1	1.1	1.2	43.1	12.0	10.2	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	23.7	12.1
9	2		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	0.5	0.3	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	0.5	0.3
9	2		UnAK-Umnak Total	sum =	103.6	10.7	6.4	74.2	1.1	1.2	86.1	12.5	10.2	33.7	0.0	0.0	12.8	0.0	0.0	88.4	0.0	0.0		0.0	0.0	3.5	0.0	0.0	434.4	24.2	12.1
9	2	cora Total		sum =	139.0	10.7	6.4	93.0	1.4	1.2	107.3	12.7	10.2	40.5	0.8	0.7	22.3	0.0	0.0	159.1	0.3	0.2		1.1	0.7	6.6	0.0	0.0	620.5	27.0	12.1
10	1	stsl	SCAT	INshore	10.1	24.4	15.7	4.5	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	25.8	67.6	29.5		0.0	0.0	1.2	0.0	0.0	59.2	92.1	33.4
10	1		SCAT	sum =	10.1	0.0	0.0	4.5	0.6	0.6	4.8	0.0	0.0	0.0	0.0	0.0	2.9	0.3	0.3	25.8	0.2	0.2		0.0	0.0	1.2	0.0	0.0	59.2	1.1	0.7
10	1		SCAT Total	sum =	20.2	24.4	15.7	9.0	0.6	0.6	9.7	0.0	0.0	0.0	0.0	0.0	5.8	0.3	0.3	51.6	67.8	29.5		0.0	0.0	2.5	0.0	0.0	118.5	93.2	33.4
10	1		nonSCAT	INshore	7.6	48.5	35.0	4.9	0.2	0.2	5.8	46.6	47.3	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	95.3	58.8
10	1		nonSCAT	sum =	7.6	0.1	0.1	4.9	0.0	0.0	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.4	0.3		0.0	0.0	0.3	0.0	0.0	33.8	0.5	0.3
10	1		nonSCAT Total	sum =	15.3	48.6	35.0	9.8	0.2	0.2	11.5	46.6	47.3	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.4	0.3		0.0	0.0	0.6	0.0	0.0	67.6	95.8	58.8
10	1		UnAK-Umnak	INshore	51.8	131.0	55.2	37.1	21.8	12.2	43.1	108.7	72.5	16.8	2.4	1.4	6.4	0.0	0.0	44.2	6.3	2.2		0.0	0.0	1.8	0.0	0.0	217.2	270.2	92.0
10	1		UnAK-Umnak	sum =	51.8	0.0	0.0	37.1	0.0	0.0	43.1	3.2	3.9	16.8	0.0	0.0	6.4	0.0	0.0	44.2	0.0	0.0		0.0	0.0	1.8	0.0	0.0	217.2	3.2	3.9
10	1		UnAK-Umnak Total	sum =	103.6	131.0	55.2	74.2	21.8	12.2	86.1	111.9	72.6	33.7	2.4	1.4	12.8	0.0	0.0	88.4	6.3	2.2		0.0	0.0	3.5	0.0	0.0	434.4	273.5	92.1
10	1	stsl Total		sum =	139.0	204.1	67.2	93.0	22.5	12.2	107.3	158.6	86.7	40.5	2.4	1.4	22.3	0.3	0.3	159.1	74.5	29.6		0.0	0.0	6.6	0.0	0.0	620.5	462.4	114.3
10	2	seot	SCAT	INshore	10.1	1.0	0.5	4.5	1.0	0.6	4.8	0.4	0.4	0.0	0.0	0.0	2.9	0.0	0.0	25.8	1.8	0.8		0.2	0.3	1.2	0.0	0.0	59.2	4.4	1.2
10	2		SCAT	sum =	10.1	1.7	0.7	4.5	0.7	0.5	4.8	1.8	1.1	0.0	0.0	0.0	2.9	0.5	0.4	25.8	3.3	1.1		6.5	2.6	1.2	0.0	0.0	59.2	14.4	3.2
10	2		SCAT Total	sum =	20.2	2.6	0.9	9.0	1.6	0.8	9.7	2.2	1.2	0.0	0.0	0.0	5.8	0.5	0.4	51.6	5.1	1.4		6.8	2.6	2.5	0.0	0.0	118.5	18.8	3.4
10	2		nonSCAT	INshore	7.6	0.3	0.3	4.9	0.2	0.1	5.8	4.6	3.1	3.4	0.1	0.1	1.9	0.0	0.0	9.6	1.9	1.2		0.0	0.0	0.3	0.0	0.0	33.8	7.1	3.3
10	2		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.4	0.4	5.8	0.0	0.0	3.4	0.7	0.7	1.9	0.0	0.0	9.6	0.1	0.1		0.0	0.0	0.3	0.0	0.0	33.8	1.2	0.8
10	2		nonSCAT Total	sum =	15.3	0.3	0.3	9.8	0.5	0.4	11.5	4.6	3.1	6.9	0.8	0.7	3.7	0.0	0.0	19.1	2.0	1.2		0.0	0.0	0.6	0.0	0.0	67.6	8.3	3.4
10	2		UnAK-Umnak	INshore	51.8	9.8	4.2	37.1	22.2	11.9	43.1	7.0	3.2	16.8	1.7	1.7	6.4	5.5	2.4	44.2	18.6	6.1		2.3	0.8	1.8	0.0	0.0	217.2	67.0	14.7
10	2		UnAK-Umnak	sum =	51.8	2.4	1.3	37.1	0.0	0.0	43.1	0.0	0.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	2.8	1.5		2.2	0.6	1.8	0.0	0.0	217.2	7.3	2.1
10	2		UnAK-Umnak Total	sum =	103.6	12.1	4.4	74.2	22.2	11.9	86.1	7.0	3.2	33.7	1.7	1.7	12.8	5.5	2.4	88.4	21.3	6.3		4.6	1.0	3.5	0.0	0.0	434.4	74.3	14.9
10	2	seot Total		sum =	139.0	15.0	4.5	93.0	24.4	12.0	107.3	13.7	4.6	40.5	2.5	1.9	22.3	5.9	2.4	159.1	28.4	6.6		11.3	2.8	6.6	0.0	0.0	620.5	101.4	15.6
10	3	hase	SCAT	INshore	10.1	1.3	1.3	4.5	0.8	0.7	4.8	14.1	4.3	0.0	0.0	0.0	2.9	0.0	0.0	25.8	3.5	2.1		0.9	0.6	1.2	0.0	0.0	59.2	20.7	5.0
10	3		SCAT	sum =	10.1	1.1	0.6	4.5	0.0	0.0	4.8	0.8	0.7	0.0	0.0	0.0	2.9	0.0	0.0	25.8	0.8	0.5		0.0	0.0	1.2	0.0	0.0	59.2	2.7	1.1
10	3		SCAT Total	sum =	20.2	2.4	1.4	9.0	0.8	0.7	9.7	14.9	4.3	0.0	0.0	0.0	5.8	0.0	0.0	51.6	4.4	2.2		0.9	0.6	2.5	0.0	0.0	118.5	23.4	5.1
10	3		nonSCAT	INshore	7.6	0.1	0.1	4.9	0.2	0.2	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.0	0.0		0.0	0.0	0.3	0.0	0.0	33.8	0.4	0.3
10	3		nonSCAT	sum =	7.6	0.0	0.0	4.9	0.6	0.6	5.8	0.0	0.0	3.4	0.0	0.0	1.9	0.0	0.0	9.6	0.2	0.2		0.0	0.0	0.3	0.0	0.0	33.8	0.8	0.6
10	3		nonSCAT Total	sum =	15.3	0.1	0.1	9.8	0.9	0.6	11.5	0.0	0.0	6.9	0.0	0.0	3.7	0.0	0.0	19.1	0.2	0.2		0.0	0.0	0.6	0.0	0.0	67.6	1.2	0.7
10	3		UnAK-Umnak	INshore	51.8	8.7	4.3	37.1	69.4	41.5	43.1	20.0	10.3	16.8	0.0	0.0	6.4	0.0	0.0	44.2	31.8	11.0		4.1	2.2	1.8	0.4	0.2	217.2	134.3	44.5
10	3		UnAK-Umnak	sum =	51.8	11.9	7.6	37.1	0.0	0.0	43.1	1.0	1.0	16.8	0.0	0.0	6.4	0.0	0.0	44.2	5.2	3.1		0.0	0.0	1.8	0.0	0.0	217.2	18.1	8.3
10	3		UnAK-Umnak Total	sum =	103.6	20.6	8.8	74.2	69.4	41.5	86.1	20.9	10.4	33.7	0.0	0.0	12.8	0.0	0.0	88.4	37.0	11.4		4.1	2.2	3.5	0.4	0.2	434.4	152.4	45.2
10	3	hase Total		sum =	139.0	23.2	8.9	93.0	71.0	41.5	107.3	35.9	11.2	40.5	0.0	0.0	22.3	0.0	0.0	159.1	41.5	11.6		5.0	2.3	6.6	0.4	0.2	620.5	177.0	45.5

Table 10. Estimated densities and standard errors for birds observed on aerial transects sampling nearshore marine habitat associated with each ESI class shoreline type. The area was subdivided into 3 geographic regions and INshore (0-200m) and OUTshore (200-400m) zones.

				ESIclass	esi1		esi1+		esi2		esi3		esi45		esi6		esi8		esi910		Total	
grp	sg	**sppn**	**region**	**zone**	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens
0	0	total	SCAT	INshore	79.401	12.195	48.855	6.3811	113.69	28.077			45.506	5.6332	71.073	4.9328	59.794	7.8421	95.077	30.982	71.635	4.0737
0	0	total	SCAT	OUTshore	35.434	6.2834	30.374	7.7077	53.672	11.639			48.125	11.562	42.543	4.0852	28.076	3.4912	348.82	202.08	45.544	4.8907
0	0	total	SCAT Total	wgt avg=	57.417	6.8593	39.615	5.0032	83.681	15.197			46.815	6.4305	56.808	3.2024	43.935	4.292	221.95	102.22	58.59	3.1825
0	0	total	nonSCAT	INshore	50.1	7.1378	39.627	9.0637	59.257	12.08	18.61	2.7463	40.786	7.9348	63.892	8.5724	98.54	26.42	58.349	24.651	50.943	3.8513
0	0	total	nonSCAT	OUTshore	16.68	3.3266	28.609	10.512	28.975	4.1735	13.226	2.0577	61.63	13.327	53.508	6.7941	181.59	110	51.122	13.484	35.132	3.0094
0	0	total	nonSCAT Total	wgt avg=	33.39	3.9374	34.118	6.9399	44.116	6.3901	15.918	1.7158	51.208	7.755	58.7	5.4692	140.07	56.564	54.735	14.049	43.038	2.4438
0	0	total	UnAK-Umnak	INshore	119.04	21.934	38.282	4.5167	135.07	17.736	54.011	7.1213	211.1	61.059	59.793	7.3644	38.747	6.5217	142.71	40.899	88.294	6.8146
0	0	total	UnAK-Umnak	OUTshore	37.124	7.9812	23.357	3.4837	71.706	10.718	37.599	6.7255	48.496	13.409	44.847	5.112	55.718	7.1551	226.97	51.79	46.489	3.2338
0	0	total	UnAK-Umnak Total	wgt avg=	78.084	11.671	30.82	2.8521	103.39	10.362	45.805	4.8976	129.8	31.257	52.32	4.4824	47.233	4.8407	184.84	32.996	67.392	3.7715
0	0	total		wgt avg=	70.18	8.7643	32.021	2.4381	95.248	8.4556	40.748	4.0792	95.166	18.06	54.542	2.777	47.273	3.4552	186.27	41.959	63.057	2.7224
1	1	murre	SCAT	INshore	0.7817	0.2151	0.271	0.1306	0.6797	0.4027			1.3751	0.7282	0.5822	0.105	1.0159	0.386	1.1168	0.7872	0.7226	0.1014
1	1	murre	SCAT	OUTshore	1.1013	0.3889	0.608	0.4066	0.1713	0.0975			1.6931	0.8152	1.347	0.2617	3.17	1.1578	0.5068	0.3391	1.457	0.2397
1	1	murre	SCAT Total	wgt avg=	0.9415	0.2222	0.4395	0.2135	0.4255	0.2072			1.5341	0.5465	0.9646	0.141	2.0929	0.6102	0.8118	0.4286	1.0898	0.1301
1	1	murre	nonSCAT	INshore	0.3396	0.1696	0.1604	0.1218	0.026	0.0245	0	0	0.1516	0.1526	0.677	0.2882	0	0	1.3756	1.3878	0.317	0.0931
1	1	murre	nonSCAT	OUTshore	0.3581	0.1211	0.2588	0.1162	0.5863	0.2589	0.6476	0.3935	9.2344	8.2033	0.9991	0.4403	3.6138	2.2997	0	0	1.1137	0.474
1	1	murre	nonSCAT Total	wgt avg=	0.3488	0.1042	0.2096	0.0841	0.3062	0.13	0.3238	0.1968	4.693	4.1024	0.8381	0.2631	1.8069	1.1499	0.6878	0.6939	0.7153	0.2415
1	1	murre	UnAK-Umnak	INshore	0.2618	0.0937	0.4091	0.1606	0.1611	0.0901	0.0277	0.028	0	0	0.5311	0.1728	2.6752	1.2304	0	0	0.4724	0.1054
1	1	murre	UnAK-Umnak	OUTshore	0.0538	0.0277	0.1516	0.0412	0.9382	0.7717	0	0	0.2377	0.1458	0.0822	0.0328	0.1211	0.0559	0	0	0.2574	0.1535
1	1	murre	UnAK-Umnak Total	wgt avg=	0.1578	0.0488	0.2803	0.0829	0.5497	0.3884	0.0138	0.014	0.1188	0.0729	0.3066	0.088	1.3982	0.6159	0	0	0.3649	0.0931
1	1	murre		wgt avg=	0.2924	0.0499	0.2884	0.0699	0.5123	0.3126	0.0663	0.0353	1.2496	0.7009	0.5839	0.074	1.665	0.4406	0.368	0.1728	0.5415	0.0746
1	2	alclg	SCAT	INshore	0	0	0.028	0.0227	0	0			0	0	0.073	0.0725	0	0	0	0	0.0339	0.0316
1	2	alclg	SCAT	OUTshore	0	0	0.1062	0.1007	0.0772	0.0707			0.0829	0.0827	0	0	0	0	0	0	0.0184	0.0104
1	2	alclg	SCAT Total	wgt avg=	0	0	0.0671	0.0516	0.0386	0.0353			0.0414	0.0413	0.0365	0.0363	0	0	0	0	0.0262	0.0167
1	2	alclg	nonSCAT	INshore	0.0395	0.0378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0089	0.0085
1	2	alclg	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2	alclg	nonSCAT Total	wgt avg=	0.0198	0.0189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0045	0.0043
1	2	alclg	UnAK-Umnak	INshore	0	0	0	0	0.0436	0.0349	0	0	0	0	0	0	0	0	0	0	0.0086	0.0069
1	2	alclg	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2	alclg	UnAK-Umnak Total	wgt avg=	0	0	0	0	0.0218	0.0175	0	0	0	0	0	0	0	0	0	0	0.0043	0.0035
1	2	alclg		wgt avg=	0.0022	0.0021	0.0065	0.005	0.021	0.0144	0	0	0.0107	0.0107	0.0118	0.0118	0	0	0	0	0.0085	0.004
1	3	puff	SCAT	INshore	0.0433	0.0429	0	0	0	0			0.0688	0.0708	0.0055	0.0055	0	0	0	0	0.0131	0.0084
1	3	puff	SCAT	OUTshore	0.0355	0.0347	0	0	0	0			0	0	0	0	0	0	0	0	0.006	0.0059
1	3	puff	SCAT Total	wgt avg=	0.0394	0.0276	0	0	0	0			0.0344	0.0354	0.0027	0.0028	0	0	0	0	0.0096	0.0051
1	3	puff	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0.0442	0.042	0	0	0	0	0.0125	0.0119
1	3	puff	nonSCAT	OUTshore	0.1118	0.1105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0252	0.025
1	3	puff	nonSCAT Total	wgt avg=	0.0559	0.0553	0	0	0	0	0	0	0	0	0.0221	0.021	0	0	0	0	0.0189	0.0138
1	3	puff	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	3	puff	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	3	puff	UnAK-Umnak Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	3	puff		wgt avg=	0.0119	0.0073	0	0	0	0	0	0	0.0089	0.0092	0.0035	0.0027	0	0	0	0	0.0039	0.0018
1	4	pigu	SCAT	INshore	0.1867	0.0933	0.0397	0.0394	0	0			0.0651	0.0501	0.0592	0.0244	0.1462	0.0759	0.1546	0.1445	0.0914	0.0234
1	4	pigu	SCAT	OUTshore	0.1277	0.065	0.0651	0.0653	0.1279	0.0837			0.2802	0.1333	0.0791	0.0358	0.1109	0.0519	0.6386	0.3625	0.117	0.0247
1	4	pigu	SCAT Total	wgt avg=	0.1572	0.0568	0.0524	0.0381	0.0639	0.0418			0.1727	0.0712	0.0692	0.0217	0.1285	0.046	0.3966	0.1951	0.1042	0.017
1	4	pigu	nonSCAT	INshore	0.0191	0.0189	0.1627	0.1199	0	0	0.0904	0.0875	0	0	0.02	0.0235	0	0	0	0	0.0426	0.021
1	4	pigu	nonSCAT	OUTshore	0.0253	0.0264	0.0573	0.0361	0.0562	0.0552	0	0	0.0895	0.095	0.0841	0.0531	0	0	0	0	0.0523	0.0201

				ESIclass	esi1		esi1+		esi2		esi3		esi45		esi6		esi8		esi910		Total	
grp	sg	**sppn**	**region**	**zone**	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens
1	4	pigu	nonSCAT Total	wgt avg=	0.0222	0.0162	0.11	0.0626	0.0281	0.0276	0.0452	0.0438	0.0448	0.0475	0.052	0.029	0	0	0	0	0.0474	0.0145
1	4	pigu	UnAK-Umnak	INshore	0.0143	0.0159	0.1216	0.0535	0.0295	0.0034	0	0	0	0	0.2013	0.0572	0	0	0	0	0.071	0.0153
1	4	pigu	UnAK-Umnak	OUTshore	0.0107	0.0096	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0025	0.0023
1	4	pigu	UnAK-Umnak Total	wgt avg=	0.0125	0.0093	0.0608	0.0268	0.0147	0.0017	0	0	0	0	0.1007	0.0286	0	0	0	0	0.0368	0.0077
1	4	pigu		wgt avg=	0.0345	0.0109	0.0651	0.0227	0.0206	0.005	0.0077	0.0074	0.0522	0.0201	0.0846	0.0177	0.0483	0.0173	0.1478	0.0727	0.0508	0.0065
1	5	alcsm	SCAT	INshore	0.164	0.0828	0.1238	0.0819	0	0			0.3908	0.3797	0.3731	0.1362	0.3037	0.1392	0	0	0.2696	0.0681
1	5	alcsm	SCAT	OUTshore	0.4032	0.186	0.4536	0.4636	0.2027	0.1414			1.7641	1.6028	0.5657	0.1901	0.305	0.1284	0	0	0.503	0.1257
1	5	alcsm	SCAT Total	wgt avg=	0.2836	0.1018	0.2887	0.2354	0.1013	0.0707			1.0775	0.8236	0.4694	0.1169	0.3044	0.0947	0	0	0.3863	0.0715
1	5	alcsm	nonSCAT	INshore	0.39	0.3823	0.0407	0.0373	0.1337	0.1345	0.6242	0.6249	0	0	0.2243	0.1215	0	0	0	0	0.2435	0.1149
1	5	alcsm	nonSCAT	OUTshore	0.2037	0.1113	0.0552	0.0552	0.3564	0.1928	0.9364	0.8079	1.2536	0.7776	0.1908	0.1088	1.0164	0.9661	0	0	0.3436	0.1067
1	5	alcsm	nonSCAT Total	wgt avg=	0.2969	0.1991	0.0479	0.0333	0.245	0.1175	0.7803	0.5107	0.6268	0.3888	0.2075	0.0815	0.5082	0.483	0	0	0.2935	0.0784
1	5	alcsm	UnAK-Umnak	INshore	0.9963	0.5269	0	0	0.4694	0.3507	0.0283	0.028	0	0	0	0	0	0	0	0	0.3328	0.1436
1	5	alcsm	UnAK-Umnak	OUTshore	0.2089	0.1163	0	0	0.0988	0.0711	0	0	0	0	0.0541	0.042	0	0	0	0	0.0804	0.0323
1	5	alcsm	UnAK-Umnak Total	wgt avg=	0.6026	0.2698	0	0	0.2841	0.1789	0.0141	0.014	0	0	0.027	0.021	0	0	0	0	0.2066	0.0736
1	5	alcsm		wgt avg=	0.5228	0.2028	0.0331	0.0232	0.2635	0.1443	0.1438	0.0872	0.3839	0.2231	0.1922	0.0409	0.1214	0.0362	0	0	0.2504	0.054
1	6	murrl	SCAT	INshore	0	0	0	0	0	0			0.0289	0.0354	0.011	0.011	0	0	0	0	0.0062	0.0051
1	6	murrl	SCAT	OUTshore	0.1662	0.0897	0.0651	0.0611	0	0			0	0	0.061	0.0304	0.0298	0.0288	0	0	0.0648	0.0213
1	6	murrl	SCAT Total	wgt avg=	0.0831	0.0448	0.0326	0.0306	0	0			0.0145	0.0177	0.036	0.0162	0.0149	0.0144	0	0	0.0355	0.0109
1	6	murrl	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	6	murrl	nonSCAT	OUTshore	0.0213	0.0187	0	0	0	0	0	0	0	0	0.042	0.03	0	0	0	0	0.0167	0.0095
1	6	murrl	nonSCAT Total	wgt avg=	0.0106	0.0093	0	0	0	0	0	0	0	0	0.021	0.015	0	0	0	0	0.0084	0.0047
1	6	murrl	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	6	murrl	UnAK-Umnak	OUTshore	0	0	0	0	0.1204	0.0781	0	0	0	0	0	0	0	0	0	0	0.0239	0.0155
1	6	murrl	UnAK-Umnak Total	wgt avg=	0	0	0	0	0.0602	0.0391	0	0	0	0	0	0	0	0	0	0	0.0119	0.0077
1	6	murrl		wgt avg=	0.0132	0.0066	0.0032	0.003	0.0483	0.0313	0	0	0.0038	0.0046	0.0142	0.0055	0.0056	0.0054	0	0	0.016	0.0058
2	1	corm	SCAT	INshore	25.993	4.1731	20.774	3.7373	48.952	23.033			4.7188	1.4913	10.581	0.9258	3.9205	0.8288	1.0825	0.7417	15.511	2.0722
2	1	corm	SCAT	OUTshore	3.0668	0.5683	8.0748	2.6653	8.8332	2.9228			1.5668	0.5409	4.334	0.6581	2.903	0.777	1.8447	0.6962	4.3449	0.4553
2	1	corm	SCAT Total	wgt avg=	14.53	2.1058	14.424	2.2952	28.893	11.609			3.1428	0.7932	7.4578	0.5679	3.4117	0.568	1.4636	0.5086	9.9277	1.0608
2	1	corm	nonSCAT	INshore	14.31	2.7545	7.1987	1.8578	13.092	4.5219	0.7759	0.4916	4.3092	1.7669	12.853	3.1888	2.7548	2.6135	0.6718	0.6367	10.49	1.371
2	1	corm	nonSCAT	OUTshore	3.2242	0.689	3.3289	0.5625	4.2446	1.9824	1.931	1.2203	1.1081	0.6894	6.3279	1.1152	2.6539	1.4491	0	0	4.0074	0.5115
2	1	corm	nonSCAT Total	wgt avg=	8.7671	1.4197	5.2638	0.9706	8.6682	2.4687	1.3535	0.6578	2.7087	0.9483	9.5904	1.6891	2.7043	1.4942	0.3359	0.3184	7.2485	0.7317
2	1	corm	UnAK-Umnak	INshore	24.759	3.6898	9.9379	1.9188	16.317	3.6757	0.4577	0.2149	2.9374	1.4121	11.971	3.0824	13.286	5.646	0.4837	0.3741	14.381	1.408
2	1	corm	UnAK-Umnak	OUTshore	6.6119	1.138	4.7747	1.295	9.2163	1.5334	1.0594	0.5792	1.1306	0.3629	12.225	3.3299	1.9071	0.6957	0	0	6.9635	0.824
2	1	corm	UnAK-Umnak Total	wgt avg=	15.686	1.9307	7.3563	1.1574	12.767	1.9914	0.7585	0.3089	2.034	0.729	12.098	2.2688	7.5965	2.8444	0.2418	0.187	10.672	0.8157
2	1	corm		wgt avg=	14.758	1.479	7.8247	0.9555	13.777	1.9276	0.8592	0.2797	2.434	0.4923	10.292	1.2899	5.9558	1.749	0.706	0.2162	10.157	0.6112
2	2	nofu	SCAT	INshore	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
2	2	nofu	SCAT	OUTshore	0	0	0	0	0	0			0	0	0.0133	0.0131	0	0	0	0	0.0058	0.0057
2	2	nofu	SCAT Total	wgt avg=	0	0	0	0	0	0			0	0	0.0067	0.0066	0	0	0	0	0.0029	0.0029
2	2	nofu	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0.0179	0.0182	0	0	0	0	0.0051	0.0051
2	2	nofu	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	nofu	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0.0089	0.0091	0	0	0	0	0.0025	0.0026
2	2	nofu	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	nofu	UnAK-Umnak	OUTshore	0.0496	0.0452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0118	0.0108
2	2	nofu	UnAK-Umnak Total	wgt avg=	0.0248	0.0226	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0059	0.0054
2	2	nofu		wgt avg=	0.0185	0.0169	0	0	0	0	0	0	0	0	0.0032	0.0024	0	0	0	0	0.005	0.0038
2	3	ftsp	SCAT	INshore	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
2	3	ftsp	SCAT	OUTshore	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
2	3	ftsp	SCAT Total	wgt avg=	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
2	3	ftsp	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				ESIclass	esi1		esi1+		esi2		esi3		esi45		esi6		esi8		esi910		Total	
grp	sg	sppn	region	zone	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens
2	3	ftsp	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3	ftsp	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3	ftsp	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3	ftsp	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3	ftsp	UnAK-Umnak Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3	ftsp		wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	laal	SCAT	INshore	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
2	4	laal	SCAT	OUTshore	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
2	4	laal	SCAT Total	wgt avg=	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
2	4	laal	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	laal	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	laal	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	laal	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	laal	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	laal	UnAK-Umnak Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	laal		wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	5	gwgu	SCAT	INshore	2.9929	0.4863	3.2988	0.702	8.1142	1.8647			1.9758	0.9274	5.3233	1.1595	0.6054	0.1102	0.7646	0.4255	3.9534	0.5387
2	5	gwgu	SCAT	OUTshore	0.4681	0.1382	0.5187	0.1697	2.4924	0.778			1.0656	0.3348	0.8386	0.1536	0.6048	0.1614	1.196	0.8257	0.8653	0.1025
2	5	gwgu	SCAT Total	wgt avg=	1.7305	0.2528	1.9087	0.3611	5.3033	1.0102			1.5207	0.493	3.081	0.5848	0.6051	0.0977	0.9803	0.4645	2.4094	0.2742
2	5	gwgu	nonSCAT	INshore	7.1489	1.6002	2.8243	0.9377	3.4488	0.9472	2.1381	0.8668	5.5273	3.4366	6.2122	2.8828	3.2507	2.3537	0	0	4.923	0.9403
2	5	gwgu	nonSCAT	OUTshore	1.9822	0.803	1.0609	0.5261	2.3066	1.2993	1.9106	0.9348	0.8731	0.3554	4.0677	2.9233	2.1457	1.0055	13.105	6.0394	2.5319	0.8856
2	5	gwgu	nonSCAT Total	wgt avg=	4.5655	0.8952	1.9426	0.5376	2.8777	0.804	2.0244	0.6374	3.2002	1.7275	5.14	2.0528	2.6982	1.2798	6.5525	3.0197	3.7275	0.6458
2	5	gwgu	UnAK-Umnak	INshore	5.8753	1.8823	7.0808	3.1677	8.6302	2.5723	3.5128	1.1633	80.415	42.3	4.9023	0.9046	0.5305	0.1767	1.9537	0.9309	8.0127	1.5317
2	5	gwgu	UnAK-Umnak	OUTshore	0.7295	0.1358	1.5786	0.4652	2.9443	0.878	1.2381	0.6502	0.4006	0.2471	7.6301	2.5784	0.7316	0.2244	0	0	2.742	0.5621
2	5	gwgu	UnAK-Umnak Total	wgt avg=	3.3024	0.9436	4.3297	1.6008	5.7873	1.359	2.3755	0.6663	40.408	21.15	6.2662	1.3662	0.6311	0.1428	0.9769	0.4654	5.3773	0.8158
2	5	gwgu		wgt avg=	3.2132	0.7109	3.8437	1.2789	5.4311	1.0979	2.3161	0.564	24.116	12.141	5.098	0.8203	0.6498	0.0962	1.5095	0.4173	4.6308	0.5778
2	6	megu	SCAT	INshore	0	0	0	0	0	0			0	0	0.0055	0.0055	0	0	0	0	0.0024	0.0024
2	6	megu	SCAT	OUTshore	0	0	0	0	0	0			0.1263	0.1169	0.0367	0.0301	0.1417	0.0939	0	0	0.0458	0.0212
2	6	megu	SCAT Total	wgt avg=	0	0	0	0	0	0			0.0631	0.0585	0.0211	0.0153	0.0709	0.0469	0	0	0.0241	0.0107
2	6	megu	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	6	megu	nonSCAT	OUTshore	0.0213	0.0229	0	0	0.0298	0.0302	0.105	0.0715	0	0	0	0	0	0	0	0	0.0205	0.0103
2	6	megu	nonSCAT Total	wgt avg=	0.0106	0.0114	0	0	0.0149	0.0151	0.0525	0.0357	0	0	0	0	0	0	0	0	0.0103	0.0051
2	6	megu	UnAK-Umnak	INshore	0.0517	0.037	0.0115	0.008	0.0141	0.0134	0	0	0.2005	0.1505	0	0	0	0	0	0	0.023	0.0103
2	6	megu	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	6	megu	UnAK-Umnak Total	wgt avg=	0.0258	0.0185	0.0058	0.004	0.0071	0.0067	0	0	0.1002	0.0752	0	0	0	0	0	0	0.0115	0.0052
2	6	megu		wgt avg=	0.0204	0.0138	0.0046	0.0032	0.0073	0.0056	0.0089	0.006	0.0739	0.0458	0.0068	0.005	0.0266	0.0176	0	0	0.0138	0.0042
3	1	loon	SCAT	INshore	0.1382	0.0516	0.0304	0.0321	0.0773	0.0697			0.1086	0.0708	0.1071	0.0351	0.1731	0.0631	0.4639	0.3441	0.1226	0.0229
3	1	loon	SCAT	OUTshore	0.1327	0.0687	0.1158	0.08	0.1954	0.0922			0.4144	0.1921	0.2071	0.0461	0.115	0.0509	0.2331	0.2027	0.1818	0.0285
3	1	loon	SCAT Total	wgt avg=	0.1355	0.043	0.0731	0.0431	0.1364	0.0578			0.2615	0.1024	0.1571	0.029	0.1441	0.0405	0.3485	0.1997	0.1522	0.0183
3	1	loon	nonSCAT	INshore	0.0532	0.0535	0	0	0.0538	0.0491	0.0963	0.0652	0.0758	0.0763	0.0347	0.021	0	0	0	0	0.045	0.0177
3	1	loon	nonSCAT	OUTshore	0.1278	0.0605	0.3119	0.1866	0.1194	0.0629	0.0613	0.0652	0.0895	0.095	0.1121	0.0728	0.6494	0.3944	0	0	0.144	0.0392
3	1	loon	nonSCAT Total	wgt avg=	0.0905	0.0404	0.1559	0.0933	0.0866	0.0399	0.0788	0.0461	0.0827	0.0609	0.0734	0.0379	0.3247	0.1972	0	0	0.0945	0.0215
3	1	loon	UnAK-Umnak	INshore	0.0992	0.0368	0.129	0.0607	0.1378	0.0541	0.0319	0.0311	0.1504	0.1162	0.1187	0.0372	0.5193	0.3207	0	0	0.1425	0.0306
3	1	loon	UnAK-Umnak	OUTshore	0.0401	0.0239	0.0911	0.0426	0.0448	0.0334	0	0	0	0	0.0871	0.0362	0.2139	0.1206	0	0	0.0675	0.0162
3	1	loon	UnAK-Umnak Total	wgt avg=	0.0696	0.022	0.1101	0.0371	0.0913	0.0318	0.0159	0.0155	0.0752	0.0581	0.1029	0.026	0.3666	0.1713	0	0	0.105	0.0173
3	1	loon		wgt avg=	0.0815	0.0181	0.1113	0.0315	0.0948	0.0264	0.0266	0.0151	0.1247	0.0438	0.1169	0.0178	0.2824	0.1057	0.1298	0.0744	0.1129	0.0128
3	2	yblo	SCAT	INshore	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
3	2	yblo	SCAT	OUTshore	0	0	0	0	0.0338	0.0316			0	0	0.0077	0.0069	0.0133	0.0144	0	0	0.0083	0.0046
3	2	yblo	SCAT Total	wgt avg=	0	0	0	0	0.0169	0.0158			0	0	0.0038	0.0034	0.0067	0.0072	0	0	0.0042	0.0023

				ESIclass	esi1		esi1+		esi2		esi3		esi45		esi6		esi8		esi910		Total	
grp	sg	**sppn**	**region**	**zone**	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens
3	2	yblo	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	yblo	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0.1735	0.1645	0	0	0.3388	0.2789	0	0	0.0132	0.0095
3	2	yblo	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0.0867	0.0823	0	0	0.1694	0.1394	0	0	0.0066	0.0048
3	2	yblo	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	yblo	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	yblo	UnAK-Umnak Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	yblo		wgt avg=	0	0	0	0	0.0015	0.0014	0	0	0.0145	0.0137	0.0012	0.0011	0.0048	0.0033	0	0	0.0015	0.0007
3	3	rngr	SCAT	INshore	0.0877	0.064	0	0	0.1195	0.0824			0.0434	0.0354	0.0592	0.0224	0.0715	0.0307	0	0	0.0645	0.017
3	3	rngr	SCAT	OUTshore	0.0821	0.0375	0	0	0.0338	0.0316			0	0	0.4716	0.1774	0.0544	0.0338	0.1622	0.157	0.2345	0.0778
3	3	rngr	SCAT Total	wgt avg=	0.0849	0.0371	0	0	0.0767	0.0442			0.0217	0.0177	0.2654	0.0894	0.063	0.0228	0.0811	0.0785	0.1495	0.0398
3	3	rngr	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3	rngr	nonSCAT	OUTshore	0.0319	0.0324	0	0	0	0	0	0	0.1791	0.1819	0.0733	0.052	0	0	0	0	0.0378	0.0192
3	3	rngr	nonSCAT Total	wgt avg=	0.016	0.0162	0	0	0	0	0	0	0.0895	0.0909	0.0366	0.026	0	0	0	0	0.0189	0.0096
3	3	rngr	UnAK-Umnak	INshore	0.0254	0.0192	0	0	0.1571	0.0679	0.0277	0.028	0	0	0	0	0	0	0	0	0.0393	0.0144
3	3	rngr	UnAK-Umnak	OUTshore	0	0	0	0	0.0247	0.024	0	0	0	0	0	0	0	0	0	0	0.0049	0.0047
3	3	rngr	UnAK-Umnak Total	wgt avg=	0.0127	0.0096	0	0	0.0909	0.036	0.0138	0.014	0	0	0	0	0	0	0	0	0.0221	0.0076
3	3	rngr		wgt avg=	0.0235	0.0091	0	0	0.0799	0.0292	0.0115	0.0116	0.0206	0.0159	0.0905	0.0292	0.0237	0.0086	0.0302	0.0292	0.0461	0.0093
4	1	emgo	SCAT	INshore	17.813	10.704	9.7631	4.5651	26.642	12.477			4.1471	2.4206	14.194	3.6068	0.3452	0.3273	0	0	12.386	2.6368
4	1	emgo	SCAT	OUTshore	14.976	5.9671	12.478	6.4251	21.698	10.644			2.7705	2.7522	10.881	3.3756	0.4734	0.4708	316.93	200.4	16.82	4.65
4	1	emgo	SCAT Total	wgt avg=	16.395	6.1272	11.12	3.9409	24.17	8.2002			3.4588	1.8326	12.538	2.47	0.4093	0.2867	158.46	100.2	14.603	2.6728
4	1	emgo	nonSCAT	INshore	7.0534	3.0319	20.726	8.5254	12.392	4.2833	0	0	3.3997	2.5626	5.77	3.1325	0	0	0	0	8.5147	1.8219
4	1	emgo	nonSCAT	OUTshore	5.3022	2.9111	15.23	10.31	11.091	3.2411	0	0	0	0	14.055	3.4649	108.92	104.39	0	0	10.431	2.273
4	1	emgo	nonSCAT Total	wgt avg=	6.1778	2.1016	17.978	6.6891	11.741	2.6857	0	0	1.6999	1.2813	9.9124	2.3355	54.461	52.195	0	0	9.4728	1.4565
4	1	emgo	UnAK-Umnak	INshore	47.098	21.827	4.7432	1.4546	60.695	13.038	19.126	6.7324	106.87	43.401	8.9705	3.4909	0.4416	0.3651	0	0	30.559	6.0201
4	1	emgo	UnAK-Umnak	OUTshore	4.5824	1.5413	5.7758	1.9304	14.782	4.0288	0.5773	0.3084	7.1162	3.0909	5.3969	1.6964	2.1901	0.8953	46.439	9.5823	6.9008	1.01
4	1	emgo	UnAK-Umnak Total	wgt avg=	25.84	10.941	5.2595	1.2085	37.739	6.8232	9.8515	3.3697	56.994	21.756	7.1837	1.9406	1.3159	0.4834	23.22	4.7912	18.73	3.0521
4	1	emgo		wgt avg=	22.312	8.2044	7.1639	1.2526	33.725	5.5333	8.1846	2.7996	33.885	12.495	9.2476	1.3721	1.7076	0.785	71.394	37.418	16.933	2.2026
5	1	stei	SCAT	INshore	2.2328	1.0798	0.6869	0.4436	3.8719	2.4601			7.6247	2.5086	2.6642	0.6385	1.7602	0.8658	0	0	2.5734	0.4338
5	1	stei	SCAT	OUTshore	0.5917	0.3005	0	0	3.6674	2.6646			4.365	2.6057	1.9336	0.7345	1.5752	1.1816	2.3211	1.1887	1.7657	0.4558
5	1	stei	SCAT Total	wgt avg=	1.4122	0.5604	0.3434	0.2218	3.7697	1.8133			5.9948	1.8085	2.2989	0.4866	1.6677	0.7324	1.1606	0.5943	2.1695	0.3146
5	1	stei	nonSCAT	INshore	1.3624	0.5551	0.9897	0.6757	0.995	0.5614	5.0201	2.2902	0	0	3.1556	1.2061	5.3994	5.3631	22.841	16.312	2.2932	0.4809
5	1	stei	nonSCAT	OUTshore	1.3325	0.8368	2.0262	1.3102	0.2756	0.1982	0.1867	0.1822	0	0	6.4766	3.3293	0	0	11.806	5.9927	2.6014	0.9813
5	1	stei	nonSCAT Total	wgt avg=	1.3475	0.5021	1.5079	0.7371	0.6353	0.2977	2.6034	1.1487	0	0	4.8161	1.7705	2.6997	2.6815	17.324	8.6889	2.4473	0.5464
5	1	stei	UnAK-Umnak	INshore	5.3753	2.5715	0.8225	0.4471	4.564	2.0759	0	0	0	0	0.0732	0.0578	0	0	1.0812	0.8235	2.3507	0.7425
5	1	stei	UnAK-Umnak	OUTshore	0.2727	0.2058	3.3009	1.6115	6.3282	2.0683	2.2478	1.2676	5.4865	3.5351	1.2597	0.5963	1.7907	1.4076	7.8072	3.9471	2.6711	0.5416
5	1	stei	UnAK-Umnak Total	wgt avg=	2.824	1.2899	2.0617	0.8362	5.4461	1.4652	1.1239	0.6338	2.7433	1.7676	0.6665	0.2995	0.8953	0.7038	4.4442	2.016	2.5109	0.4595
5	1	stei		wgt avg=	2.4572	0.9662	1.8364	0.6719	4.7784	1.1876	1.3742	0.5613	3.1276	1.1173	1.6945	0.3128	1.2106	0.5115	4.4482	1.3732	2.4388	0.3326
5	2	coei	SCAT	INshore	0.0134	0.0143	0	0	5.7493	3.6478			0.7708	0.7376	0.8709	0.6589	0.0695	0.0532	0	0	0.8991	0.4148
5	2	coei	SCAT	OUTshore	0.5674	0.4703	0	0	1.5104	1.3946			0.5288	0.507	1.0219	0.542	0	0	0	0	0.6903	0.275
5	2	coei	SCAT Total	wgt avg=	0.2904	0.2353	0	0	3.6299	1.9526			0.6498	0.4475	0.9464	0.4266	0.0347	0.0266	0	0	0.7947	0.2488
5	2	coei	nonSCAT	INshore	0	0	0	0	0.5592	0.5276	0.6709	0.6734	0.1408	0.1706	0	0	6.1157	5.8762	0	0	0.2368	0.1297
5	2	coei	nonSCAT	OUTshore	0	0	0.1379	0.0808	3.7812	2.6951	0.9393	0.9229	0	0	1.7806	1.2127	0	0	0	0	1.2637	0.5812
5	2	coei	nonSCAT Total	wgt avg=	0	0	0.069	0.0404	2.1702	1.3731	0.8051	0.5712	0.0704	0.0853	0.8903	0.6064	3.0579	2.9381	0	0	0.7503	0.2978
5	2	coei	UnAK-Umnak	INshore	0.0888	0.0616	0.8662	0.4701	3.7565	1.1695	0.7265	0.6027	0	0	0.5899	0.4002	0	0	0	0	1.0902	0.2631
5	2	coei	UnAK-Umnak	OUTshore	2.9051	1.1538	1.7622	1.1565	6.9883	2.1073	10.654	2.6486	0	0	0.9608	0.3444	0.1789	0.1407	23.972	11.357	3.608	0.5873
5	2	coei	UnAK-Umnak Total	wgt avg=	1.497	0.5777	1.3142	0.6242	5.3724	1.2051	5.69	1.3581	0	0	0.7753	0.264	0.0894	0.0703	11.986	5.6787	2.3491	0.3218
5	2	coei		wgt avg=	1.1576	0.4319	1.0557	0.498	4.8716	0.994	4.8635	1.1325	0.1801	0.1168	0.8446	0.2144	0.1098	0.0599	6.3781	3.0218	1.878	0.2325
5	3	kiei	SCAT	INshore	0.1753	0.1557	0.2336	0.2416	0	0			0.0615	0.0613	0.0781	0.031	0.4292	0.34	0.1546	0.1445	0.1596	0.0669
5	3	kiei	SCAT	OUTshore	0.0172	0.0174	0.0989	0.0952	0	0			0	0	0.1058	0.0612	0.2249	0.21	0	0	0.0941	0.0447

				ESIclass	esi1		esi1+		esi2		esi3		esi45		esi6		esi8		esi910		Total	
grp	sg	**sppn**	**region**	**zone**	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens
5	3	kiei	SCAT Total	wgt avg=	0.0963	0.0784	0.1663	0.1298	0	0			0.0308	0.0307	0.0919	0.0343	0.327	0.1998	0.0773	0.0723	0.1269	0.0402
5	3	kiei	nonSCAT	INshore	0	0	0	0	0.3178	0.2216	0.2013	0.1368	0.4223	0.3325	0.0611	0.0393	0	0	0	0	0.1151	0.0456
5	3	kiei	nonSCAT	OUTshore	0.0652	0.0647	0.1167	0.0808	1.0217	0.7706	0.1867	0.1868	0.6044	0.6229	0.0571	0.0475	0	0	0	0	0.2742	0.1391
5	3	kiei	nonSCAT Total	wgt avg=	0.0326	0.0324	0.0583	0.0404	0.6697	0.4009	0.194	0.1158	0.5133	0.3531	0.0591	0.0308	0	0	0	0	0.1946	0.0732
5	3	kiei	UnAK-Umnak	INshore	0.0113	0.0104	0.019	0.0142	1.1252	1.064	3.6637	3.8233	0	0	0.0227	0.0202	0	0	0	0	0.5176	0.3638
5	3	kiei	UnAK-Umnak	OUTshore	0	0	0.0268	0.023	0.9517	0.7708	2.0101	1.7093	0	0	0.5951	0.4404	0	0	0	0	0.4702	0.2212
5	3	kiei	UnAK-Umnak Total	wgt avg=	0.0056	0.0052	0.0229	0.0135	1.0384	0.6569	2.8369	2.094	0	0	0.3089	0.2204	0	0	0	0	0.4939	0.2129
5	3	kiei		wgt avg=	0.0217	0.0125	0.0406	0.0171	0.9054	0.529	2.3897	1.7398	0.0937	0.0595	0.2085	0.123	0.1229	0.0751	0.0288	0.0269	0.3912	0.1494
6	1	blsc	SCAT	INshore	11.616	2.7568	2.9927	1.0883	2.3578	0.8808			12.55	2.6677	15.549	1.7702	22.433	3.2271	13.514	4.0175	13.809	1.0681
6	1	blsc	SCAT	OUTshore	6.2927	1.38	4.3957	1.5058	3.8122	1.5301			14.314	4.7311	9.3044	1.0316	7.2067	1.5605	8.6154	4.4661	7.8491	0.6445
6	1	blsc	SCAT Total	wgt avg=	8.9542	1.5415	3.6942	0.9289	3.085	0.8828			13.432	2.7157	12.427	1.0245	14.82	1.7923	11.065	3.0036	10.829	0.6238
6	1	blsc	nonSCAT	INshore	3.9072	1.3833	1.3286	0.7541	13.189	4.5693	5.9215	2.0363	15.97	5.9401	17.125	4.2279	26.722	14.802	21.145	17.479	10.132	1.5325
6	1	blsc	nonSCAT	OUTshore	1.1475	0.3794	1.7695	0.6913	1.4517	0.4951	2.3394	0.8692	13.046	5.772	8.144	2.0973	13.834	6.9944	0	0	4.1697	0.7006
6	1	blsc	nonSCAT Total	wgt avg=	2.5274	0.7172	1.549	0.5115	7.3204	2.298	4.1304	1.107	14.508	4.1413	12.634	2.3598	20.278	8.1856	10.573	8.7393	7.1506	0.8425
6	1	blsc	UnAK-Umnak	INshore	6.0502	3.2534	4.2532	0.3739	5.9566	1.7051	7.9722	3.8651	2.9597	1.1969	4.6144	0.9724	8.3184	2.2599	14.852	10.315	5.7299	0.9409
6	1	blsc	UnAK-Umnak	OUTshore	17.455	7.7585	2.6093	0.5281	13.191	4.702	14.249	6.5303	4.0198	0.8462	10.858	1.5421	11.974	5.4411	16.693	6.9412	11.677	2.1955
6	1	blsc	UnAK-Umnak Total	wgt avg=	11.753	4.2065	3.4312	0.3235	9.5739	2.5008	11.111	3.7942	3.4898	0.7329	7.7362	0.9115	10.146	2.9459	15.772	6.2164	8.7034	1.1943
6	1	blsc		wgt avg=	10.334	3.1436	3.2594	0.2787	8.7479	2.0238	9.9297	3.1578	7.9065	1.0726	9.8458	0.6687	12.043	1.9232	13.523	3.59	8.9401	0.8495
6	2	wwsc	SCAT	INshore	0.4579	0.3931	0.5607	0.5	0.1031	0.0935			1.3208	1.3004	0.6457	0.2633	0.8884	0.5038	11.589	7.1276	0.8644	0.2286
6	2	wwsc	SCAT	OUTshore	1.7923	0.6101	0.4946	0.2703	0.3402	0.2819			1.259	0.519	1.5085	0.3099	1.2127	0.4216	4.0138	2.0227	1.3748	0.1931
6	2	wwsc	SCAT Total	wgt avg=	1.1251	0.3629	0.5276	0.2842	0.2217	0.1485			1.2899	0.7001	1.0771	0.2033	1.0506	0.3285	7.8016	3.7045	1.1196	0.1496
6	2	wwsc	nonSCAT	INshore	0.0436	0.0423	0	0	0	0	0	0	0.3194	0.2905	0.6591	0.3207	0	0	0	0	0.2139	0.0926
6	2	wwsc	nonSCAT	OUTshore	0.5871	0.2608	0.6068	0.2424	0.3195	0.145	0.0554	0.0505	0.929	0.5116	2.0069	0.7317	3.9526	3.9341	0	0	0.9415	0.2253
6	2	wwsc	nonSCAT Total	wgt avg=	0.3154	0.1321	0.3034	0.1212	0.1597	0.0725	0.0277	0.0253	0.6242	0.2941	1.333	0.3994	1.9763	1.9671	0	0	0.5777	0.1218
6	2	wwsc	UnAK-Umnak	INshore	0	0	0.0339	0.0279	0.1098	0.0754	0.0301	0.0293	0	0	0.1443	0.0468	0	0	4.0497	2.2167	0.0921	0.0258
6	2	wwsc	UnAK-Umnak	OUTshore	0.0403	0.033	0.1385	0.1241	0.2535	0.1403	0.0835	0.057	2.0676	1.5308	0.8985	0.2911	0.0663	0.0564	0	0	0.3386	0.0828
6	2	wwsc	UnAK-Umnak Total	wgt avg=	0.0202	0.0165	0.0862	0.0636	0.1816	0.0796	0.0568	0.032	1.0338	0.7654	0.5214	0.1474	0.0331	0.0282	2.0248	1.1083	0.2154	0.0434
6	2	wwsc		wgt avg=	0.2128	0.0559	0.1519	0.0592	0.1829	0.0657	0.0519	0.027	1.0318	0.4777	0.7991	0.1156	0.4424	0.1276	3.9841	1.5009	0.4275	0.0438
6	3	susc	SCAT	INshore	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
6	3	susc	SCAT	OUTshore	0	0	0	0	0	0			0	0	0	0	0.1047	0.0827	0.3243	0.3006	0.0243	0.0152
6	3	susc	SCAT Total	wgt avg=	0	0	0	0	0	0			0	0	0	0	0.0524	0.0414	0.1622	0.1503	0.0121	0.0076
6	3	susc	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	3	susc	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0.014	0.015	0	0	0	0	0.004	0.0042
6	3	susc	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0.007	0.0075	0	0	0	0	0.002	0.0021
6	3	susc	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	3	susc	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0.0332	0.032	0	0	0	0	0	0	0	0	0.0026	0.0025
6	3	susc	UnAK-Umnak Total	wgt avg=	0	0	0	0	0	0	0.0166	0.016	0	0	0	0	0	0	0	0	0.0013	0.0012
6	3	susc		wgt avg=	0	0	0	0	0	0	0.0138	0.0133	0	0	0.0008	0.0009	0.0197	0.0156	0.0604	0.056	0.0034	0.0017
6	4	scot	SCAT	INshore	1.087	0.4758	0.6541	0.2972	1.9289	1.4881			0.2316	0.2267	0.805	0.3228	1.9115	0.7369	1.366	0.8428	1.1017	0.239
6	4	scot	SCAT	OUTshore	1.9706	0.8269	1.0784	0.72	2.5455	1.3888			10.293	6.7009	3.6993	1.3575	4.0695	1.8111	0.669	0.4532	3.4312	0.7637
6	4	scot	SCAT Total	wgt avg=	1.5288	0.477	0.8663	0.3895	2.2372	1.0178			5.2622	3.3524	2.2522	0.6977	2.9905	0.9776	1.0175	0.4784	2.2664	0.4001
6	4	scot	nonSCAT	INshore	0.4228	0.3724	0	0	0.2796	0.1736	0.2246	0.2222	2.5823	2.31	2.2964	1.0326	2.1488	2.098	0	0	0.9808	0.3324
6	4	scot	nonSCAT	OUTshore	0.1997	0.1189	0.5665	0.3679	0.7864	0.4868	0.3121	0.3114	6.5256	6.7602	3.0416	1.3041	1.2705	1.278	0	0	1.5259	0.535
6	4	scot	nonSCAT Total	wgt avg=	0.3112	0.1955	0.2832	0.184	0.533	0.2584	0.2684	0.1913	4.554	3.572	2.669	0.8317	1.7096	1.2283	0	0	1.2533	0.3149
6	4	scot	UnAK-Umnak	INshore	1.9785	0.6031	0.6786	0.3808	6.2041	2.04	6.0375	2.7477	7.7737	2.9605	4.5541	1.3464	1.0564	0.4227	0	0	3.5194	0.5635
6	4	scot	UnAK-Umnak	OUTshore	1.5862	0.5756	2.1159	1.0311	3.5021	2.0924	3.1542	1.8882	1.4158	0.4801	2.0999	0.7199	22.066	2.2625	0	0	3.7801	0.5413
6	4	scot	UnAK-Umnak Total	wgt avg=	1.7823	0.4168	1.3973	0.5496	4.8531	1.4611	4.5959	1.667	4.5947	1.4996	3.327	0.7634	11.561	1.1508	0	0	3.6497	0.3907
6	4	scot		wgt avg=	1.584	0.319	1.2288	0.4405	4.1536	1.1766	3.8636	1.3853	4.7609	1.3606	2.8994	0.491	8.2034	0.7928	0.3791	0.1783	3.1245	0.286
7	1	scau	SCAT	INshore	0.0918	0.0572	0.3247	0.3165	0	0			0.1701	0.1325	0.3272	0.1862	0.6282	0.4057	0.6186	0.6017	0.309	0.1098

				ESIclass	esi1		esi1+		esi2		esi3		esi45		esi6		esi8		esi910		Total	
grp	sg	**sppn**	**region**	**zone**	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens
7	1	scau	SCAT	OUTshore	0.0365	0.0347	0	0	1.1244	1.0562			0	0	0.1522	0.0603	0.3923	0.3033	0	0	0.2296	0.1034
7	1	scau	SCAT Total	wgt avg=	0.0641	0.0335	0.1624	0.1583	0.5622	0.5281			0.085	0.0662	0.2397	0.0979	0.5102	0.2533	0.3093	0.3009	0.2693	0.0754
7	1	scau	nonSCAT	INshore	0	0	0	0	0.0625	0.0626	0	0	0.3681	0.3698	0.2274	0.1101	3.9945	3.9153	0.2559	0	0.1406	0.0571
7	1	scau	nonSCAT	OUTshore	0.3035	0.3009	0.2546	0.2012	0	0	0	0	0	0	0	0	0	0	0	0	0.1053	0.0739
7	1	scau	nonSCAT Total	wgt avg=	0.1518	0.1504	0.1273	0.1006	0.0313	0.0313	0	0	0.1841	0.1849	0.1137	0.055	1.9972	1.9577	0.128	0	0.1229	0.0467
7	1	scau	UnAK-Umnak	INshore	0	0	0	0	0.5616	0.3572	0	0	0	0	0.4755	0.2223	0	0	0	0	0.2081	0.084
7	1	scau	UnAK-Umnak	OUTshore	0	0	0.3283	0.3046	2.0765	1.4816	0	0	0	0	0	0	0	0	0	0	0.4677	0.2983
7	1	scau	UnAK-Umnak Total	wgt avg=	0	0	0.1642	0.1523	1.3191	0.762	0	0	0	0	0.2378	0.1111	0	0	0	0	0.3379	0.155
7	1	scau		wgt avg=	0.026	0.0172	0.1601	0.1229	1.1126	0.6134	0	0	0.0528	0.0353	0.2235	0.0697	0.2193	0.099	0.1274	0.1121	0.3014	0.1095
7	2	buff	SCAT	INshore	0.3919	0.3183	0	0	0.1336	0.0935			0.0326	0.0354	0.12	0.0366	0.0933	0.0501	0.3007	0.236	0.1533	0.0578
7	2	buff	SCAT	OUTshore	0	0	0	0	0	0			0	0	0.1082	0.0526	0.0103	0.0102	2.534	1.6035	0.1016	0.0405
7	2	buff	SCAT Total	wgt avg=	0.1959	0.1592	0	0	0.0668	0.0467			0.0163	0.0177	0.1141	0.032	0.0518	0.0256	1.4173	0.8104	0.1274	0.0353
7	2	buff	nonSCAT	INshore	0	0	0	0	0	0	0	0	0.4006	0.3369	0.1832	0.1096	0	0	0	0	0.0739	0.0361
7	2	buff	nonSCAT	OUTshore	0	0	0	0	0	0	0.1021	0.0967	4.9418	4.2539	0.1552	0.1013	6.5782	5.9422	0	0	0.397	0.2446
7	2	buff	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0.051	0.0484	2.6712	2.1336	0.1692	0.0746	3.2891	2.9711	0	0	0.2354	0.1236
7	2	buff	UnAK-Umnak	INshore	0.0348	0.0238	0.0237	0.0232	0.0141	0.011	0	0	0	0	0.1194	0.0349	0.1544	0.0867	16.057	8.7838	0.1811	0.0723
7	2	buff	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0.0567	0.0527	0.0615	0.0352	0	0	0.0161	0.011
7	2	buff	UnAK-Umnak Total	wgt avg=	0.0174	0.0119	0.0119	0.0116	0.0071	0.0055	0	0	0	0	0.0881	0.0316	0.108	0.0468	8.0283	4.3919	0.0986	0.0366
7	2	buff		wgt avg=	0.0414	0.0247	0.0095	0.0093	0.0117	0.0061	0.0086	0.0082	0.4504	0.3564	0.1063	0.0223	0.1307	0.0508	4.8001	2.3565	0.119	0.0297
7	3	gold	SCAT	INshore	0.1671	0.0976	0	0	0	0			0.1484	0.1062	0.7022	0.2345	0.5442	0.1878	0.61	0.5959	0.4451	0.1089
7	3	gold	SCAT	OUTshore	0.1023	0.0723	0	0	0	0			0.5288	0.3245	0.3351	0.1604	0.2526	0.208	2.2806	2.1866	0.2788	0.0925
7	3	gold	SCAT Total	wgt avg=	0.1347	0.0607	0	0	0	0			0.3386	0.1707	0.5187	0.142	0.3984	0.1401	1.4453	1.1332	0.3619	0.0715
7	3	gold	nonSCAT	INshore	0.0205	0.0189	0	0	0	0	0	0	1.2451	0.8109	0.2401	0.1462	0	0	0.8317	0.9005	0.1488	0.0616
7	3	gold	nonSCAT	OUTshore	0.0319	0.0324	0	0	0	0	0	0	0.5205	0.5056	0.4969	0.2449	0	0	19.658	10.189	0.36	0.1212
7	3	gold	nonSCAT Total	wgt avg=	0.0262	0.0187	0	0	0	0	0	0	0.8828	0.4778	0.3685	0.1426	0	0	10.245	5.1142	0.2544	0.068
7	3	gold	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0.754	0.3905	0.0477	0.0324	41.758	21.619	0.4958	0.1926
7	3	gold	UnAK-Umnak	OUTshore	0.2411	0.2109	0	0	0	0	0	0	0	0	0	0	0.0549	0.0473	90.912	45.611	0.7992	0.3735
7	3	gold	UnAK-Umnak Total	wgt avg=	0.1206	0.1054	0	0	0	0	0	0	0	0	0.377	0.1953	0.0513	0.0287	66.335	25.237	0.6475	0.2101
7	3	gold		wgt avg=	0.1123	0.0791	0	0	0	0	0	0	0.2352	0.0912	0.4219	0.1191	0.1811	0.0555	36.814	13.445	0.5501	0.1479
7	4	ltdu	SCAT	INshore	0.8694	0.3416	1.3246	0.6039	1.9383	1.1972			1.5199	0.7594	1.5273	0.3543	6.4052	4.5677	1.7612	1.0654	2.253	0.7894
7	4	ltdu	SCAT	OUTshore	1.0668	0.3089	0.6417	0.443	2.8278	0.8782			5.0556	2.093	2.1634	0.3049	2.0199	0.7337	1.4089	0.6473	2.0161	0.2286
7	4	ltdu	SCAT Total	wgt avg=	0.9681	0.2303	0.9832	0.3745	2.383	0.7424			3.2878	1.1132	1.8453	0.2337	4.2126	2.3131	1.585	0.6233	2.1345	0.4109
7	4	ltdu	nonSCAT	INshore	0.941	0.7189	0.4813	0.3987	0.7814	0.3302	0.7467	0.4472	1.3372	0.6672	0.8107	0.2976	8.843	9.0742	1.3756	1.4238	0.9017	0.2302
7	4	ltdu	nonSCAT	OUTshore	0.8986	0.3615	0.8444	0.4331	1.543	0.5396	0.9947	0.5686	14.07	4.5216	2.0522	0.5584	35.404	13.229	1.6529	1.0594	2.4395	0.3599
7	4	ltdu	nonSCAT Total	wgt avg=	0.9198	0.4023	0.6629	0.2943	1.1622	0.3163	0.8707	0.3617	7.7035	2.2853	1.4315	0.3164	22.123	8.0209	1.5142	0.8873	1.6706	0.2136
7	4	ltdu	UnAK-Umnak	INshore	2.3072	1.2092	0.279	0.1232	1.4722	0.4132	1.3141	0.6727	1.4478	0.8795	1.1498	0.3826	1.1799	0.6573	0	0	1.3554	0.3195
7	4	ltdu	UnAK-Umnak	OUTshore	0.6504	0.434	0.615	0.3273	6.9256	5.1247	1.5526	1.0697	0.1867	0.0893	1.7132	0.5252	5.5841	1.3181	1.4828	0.749	2.5328	1.0363
7	4	ltdu	UnAK-Umnak Total	wgt avg=	1.4788	0.6423	0.447	0.1749	4.1989	2.5707	1.4333	0.6318	0.8173	0.442	1.4315	0.3249	3.382	0.7364	0.7414	0.3745	1.9441	0.5422
7	4	ltdu		wgt avg=	1.3434	0.4819	0.5218	0.1475	3.7093	2.0646	1.3381	0.5285	2.6077	0.5415	1.5657	0.1994	3.9526	0.9851	1.1294	0.3175	1.9507	0.3883
7	5	hard	SCAT	INshore	7.5492	1.7884	4.1421	1.376	5.4938	1.8956			4.7478	1.5921	6.1836	0.6825	7.0065	1.9034	13.643	4.7461	6.4267	0.5768
7	5	hard	SCAT	OUTshore	1.6758	0.4559	0.6514	0.2885	3.0353	0.9226			1.2314	0.7685	2.5861	0.4796	1.5537	0.4186	3.6489	1.9055	2.1038	0.2522
7	5	hard	SCAT Total	wgt avg=	4.6125	0.9228	2.3968	0.703	4.2646	1.0541			2.9896	0.884	4.3849	0.4171	4.2801	0.9744	8.6458	2.5572	4.2652	0.3148
7	5	hard	nonSCAT	INshore	5.0623	1.5134	3.7914	1.3236	3.2074	1.2297	0.4025	0.2736	2.4307	1.1768	9.3015	2.0464	7.135	4.442	0	0	5.1193	0.7345
7	5	hard	nonSCAT	OUTshore	0.2037	0.104	0.2758	0.1878	1.0164	0.3914	2.0302	0.8529	5.3839	2.4917	2.6223	0.8014	1.1858	1.0435	4.8996	3.2937	1.5617	0.2907
7	5	hard	nonSCAT Total	wgt avg=	2.633	0.7585	2.0336	0.6684	2.1119	0.6452	1.2164	0.4479	3.9073	1.3778	5.9619	1.0989	4.1604	2.2815	2.4498	1.6469	3.3405	0.395
7	5	hard	UnAK-Umnak	INshore	11.684	4.6063	3.8218	0.8216	13.444	3.008	6.4308	2.8859	7.0943	2.4645	11.702	1.3029	7.8412	1.4666	26.043	11.865	9.9841	1.3147
7	5	hard	UnAK-Umnak	OUTshore	0.6935	0.2851	0.0323	0.0292	2.4017	1.2063	0.5822	0.4242	0.6247	0.2915	0.5587	0.2221	7.4391	3.4318	22.321	11.217	1.5558	0.3712
7	5	hard	UnAK-Umnak Total	wgt avg=	6.1888	2.3075	1.9271	0.4111	7.9226	1.6204	3.5065	1.4584	3.8595	1.2408	6.1301	0.6608	7.6401	1.866	24.182	8.1639	5.7699	0.683
7	5	hard		wgt avg=	5.5698	1.7268	1.984	0.3423	6.9692	1.3058	3.119	1.214	3.6421	0.7826	5.544	0.4129	6.329	1.1967	16.323	4.4503	5.2179	0.4839

				ESIclass	esi1		esi1+		esi2		esi3		esi45		esi6		esi8		esi910		Total	
grp	sg	**sppn**	**region**	**zone**	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens
7	6	undu	SCAT	INshore	1.3603	0.845	0.4018	0.3943	2.4329	1.1177			0.4668	0.4479	3.6513	1.592	2.0079	1.2273	0	0	2.4085	0.7436
7	6	undu	SCAT	OUTshore	0.1955	0.1843	0	0	0.1689	0.1565			0	0	0	0	0.0565	0.0407	0	0	0.0565	0.0345
7	6	undu	SCAT Total	wgt avg=	0.7779	0.4324	0.2009	0.1971	1.3009	0.5643			0.2334	0.2239	1.8256	0.796	1.0322	0.614	0	0	1.2325	0.3722
7	6	undu	nonSCAT	INshore	0.9205	0.8863	0	0	0	0	1.2485	1.2461	0.6929	0.7074	2.4996	1.2808	10.496	9.4471	0	0	1.1925	0.4462
7	6	undu	nonSCAT	OUTshore	0.0213	0.0229	1.1542	1.1829	0	0	0.0613	0.0652	0	0	0	0	0	0	0	0	0.1775	0.1708
7	6	undu	nonSCAT Total	wgt avg=	0.4709	0.4433	0.5771	0.5914	0	0	0.6549	0.6239	0.3465	0.3537	1.2498	0.6404	5.2479	4.7235	0	0	0.685	0.2389
7	6	undu	UnAK-Umnak	INshore	0.4942	0.3227	0.2469	0.2359	0	0	2.5367	1.8136	0	0	0	0	0	0	0	0	0.3566	0.1652
7	6	undu	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	6	undu	UnAK-Umnak Total	wgt avg=	0.2471	0.1613	0.1234	0.118	0	0	1.2684	0.9068	0	0	0	0	0	0	0	0	0.1783	0.0826
7	6	undu		wgt avg=	0.3486	0.1441	0.1786	0.1143	0.117	0.0508	1.1646	0.7607	0.1184	0.0828	0.7422	0.2693	0.4604	0.2398	0	0	0.4348	0.0953
7	7	come	SCAT	INshore	0	0	0	0	0	0			0.0724	0.0708	0.022	0.0174	0	0	0	0	0.0131	0.0083
7	7	come	SCAT	OUTshore	0	0	0	0	0	0			0	0	0.0315	0.0324	0	0	0	0	0.0137	0.0141
7	7	come	SCAT Total	wgt avg=	0	0	0	0	0	0			0.0362	0.0354	0.0267	0.0184	0	0	0	0	0.0134	0.0082
7	7	come	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	come	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	come	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	come	UnAK-Umnak	INshore	0.0597	0.0542	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0142	0.0129
7	7	come	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	come	UnAK-Umnak Total	wgt avg=	0.0298	0.0271	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0071	0.0065
7	7	come		wgt avg=	0.0222	0.0202	0	0	0	0	0	0	0.0094	0.0092	0.0087	0.006	0	0	0	0	0.0075	0.0048
7	8	rbme	SCAT	INshore	0.034	0.0336	0	0	0.0609	0.0583			0	0	0.104	0.0474	0.0487	0.0501	0	0	0.0642	0.0235
7	8	rbme	SCAT	OUTshore	0	0	0.0314	0.0327	0	0			0	0	0.0355	0.0186	0	0	0	0	0.0179	0.0085
7	8	rbme	SCAT Total	wgt avg=	0.017	0.0168	0.0157	0.0163	0.0305	0.0291			0	0	0.0697	0.0255	0.0244	0.0251	0	0	0.041	0.0125
7	8	rbme	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	8	rbme	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0.2686	0.2687	0.0485	0.0463	0	0	0	0	0.0285	0.0198
7	8	rbme	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0.1343	0.1343	0.0243	0.0231	0	0	0	0	0.0143	0.0099
7	8	rbme	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0.0382	0.0293	0.0477	0.0451	0	0	0.0113	0.0068
7	8	rbme	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	8	rbme	UnAK-Umnak Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0.0191	0.0146	0.0239	0.0226	0	0	0.0057	0.0034
7	8	rbme		wgt avg=	0.0025	0.0024	0.0015	0.0016	0.0027	0.0026	0	0	0.0224	0.0224	0.0362	0.0119	0.0237	0.0167	0	0	0.0133	0.0035
7	9	merg	SCAT	INshore	0.6229	0.243	0.25	0.1789	0.2297	0.1304			2.2726	0.7569	1.7395	0.3409	1.3009	0.3065	1.5979	0.713	1.2626	0.1681
7	9	merg	SCAT	OUTshore	0.077	0.0459	0.193	0.1327	0.1785	0.1183			0.5288	0.3878	0.4445	0.1546	0.496	0.2085	1.1251	0.4532	0.368	0.0803
7	9	merg	SCAT Total	wgt avg=	0.35	0.1237	0.2215	0.1114	0.2041	0.088			1.4007	0.4252	1.092	0.1872	0.8985	0.1853	1.3615	0.4224	0.8153	0.0931
7	9	merg	nonSCAT	INshore	0.0586	0.0567	0	0	0.0156	0.0174	0	0	0.0704	0.0763	0.4464	0.2321	20.028	16.153	9.8209	3.6717	0.4529	0.1891
7	9	merg	nonSCAT	OUTshore	0.3315	0.1844	0	0	0	0	0.1517	0.1487	1.2872	1.1051	0.5486	0.2577	0	0	0	0	0.3163	0.1048
7	9	merg	nonSCAT Total	wgt avg=	0.1951	0.0965	0	0	0.0078	0.0087	0.0758	0.0744	0.6788	0.5539	0.4975	0.1734	10.014	8.0764	4.9104	1.8358	0.3846	0.1081
7	9	merg	UnAK-Umnak	INshore	0.3532	0.1857	0	0	1.6261	0.4875	1.4945	0.9819	0	0	2.1798	0.4725	0.4033	0.1315	1.3373	0.7336	1.0068	0.1627
7	9	merg	UnAK-Umnak	OUTshore	0.638	0.4071	0	0	0.4746	0.257	0.1247	0.1258	0	0	0.0334	0.0266	0.8698	0.5746	0	0	0.3271	0.1181
7	9	merg	UnAK-Umnak Total	wgt avg=	0.4956	0.2237	0	0	1.0503	0.2755	0.8096	0.495	0	0	1.1066	0.2366	0.6365	0.2947	0.6686	0.3668	0.6669	0.1005
7	9	merg		wgt avg=	0.4415	0.168	0.0216	0.0108	0.8622	0.2213	0.6854	0.4114	0.4763	0.1439	1.0287	0.1463	0.8643	0.2227	1.331	0.3057	0.6645	0.0735
7	10	gadw	SCAT	INshore	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
7	10	gadw	SCAT	OUTshore	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
7	10	gadw	SCAT Total	wgt avg=	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0
7	10	gadw	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	10	gadw	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	10	gadw	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	10	gadw	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	10	gadw	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4828	0.749	0.012	0.0061
7	10	gadw	UnAK-Umnak Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.7414	0.3745	0.006	0.003

				ESIclass	esi1		esi1+		esi2		esi3		esi45		esi6		esi8		esi910		Total	
grp	sg	sppn	region	zone	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens
7	10	gadw		wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3945	0.1993	0.0042	0.0021
7	11	mall	SCAT	INshore	0	0	0	0	0.0938	0.0824			0.4415	0.3046	0.6877	0.2328	0.537	0.2668	45.584	29.362	1.3676	0.6216
7	11	mall	SCAT	OUTshore	0.1104	0.1134	0	0	0	0			0	0	0.0682	0.0724	0.0626	0.0636	0.4156	0.3737	0.0676	0.0392
7	11	mall	SCAT Total	wgt avg=	0.0552	0.0567	0	0	0.0469	0.0412			0.2207	0.1523	0.378	0.1219	0.2998	0.1372	23	14.682	0.7176	0.3114
7	11	mall	nonSCAT	INshore	0	0	0	0	0	0	0	0	0.9582	0.9604	0.0779	0.0764	0	0	0	0	0.0748	0.0571
7	11	mall	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	11	mall	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0.4791	0.4802	0.039	0.0382	0	0	0	0	0.0374	0.0286
7	11	mall	UnAK-Umnak	INshore	0.3764	0.2098	0	0	1.091	0.6377	0	0	0	0	0.718	0.2926	1.7862	0.8865	9.9298	4.6288	0.6649	0.1666
7	11	mall	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	25.817	12.391	0.0529	0.0157	0.23	0.1318	14.884	7.4779	0.9084	0.3698
7	11	mall	UnAK-Umnak Total	wgt avg=	0.1882	0.1049	0	0	0.5455	0.3188	0	0	12.908	6.1954	0.3854	0.1465	1.0081	0.4481	12.407	4.3973	0.7866	0.2028
7	11	mall		wgt avg=	0.1483	0.0786	0	0	0.442	0.2559	0	0	7.5445	3.5563	0.3414	0.0906	0.7279	0.2783	15.171	5.9497	0.6918	0.154
7	12	agwt	SCAT	INshore	0	0	0	0	0	0			0	0	0	0	0	0	0.3179	0.3009	0.0066	0.0063
7	12	agwt	SCAT	OUTshore	0	0	0	0	0	0			0	0	0.019	0.0186	0	0	0	0	0.0083	0.0081
7	12	agwt	SCAT Total	wgt avg=	0	0	0	0	0	0			0	0	0.0095	0.0093	0	0	0.1589	0.1504	0.0074	0.0051
7	12	agwt	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	12	agwt	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	12	agwt	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	12	agwt	UnAK-Umnak	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	12	agwt	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	12	agwt	UnAK-Umnak Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	12	agwt		wgt avg=	0	0	0	0	0	0	0	0	0	0	0.0031	0.003	0	0	0.0592	0.056	0.0014	0.001
8	1	bloy	SCAT	INshore	0.296	0.158	0.4042	0.4641	1.0781	0.624			0	0	0.7293	0.2914	0.17	0.165	0	0	0.515	0.1464
8	1	bloy	SCAT	OUTshore	0.0263	0.0265	0	0	0	0			0	0	0.0061	0.0056	0	0	0	0	0.0071	0.0051
8	1	bloy	SCAT Total	wgt avg=	0.1612	0.0801	0.2021	0.232	0.5391	0.312			0	0	0.3677	0.1457	0.085	0.0825	0	0	0.2611	0.0732
8	1	bloy	nonSCAT	INshore	0.0409	0.0401	0.8428	0.6009	1.2138	0.9268	0	0	0	0	0.3991	0.391	0	0	0	0	0.4507	0.2117
8	1	bloy	nonSCAT	OUTshore	0.0493	0.0476	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0111	0.0108
8	1	bloy	nonSCAT Total	wgt avg=	0.0451	0.0311	0.4214	0.3004	0.6069	0.4634	0	0	0	0	0.1995	0.1955	0	0	0	0	0.2309	0.106
8	1	bloy	UnAK-Umnak	INshore	0.9134	0.6923	1.2106	0.7646	3.1845	1.4661	0	0	0.3759	0.2002	1.9919	1.1953	0	0	0	0	1.4723	0.4336
8	1	bloy	UnAK-Umnak	OUTshore	0	0	0.0158	0.0146	0.3342	0.3124	0	0	0	0	0	0	0	0	0	0	0.069	0.062
8	1	bloy	UnAK-Umnak Total	wgt avg=	0.4567	0.3461	0.6132	0.3824	1.7593	0.7495	0	0	0.1879	0.1001	0.9959	0.5976	0	0	0	0	0.7706	0.219
8	1	bloy		wgt avg=	0.3686	0.2582	0.5531	0.3075	1.5257	0.6042	0	0	0.1078	0.0574	0.6965	0.3362	0.032	0.031	0	0	0.6145	0.1544
8	3	ussb	SCAT	INshore	0	0	0	0	0	0			0	0	0.0153	0.0151	6.5338	4.5442	0	0	1.0984	0.7594
8	3	ussb	SCAT	OUTshore	0	0	0	0	0	0			0	0	0	0	0.2475	0.1948	0	0	0.0414	0.0326
8	3	ussb	SCAT Total	wgt avg=	0	0	0	0	0	0			0	0	0.0077	0.0076	3.3906	2.2742	0	0	0.5699	0.38
8	3	ussb	nonSCAT	INshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	3	ussb	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	3	ussb	nonSCAT Total	wgt avg=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	3	ussb	UnAK-Umnak	INshore	6.2849	6.6596	0.0521	0.0531	1.3629	0.8638	0	0	0	0	2.3671	1.3763	0	0	24.915	13.63	2.4617	1.6254
8	3	ussb	UnAK-Umnak	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0.1041	0.0736	0	0	0.0077	0.0054
8	3	ussb	UnAK-Umnak Total	wgt avg=	3.1424	3.3298	0.0261	0.0266	0.6814	0.4319	0	0	0	0	1.1835	0.6881	0.0521	0.0368	12.457	6.8148	1.2347	0.8127
8	3	ussb		wgt avg=	2.3417	2.4814	0.0208	0.0212	0.5469	0.3466	0	0	0	0	0.66	0.3823	1.3065	0.8553	6.6289	3.6263	0.9732	0.5736
9	1	baea	SCAT	INshore	1.581	0.2188	2.1563	0.37	0.5531	0.2493			0.1447	0.0867	0.4429	0.059	0.2156	0.0731	0.421	0.236	0.7233	0.0587
9	1	baea	SCAT	OUTshore	0.074	0.0448	0.029	0.0327	0.0603	0.0387			0	0	0	0	0	0	0	0	0.0197	0.0086
9	1	baea	SCAT Total	wgt avg=	0.8275	0.1117	1.0926	0.1857	0.3067	0.1261			0.0724	0.0434	0.2215	0.0295	0.1078	0.0365	0.2105	0.118	0.3715	0.0297
9	1	baea	nonSCAT	INshore	1.5574	0.5145	0.8993	0.1736	0.5991	0.1665	0.1925	0.0875	0.3681	0.2289	0.3643	0.0968	1.6529	0.9543	0	0	0.7441	0.1266
9	1	baea	nonSCAT	OUTshore	0.0812	0.0418	0.3458	0.1234	0	0	0.0671	0.0652	1.0578	0.744	0.0431	0.03	0	0	0	0	0.1454	0.0469
9	1	baea	nonSCAT Total	wgt avg=	0.8193	0.2581	0.6226	0.1065	0.2996	0.0832	0.1298	0.0546	0.7129	0.3892	0.2037	0.0507	0.8264	0.4771	0	0	0.4448	0.0675
9	1	baea	UnAK-Umnak	INshore	0.7559	0.1572	0.4558	0.1061	0.5175	0.117	0.353	0.1892	0	0	0.3204	0.0669	0.0589	0.0561	0	0	0.4576	0.0519
9	1	baea	UnAK-Umnak	OUTshore	0.0797	0.0343	0.0378	0.0245	0	0	0.0332	0.0325	0	0	0.1029	0.0317	0	0	0.9885	0.3659	0.057	0.0119

				ESIclass	esi1		esi1+		esi2		esi3		esi45		esi6		esi8		esi910		Total	
grp	sg	**sppn**	**region**	**zone**	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens	density	SEdens
9	1	baea	UnAK-Umnak Total	wgt avg=	0.4178	0.0805	0.2468	0.0544	0.2587	0.0585	0.1931	0.096	0	0	0.2116	0.037	0.0295	0.028	0.4943	0.1829	0.2573	0.0266
9	1	baea		wgt avg=	0.5213	0.0683	0.3685	0.0483	0.2674	0.0491	0.1824	0.0803	0.1378	0.066	0.2139	0.0235	0.0699	0.0229	0.3414	0.1068	0.2995	0.0208
9	2	cora	SCAT	INshore	0	0	0	0	0.0563	0.054			0.0145	0	0.0051	0.0055	0.1099	0.0694	0	0	0.0259	0.0126
9	2	cora	SCAT	OUTshore	0	0	0	0	0	0			0	0	0.0069	0.0069	0	0	0	0	0.003	0.003
9	2	cora	SCAT Total	wgt avg=	0	0	0	0	0.0281	0.027			0.0072	0	0.006	0.0044	0.0549	0.0347	0	0	0.0144	0.0065
9	2	cora	nonSCAT	INshore	0	0	0.0587	0.057	0	0	0.2217	0.2103	0	0	0	0	0	0	0	0	0.031	0.0229
9	2	cora	nonSCAT	OUTshore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	2	cora	nonSCAT Total	wgt avg=	0	0	0.0294	0.0285	0	0	0.1108	0.1052	0	0	0	0	0	0	0	0	0.0155	0.0114
9	2	cora	UnAK-Umnak	INshore	0.2065	0.1228	0.0288	0.032	0.2783	0.2368	0	0	0	0	0	0	0	0	0	0	0.1093	0.0556
9	2	cora	UnAK-Umnak	OUTshore	0	0	0	0	0.0113	0.0067	0	0	0	0	0	0	0	0	0	0	0.0022	0.0013
9	2	cora	UnAK-Umnak Total	wgt avg=	0.1033	0.0614	0.0144	0.016	0.1448	0.1184	0	0	0	0	0	0	0	0	0	0	0.0558	0.0278
9	2	cora		wgt avg=	0.077	0.0458	0.0146	0.0131	0.1187	0.0951	0.0188	0.0178	0.0019	0	0.0019	0.0014	0.0207	0.013	0	0	0.0435	0.0195
10	1	stsl	SCAT	INshore	2.4256	1.5585	0	0	0	0			0	0	2.6218	1.1441	0	0	0	0	1.5543	0.5643
10	1	stsl	SCAT	OUTshore	0	0	0.1279	0.1244	0	0			0.1066	0.0978	0.0069	0.0069	0	0	0	0	0.0179	0.011
10	1	stsl	SCAT Total	wgt avg=	1.2128	0.7792	0.0639	0.0622	0	0			0.0533	0.0489	1.3143	0.5721	0	0	0	0	0.7861	0.2822
10	1	stsl	nonSCAT	INshore	6.3565	4.5888	0.0407	0.0373	8.0905	8.2028	0	0	0	0	0	0	0	0	0	0	2.8208	1.7408
10	1	stsl	nonSCAT	OUTshore	0.016	0.0132	0	0	0	0	0	0	0	0	0.0399	0.0281	0	0	0	0	0.0149	0.0085
10	1	stsl	nonSCAT Total	wgt avg=	3.1863	2.2944	0.0203	0.0186	4.0453	4.1014	0	0	0	0	0.0199	0.014	0	0	0	0	1.4178	0.8704
10	1	stsl	UnAK-Umnak	INshore	2.5297	1.0659	0.5869	0.329	2.5245	1.6848	0.1425	0.0852	0	0	0.1436	0.0504	0	0	0	0	1.2442	0.4236
10	1	stsl	UnAK-Umnak	OUTshore	0	0	0	0	0.0751	0.0909	0	0	0	0	0	0	0	0	0	0	0.0149	0.018
10	1	stsl	UnAK-Umnak Total	wgt avg=	1.2649	0.533	0.2934	0.1645	1.2998	0.8436	0.0713	0.0426	0	0	0.0718	0.0252	0	0	0	0	0.6295	0.212
10	1	stsl		wgt avg=	1.4683	0.4837	0.2424	0.1314	1.4778	0.8078	0.0592	0.0354	0.0138	0.0127	0.4685	0.186	0	0	0	0	0.7453	0.1842
10	2	seot	SCAT	INshore	0.0949	0.0496	0.2149	0.1245	0.0844	0.0763			0	0	0.0698	0.0292	0.0249	0.0289	0	0	0.074	0.0196
10	2	seot	SCAT	OUTshore	0.1651	0.0737	0.1496	0.1155	0.3692	0.2355			0.1618	0.1479	0.126	0.0442	0.6613	0.2585	0	0	0.2428	0.0538
10	2	seot	SCAT Total	wgt avg=	0.13	0.0444	0.1823	0.0849	0.2268	0.1238			0.0809	0.074	0.0979	0.0265	0.3431	0.13	0	0	0.1584	0.0286
10	2	seot	nonSCAT	INshore	0.0368	0.0378	0.0339	0.0304	0.7953	0.5389	0.0408	0.0413	0	0	0.1979	0.1228	0	0	0	0	0.209	0.0988
10	2	seot	nonSCAT	OUTshore	0	0	0.0785	0.0752	0	0	0.2013	0.1978	0	0	0.0151	0.015	0	0	0	0	0.036	0.0232
10	2	seot	nonSCAT Total	wgt avg=	0.0184	0.0189	0.0562	0.0406	0.3977	0.2695	0.1211	0.101	0	0	0.1065	0.0619	0	0	0	0	0.1225	0.0507
10	2	seot	UnAK-Umnak	INshore	0.1889	0.081	0.599	0.322	0.1616	0.0744	0.0986	0.1027	0.8576	0.3745	0.4203	0.1385	0.145	0.0495	0	0	0.3085	0.0679
10	2	seot	UnAK-Umnak	OUTshore	0.0455	0.025	0	0	0	0	0	0	0	0	0.0623	0.0341	0.1382	0.0368	0	0	0.0338	0.0096
10	2	seot	UnAK-Umnak Total	wgt avg=	0.1172	0.0424	0.2995	0.161	0.0808	0.0372	0.0493	0.0513	0.4288	0.1873	0.2413	0.0713	0.1416	0.0308	0	0	0.1711	0.0343
10	2	seot		wgt avg=	0.1082	0.0323	0.2626	0.1288	0.128	0.043	0.0615	0.0459	0.267	0.1091	0.1786	0.0412	0.2154	0.0524	0	0	0.1634	0.0252
10	3	hase	SCAT	INshore	0.1299	0.1259	0.1729	0.1655	2.925	0.8822			0	0	0.1373	0.0827	0.0933	0.0614	0	0	0.349	0.0848
10	3	hase	SCAT	OUTshore	0.1094	0.0642	0	0	0.1641	0.1483			0	0	0.0315	0.0198	0	0	0	0	0.0457	0.0184
10	3	hase	SCAT Total	wgt avg=	0.1197	0.0707	0.0864	0.0827	1.5446	0.4473			0	0	0.0844	0.0425	0.0466	0.0307	0	0	0.1973	0.0434
10	3	hase	nonSCAT	INshore	0.0191	0.0189	0.0497	0.0481	0	0	0	0	0	0	0	0	0	0	0	0	0.0115	0.0082
10	3	hase	nonSCAT	OUTshore	0	0	0.1252	0.1216	0	0	0	0	0	0	0.0183	0.0184	0	0	0	0	0.0232	0.0183
10	3	hase	nonSCAT Total	wgt avg=	0.0095	0.0095	0.0874	0.0654	0	0	0	0	0	0	0.0092	0.0092	0	0	0	0	0.0174	0.01
10	3	hase	UnAK-Umnak	INshore	0.1678	0.0836	1.8716	1.1201	0.4637	0.2398	0	0	0	0	0.719	0.2488	0.2526	0.1361	0.2371	0.1271	0.6184	0.2047
10	3	hase	UnAK-Umnak	OUTshore	0.23	0.1468	0	0	0.0228	0.0226	0	0	0	0	0.1183	0.0699	0	0	0	0	0.0834	0.0381
10	3	hase	UnAK-Umnak Total	wgt avg=	0.1989	0.0845	0.9358	0.5601	0.2432	0.1204	0	0	0	0	0.4187	0.1292	0.1263	0.068	0.1186	0.0635	0.3509	0.1041
10	3	hase		wgt avg=	0.1666	0.0638	0.7642	0.4469	0.3342	0.1047	0	0	0	0	0.2611	0.0731	0.0946	0.0431	0.0631	0.0338	0.2853	0.0734

Table 11. Average and standard error of densities of birds observed per km2 along aerial transects sampling pelagic areas as subdivided into 10-minute latitude and longitude blocks.

		10-min block location	SW from Cape Kovrizhka		Makushin Bay entrance		far offshore E		far offshore W		Makushin Bay		Umnak E		central W		off NE coast of Umnak		central E		W of Spray Cape		near Spray Cape & Skan Bay		Umnak Pass		offshore Chernofski		near Alimuda & Aspid Bay		near Kashega Bay	
		block #	**4**		**5**		**8**		**9**		**12**		**13**		**14**		**15**		**16**		**19**		**21**		**28**		**29**		**30**		**33**	
		stratum km2	**182.7**		**126.8**		**120.3**		**56.2**		**43.3**		**179.9**		**204.6**		**80.3**		**204.6**		**198.9**		**28.7**		**153.6**		**112.6**		**67.6**		**20.9**	
		n transects	**17**		**25**		**20**		**16**		**10**		**12**		**17**		**20**		**18**		**17**		**13**		**13**		**17**		**18**		**10**	
grp	sg	sppn	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE	Density	SE
0	0	**total**	**2.302**	**1.4398**	**4.765**	**1.7312**	**4.634**	**1.8881**	**2.677**	**1.1507**	0.243	0.2429	**9.925**	**3.0689**	**7.626**	**1.8615**	**5.298**	**1.0421**	**2.994**	**1.0686**	0.829	0.2811	**9.925**	**6.2658**	**8.764**	**4.6207**	**2.35**	**1.6909**	**1.652**	0.6025	**2.831**	**1.4744**
1	1	**murre**	0.262	0.0894	**1.528**	0.6213	**1.118**	0.5495	**2.218**	**1.1036**	0.243	0.2429	**1.26**	0.6481	**3.338**	**1.1068**	**2.215**	0.8019	0.778	0.2793	0.19	0.0775	**1.698**	0.9402	0.286	0.1949	0.287	0.1378	0.459	0.1549	0	0
1	2	**alclg**	0	0	0	0	0	0	0	0	0	0	0.077	0.0548	0	0	0	0	0	0	0	0	0	0	0.032	0.0316	0	0	0	0	0	0
1	3	**puff**	0	0	0.06	0.0447	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	0
1	4	**pigu**	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	0	0	0	0	0
1	5	**alcsm**	**1.256**	**1.2202**	0.442	0.2665	**1.854**	**1.3791**	0.076	0.0707	0	0	**4.834**	**3.0592**	**1.456**	0.5975	0.608	0.4539	**1.422**	0.7944	0	0	0	0	**7.97**	**4.668**	0	0	0.138	0.1378	**2.265**	**1.29**
1	6	**murrl**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.017	0	0	0	0	0	0	0	0.138	0.1378	0	0
2	1	**corm**	0.017	0	0.342	0.1789	0	0	0	0	0	0	0.026	0.0316	0	0	0	0	0	0	0.345	0.1871	0.392	0.2739	0	0	0.029	0.0316	0.643	0.4347	0.566	0.4123
2	2	**nofu**	0.07	0.0447	0	0	0.872	0.3536	0.229	0.1183	0	0	**1.106**	0.5604	**2.127**	**1.0927**	0.695	0.2569	0.314	0.2983	0	0	0	0	0	0	0	0	0	0	0	0
2	3	**ftsp**	0	0	0	0	0	0	0	0	0	0	0.026	0.0316	0	0	0.043	0.0447	0.225	0.2236	0.017	0	0	0	0	0	0.057	0.0548	0	0	0	0
2	4	**laal**	0.052	0.0316	0	0	0.082	0.0548	0.076	0.0775	0	0	0.231	0.1378	0.164	0.0775	0.043	0.0447	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	5	**gwgu**	0.384	0.2074	0.422	0.2236	0.682	0.2569	0.076	0.0775	0	0	**1.003**	0.4733	0.458	0.1378	**1.433**	0.4195	0.165	0.0632	0.224	0.1	**1.045**	**1.045**	0.095	0.0707	0.258	0.0775	0.138	0.1	0	0
2	6	**megu**	0	0	0	0	0.027	0.0316	0	0	0	0	0	0	0.016	0	0	0	0.015	0	0.017	0	0.131	0.1304	0	0	0	0	0	0	0	0
3	1	**loon**	0	0	0.02	0	0	0	0	0	0	0	0	0	0	0	0.087	0.0632	0.015	0	0.017	0	0.131	0.1304	0	0	0	0	0	0	0	0
3	2	**yblo**	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	0	0	0	0	0
3	3	**rngr**	0	0	0.04	0.0447	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	0
4	1	**emgo**	0.262	0.2608	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	0	0	0
5	1	**stei**	0	0	**1.568**	**1.491**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1.719**	**1.7216**	0	0	0	0
5	2	**coei**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0.0316	0	0	0	0	0.032	0.0316	0	0	0.046	0.0447	0	0
5	3	**kiei**	0	0	0.302	0.295	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.318	0.3114	0	0	0	0	0	0
6	1	**blsc**	0	0	0	0	0	0	0	0	0	0	**1.286**	**1.3077**	0	0	0.174	0.1414	0	0	0	0	**6.529**	**6.4699**	0	0	0	0	0.092	0.0894	0	0
6	2	**wwsc**	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	0	0	0	0	0
6	3	**susc**	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	0	0	0	0	0
6	4	**scot**	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	0	0	0	0	0
7	1	**scau**	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	0	0	0	0	0
7	2	**buff**	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	0	0	0	0	0
7	3	**gold**	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	0	0	0	0	0
7	4	**ltdu**	0	0	0	0	0	0	0	0	0	0	0.077	0.0775	0.033	0.0316	0	0	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0
7	5	**hard**	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	0	0	0	0	0
7	6	**undu**	0	0	0	0	0	0	0	0	0	0	0	0	0.033	0.0316	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	**come**	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	0	0	0	0	0
7	8	**rbme**	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	0	0	0	0	0
7	9	**merg**	0	0	0.04	0.0447	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	0
7	10	**gadw**	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	0	0	0	0	0
7	11	**mall**	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	0	0	0	0	0
7	12	**agwt**	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	0	0	0	0	0
8	1	**bloy**	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	0	0	0	0	0
8	3	**ussb**	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	0	0	0	0	0
9	1	**baea**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.032	0.0316	0	0	0	0	0	0
9	2	**cora**	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	0	0	0	0	0
10	1	**stsl**	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	0	0	0	0	0
10	2	**seot**	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	0	0	0	0	0
10	3	**hase**	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	0	0	0	0	0

Table 12. Average and standard error of densities of birds observed per km2 along aerial transects sampling pelagic areas as subdivided into 4 distance zones.

distance zone	0.4-10 km from		>10 km from shore;		>10 km from shore;		0.4-10 km from	
location	shore; 0-30 km from		0-30 km from ship		>30 km from ship		shore; >30 km from	
block #	**dz1**		**dz2**		**dz3**		**dz4**	
stratum km2	**650.3**		**459.4**		**205.9**		**501.3**	
n transects	**73**		**35**		**33**		**60**	
sppn	Density	SE	Density	SE	Density	SE	Density	SE
total	**2.34**	0.7321	**4.678**	**1.2029**	**5.898**	**1.51427**	**6.684**	**1.65076**
murre	0.618	0.1949	**1.756**	0.6107	**2.016**	0.74967	0.79	0.23452
alclg	0	0	0	0	0	0	0.031	0.03162
puff	0.015	0	0	0	0	0	0	0
pigu	0	0	0	0	0	0	0	0
alcsm	0.192	0.0775	**1.902**	0.8234	0.891	0.39115	**3.69**	**1.60281**
murrl	0.02	0	0	0	0	0	0	0
corm	0.289	0.0837	0	0	0	0	0.016	0
nofu	0.005	0	0.46	0.2345	**2.067**	**1.06207**	0.508	0.21213
ftsp	0.005	0	0.115	0.114	0.034	0.03162	0.016	0
laal	0.005	0	0.046	0.0316	0.319	0.11402	0.008	0
gwgu	0.304	0.1049	0.383	0.0894	0.487	0.12649	0.602	0.14142
megu	0.015	0	0.008	0	0.017	0	0	0
loon	0.02	0	0	0	0	0	0.016	0
yblo	0	0	0	0	0	0	0	0
rngr	0.01	0	0	0	0	0	0	0
emgo	0.076	0.0775	0	0	0	0	0	0
stei	0.395	0.3834	0	0	0	0	0.469	0.47117
coei	0.015	0	0	0	0	0	0.008	0
kiei	0.076	0.0775	0	0	0	0	0.078	0.07746
blsc	0.263	0.253	0	0	0	0	0.422	0.3937
wwsc	0	0	0	0	0	0	0	0
susc	0	0	0	0	0	0	0	0
scot	0	0	0	0	0	0	0	0
scau	0	0	0	0	0	0	0	0
buff	0	0	0	0	0	0	0	0
gold	0	0	0	0	0	0	0	0
ltdu	0.005	0	0.008	0	0.034	0.03162	0.023	0.03162
hard	0	0	0	0	0	0	0	0
undu	0	0	0	0	0.034	0.03162	0	0
come	0	0	0	0	0	0	0	0
rbme	0	0	0	0	0	0	0	0
merg	0.01	0	0	0	0	0	0	0
gadw	0	0	0	0	0	0	0	0
mall	0	0	0	0	0	0	0	0
agwt	0	0	0	0	0	0	0	0
bloy	0	0	0	0	0	0	0	0
ussb	0	0	0	0	0	0	0	0
baea	0	0	0	0	0	0	0.008	0
cora	0	0	0	0	0	0	0	0
stsl	0	0	0	0	0	0	0	0
seot	0	0	0	0	0	0	0	0
hase	0	0	0	0	0	0	0	0

Table 13. Averages and standard errors of population indices of birds observed along aerial transects sampling pelagic areas as subdivided into 10-min latitude and longitude blocks.

		10-min block location	SW from Cape Kovrizhka		Makushin Bay entrance		far offshore E		far offshore W		Makushin Bay		Umnak E		central W		off NE coast of Umnak		central E		W of Spray Cape		near Spray Cape & Skan Bay		Umnak Pass		offshore Chernofski		near Alimuda & Aspid Bay		near Kashega Bay		TOTAL	
		block #	**4**		**5**		**8**		**9**		**12**		**13**		**14**		**15**		**16**		**19**		**21**		**28**		**29**		**30**		**33**			
		stratum km2	**182.7**		**126.8**		**120.3**		**56.2**		**43.3**		**179.9**		**204.6**		**80.3**		**204.6**		**198.9**		**28.7**		**153.6**		**112.6**		**67.6**		**20.9**		**1781.1**	
		n transects	**17**		**25**		**20**		**16**		**10**		**12**		**17**		**20**		**18**		**17**		**13**		**13**		**17**		**18**		**10**		**243**	
grp	sg	sppn	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE
0	0	**total**	**420.6**	**263.0**	**604.4**	**219.6**	**557.3**	**227.1**	**150.4**	**64.7**	**10.5**	**10.5**	**1785.8**	**552.2**	**1560.2**	**380.9**	**425.6**	**83.7**	**612.6**	**218.6**	**164.8**	**56.0**	**285.2**	**180.0**	**1346.5**	**709.9**	**264.6**	**190.4**	**111.6**	**40.7**	**59.3**	**30.9**	**8359.5**	**1120.9**
1	1	**murre**	**47.8**	**15.9**	**193.8**	**78.8**	**134.4**	**66.1**	**124.7**	**62.0**	**10.5**	**10.5**	**226.7**	**116.6**	**683.0**	**226.5**	**177.9**	**64.4**	**159.3**	**57.2**	**37.8**	**15.1**	**48.8**	**27.0**	**43.9**	**29.9**	**32.3**	**15.6**	**31.0**	**10.4**	0.0	0.0	**1951.9**	**298.8**
1	2	**alclg**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**13.9**	**9.9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**4.9**	**4.9**	0.0	0.0	0.0	0.0	0.0	0.0	**18.8**	**11.0**
1	3	**puff**	0.0	0.0	**7.7**	**5.5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**7.7**	**5.5**
1	4	**pigu**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	5	**alcsm**	**229.4**	**222.9**	**56.1**	**33.9**	**222.9**	**165.8**	**4.3**	**4.2**	0.0	0.0	**869.8**	**550.5**	**298.0**	**122.2**	**48.8**	**36.4**	**291.0**	**162.6**	0.0	0.0	0.0	0.0	**1224.5**	**717.2**	0.0	0.0	**9.3**	**9.3**	**47.5**	**27.0**	**3301.6**	**969.2**
1	6	**murrl**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**3.4**	**3.5**	0.0	0.0	0.0	0.0	0.0	0.0	**9.3**	**9.3**	0.0	0.0	**12.7**	**9.9**
2	1	**corm**	**3.2**	**3.2**	**43.4**	**22.8**	0.0	0.0	0.0	0.0	0.0	0.0	**4.6**	**4.7**	0.0	0.0	0.0	0.0	0.0	0.0	**68.7**	**37.1**	**11.3**	**7.9**	0.0	0.0	**3.2**	**3.3**	**43.4**	**29.4**	**11.9**	**8.6**	**189.6**	**54.2**
2	2	**nofu**	**12.7**	**7.5**	0.0	0.0	**104.9**	**42.6**	**12.9**	**6.7**	0.0	0.0	**198.9**	**100.8**	**435.2**	**223.5**	**55.8**	**20.6**	**64.3**	**61.1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**884.9**	**257.3**
2	3	**ftsp**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**4.6**	**4.7**	0.0	0.0	**3.5**	**3.3**	**45.9**	**45.9**	**3.4**	**3.4**	0.0	0.0	0.0	0.0	**6.5**	**6.4**	0.0	0.0	0.0	0.0	**63.9**	**46.9**
2	4	**laal**	**9.6**	**7.0**	0.0	0.0	**9.8**	**7.1**	**4.3**	**4.3**	0.0	0.0	**41.6**	**24.5**	**33.5**	**16.1**	**3.5**	**3.3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**102.3**	**31.5**
2	5	**gwgu**	**70.1**	**38.1**	**53.6**	**28.4**	**82.0**	**30.8**	**4.3**	**4.4**	0.0	0.0	**180.4**	**85.2**	**93.7**	**28.0**	**115.1**	**33.7**	**33.7**	**12.7**	**44.6**	**20.4**	**30.0**	**30.0**	**14.6**	**10.5**	**29.0**	**9.1**	**9.3**	**6.8**	0.0	0.0	**760.5**	**118.8**
2	6	**megu**	0.0	0.0	0.0	0.0	**3.3**	**3.3**	0.0	0.0	0.0	0.0	0.0	0.0	**3.4**	**3.3**	0.0	0.0	**3.1**	**3.1**	**3.4**	**3.5**	**3.8**	**3.7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**16.9**	**7.6**
3	1	**loon**	0.0	0.0	**2.6**	**2.5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**7.0**	**5.2**	**3.1**	**3.1**	**3.4**	**3.5**	**3.8**	**3.7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**19.8**	**8.2**
3	2	**yblo**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	3	**rngr**	0.0	0.0	**5.1**	**5.0**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**5.1**	**5.0**
4	1	**emgo**	**47.8**	**47.5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**47.8**	**47.5**
5	1	**stei**	0.0	0.0	**198.9**	**189.1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**193.6**	**193.9**	0.0	0.0	0.0	0.0	**392.5**	**270.8**
5	2	**coei**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**6.1**	**6.1**	0.0	0.0	0.0	0.0	**4.9**	**4.8**	0.0	0.0	**3.1**	**3.1**	0.0	0.0	**14.1**	**8.4**
5	3	**kiei**	0.0	0.0	**38.3**	**37.3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**48.8**	**47.9**	0.0	0.0	0.0	0.0	0.0	0.0	**87.0**	**60.7**
6	1	**blsc**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**231.3**	**235.3**	0.0	0.0	**14.0**	**11.4**	0.0	0.0	0.0	0.0	**187.6**	**185.9**	0.0	0.0	0.0	0.0	**6.2**	**6.2**	0.0	0.0	**439.1**	**300.1**
6	2	**wwsc**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	3	**susc**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	4	**scot**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	1	**scau**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	2	**buff**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	3	**gold**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	4	**ltdu**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**13.9**	**13.7**	**6.7**	**6.7**	0.0	0.0	**6.1**	**4.2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**26.7**	**15.8**
7	5	**hard**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	6	**undu**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**6.7**	**6.7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**6.7**	**6.7**
7	7	**come**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	8	**rbme**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	9	**merg**	0.0	0.0	**5.1**	**5.2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**5.1**	**5.2**
7	10	**gadw**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	11	**mall**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	12	**agwt**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	1	**bloy**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	3	**ussb**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	1	**baea**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**4.9**	**4.9**	0.0	0.0	0.0	0.0	0.0	0.0	**4.9**	**4.9**
9	2	**cora**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1	**stsl**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	2	**seot**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	3	**hase**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 14. Averages and standard errors of population indices of birds observed along aerial transects sampling pelagic areas as subdivided into 4 distance zones.

distance zone location	0.4-10 km from shore; 0-30 km from ship		>10 km from shore; 0-30 km from ship		>10 km from shore; >30 km from ship		0.4-10 km from shore; >30 km from ship		TOTAL	
block #	**dz1**		**dz2**		**dz3**		**dz4**			
stratum km2	**650.3**		**459.4**		**205.9**		**501.3**		**1816.9**	
n transects	**73**		**35**		**33**		**60**		**201**	
sppn	Pop	SE	Pop	SE	Pop	SE	Pop	SE	Pop	SE
total	**1521.9**	**476.3**	**2149.4**	**552.7**	**1214.5**	**311.9**	**3350.5**	**827.4**	**8236.3**	**1146.4**
murre	**401.9**	**126.5**	**806.9**	**280.5**	**415.2**	**154.4**	**395.8**	**118.0**	**2019.8**	**363.9**
alclg	0.0	0.0	0.0	0.0	0.0	0.0	**15.7**	**12.1**	**15.7**	**12.1**
puff	**9.9**	**7.3**	0.0	0.0	0.0	0.0	0.0	0.0	**9.9**	**7.3**
pigu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
alcsm	**125.2**	**51.8**	**873.8**	**378.3**	**183.4**	**80.5**	**1849.6**	**803.5**	**3032.0**	**893.2**
murrl	**13.2**	**10.4**	0.0	0.0	0.0	0.0	0.0	0.0	**13.2**	**10.4**
corm	**187.8**	**54.3**	0.0	0.0	0.0	0.0	**7.8**	**5.5**	**195.6**	**54.6**
nofu	**3.3**	**3.2**	**211.4**	**108.2**	**425.6**	**218.7**	**254.7**	**105.9**	**895.0**	**266.0**
ftsp	**3.3**	**3.3**	**52.9**	**52.6**	**6.9**	**5.1**	**7.8**	**7.9**	**70.9**	**53.6**
laal	**3.3**	**3.3**	**21.1**	**10.9**	**65.7**	**23.9**	**3.9**	**3.9**	**94.1**	**26.7**
gwgu	**197.6**	**69.2**	**176.2**	**39.8**	**100.4**	**25.9**	**301.7**	**71.0**	**775.9**	**109.9**
megu	**9.9**	**5.5**	**3.5**	**3.5**	**3.5**	**3.3**	0.0	0.0	**16.9**	**7.3**
loon	**13.2**	**6.3**	0.0	0.0	0.0	0.0	**7.8**	**5.7**	**21.0**	**8.5**
yblo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rngr	**6.6**	**6.6**	0.0	0.0	0.0	0.0	0.0	0.0	**6.6**	**6.6**
emgo	**49.4**	**48.6**	0.0	0.0	0.0	0.0	0.0	0.0	**49.4**	**48.6**
stei	**256.9**	**249.5**	0.0	0.0	0.0	0.0	**235.1**	**236.2**	**492.1**	**343.6**
coei	**9.9**	**7.4**	0.0	0.0	0.0	0.0	**3.9**	**3.9**	**13.8**	**8.3**
kiei	**49.4**	**49.2**	0.0	0.0	0.0	0.0	**39.2**	**39.0**	**88.6**	**62.8**
blsc	**171.3**	**164.1**	0.0	0.0	0.0	0.0	**211.6**	**197.4**	**382.9**	**256.7**
wwsc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
susc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scau	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
buff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
gold	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ltdu	**3.3**	**3.3**	**3.5**	**3.5**	**6.9**	**6.9**	**11.8**	**11.5**	**25.5**	**14.3**
hard	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
undu	0.0	0.0	0.0	0.0	**6.9**	**6.9**	0.0	0.0	**6.9**	**6.9**
come	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rbme	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
merg	**6.6**	**6.6**	0.0	0.0	0.0	0.0	0.0	0.0	**6.6**	**6.6**
gadw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mall	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
agwt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
bloy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ussb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
baea	0.0	0.0	0.0	0.0	0.0	0.0	**3.9**	**3.8**	**3.9**	**3.8**
cora	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
stsl	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
seot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
hase	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 15. Ranks of the abundance of the population indices for each species within a total area of approximately 50km from the grounded vessel, and the relative preferences among species for offshore versus nearshore habitats, and shoreline (0-200m) versus just out from shore (200-400m) nearshore habitats. Species codes listed in Table 1. Population indices are not adjusted for visibility rates.

Relative abundance of each species in the 50km risk area summing both nearshore and offshore habitats					Offshore to Nearshore ratio			Inshore to Outshore ratio in the nearshore habitat			Relative abundance of species with some similar species combined				
Rank	sppn	PopIndex	SE pop	CV	Ratio	sppn		Ratio	sppn		gr	sg	sppn	PopIndex	PopIndex combined
1	**alcsm**	**3097.6**	893.3	0.288	100.000	**nofu**	Offshore habitat species	57.357	**bloy**	Close-to-shoreline associated species	0	0	**total**	18088.2	
2	**emgo**	**2420.2**	335.2	0.139	100.000	**ftsp**		26.562	**ussb**		1	1	**murre**	**2197.3**	
3	**murre**	**2197.3**	364.6	0.166	100.000	**laal**		20.856	**mall**		1	2	**alclg**	19.1	2244.2
4	**blsc**	**2149.5**	273.1	0.127	46.209	**alcsm**		19.585	**undu**		1	3	**puff**	12.3	
5	**corm**	**1862.0**	145.7	0.078	11.380	**murre**		14.564	**cora**		1	4	**pigu**	15.6	
6	**gwgu**	**1313.4**	122.6	0.093	4.747	**megu**		11.179	**baea**		1	5	**alcsm**	**3097.6**	3115.6
7	**stei**	**914.6**	347.6	0.380	4.604	**alclg**		3.242	**corm**		1	6	**murrl**	17.9	
8	**nofu**	**895.5**	266.0	0.297	4.099	**puff**		3.121	**hard**		2	1	**corm**	1862.0	
9	**hard**	**731.2**	45.9	0.063	3.143	**kiei**		2.928	**gwgu**		2	2	**nofu**	895.5	
10	**ltdu**	**391.4**	52.8	0.135	2.764	**murrl**		2.773	**merg**		2	3	**ftsp**	70.9	
11	**scot**	**353.3**	52.0	0.147	1.444	**gwgu**		2.116	**alclg**		2	4	**laal**	94.1	
12	**undu**	**199.3**	47.5	0.238	1.165	**stei**		1.915	**blsc**		2	5	**gwgu**	1313.4	
13	**wwsc**	**171.7**	19.5	0.114	0.861	**loon**		1.880	**rbme**		2	6	**megu**	20.4	
14	**coei**	**158.7**	36.7	0.231	0.836	**total**		1.535	**total**		3	1	**loon**	45.4	
15	**merg**	**129.2**	14.8	0.115	0.347	**rngr**		1.344	**scau**		3	2	**yblo**	0.9	72.0
16	**kiei**	**116.8**	63.2	0.541	0.217	**blsc**		1.194	**stei**		3	3	**rngr**	25.6	
17	**laal**	**94.1**	26.7	0.284	0.117	**corm**		1.095	**gold**		4	1	**emgo**	2420.2	
18	**mall**	**87.6**	37.0	0.422	0.095	**coei**		0.991	**puff**		5	1	**stei**	**914.6**	
19	**baea**	**78.0**	6.9	0.089	0.070	**ltdu**		0.955	**come**		5	2	**coei**	158.7	1190.1
20	**ftsp**	**70.9**	53.6	0.755	0.054	**merg**		0.899	**kiei**		5	3	**kiei**	116.8	
21	**ussb**	**67.5**	45.0	0.667	0.053	**baea**		0.812	**ltdu**		6	1	**blsc**	**2149.5**	
22	**gold**	**60.1**	9.6	0.160	0.036	**undu**		0.801	**agwt**		6	2	**wwsc**	171.7	2676.0
23	**bloy**	**46.5**	11.3	0.242	0.021	**emgo**		0.788	**pigu**		6	3	**susc**	1.6	
24	**loon**	**45.4**	8.9	0.195	0.000	**pigu**		0.757	**emgo**		6	4	**scot**	353.3	
25	**scau**	**40.2**	9.5	0.236	0.000	**yblo**		0.733	**coei**		7	1	**scau**	40.2	
26	**buff**	**31.0**	9.3	0.301	0.000	**wwsc**		0.596	**buff**		7	2	**buff**	31.0	
27	**rngr**	**25.6**	8.1	0.317	0.000	**susc**		0.584	**alcsm**		7	3	**gold**	60.1	
28	**megu**	**20.4**	7.5	0.365	0.000	**scot**		0.562	**loon**		7	4	**ltdu**	**391.4**	
29	**alclg**	**19.1**	12.2	0.641	0.000	**scau**		0.516	**wwsc**		7	5	**hard**	**731.2**	
30	**murrl**	**17.9**	10.5	0.583	0.000	**buff**		0.498	**nofu**		7	6	**undu**	199.3	1678.2
31	**pigu**	**15.6**	2.2	0.144	0.000	**gold**		0.432	**murre**		7	7	**come**	1.6	
32	**puff**	**12.3**	7.4	0.604	0.000	**hard**		0.386	**scot**		7	8	**rbme**	5.8	
33	**rbme**	**5.8**	1.6	0.279	0.000	**come**		0.252	**rngr**		7	9	**merg**	129.2	
34	**cora**	**2.8**	1.1	0.396	0.000	**rbme**		0.083	**murrl**		7	10	**gadw**	0.0	
35	**come**	**1.6**	1.0	0.611	0.000	**mall**		0.042	**megu**		7	11	**mall**	87.6	
36	**susc**	**1.6**	0.9	0.580	0.000	**agwt**		0.000	**yblo**		7	12	**agwt**	0.9	
37	**yblo**	**0.9**	0.4	0.450	0.000	**bloy**		0.000	**susc**		8	1	**bloy**	46.5	
38	**agwt**	**0.9**	0.6	0.687	0.000	**ussb**					8	3	**ussb**	67.5	
39	**gadw**	**0.0**	0.0	0.000	0.000	**cora**					9	1	**baea**	78.0	
	total	**18088.2**	1218.1	0.067							9	2	**cora**	2.8	

Table 16. Nearshore (combining inshore and outshore zones) water area, shoreline lengths times 0.2km, number of replicated transects, and total sampled area observed for all SCAT shoreline segments.

n	OD	Operational Division	**SCAT segment**	overlay water area km2 (200m+200m)	arc length area (len*0.2km)	nreps	sum of flightline area obsvd km2
1	VLC	Volcano Bay	**VLC01**	0.49206	0.40564	12	2.4703
1	VLC	Volcano Bay	**VLC02**	0.28658	0.16053	12	0.9619
1	VLC	Volcano Bay	**VLC03**	0.23425	0.19293	12	1.1647
1	VLC	Volcano Bay	**VLC04**	0.11068	0.08473	12	0.6832
1	VLC	Volcano Bay	**VLC05**	0.35986	0.12376	12	1.246
1	VLC	Volcano Bay	**VLC06**	0.16267	0.1152	12	0.6689
1	VLC	Volcano Bay	**VLC07**	0.05816	0.12748	12	0.5334
1	VLC	Volcano Bay	**VLC09**	0.46114	0.3459	13	2.5228
1	VLC	Volcano Bay	**VLC10**	2.01075	2.01792	13	12.9592
1	VLC	Volcano Bay	**Total**	4.17615	3.57409	110	23.2104
2	MKS	Makushin Bay	**MKS01**	1.26572	1.21735	12	7.6808
2	MKS	Makushin Bay	**MKS02**	0.26245	0.25444	13	1.6412
2	MKS	Makushin Bay	**MKS03**	0.16691	0.17888	12	1.1411
2	MKS	Makushin Bay	**MKS04**	0.07506	0.08353	12	0.4886
2	MKS	Makushin Bay	**MKS06**	0.32307	0.31536	12	1.8734
2	MKS	Makushin Bay	**MKS07**	0.25408	0.19637	12	1.2109
2	MKS	Makushin Bay	**MKS08**	0.16	0.15617	12	0.9751
2	MKS	Makushin Bay	**MKS09**	0.40905	0.38684	12	2.1223
2	MKS	Makushin Bay	**MKS11**	0.19889	0.17429	11	0.9533
2	MKS	Makushin Bay	**MKS12**	0.77972	0.71187	11	3.908
2	MKS	Makushin Bay	**MKS13**	0.74998	0.57252	11	2.9033
2	MKS	Makushin Bay	**MKS14**	0.51719	0.29148	10	1.3779
2	MKS	Makushin Bay	**MKS15**	0.33178	0.22324	10	1.1515
2	MKS	Makushin Bay	**MKS16**	0.31938	0.20887	10	1.054
2	MKS	Makushin Bay	**MKS17**	0.59792	0.45004	10	2.2611
2	MKS	Makushin Bay	**MKS18**	1.08704	0.8491	12	4.5976
2	MKS	Makushin Bay	**Total**	7.49824	6.27035	182	35.3401
3	HMP	Humpback Bay	**HMP01**	0.51912	0.49071	13	3.1717
3	HMP	Humpback Bay	**HMP02**	0.17868	0.15258	13	0.9296
3	HMP	Humpback Bay	**HMP03**	0.26893	0.24358	12	1.4642
3	HMP	Humpback Bay	**HMP04**	0.34521	0.47471	11	3.5147
3	HMP	Humpback Bay	**HMP05**	0.51609	0.35184	11	2.3019
3	HMP	Humpback Bay	**HMP06**	0.21835	0.18495	11	1.0572
3	HMP	Humpback Bay	**HMP07**	0.39967	0.32946	11	1.8571
3	HMP	Humpback Bay	**HMP08**	0.12536	0.09784	11	0.5274
3	HMP	Humpback Bay	**HMP10**	0.14786	0.10246	11	0.5755
3	HMP	Humpback Bay	**HMP11**	0.14489	0.17623	12	0.959
3	HMP	Humpback Bay	**HMP12**	0.2988	0.2757	12	1.8243
3	HMP	Humpback Bay	**HMP13**	0.3052	0.25657	12	1.5724
3	HMP	Humpback Bay	**Total**	3.46816	3.13663	140	19.755
4	PTN	Portage Bay North	**PTN01**	0.06415	0.03333	4	0.1318
4	PTN	Portage Bay North	**PTN02**	0.47531	0.41009	13	2.6623
4	PTN	Portage Bay North	**PTN03**	0.18074	0.15233	13	1.1271
4	PTN	Portage Bay North	**PTN04**	0.92376	0.85343	13	5.4929
4	PTN	Portage Bay North	**PTN05**	0.2194	0.20405	13	1.2077
4	PTN	Portage Bay North	**PTN06**	0.09211	0.07167	13	0.4529
4	PTN	Portage Bay North	**PTN07**	0.09985	0.07451	13	0.4794
4	PTN	Portage Bay North	**PTN08**	0.1223	0.07069	13	0.4693
4	PTN	Portage Bay North	**PTN09**	0.11691	0.07552	13	0.5119
4	PTN	Portage Bay North	**PTN10**	0.19378	0.15355	13	0.9678
4	PTN	Portage Bay North	**PTN11**	0.83254	0.80456	13	5.2793
4	PTN	Portage Bay North	**PTN12**	0.3992	0.39346	13	2.5859
4	PTN	Portage Bay North	**PTN13**	0.13829	0.11899	13	0.8226
4	PTN	Portage Bay North	**PTN14**	0.21138	0.19716	13	1.2784
4	PTN	Portage Bay North	**PTN15**	0.467	0.38474	13	2.589
4	PTN	Portage Bay North	**Total**	4.53672	3.99808	186	26.0583
5	PTS	Portage Bay South	**PTS01**	0.53128	0.48909	13	3.0613
5	PTS	Portage Bay South	**PTS02**	0.26933	0.25256	13	1.6008

Table 16. Nearshore (combining inshore and outshore zones) water area, shoreline lengths times 0.2km, number of replicated transects, and total sampled area observed for all SCAT shoreline segments.

n	OD	Operational Division	**SCAT segment**	overlay water area km2 (200m+200m)	arc length area (len*0.2km)	nreps	sum of flightline area obsvd km2
5	PTS	Portage Bay South	**PTS03**	0.50031	0.4746	13	3.0546
5	PTS	Portage Bay South	**PTS04**	0.5419	0.51472	13	3.1783
5	PTS	Portage Bay South	**PTS05**	0.09133	0.07253	12	0.4361
5	PTS	Portage Bay South	**PTS06**	0.08027	0.05935	10	0.2872
5	PTS	Portage Bay South	**PTS07**	0.08126	0.11654	9	0.4258
5	PTS	Portage Bay South	**PTS08**	0.07279	0.09254	5	0.2169
5	PTS	Portage Bay South	**Total**	2.16847	2.07193	88	12.261
6	CNB	Cannery Bay	**CNB01**	1.25681	1.13914	14	7.9322
6	CNB	Cannery Bay	**CNB02**	0.11589	0.0939	14	0.5403
6	CNB	Cannery Bay	**CNB03**	0.419	0.34399	14	2.4377
6	CNB	Cannery Bay	**CNB04**	0.07341	0.07219	14	0.417
6	CNB	Cannery Bay	**CNB05**	0.11369	0.07201	14	0.6387
6	CNB	Cannery Bay	**CNB06**	0.08271	0.07179	13	0.3409
6	CNB	Cannery Bay	**CNB07**	0.05482	0.04866	11	0.3255
6	CNB	Cannery Bay	**CNB08**	0.06349	0.05756	8	0.1874
6	CNB	Cannery Bay	**CNB09**	0.20903	0.06855	10	0.5082
6	CNB	Cannery Bay	**CNB10**	0.06419	0.06021	8	0.3449
6	CNB	Cannery Bay	**CNB11**	0.04761	0.06252	11	0.2734
6	CNB	Cannery Bay	**CNB12**	0.06239	0.10181	6	0.3609
6	CNB	Cannery Bay	**CNB13**	0.08947	0.07734	10	0.4184
6	CNB	Cannery Bay	**CNB14**	0.07904	0.05886	3	0.1206
6	CNB	Cannery Bay	**CNB15**	0.02689	0.02225	1	0.0223
6	CNB	Cannery Bay	**CNB16**	0.13327	0.01995	12	0.2397
6	CNB	Cannery Bay	**CNB17**	0.58503	0.57083	14	3.9543
6	CNB	Cannery Bay	**CNB18**	0.10482	0.06858	14	0.5425
6	CNB	Cannery Bay	**CNB19**	0.23041	0.151	12	1.0313
6	CNB	Cannery Bay	**CNB20**	0.84701	0.79868	14	5.7991
6	CNB	Cannery Bay	**CNB21**	0.77895	0.71783	13	4.5102
6	CNB	Cannery Bay	**Total**	5.43793	4.67765	230	30.9455
7	AND	Anderson Point	**AND01**	0.41743	0.36059	14	2.5646
7	AND	Anderson Point	**AND02**	0.65792	0.06261	10	0.9337
7	AND	Anderson Point	**AND03**	0.23862	0.14195	2	0.1419
7	AND	Anderson Point	**AND04**	0.30683	0.41852	2	0.4185
7	AND	Anderson Point	**AND05**	0.38096	0.03022	9	0.6326
7	AND	Anderson Point	**AND06**	0.86047	0.52588	14	4.6049
7	AND	Anderson Point	**AND07**	0.17205	0.15793	14	0.998
7	AND	Anderson Point	**AND08**	0.51453	0.50547	14	3.485
7	AND	Anderson Point	**Total**	3.54881	2.20317	79	13.7792
8	UDE	Udinak Cove East	**UDE01**	0.09259	0.11168	4	0.261
8	UDE	Udinak Cove East	**UDE02**	0.17402	0.10379	12	0.5282
8	UDE	Udinak Cove East	**UDE03**	0.32742	0.22992	12	1.7061
8	UDE	Udinak Cove East	**UDE04**	0.304	0.24403	13	1.3089
8	UDE	Udinak Cove East	**UDE05**	0.09827	0.07493	13	0.4184
8	UDE	Udinak Cove East	**UDE06**	0.09167	0.05344	14	0.3801
8	UDE	Udinak Cove East	**UDE07**	0.09684	0.03776	14	0.3249
8	UDE	Udinak Cove East	**UDE08**	0.07882	0.07012	14	0.4365
8	UDE	Udinak Cove East	**UDE09**	0.08398	0.06665	14	0.4593
8	UDE	Udinak Cove East	**UDE10**	0.19218	0.20698	14	1.3025
8	UDE	Udinak Cove East	**UDE11**	0.14749	0.1392	14	0.9901
8	UDE	Udinak Cove East	**UDE12**	0.24387	0.27263	14	1.8369
8	UDE	Udinak Cove East	**UDE13**	0.26765	0.1499	14	1.3457
8	UDE	Udinak Cove East	**UDE14**	0.41572	0.16993	12	1.4113
8	UDE	Udinak Cove East	**UDE15**	0.32573	0.10144	7	0.6938
8	UDE	Udinak Cove East	**UDE16**	0.76905	0.80088	14	4.3608
8	UDE	Udinak Cove East	**UDE17**	0.55067	0.46972	14	2.458
8	UDE	Udinak Cove East	**UDE18**	0.14959	0.0645	14	0.5347
8	UDE	Udinak Cove East	**UDE19**	0.15374	0.06151	14	0.4155
8	UDE	Udinak Cove East	**UDE20**	0.11934	0.06525	14	0.4216

Table 16. Nearshore (combining inshore and outshore zones) water area, shoreline lengths times 0.2km, number of replicated transects, and total sampled area observed for all SCAT shoreline segments.

n	OD	Operational Division	**SCAT segment**	overlay water area km2 (200m+200m)	arc length area (len*0.2km)	nreps	sum of flightline area obsvd km2
8	UDE	Udinak Cove East	**UDE21**	0.25147	0.19175	14	0.8402
8	UDE	Udinak Cove East	**UDE22**	0.24449	0.20491	14	1.676
8	UDE	Udinak Cove East	**UDE23**	0.28934	0.22823	8	0.9701
8	UDE	Udinak Cove East	**UDE24**	0.20604	0.22319	8	0.979
8	UDE	Udinak Cove East	**Total**	5.67398	4.34234	299	26.0596
9	UDW	Udinak Cove West	**UDW01**	0.13229	0.10269	13	0.8563
9	UDW	Udinak Cove West	**UDW02**	1.22201	0.70977	14	5.6044
9	UDW	Udinak Cove West	**UDW03**	0.23089	0.24453	8	1.2243
9	UDW	Udinak Cove West	**UDW04**	0.12146	0.11934	1	0.1193
9	UDW	Udinak Cove West	**UDW05**	0.17884	0.21191	2	0.2119
9	UDW	Udinak Cove West	**UDW07**	0.73064	0.6534	14	4.0552
9	UDW	Udinak Cove West	**UDW08**	0.24597	0.20128	12	0.9997
9	UDW	Udinak Cove West	**Total**	2.8621	2.24292	64	13.0711
10	NGE	Naginak Cove East	**NGE01**	0.03763	0.01772	2	0.0177
10	NGE	Naginak Cove East	**NGE02**	0.10057	0.22586	5	0.3602
10	NGE	Naginak Cove East	**NGE03**	0.27383	0.30369	10	1.693
10	NGE	Naginak Cove East	**NGE04**	0.04118	0.0602	9	0.3192
10	NGE	Naginak Cove East	**NGE05**	0.04796	0.0451	13	0.3183
10	NGE	Naginak Cove East	**NGE06**	0.25108	0.18657	14	1.3256
10	NGE	Naginak Cove East	**NGE07**	1.01796	1.07821	14	8.2515
10	NGE	Naginak Cove East	**Total**	1.77021	1.91735	67	12.2855
11	NGW	Naginak Cove West	**NGW01**	0.43992	0.4315	13	2.3901
11	NGW	Naginak Cove West	**NGW02**	0.78899	0.68105	13	5.2372
11	NGW	Naginak Cove West	**NGW03**	0.06136	0.05889	13	0.6164
11	NGW	Naginak Cove West	**NGW04**	0.72416	0.67492	13	4.6855
11	NGW	Naginak Cove West	**NGW05**	0.15638	0.10234	13	0.6991
11	NGW	Naginak Cove West	**NGW06**	0.05898	0.0436	13	0.2983
11	NGW	Naginak Cove West	**NGW07**	0.46263	0.40836	13	2.6094
11	NGW	Naginak Cove West	**NGW08**	0.69584	0.61844	13	4.3259
11	NGW	Naginak Cove West	**NGW09**	0.09059	0.07424	13	0.5466
11	NGW	Naginak Cove West	**NGW10**	0.21101	0.1489	13	1.0299
11	NGW	Naginak Cove West	**NGW11**	0.05532	0.05431	13	0.3047
11	NGW	Naginak Cove West	**NGW12**	0.33963	0.30526	13	1.9938
11	NGW	Naginak Cove West	**NGW13**	0.34029	0.38191	14	2.3319
11	NGW	Naginak Cove West	**NGW14**	0.23414	0.22347	12	2.1697
11	NGW	Naginak Cove West	**NGW15**	0.14122	0.183	6	0.551
11	NGW	Naginak Cove West	**NGW16**	0.02944	0.01794	1	0.0179
11	NGW	Naginak Cove West	**Total**	4.8299	4.40813	189	29.8074
12	KPF	Kof Point	**KPF01**	0.63455	0.47412	13	3.0662
12	KPF	Kof Point	**KPF02**	0.19454	0.16441	13	1.0149
12	KPF	Kof Point	**KPF03**	0.1238	0.04672	11	0.3276
12	KPF	Kof Point	**KPF04**	0.19115	0.11066	13	0.716
12	KPF	Kof Point	**KPF05**	0.13347	0.07112	13	0.4379
12	KPF	Kof Point	**KPF07**	0.15825	0.07637	13	0.4745
12	KPF	Kof Point	**KPF08**	0.67797	0.54144	13	3.5166
12	KPF	Kof Point	**KPF09**	0.20047	0.17547	13	1.0599
12	KPF	Kof Point	**KPF10**	0.42078	0.4142	13	2.6851
12	KPF	Kof Point	**KPF11**	1.07299	0.85187	13	5.5786
12	KPF	Kof Point	**KPF12**	1.18643	1.10922	13	7.2457
12	KPF	Kof Point	**KPF13**	0.44993	0.43101	13	2.8951
12	KPF	Kof Point	**KPF14**	0.62029	0.60615	13	3.8945
12	KPF	Kof Point	**KPF15**	0.38199	0.32693	13	2.1788
12	KPF	Kof Point	**KPF16**	0.61158	0.50666	13	3.482
12	KPF	Kof Point	**KPF17**	0.47675	0.4493	13	2.8405
12	KPF	Kof Point	**Total**	7.53494	6.35565	206	41.4139
13	SKN	Skan Bay North	**SKN01**	0.39655	0.35039	14	2.1857
13	SKN	Skan Bay North	**SKN02**	0.07587	0.11621	12	0.6601
13	SKN	Skan Bay North	**SKN03**	1.25347	1.19751	14	8.4989

Table 16. Nearshore (combining inshore and outshore zones) water area, shoreline lengths times 0.2km, number of replicated transects, and total sampled area observed for all SCAT shoreline segments.

n	OD	Operational Division	**SCAT segment**	overlay water area km2 (200m+200m)	arc length area (len*0.2km)	nreps	sum of flightline area obsvd km2
13	SKN	Skan Bay North	**SKN04**	0.1309	0.05835	12	0.3932
13	SKN	Skan Bay North	**SKN05**	0.14481	0.13927	13	0.9041
13	SKN	Skan Bay North	**SKN06**	0.65	0.56768	14	3.8739
13	SKN	Skan Bay North	**SKN07**	0.15064	0.09589	14	0.7257
13	SKN	Skan Bay North	**SKN08**	0.10545	0.0827	14	0.5301
13	SKN	Skan Bay North	**SKN09**	0.25742	0.21964	14	1.5569
13	SKN	Skan Bay North	**SKN12**	0.28767	0.21151	14	1.5553
13	SKN	Skan Bay North	**SKN13**	0.14557	0.11539	14	0.8079
13	SKN	Skan Bay North	**SKN15**	1.02632	0.90501	14	6.2465
13	SKN	Skan Bay North	**Total**	4.62467	4.05955	163	27.9383
14	SKS	Skan Bay South	**SKS01**	0.59949	0.46005	14	3.2382
14	SKS	Skan Bay South	**SKS02**	0.29237	0.24048	14	1.7756
14	SKS	Skan Bay South	**SKS03**	0.29643	0.21113	14	1.2531
14	SKS	Skan Bay South	**SKS04**	0.11068	0.06689	14	0.3986
14	SKS	Skan Bay South	**SKS05**	0.10317	0.0664	14	0.4496
14	SKS	Skan Bay South	**SKS06**	0.05089	0.01805	14	0.1335
14	SKS	Skan Bay South	**SKS08**	0.217	0.14024	14	0.9241
14	SKS	Skan Bay South	**SKS09**	0.03232	0.06151	8	0.293
14	SKS	Skan Bay South	**SKS10**	1.00124	0.87359	14	5.8585
14	SKS	Skan Bay South	**SKS11**	0.08166	0.09586	12	0.4124
14	SKS	Skan Bay South	**SKS12**	0.14857	0.17641	10	0.7704
14	SKS	Skan Bay South	**SKS13**	0.00802	0.00173	4	0.046
14	SKS	Skan Bay South	**SKS14**	0.01251	0.00232	4	0.0785
14	SKS	Skan Bay South	**SKS15**	0.02453	0.00548	3	0.0729
14	SKS	Skan Bay South	**SKS16**	0.34	0.34048	13	1.9653
14	SKS	Skan Bay South	**SKS17**	0.04358	0.07206	7	0.2754
14	SKS	Skan Bay South	**SKS18**	1.41422	1.20444	14	8.6281
14	SKS	Skan Bay South	**Total**	4.77668	4.03712	187	26.5732
15	SPR	Spray Cape	**SPR01**	0.45874	0.28264	14	2.0317
15	SPR	Spray Cape	**SPR02**	0.16903	0.04506	14	0.327
15	SPR	Spray Cape	**SPR03**	0.11369	0.05346	14	0.3806
15	SPR	Spray Cape	**SPR04**	0.10292	0.02888	14	0.2028
15	SPR	Spray Cape	**SPR05**	0.05775	0.03283	13	0.2472
15	SPR	Spray Cape	**SPR06**	0.34919	0.30536	14	2.1477
15	SPR	Spray Cape	**SPR08**	0.11216	0.13118	14	0.8841
15	SPR	Spray Cape	**SPR09**	0.32326	0.21892	14	1.5445
15	SPR	Spray Cape	**SPR10**	0.24731	0.24976	14	1.7616
15	SPR	Spray Cape	**SPR11**	0.44973	0.38245	14	2.6803
15	SPR	Spray Cape	**SPR12**	0.22808	0.19597	14	1.3572
15	SPR	Spray Cape	**SPR13**	0.1287	0.09921	14	0.7472
15	SPR	Spray Cape	**SPR14**	0.10745	0.11386	14	0.7363
15	SPR	Spray Cape	**Total**	2.84801	2.13958	181	15.0482
16	PMN	Pumicestone Bay North	**PMN01**	0.15581	0.10542	13	0.646
16	PMN	Pumicestone Bay North	**PMN02**	0.12265	0.0662	13	0.4727
16	PMN	Pumicestone Bay North	**PMN03**	0.08005	0.054	13	0.3134
16	PMN	Pumicestone Bay North	**PMN04**	0.22	0.11286	13	0.7496
16	PMN	Pumicestone Bay North	**PMN05**	0.12678	0.04973	13	0.2669
16	PMN	Pumicestone Bay North	**PMN06**	0.13715	0.07629	13	0.4343
16	PMN	Pumicestone Bay North	**PMN07**	0.18803	0.11252	12	0.7341
16	PMN	Pumicestone Bay North	**PMN08**	0.49195	0.38057	12	2.449
16	PMN	Pumicestone Bay North	**PMN09**	0.34986	0.31867	12	1.8926
16	PMN	Pumicestone Bay North	**PMN10**	0.19446	0.15056	12	0.9035
16	PMN	Pumicestone Bay North	**PMN11**	0.12892	0.10753	12	0.6935
16	PMN	Pumicestone Bay North	**PMN12**	0.23527	0.18888	12	1.1525
16	PMN	Pumicestone Bay North	**PMN13**	0.23575	0.20208	12	1.127
16	PMN	Pumicestone Bay North	**PMN14**	0.43077	0.24021	13	1.3419
16	PMN	Pumicestone Bay North	**PMN15**	0.12209	0.10956	11	0.4793
16	PMN	Pumicestone Bay North	**PMN16**	0.13609	0.10871	13	0.5358

Table 16. Nearshore (combining inshore and outshore zones) water area, shoreline lengths times 0.2km, number of replicated transects, and total sampled area observed for all SCAT shoreline segments.

n	OD	Operational Division	**SCAT segment**	overlay water area km2 (200m+200m)	arc length area (len*0.2km)	nreps	sum of flightline area obsvd km2
16	PMN	Pumicestone Bay North	**PMN17**	0.33966	0.26612	13	1.5886
16	PMN	Pumicestone Bay North	**PMN18**	0.17713	0.154	11	0.63
16	PMN	Pumicestone Bay North	**PMN19**	0.19397	0.1521	13	0.9439
16	PMN	Pumicestone Bay North	**PMN22**	0.1559	0.1754	13	1.0505
16	PMN	Pumicestone Bay North	**PMN23**	0.05731	0.04835	13	0.3055
16	PMN	Pumicestone Bay North	**PMN24**	0.19648	0.16075	13	1.0422
16	PMN	Pumicestone Bay North	**PMN25**	0.10123	0.07937	13	0.5365
16	PMN	Pumicestone Bay North	**PMN26**	0.44414	0.37405	13	2.4305
16	PMN	Pumicestone Bay North	**PMN27**	0.79051	0.71218	14	4.7345
16	PMN	Pumicestone Bay North	**PMN28**	0.82876	0.66793	14	4.3386
16	PMN	Pumicestone Bay North	**Total**	6.64072	5.17404	329	31.7929
17	PME	Pumicestone Bay East	**PME01**	0.05319	0.02569	6	0.1576
17	PME	Pumicestone Bay East	**PME05**	0.14057	0.17067	14	1.1097
17	PME	Pumicestone Bay East	**PME06**	0.07641	0.03961	14	0.46
17	PME	Pumicestone Bay East	**PME07**	0.10631	0.08952	14	0.5334
17	PME	Pumicestone Bay East	**PME09**	0.09364	0.06615	14	0.4744
17	PME	Pumicestone Bay East	**PME10**	0.16279	0.11988	14	0.655
17	PME	Pumicestone Bay East	**PME12**	0.29986	0.1755	14	1.7299
17	PME	Pumicestone Bay East	**PME13**	0.75393	0.7113	14	5.2948
17	PME	Pumicestone Bay East	**PME14**	0.45864	0.4584	14	3.2227
17	PME	Pumicestone Bay East	**PME15**	0.47464	0.31162	14	3.0256
17	PME	Pumicestone Bay East	**PME16**	0.31142	0.32628	14	2.1698
17	PME	Pumicestone Bay East	**PME17**	0.32326	0.15356	14	0.8901
17	PME	Pumicestone Bay East	**PME18**	0.40497	0.33901	14	2.2967
17	PME	Pumicestone Bay East	**PME19**	0.16892	0.12594	13	0.839
17	PME	Pumicestone Bay East	**PME20**	0.18842	0.11904	12	0.6428
17	PME	Pumicestone Bay East	**Total**	4.01697	3.23217	199	23.5015
18	PMS	Pumicestone Bay South	**PMS01**	0.12315	0.119	14	0.8693
18	PMS	Pumicestone Bay South	**PMS02**	0.2966	0.29912	14	1.9798
18	PMS	Pumicestone Bay South	**PMS03**	0.50105	0.49496	14	3.4806
18	PMS	Pumicestone Bay South	**PMS04**	0.57292	0.50009	14	3.5146
18	PMS	Pumicestone Bay South	**PMS05**	1.05891	1.00329	14	6.9323
18	PMS	Pumicestone Bay South	**PMS06**	1.28321	1.1517	14	8.2947
18	PMS	Pumicestone Bay South	**PMS07**	0.11191	0.07052	14	0.4718
18	PMS	Pumicestone Bay South	**PMS08**	0.15334	0.15136	14	1.021
18	PMS	Pumicestone Bay South	**PMS09**	0.09351	0.11646	14	0.6579
18	PMS	Pumicestone Bay South	**PMS10**	0.26695	0.25663	14	1.8239
18	PMS	Pumicestone Bay South	**PMS11**	0.0786	0.19551	10	0.9249
18	PMS	Pumicestone Bay South	**PMS12**	0.07439	0.11541	9	0.503
18	PMS	Pumicestone Bay South	**PMS13**	0.5726	0.54092	14	3.5605
18	PMS	Pumicestone Bay South	**PMS14**	0.83798	0.93579	14	5.573
18	PMS	Pumicestone Bay South	**PMS15**	0.5587	0.52624	14	3.3165
18	PMS	Pumicestone Bay South	**PMS16**	0.04983	0.07525	9	0.3282
18	PMS	Pumicestone Bay South	**PMS17**	0.03718	0.02388	8	0.1048
18	PMS	Pumicestone Bay South	**PMS19**	0.0514	0.06181	4	0.2147
18	PMS	Pumicestone Bay South	**PMS20**	0.03441	0.05171	3	0.1632
18	PMS	Pumicestone Bay South	**PMS21**	0.01946	0.02114	3	0.0717
18	PMS	Pumicestone Bay South	**Total**	6.7761	6.71079	228	43.8064
19	MCB	McIper Bight	**MCB01**	0.38343	0.29579	13	1.8178
19	MCB	McIper Bight	**MCB02**	0.34291	0.29514	13	1.9159
19	MCB	McIper Bight	**MCB03**	0.22228	0.15526	13	1.1886
19	MCB	McIper Bight	**MCB04**	0.09331	0.08734	13	0.4722
19	MCB	McIper Bight	**MCB05**	0.11417	0.11967	13	0.6942
19	MCB	McIper Bight	**MCB06**	0.10489	0.10524	13	0.6439
19	MCB	McIper Bight	**MCB07**	0.02897	0.03442	13	0.202
19	MCB	McIper Bight	**MCB08**	0.16833	0.18067	4	0.5456
19	MCB	McIper Bight	**MCB09**	0.02231	0.02737	12	0.1517
19	MCB	McIper Bight	**MCB10**	0.13858	0.12189	13	0.8323

Table 16. Nearshore (combining inshore and outshore zones) water area, shoreline lengths times 0.2km, number of replicated transects, and total sampled area observed for all SCAT shoreline segments.

n	OD	Operational Division	**SCAT segment**	overlay water area km2 (200m+200m)	arc length area (len*0.2km)	nreps	sum of flightline area obsvd km2
19	MCB	McIper Bight	**MCB11**	0.08625	0.08412	13	0.5
19	MCB	McIper Bight	**MCB12**	0.08289	0.06969	13	0.4957
19	MCB	McIper Bight	**MCB13**	0.37676	0.3367	13	2.1822
19	MCB	McIper Bight	**MCB14**	0.1949	0.20048	13	1.2288
19	MCB	McIper Bight	**MCB15**	0.57879	0.63442	14	4.1681
19	MCB	McIper Bight	**Total**	2.93877	2.7482	186	17.039
20	KSB	Kashega Bay	**KSB01**	0.14036	0.11683	12	0.8873
20	KSB	Kashega Bay	**KSB02**	0.15232	0.13457	13	0.8938
20	KSB	Kashega Bay	**KSB03**	0.39469	0.382	13	2.3324
20	KSB	Kashega Bay	**KSB04**	0.12475	0.12041	13	0.652
20	KSB	Kashega Bay	**KSB05**	0.10149	0.07666	13	0.4953
20	KSB	Kashega Bay	**KSB06**	0.05417	0.04502	13	0.3828
20	KSB	Kashega Bay	**KSB08**	0.10729	0.10752	13	0.6469
20	KSB	Kashega Bay	**KSB10**	0.27734	0.27695	13	1.9162
20	KSB	Kashega Bay	**KSB11**	0.06628	0.07203	13	0.3817
20	KSB	Kashega Bay	**KSB12**	0.24088	0.20441	13	1.5948
20	KSB	Kashega Bay	**KSB13**	0.41207	0.41728	13	2.3125
20	KSB	Kashega Bay	**KSB14**	0.08294	0.06914	13	0.5379
20	KSB	Kashega Bay	**KSB15**	0.41089	0.41028	13	2.5059
20	KSB	Kashega Bay	**Total**	2.56547	2.4331	168	15.5395
21	BCK	Buck Bight	**BCK01**	0.46509	0.42474	12	2.3889
21	BCK	Buck Bight	**BCK02**	0.36687	0.35087	12	2.1019
21	BCK	Buck Bight	**BCK03**	0.30437	0.28529	12	1.6311
21	BCK	Buck Bight	**BCK04**	0.18928	0.15819	12	0.9536
21	BCK	Buck Bight	**BCK05**	0.95615	0.9191	13	5.9268
21	BCK	Buck Bight	**BCK06**	0.20749	0.20275	13	1.3229
21	BCK	Buck Bight	**BCK07**	0.40407	0.34463	13	2.2096
21	BCK	Buck Bight	**BCK08**	0.05423	0.07715	13	0.4861
21	BCK	Buck Bight	**BCK09**	0.30226	0.24985	13	1.6746
21	BCK	Buck Bight	**BCK10**	0.1093	0.09195	9	0.2762
21	BCK	Buck Bight	**BCK11**	0.22321	0.04333	2	0.0713
21	BCK	Buck Bight	**BCK14**	0.44763	0.09969	4	0.2027
21	BCK	Buck Bight	**Total**	4.02995	3.24754	128	19.2457
22	KMK	Kismaliuk Bay	**KMK01**	0.38199	0.30994	13	1.8255
22	KMK	Kismaliuk Bay	**KMK02**	0.42034	0.25197	13	1.8844
22	KMK	Kismaliuk Bay	**KMK03**	0.30807	0.152	13	1.1743
22	KMK	Kismaliuk Bay	**KMK04**	0.21769	0.11624	14	0.8198
22	KMK	Kismaliuk Bay	**KMK05**	0.49941	0.41198	14	2.8834
22	KMK	Kismaliuk Bay	**KMK06**	0.24026	0.23669	14	1.6363
22	KMK	Kismaliuk Bay	**KMK07**	0.21379	0.2457	13	1.3155
22	KMK	Kismaliuk Bay	**KMK08**	0.05597	0.15271	10	0.589
22	KMK	Kismaliuk Bay	**KMK09**	0.04363	0.0654	2	0.0654
22	KMK	Kismaliuk Bay	**KMK10**	0.10058	0.07977	3	0.168
22	KMK	Kismaliuk Bay	**KMK11**	0.05157	0.08539	7	0.3445
22	KMK	Kismaliuk Bay	**KMK12**	0.13374	0.09334	13	1.0563
22	KMK	Kismaliuk Bay	**KMK13**	0.48041	0.53574	14	3.9249
22	KMK	Kismaliuk Bay	**KMK14**	0.38361	0.31185	13	1.7661
22	KMK	Kismaliuk Bay	**KMK15**	0.32446	0.29045	13	1.8636
22	KMK	Kismaliuk Bay	**KMK16**	0.47397	0.39224	14	3.1924
22	KMK	Kismaliuk Bay	**KMK17**	0.12068	0.17652	13	0.9147
22	KMK	Kismaliuk Bay	**KMK18**	0.15579	0.08367	3	0.1588
22	KMK	Kismaliuk Bay	**KMK19**	0.09583	0.11125	13	0.5746
22	KMK	Kismaliuk Bay	**KMK20**	0.2214	0.29363	11	1.3441
22	KMK	Kismaliuk Bay	**KMK21**	0.22187	0.24253	11	1.0333
22	KMK	Kismaliuk Bay	**KMK22**	0.23609	0.17273	12	1.0298
22	KMK	Kismaliuk Bay	**KMK23**	0.17149	0.11419	12	0.7153
22	KMK	Kismaliuk Bay	**KMK24**	0.13267	0.10072	12	0.6042
22	KMK	Kismaliuk Bay	**KMK25**	0.414	0.32923	12	1.7829

Table 16. Nearshore (combining inshore and outshore zones) water area, shoreline lengths times 0.2km, number of replicated transects, and total sampled area observed for all SCAT shoreline segments.

n	OD	Operational Division	SCAT segment	overlay water area km2 (200m+200m)	arc length area (len*0.2km)	nreps	sum of flightline area obsvd km2
22	KMK	Kismaliuk Bay	**KMK26**	0.14262	0.29725	10	0.871
22	KMK	Kismaliuk Bay	**KMK27**	0.12948	0.0969	11	0.4836
22	KMK	Kismaliuk Bay	**KMK28**	0.07836	0.12345	10	0.3304
22	KMK	Kismaliuk Bay	**KMK29**	0.08281	0.05953	11	0.4258
22	KMK	Kismaliuk Bay	**KMK30**	0.62319	0.3246	12	2.3479
22	KMK	Kismaliuk Bay	**KMK31**	0.33502	0.26862	10	1.3493
22	KMK	Kismaliuk Bay	**KMK32**	0.74018	0.65765	11	2.4577
22	KMK	Kismaliuk Bay	**KMK33**	0.2226	0.23423	12	1.5596
22	KMK	Kismaliuk Bay	**Total**	8.45357	7.41811	369	42.4924
23	ALM	Alimuda Bay	**ALM01**	0.28322	0.16754	14	1.87
23	ALM	Alimuda Bay	**ALM02**	0.81859	0.68479	15	5.148
23	ALM	Alimuda Bay	**ALM03**	0.38378	0.36679	15	2.8381
23	ALM	Alimuda Bay	**ALM04**	0.11716	0.10551	14	0.7886
23	ALM	Alimuda Bay	**ALM05**	0.57834	0.5303	15	4.0442
23	ALM	Alimuda Bay	**ALM06**	0.77056	0.74894	15	5.2843
23	ALM	Alimuda Bay	**ALM07**	0.10553	0.06826	15	0.6216
23	ALM	Alimuda Bay	**ALM08**	0.15747	0.09103	12	0.8045
23	ALM	Alimuda Bay	**ALM09**	0.10424	0.12563	14	0.8967
23	ALM	Alimuda Bay	**ALM10**	0.12465	0.09847	14	0.7878
23	ALM	Alimuda Bay	**ALM11**	0.34687	0.36297	15	2.7564
23	ALM	Alimuda Bay	**ALM12**	0.25804	0.24444	15	1.8186
23	ALM	Alimuda Bay	**ALM13**	0.51333	0.51746	15	3.7211
23	ALM	Alimuda Bay	**ALM14**	0.25646	0.2843	15	2.0062
23	ALM	Alimuda Bay	**ALM15**	0.2591	0.19926	15	1.6036
23	ALM	Alimuda Bay	**ALM16**	0.06612	0.08015	15	0.5891
23	ALM	Alimuda Bay	**ALM17**	0.10152	0.10133	15	0.7401
23	ALM	Alimuda Bay	**ALM18**	0.15624	0.10966	15	0.7761
23	ALM	Alimuda Bay	**ALM19**	0.11787	0.13818	14	0.7288
23	ALM	Alimuda Bay	**ALM20**	0.02185	0.03392	5	0.1239
23	ALM	Alimuda Bay	**ALM21**	0.14581	0.14241	13	1.0065
23	ALM	Alimuda Bay	**ALM22**	0.03063	0.0685	8	0.2597
23	ALM	Alimuda Bay	**ALM23**	0.23012	0.18984	13	1.2838
23	ALM	Alimuda Bay	**Total**	5.9475	5.45968	316	40.4977
24	ASP	Aspid Bay	**ASP01**	0.43518	0.26258	15	1.9293
24	ASP	Aspid Bay	**ASP02**	0.03914	0.03457	9	0.2853
24	ASP	Aspid Bay	**ASP03**	0.21286	0.13036	15	0.822
24	ASP	Aspid Bay	**ASP04**	0.05094	0.10241	9	0.4391
24	ASP	Aspid Bay	**ASP05**	0.46196	0.44217	15	3.4006
24	ASP	Aspid Bay	**ASP06**	0.02404	0.03873	7	0.2403
24	ASP	Aspid Bay	**ASP07**	0.70893	0.67779	15	4.9049
24	ASP	Aspid Bay	**ASP08**	0.11811	0.11318	15	1.0637
24	ASP	Aspid Bay	**ASP09**	0.18393	0.15815	15	1.1187
24	ASP	Aspid Bay	**ASP10**	0.11004	0.12693	15	0.9831
24	ASP	Aspid Bay	**ASP11**	0.47559	0.42742	15	3.0913
24	ASP	Aspid Bay	**ASP12**	0.06144	0.06449	15	0.5309
24	ASP	Aspid Bay	**ASP13**	0.34431	0.33046	15	2.5205
24	ASP	Aspid Bay	**ASP14**	0.23239	0.086	15	1.268
24	ASP	Aspid Bay	**ASP15**	0.02464	0.06307	13	0.4177
24	ASP	Aspid Bay	**ASP16**	0.36381	0.34687	14	2.4335
24	ASP	Aspid Bay	**ASP17**	0.59214	0.60073	15	4.482
24	ASP	Aspid Bay	**ASP18**	0.81868	0.78282	15	6.3599
24	ASP	Aspid Bay	**Total**	5.25813	4.78873	247	36.2908
25	RMP	Ram Point	**RMP**	3.93746	3.95346	15	26.3354
25	RMP	Ram Point	**Total**	3.93746	3.95346	15	26.3354
			All SCAT segs	116.31961	100.60036	4556	650.088

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	total		murre		pigu		alcsm		corm		gwgu		loon		rngr		emgo		stei		coei		kiei		blsc		wwsc	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
VLC01	17.37	4.419	0.462	0.464	0	0	0	0	6.463	3.735	1.616	0.534	0	0	0	0	0	0	0	0	0	0	0	0	0.692	0.696	0	0
VLC02	5.682	3.23	3.757	3.327	0	0	0	0	0.46	0.46	1.099	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VLC03	0.797	0.442	0	0	0.335	0.335	0	0	0	0	0.231	0.232	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VLC04	3.367	1.531	0.137	0.134	0	0	0	0	0.274	0.276	0.274	0.276	0	0	0	0	0	0	0	0	0	0	0.411	0.412	1.916	1.284	0	0
VLC05	0.996	0.476	0.187	0.134	0	0	0	0	0.374	0.283	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VLC06	2.925	2.298	0	0	0	0	0	0	0	0	0.325	0.332	0	0	0	0	0	0	0	0	0	0	0	0	1.95	1.994	0.65	0.645
VLC07	0.191	0.2	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	0
VLC09	13.57	6.751	0	0	0	0	0	0	0.404	0.399	0.529	0.279	0	0	0	0	7.528	5.692	0	0	0	0	0	0	4.25	3.448	0	0
VLC10	62.75	15.42	1.682	0.958	0	0	4.007	2.726	30.85	14.2	2.483	1.173	0.146	0.145	0	0	0	0	1.49	1.486	0.583	0.582	0	0	8.436	4.14	0	0
Total	107.6	17.93	6.225	3.499	0.335	0.335	4.007	2.726	38.83	14.7	6.557	1.594	0.146	0.145	0	0	7.528	5.692	1.49	1.486	0.583	0.582	0.411	0.412	17.24	5.928	0.65	0.645
MKS01	76.94	29.31	0.671	0.674	0	0	0.971	0.988	14.09	4.881	1.678	0.78	0.671	0.675	0	0	0	0	6.174	3.807	0.162	0.164	0	0	34.59	17.56	5.035	5.053
MKS02	3.031	1.713	1.309	1.295	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.285	0.904	0	0	0	0	0	0	0	0
MKS03	0.403	0.414	0.403	0.414	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MKS04	3.177	2.668	0	0	0	0	0	0	0	0	2.137	1.986	0	0	0	0	0	0	0.712	0.662	0	0	0	0	0	0	0	0
MKS06	7.691	5.335	1.85	1.021	0.18	0.179	0	0	0.331	0.333	0.18	0.179	0	0	0	0	0	0	0.497	0.494	0	0	0	0	0	0	3.811	3.831
MKS07	36.5	16.26	0	0	0	0	0.196	0.195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.447	0.448	34.97	16.66	0	0
MKS08	17.2	5.871	0	0	0	0	0	0	1.845	1.848	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.59	6.156	0	0
MKS09	14.87	6.067	0.735	0.736	0	0	0	0	0.735	0.736	0.201	0.205	0	0	0	0	0	0	0	0	0	0	0	0	8.763	4.323	1.286	0.907
MKS11	6.311	3.856	0.215	0.21	0	0	0	0	0.609	0.395	0	0	0	0	0	0	0.203	0.205	0.609	0.602	0	0	0	0	3.863	3.857	0	0
MKS12	13.96	7.695	0.769	0.772	0.192	0.192	0	0	2.13	1.938	0.4	0.285	0.623	0.626	0	0	0	0	0	0	0	0	0	0	8.311	7.709	0	0
MKS13	68.49	10.07	1.116	1.121	0	0	0	0	49.35	15.31	2.093	1.025	0	0	0	0	10.04	8.54	2.232	2.243	0.308	0.3	0	0	0.223	0.219	0	0
MKS14	12.3	4.653	0.961	0.952	0	0	0	0	1.46	0.729	0.245	0.247	0.48	0.485	0	0	0	0	0	0	0	0	0	0	1.47	1.478	0	0
MKS15	2.403	0.578	0	0	0	0	0	0	0	0	1.531	0.699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MKS16	24.22	9.057	0	0	0	0	0	0	12.77	8.197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.655	0.651	0	0
MKS17	11.88	4.995	0.527	0.528	0.264	0.265	0	0	6.335	3.448	1.055	0.781	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MKS18	48.17	13.54	0.929	0.689	0	0	0.485	0.467	39.05	13.17	1.161	0.557	0.242	0.292	0	0	0	0	1.393	0.872	0	0	0	0	0.242	0.232	0	0
Total	347.6	41.49	9.485	2.728	0.636	0.373	1.652	1.11	128.7	22.79	10.68	2.688	2.016	1.081	0	0	10.25	8.542	12.9	4.706	0.47	0.342	0.447	0.448	106.7	26.83	10.13	6.406
HMP01	10.79	2.839	0.152	0.152	0	0	0.609	0.609	0.761	0.514	0.305	0.195	0	0	0	0	0	0	0	0	0	0	0	0	1.37	0.91	0.713	0.716
HMP02	2.766	1.8	0	0	0	0	0.209	0.205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.775	0.543	0	0
HMP03	2.086	0.832	0.321	0.316	0	0	0	0	0.321	0.362	0.481	0.322	0.16	0.164	0.321	0.327	0	0	0	0	0	0	0	0	0	0	0	0
HMP04	1.766	0.609	0.168	0.17	0	0	0	0	0	0	0.084	0.084	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HMP05	5.66	2.79	0.235	0.239	0	0	0	0	0.45	0.322	3.016	2.444	0.235	0.237	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HMP06	0.892	0.686	0.645	0.643	0	0	0	0	0.247	0.241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HMP07	36.39	13.61	2.38	1.741	0.216	0.217	0.216	0.214	1.29	0.964	0	0	0	0	0	0	0	0	2.143	2.154	0	0	0.214	0.214	24.32	11.6	0	0
HMP08	3.534	1.752	0	0	0	0	0	0	1.139	1.125	0	0	0	0	0.276	0.277	0	0	0	0	0.551	0.554	0	0	1.102	1.105	0	0
HMP10	2.565	1.546	0	0	0.387	0.395	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.311	0.311
HMP11	6.219	3.245	0.483	0.479	0	0	0	0	0	0	0.864	0.523	0.144	0.141	0	0	0	0	0	0	0	0	0	0	3.38	2.685	0.483	0.471
HMP12	19.78	8.196	0	0	0	0	0	0	1.247	1.09	0.513	0.351	0	0	0	0	0	0	0.84	0.701	0	0	0	0	7.933	5.442	4.988	5.048
HMP13	10.97	3.281	0.206	0.207	0	0	0	0	2.77	1.269	2.472	2.466	0	0	0	0	0	0	0.412	0.411	0	0	0	0	2.016	1.326	0	0
Total	103.4	17.32	4.59	1.981	0.603	0.451	1.034	0.677	8.225	2.356	7.735	3.55	0.539	0.321	0.597	0.429	0	0	3.395	2.302	0.551	0.554	0.214	0.214	40.89	13.25	6.495	5.13
PTN01	15.06	18.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.06	18.17	0	0
PTN02	41.83	12.51	0.185	0.192	0	0	0	0	1.06	0.762	0	0	0.173	0.167	0	0	0	0	0	0	0	0	0	0	34.1	12.71	0.345	0.332
PTN03	28.23	7.664	0.561	0.554	0	0	0	0	1.421	1.407	0.187	0.182	0	0	0	0	0	0	0	0	0	0	0	0	13.93	8.521	0	0
PTN04	82.5	21.71	1.471	0.994	0.486	0.342	0	0	1.547	1.242	0.162	0.164	0.162	0.161	0	0	0	0	8.101	7.976	0	0	0	0	44.05	14.6	1.995	1.066
PTN05	18.71	4.911	0.363	0.369	0	0	0	0	1.452	0.789	0	0	0.181	0.176	0	0	0	0	0	0	0	0	0	0	14.17	4.734	1.638	1.121
PTN06	22.05	10.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.61	7.213	8.437	4.51
PTN07	3.865	2.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.343	1.584	0.741	0.719
PTN08	42.13	23.94	0	0	0	0	0	0	0	0	0.194	0.195	0	0	0	0	0	0	0	0	0	0	0	0	30.17	18.28	6.734	6.626
PTN09	11.04	6.349	1.008	1.021	0	0	0	0	5.291	4.242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.745	4.584	0	0
PTN10	13.75	8.538	0.536	0.536	0	0	0	0	4.86	4.484	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.291	2.745	0	0
PTN11	49.02	11.27	0	0	0	0	0.294	0.293	5.673	2.924	1.076	0.484	0.147	0.148	0.44	0.442	0	0	0	0	0	0	0	0	27.16	10.18	4.275	2.074
PTN12	27.76	10	0.818	0.691	0	0	0	0	13.73	6.246	0.569	0.369	0	0	0	0	0	0	1.564	1.406	0	0	0.907	0.663	6.198	4.246	0	0
PTN13	1.688	0.912	0.156	0.161	0	0	0	0	0.181	0.182	0.156	0.161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTN14	21.39	6.149	0.181	0.182	0	0	0.152	0.152	0.181	0.182	0.152	0.152	0	0	0	0	0	0	11.32	6.633	0	0	0	0	7.438	5.211	0.304	0.305
PTN15	13.02	6.08	0.173	0.176	0	0	0	0	0.173	0.173	0.347	0.224	0.188	0.187	0	0	0	0	0	0	0	0	0	0	9.538	5.389	0.173	0.173
Total	392	46.31	5.452	1.834	0.486	0.342	0.446	0.33	35.57	9.512	2.843	0.753	0.851	0.377	0.44	0.442	0	0	20.98	10.47	0	0	0.907	0.663	223.8	37.35	24.64	8.467
PTS01	20.16	8.895	0.684	0.686	0	0	0	0	0.347	0.247	0	0	0.352	0.348	0	0	0	0	0	0	0	0	0	0	7.886	4.134	0	0
PTS02	1.822	1.356	0	0	0	0	0	0	0	0	0.175	0.176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTS03	28.77	11.9	0	0	0	0	0	0	2.409	1.284	0.156	0.155	0	0	0.173	0.173	0	0	0	0	0	0	0	0	20.07	9.83	1.04	1.037
PTS04	21.75	7.702	0.168	0.164	0.168	0.164	0	0	0.341	0.245	0.692	0.692	0	0	0	0	0	0	0	0	0	0	0	0	18.17	7.508	0.346	0.346
PTS05	0.709	0.528	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.567	0.554	0	0
PTS06	9.582	4.581	0	0	0	0	0	0	0.851	0.902	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.46	4.366	0	0
PTS07	8.625	5.082	0	0	0	0	0	0	0.959	0.524	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.142	4.087	0	0
PTS08	10.81	8.721	0.356	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.787	2.326	0	0	0	0	5.226	4.361	0	0
Total	102.2	20.13	1.208	0.705	0.168	0.164	0	0	4.907	1.691	1.023	0.731	0.352	0.348	0.173	0.173	0	0	2.787	2.326	0	0	0	0	65.52	15.01	1.386	1.093
CNB01	41.85	10.66	1.591	0.978	0.348	0.365	0.84	0.743	16.6	7.201	0.985	0.437	0	0	0.289	0.29	0	0	0	0	0	0	0	0	10.07	4.37	0	0
CNB02	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	0	0	0
CNB03	15.91	5.934	0.815	0.653	0	0	0.361	0.358	0.343	0.241	3.048	2.779	0	0	0	0	0	0	0	0	0	0	0	0	10.12	5.137	0	0
CNB04	0.109	0.105	0	0	0	0	0	0	0.109	0.105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CNB05	2.693	1.965	0	0	0	0	0	0	0	0	0.207	0.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CNB06	2.92	1.488	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.714	0.709
CNB07	2.246	0.991	0.06	0.063	0	0	0	0	0	0	0.264	0.263	0.528	0.525	0	0	0	0	0	0	0	0	0	0	0.12	0.122	0	0
CNB08	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	0	0	0
CNB09	15.5	9.451	0	0	0	0	0	0	0	0	1.192	1.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CNB10	2.023	0.955	0	0	0	0	0	0	0.049	0.055	0.049	0.045	0	0	0	0	0	0	0	0	0	0	0	0	0.395	0.407	1.086	0.94
CNB11	3.818	2.639	0	0	0	0	0	0	0.868	0.784	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.904	1.883	0	0
CNB12	8.844	4.471	0	0	0.253	0.247	0	0	0	0	0.253	0.239	0	0	0	0	0	0	0	0	0	0	0.253	0.247	7.075	3.724	0	0
CNB13	6.996	4.79	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	0
CNB14	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	0	0	0
CNB15	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	0	0	0
CNB16	4.609	3.223	1.934	2.116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.357	0.434	0	0
CNB17	8.751	3.863	0	0	0	0	0	0	0.459	0.459	0.153	0.152	0.141	0.141	0	0	0	0	0	0	0	0	0	0	2.838	2	0	0
CNB18	0.702	0.379	0.351	0.241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.175	0.173	0	0
CNB19	3.725	3.624	0	0	0	0	0	0	0.133	0.134	0.266	0.27	0	0	0	0	0	0	0	0	0	0	0	0	3.326	3.375	0	0
CNB20	24.45	5.839	0	0	0	0	0	0	3.804	0.998	1.731	0.914	0	0	0	0	0	0	2.373	2.382	0	0	0	0	10.41	3.898	0	0
CNB21	14.74	6.518	0	0	0	0	0	0	1.422	1.071	0.166	0.17	0.179	0.179	0	0	0	0	0	0	0	0	0	0	0.333	0.344	0	0
Total	159.9	20.28	4.751	2.433	0.601	0.44	1.201	0.825	23.79	7.41	8.314	3.261	0.848	0.573	0.289	0.29	0	0	2.373	2.382	0	0	0.253	0.247	47.12	9.695	1.8	1.177

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	total		murre		pigu		alcsm		corm		gwgu		loon		rngr		emgo		stei		coei		kiei		blsc		wwsc	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
AND01	25.81	11.77	0.514	0.415	0	0	0	0	1.141	0.836	0.228	0.145	0.114	0.114	0	0	0	0	0.4	0.396	0	0	0	0	7.003	3.447	2.001	1.996
AND02	3.221	1.266	0	0	0	0	0	0	0.537	0.622	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.537	0.63
AND03	6.506	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	0	0
AND04	13.52	0	0	0	0	0	0	0	2.085	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.44	0	0	0
AND05	29.44	5.601	0	0	0	0	0	0	3.332	1.785	0	0	0	0	0	0	0	0	0.666	0.812	0	0	0	0	23.78	5.214	1.333	0.714
AND06	40.64	16.51	2.619	0.848	0	0	0.536	0.382	1.895	0.843	1.895	1.496	0	0	0	0	0	0	7.388	8.04	0	0	0.985	1.06	20.33	10.86	0.833	0.912
AND07	11.15	9.486	0	0	0	0	0	0	1.079	0.977	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.597	3.552	0	0
AND08	13.57	3.776	0	0	0	0	0	0	11.93	2.914	0.295	0.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	143.9	23.42	3.133	0.944	0	0	0.536	0.382	22	3.799	2.418	1.518	0.114	0.114	0	0	0	0	8.454	8.091	0	0	0.985	1.06	66.14	13.02	4.704	2.392
UDE01	0.608	0.346	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	0
UDE02	4.915	1.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.867	0.845	0	0	0	0	0	0	0	0
UDE03	16.16	6.489	2.248	2.106	0	0	0	0	0.162	0.164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.893	5.387	0	0
UDE04	16.36	11.75	0	0	0	0	0	0	0.588	0.597	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12.87	12.01	0	0
UDE05	0.386	0.39	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	0
UDE06	10.67	6.971	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.37	6.817	0	0
UDE07	3.016	2.577	0	0	0	0	0	0	0	0	0	0	0.302	0.293	0	0	0	0	0	0	0	0	0	0	0.302	0.292	0	0
UDE08	0.514	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.514	0.53
UDE09	2.24	2.24	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	0
UDE10	3.417	1.711	0	0	0	0	0	0	0.158	0.155	0.158	0.155	0	0	0	0	0	0	0	0	0	0	0	0	0.792	0.772	0	0
UDE11	0.492	0.338	0.328	0.326	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE12	8.371	4.628	0.09	0.077	0	0	0	0	0	0	0.331	0.217	0	0	0	0	0	0	1.656	1.658	0	0	0.331	0.329	0.166	0.167	0	0
UDE13	12.92	8.304	0	0	0	0	0	0	0.672	0.516	0	0	0	0	0.482	0.391	0	0	0	0	0	0	0	0	6.915	6.11	0	0
UDE14	0.582	0.377	0	0	0	0	0.097	0.1	0.097	0.105	0.097	0.1	0.097	0.105	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE15	0.291	0.399	0	0	0	0	0	0	0	0	0.291	0.399	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE16	15.13	5.499	1.092	0.963	0	0	0	0	0.262	0.247	1.79	0.656	0	0	0	0	0	0	0	0	0	0	0	0	10.22	4.84	0	0
UDE17	4.311	1.779	1.267	1.148	0	0	0	0	0	0	0.134	0.13	0	0	0.134	0.13	0	0	0	0	0	0	0	0	0	0	0	0
UDE18	0.969	0.624	0.485	0.487	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE19	3.3	3.354	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	0
UDE20	5.843	3.709	1.446	1.42	0	0	0	0	0	0	0.181	0.182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE21	1.108	0.595	0	0	0	0	0	0	0	0	0.369	0.417	0	0	0	0	0	0	0	0	0	0	0	0	0.369	0.418	0	0
UDE22	10.61	4.757	0	0	0	0	0	0	0.236	0.249	0.118	0.122	0.178	0.184	0	0	0	0	0.711	0.77	0	0	1.185	1.112	2.368	1.495	0	0
UDE23	16.16	6.761	0.765	0.787	0	0	0	0	0	0	0	0	0.402	0.335	0	0	0	0	0	0	0	0	0	0	10.17	3.197	0	0
UDE24	9.062	5.267	4.014	3.554	0	0	0	0	1.099	0.96	0.301	0.266	0	0	0	0	0	0	0	0	0	0	0	0	3.299	2.881	0	0
Total	147.4	22.22	11.74	4.722	0	0	0.097	0.1	3.274	1.315	3.77	0.99	0.979	0.493	0.616	0.412	0	0	3.234	2.014	0	0	1.516	1.159	67.73	17.38	0.514	0.53
UDW01	1.144	0.762	0	0	0.174	0.173	0	0	0	0	0.352	0.322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDW02	44.96	25.71	0.878	0.551	0	0	0	0	4.951	4.273	0.663	0.438	0	0	0.215	0.217	0	0	0	0	0	0	0	0	31.73	23.38	0	0
UDW03	1.629	0.791	0	0	0	0	0	0	0.039	0.045	0	0	0	0	0	0	0	0	0.078	0.084	0	0	0	0	1.164	0.84	0	0
UDW04	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	0	0	0
UDW05	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	0	0	0
UDW07	24.97	10.46	0	0	0	0	0	0	0.552	0.411	0.745	0.42	0	0	0	0	0	0	0	0	0	0	0	0	20.61	9.87	0	0
UDW08	13.19	11.45	0	0	0	0	0	0	0	0	0.653	0.629	0	0	0	0	0	0	0	0	0	0	0	0	12.08	11.53	0	0
Total	85.89	30.04	0.878	0.551	0.174	0.173	0	0	5.542	4.293	2.413	0.932	0	0	0.215	0.217	0	0	0.078	0.084	0	0	0	0	65.59	27.89	0	0
NGE01	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	0	0	0
NGE02	1.842	1.718	0	0	0.614	0.573	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGE03	12.93	5.704	0	0	0	0	0	0	1.616	1.746	0	0	0.539	0.522	0	0	0	0	0	0	0	0	0	0	4.039	2.846	0	0
NGE04	5.976	3.281	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.434	3.44	0	0
NGE05	11.88	8.746	0	0	0	0	0.963	1.007	0	0	0.003	0	0	0	0	0	0	0	0	0	0	0	0	0	9.626	9.193	0	0
NGE06	9.905	5.713	0.897	0.409	0	0	0	0	1.086	0.531	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.426	5.814	0	0
NGE07	28.21	6.981	0.797	0.598	0	0	0.456	0.416	5.229	1.98	0.516	0.277	0.228	0.152	0	0	0	0	1.071	0.892	0.268	0.263	0	0	12.89	5.179	0.669	0.427
Total	70.74	14.29	1.694	0.725	0.614	0.573	1.419	1.089	7.931	2.693	0.519	0.277	0.767	0.544	0	0	0	0	1.071	0.892	0.268	0.263	0	0	38.42	12.85	0.669	0.427
NGW01	16.07	7.794	0.173	0.173	0	0	0	0	0.864	0.567	0.396	0.292	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGW02	11.42	5.02	0.438	0.237	0.301	0.221	0.93	0.952	0	0	0.465	0.351	0	0	0.146	0.122	0	0	0	0	0.155	0.158	0	0	2.48	2.416	0	0
NGW03	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	0	0	0
NGW04	169.6	59.76	2.863	1.382	0.15	0.155	0.299	0.265	3.433	1.699	0.15	0.155	0	0	0	0	154.9	60.2	0	0	0	0	0	0	1.59	1.258	0	0
NGW05	13.29	5.487	0.168	0.173	0.168	0.173	0	0	0.335	0.348	0.289	0.288	0.168	0.148	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGW06	4.461	3.964	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.879	3.997	0	0
NGW07	26.82	8.817	0.359	0.356	0.175	0.176	0.539	0.537	6.741	3.907	0.355	0.251	0.175	0.17	0.18	0.179	0	0	0	0	0	0	0	0	7.173	3.204	0	0
NGW08	40.39	8.682	3.351	1.299	0	0	0.81	0.819	4.84	1.832	5.181	2.675	0	0	0	0	0	0	0.159	0.161	0	0	0	0	17.94	9.21	0.162	0.164
NGW09	7.654	6.162	0	0	0	0	0	0	0	0	0	0	0	0	0.175	0.148	0	0	0	0	0	0	0	0	3.506	2.996	0.701	0.599
NGW10	4.915	2.194	0.189	0.19	0	0	0	0	0	0	2.91	1.886	0	0	0	0	0	0	0	0	0	0	0	0	1.817	1.295	0	0
NGW11	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	0	0	0
NGW12	30.25	17.48	0	0	0	0	0	0	0	0	0.681	0.405	0	0	0	0	0	0	2.055	2.055	0	0	0	0	25.46	15.77	0	0
NGW13	9.033	3.408	0.147	0.145	0	0	0.145	0.145	0.727	0.354	0.29	0.288	0.145	0.145	0	0	0	0	0	0	0	0	0	0	5.838	3.44	0	0
NGW14	12.22	3.983	0.733	0.458	0	0	0	0	0.244	0.23	0	0	0.244	0.23	0	0	0	0	0	0	0	0	0.244	0.23	4.888	3.291	0	0
NGW15	14.64	5.779	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.5	3.396
NGW16	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	0	0	0
Total	360.7	65.31	8.421	2.027	0.794	0.366	2.723	1.398	17.18	4.704	10.72	3.367	0.732	0.354	0.501	0.263	154.9	60.2	2.214	2.061	0.155	0.158	0.244	0.23	74.57	20.01	4.363	3.452
KPF01	4.313	1.879	0	0	0	0	0	0	0	0	0	0	0	0	0.162	0.161	0	0	0	0	0	0	0	0	1.541	1.05	0	0
KPF02	1.063	0.764	0	0	0	0	0	0	0.906	0.754	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KPF03	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	0	0	0
KPF04	15.98	13.68	0	0	0	0	0	0	0.178	0.179	0.178	0.179	0	0	0	0	13.39	13.41	0	0	0	0	0	0	0	0	0	0
KPF05	0.919	0.908	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	0
KPF07	4.392	2.942	0.976	0.969	0	0	0	0	0.488	0.484	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.928	2.9	0	0
KPF08	61.36	20.87	0	0	0.155	0.155	0.155	0.155	13.51	6.824	11.19	5.342	0.62	0.465	0.237	0.237	20.11	15.16	3.549	3.563	0	0	0	0	7.098	7.126	0	0
KPF09	1.659	0.932	0	0	0	0	0	0	0.319	0.324	0.16	0.161	0.16	0.161	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KPF10	19.74	5.734	1.146	0.862	0	0	0	0	10.54	5.377	6.132	3.333	0.143	0.141	0	0	0	0	0	0	0.573	0.573	0	0	0.859	0.462	0	0
KPF11	53.82	16.26	0.485	0.338	0	0	0.323	0.324	18.16	9.726	9.34	5.01	0.162	0.161	0	0	0	0	0.647	0.637	0	0	0	0	7.375	4.41	0	0
KPF12	65.05	24.21	0	0	0	0	0	0	1.05	0.503	1.232	0.612	0	0	0	0	0	0	0	0	0	0	0	0	1.42	1.171	0	0
KPF13	3.899	1.863	0	0	0	0	0	0	3.064	2.054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KPF14	4.709	2.298	0.468	0.342	0	0	0	0	3.058	2.071	0.691	0.437	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KPF15	6.011	3.109	0.159	0.158	0	0	0	0	1.951	1.55	0.585	0.396	0	0	0	0	0	0	0	0	0	0	0	0	0.975	0.971	0	0
KPF16	7.542	3.224	0	0	0	0	0	0	3.22	2.816	0.514	0.374	0	0	0.478	0.477	0	0	0	0	0	0	0	0	0.979	0.979	0	0
KPF17	4.104	2.162	0	0	0	0	0	0	0.162	0.161	0	0	0	0	0	0	0	0	0	0	0	0	0.175	0.176	0	0	0	0
Total	254.6	39.42	3.234	1.392	0.155	0.155	0.478	0.359	56.6	13.79	30.03	8.104	1.085	0.537	0.877	0.557	33.5	20.24	4.196	3.62	0.573	0.573	0.175	0.176	23.18	9.123	0	0

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	total		murre		pigu		alcsm		corm		gwgu		loon		rngr		emgo		stei		coei		kiei		blsc		wwsc	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
SKN01	2.202	1.179	0	0	0	0	0	0	1.525	1.042	0.169	0.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN02	4.531	4.332	0	0	0	0	0	0	0.189	0.192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN03	23.35	1.224	0.486	0.483	0	0	1.297	1.293	8.342	2.004	1.695	0.633	0	0	0.295	0.21	0	0	0	0	0	0	0	0	3.066	1.811	0	0
SKN04	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	0	0	0
SKN05	2.964	2.625	0	0	0	0	0	0	0.988	0.875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.976	1.75	0	0
SKN06	4.897	2.051	1.98	1.204	0.469	0.467	0	0	1.172	0.923	0.469	0.31	0	0	0	0	0	0	0	0	0	0	0	0	0.104	0.105	0	0
SKN07	3.532	2.023	0.272	0.274	0	0	0	0	1.63	1.647	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN08	0.737	0.575	0	0	0	0	0	0	0.368	0.378	0.184	0.187	0.184	0.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN09	2.122	1.963	1.14	1.141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN12	1.444	0.738	0	0	0	0	0.285	0.283	0.927	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN13	0.311	0.31	0	0	0	0	0	0	0.311	0.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN15	21.15	3.091	0	0	0	0	0	0	10.11	2.127	1.436	0.985	0	0	0	0	0	0	0	0	0	0	0	0	2.716	1.449	0	0
Total	67.24	7.157	3.878	1.749	0.469	0.467	1.582	1.323	25.57	3.804	3.953	1.237	0.184	0.19	0.295	0.21	0	0	0	0	0	0	0	0	7.862	2.908	0	0
SKS01	27.63	7.878	0	0	0.18	0.182	1.078	1.088	1.144	0.737	2.288	1.277	0	0	0.18	0.179	0	0	0	0	0	0	0	0	7.516	3.464	4.671	4.656
SKS02	17.53	9.152	0	0	0	0	0	0	3.779	3.773	1.237	0.558	0.146	0.148	0	0	0	0	0.876	0.879	0	0	0	0	0.292	0.292	0.438	0.44
SKS03	1.402	0.889	0.2	0.2	0	0	0	0	0	0	0	0	0.2	0.19	0.801	0.758	0	0	0	0	0	0	0	0	0	0	0	0
SKS04	3.471	2.071	0	0	0	0	0	0	0.215	0.214	0.644	0.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS05	73.48	65.88	0	0	0	0	0	0	0.462	0.303	0	0	0	0	0	0	72.79	65.88	0	0	0	0	0	0	0	0	0	0
SKS06	5.798	5.788	0	0	0	0	0	0	5.798	5.788	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS08	6.089	3.776	0	0	0	0	0	0	3.647	3.452	0.977	1.068	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS09	9.119	9.678	0	0	0	0	0	0	0	0	0	0	0.203	0.207	0	0	8.105	8.831	0	0	0	0	0	0	0	0	0	0
SKS10	16.91	4.586	3.221	2.126	0	0	0.46	0.459	0.715	0.297	0.562	0.416	0.528	0.281	0	0	0	0	0	0	0	0	0	0	8.012	2.931	0	0
SKS11	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	0	0	0
SKS12	7.127	3.509	0	0	0	0	0	0	0.221	0.179	0.037	0.032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS13	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	0	0	0
SKS14	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	0	0	0
SKS15	3.365	3.987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.692	3.82	0	0
SKS16	11.18	4.096	0.056	0.055	0.274	0.29	0	0	1.37	0.545	0.056	0.055	0	0	0	0	0	0	0	0	0	0	0	0	2.39	1.572	0	0
SKS17	6.148	3.307	0	0	0	0	0	0	0.723	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.34	3.464	0	0
SKS18	17.69	8.016	1.498	1.176	0	0	0	0	2.39	1.232	0	0	0.552	0.369	0.146	0.141	0	0	0.735	0.727	0	0	1.752	1.747	0.735	0.456	0.368	0.359
Total	206.9	69.09	4.975	2.438	0.454	0.342	1.538	1.181	20.46	7.91	5.801	1.915	1.629	0.562	1.127	0.792	80.89	66.47	1.611	1.141	0	0	1.752	1.747	25.98	7.067	5.477	4.691
SPR01	42.26	33.95	0	0	0	0	0	0	2.178	1.529	0.469	0.345	0	0	0	0	36.13	34.9	0	0	0	0	0	0	0	0	0	0
SPR02	1.769	1.782	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	0
SPR03	2.067	0.771	0.413	0.401	0	0	0	0	0.62	0.462	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.207	0.207	0	0
SPR04	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	0	0	0
SPR05	1.301	1.147	0	0	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0	0	0	0	0	0	0	0.96	1.095	0	0
SPR06	43.22	38.15	0.149	0.148	0	0	0	0	3.57	2.699	0.706	0.451	0	0	0	0	0	0	0	0	0	0	0.298	0.297	0.53	0.524	0	0
SPR08	0.836	0.617	0	0	0	0	0	0	0.627	0.619	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPR09	5.585	3.38	0.2	0.2	0	0	0	0	2.375	2.198	1.957	1.354	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPR10	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	0	0	0
SPR11	116.7	53.81	0	0	0	0	0	0	1.022	0.555	59.8	34.73	0	0	0	0	52.49	51.89	0	0	0	0	0	0	0.645	0.647	1.934	1.935
SPR12	20.4	17.96	0	0	0	0	0	0	1.277	1.279	18.94	18.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPR13	1.481	0.906	0	0	0.151	0.152	0	0	0.95	0.647	0.38	0.251	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPR14	0.741	0.465	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.308	0.339	0	0
Total	236.4	76.45	0.762	0.472	0.151	0.152	0	0	12.62	4.173	82.43	39.21	0	0	0	0	88.62	62.54	0	0	0	0	0.298	0.297	2.65	1.432	1.934	1.935
PMN01	7.326	2.833	0.653	0.672	0.327	0.321	0	0	0.359	0.355	0	0	0	0	0	0	0	0	1.435	1.402	0	0	0	0	1.044	0.785	0	0
PMN02	16.86	11.96	0	0	0	0	0	0	0.397	0.243	0	0	0	0	0	0	0	0	4.527	4.596	0	0	0	0	8.52	5.79	0	0
PMN03	14.86	10.6	0	0	0	0	0	0	8.369	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.489	4.578
PMN04	34.75	14.41	1.323	1.309	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.93	11.17	7.375	5.277
PMN05	17.1	13.72	1.156	1.115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.95	13.71	0	0
PMN06	21.96	10.94	1.438	1.416	0	0	0	0	0	0	0.288	0.283	0	0	0	0	10.19	10.05	0	0	0	0	0	0	0	0	1.438	1.404
PMN07	70.23	50.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46.48	47.49	0	0	0	0	1.032	1.041	8.458	6.305	5.005	3.541
PMN08	48.2	14.03	0	0	0	0	1.824	1.642	0.997	0.49	0.199	0.2	0	0	0	0	13.2	12.9	9.975	10.06	0	0	0	0	9.132	4.665	2.437	2.454
PMN09	15.53	5.145	0.178	0.179	0	0	0	0	9.259	4.964	0.355	0.228	0	0	0	0	0	0	0	0	0	0	0	0	3.306	2.103	0	0
PMN10	7.301	3.385	0.215	0.214	0.215	0.214	0	0	0.859	0.555	0.429	0.429	0	0	0	0	0	0	0	0	0	0	0	0	4.939	3.389	0	0
PMN11	0.798	0.422	0.319	0.318	0	0	0	0	0.319	0.329	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN12	11.54	5.547	2.772	2.772	0	0	0	0	0.416	0.297	0.185	0.187	0	0	0	0	0	0	0	0	0	0	0	0	2.782	2.806	0	0
PMN13	15.49	9.897	0	0	0	0	0.378	0.381	1.888	1.899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.777	3.797	0	0
PMN14	13.16	5.725	0	0	0	0	0	0	3.396	1.637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.566	0.575	0	0
PMN15	13.44	8.582	0	0	0	0	0	0	0	0	1.678	1.187	0	0	0	0	0	0	5.026	5.069	0	0	0	0	0	0	0	0
PMN16	2.22	1.705	1.903	1.779	0	0	0	0	0	0	0	0	0	0	0.317	0.298	0	0	0	0	0	0	0	0	0	0	0	0
PMN17	40.79	18.66	0	0	0	0	0	0	0.216	0.21	0.216	0.21	0.216	0.21	0	0	0	0	16.27	11.73	12.71	13.01	0	0	6.435	4.833	1.512	1.493
PMN18	3.358	1.715	0	0	0	0	0	0	0.228	0.235	0.399	0.37	0	0	0	0	0	0	1.593	0.963	0	0	0	0	0	0	0	0
PMN19	6.621	3.098	0	0	0	0	0	0	2.014	2.07	0.384	0.386	0	0	0	0	0	0	0.576	0.567	0	0	0	0	0	0	0	0
PMN22	3.198	1.337	0	0	0	0	0	0	0.573	0.557	0.859	0.618	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN23	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	0	0	0
PMN24	4.064	1.968	0	0	0	0	0	0	1.035	0.642	0.379	0.274	0	0	0	0	0	0	0	0	0	0	0	0	0.859	0.864	0	0
PMN25	0.208	0.21	0	0	0	0	0	0	0	0	0.208	0.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN26	17.04	7.809	0	0	0	0	0	0	0.907	0.502	1.264	1.075	0.37	0.235	0	0	7.406	7.408	0	0	0	0	0	0	1.296	0.832	0	0
PMN27	36.9	9.64	1.205	0.807	0	0	0	0	17.13	5.644	1.138	0.541	0	0	0	0	13.52	9.842	0	0	0	0	0	0	1.138	0.985	0	0
PMN28	128.3	44.35	0	0	0	0	0	0	29.9	13.18	3.188	1.546	0.21	0.205	0	0	59.29	36.74	11.9	7.444	0	0	0	0	5.429	3.152	0	0
Total	551.2	79.16	11.16	4.134	0.542	0.386	2.202	1.685	78.26	16.89	11.17	2.543	0.796	0.375	0.317	0.298	150.1	63.44	51.31	18.55	12.71	13.01	1.032	1.041	90.56	21.96	24.26	8.46
PME01	1.35	0.835	0	0	0	0	0	0	0	0	0.338	0.339	0	0	0	0	0	0	0	0	0	0	0.338	0.339	0	0	0	0
PME05	15.2	5.881	0.475	0.493	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.126	3.82	0	0
PME06	19.89	14.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.917	1.909	0	0	0	0	14.37	11.72	1.437	1.431
PME07	3.008	2.518	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	0
PME09	13.63	13.62	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	0
PME10	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	0	0	0
PME12	6.408	3.776	0	0	0	0	0	0	0.291	0.279	0.291	0.286	0	0	0	0	0	0	0	0	0	0	0	0	0.583	0.559	0	0
PME13	16.26	4.538	2.965	2.942	0	0	2.57	1.947	2.754	1.797	0.759	0.575	0	0	0	0	0	0	0	0	0	0	0	0	0.379	0.382	0	0
PME14	47.86	36.15	5.143	3.459	0	0	0.139	0.138	1.018	1.015	0.145	0.145	0	0	0	0	0	0	2.78	2.781	0	0	0	0	0.291	0.293	0	0
PME15	13.79	7.676	3.576	2.708	0	0	0	0	0	0	0.307	0.207	0	0	0.169	0.17	0	0	0	0	0	0	0	0	0.169	0.167	0	0
PME16	10.31	4.184	0.109	0.11	0	0	0	0	0.436	0.438	0.192	0.187	0	0	0	0	3.269	3.139	0	0	0	0	0	0	1.344	1.312	0	0
PME17	37.82	10.85	0	0	0	0	0	0	20.77	9.348	1.719	1.884	0	0	0	0	2.772	2.803	0	0	0	0	0	0	0.97	0.963	0	0
PME18	2.903	1.347	0.496	0.495	0.496	0.494	0.165	0.164	0.331	0.33	0.331	0.212	0	0	0	0	0	0	0	0	0.165	0.167	0	0	0	0	0	0
PME19	8.235	4.357	3.879	3.622	0	0	0	0	0.215	0.217	0.215	0.214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PME20	4.781	2.272	0	0	0	0	0	0	0.669	0.696	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.493	2.136	0	0
Total	201.4	44.75	16.64	6.447	0.496	0.494	2.874	1.959	26.48	9.62	4.297	2.065	0	0	0.169	0.17	6.041	4.208	4.697	3.373	0.165	0.167	0.338	0.339	27.73	12.64	1.437	1.431

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	total		murre		pigu		alcsm		corm		gwgu		loon		rngr		emgo		stei		coei		kiei		blsc		wwsc	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
PMS01	8.69	5.265	0.148	0.148	0	0	0	0	2.169	1.87	0.136	0.134	0	0	0	0	5.423	5.45	0	0	0	0	0	0	0.813	0.817	0	0
PMS02	25.61	17.06	0	0	0	0	0	0	6.051	5.483	0.311	0.307	0	0	0	0	17.9	17.35	0	0	0	0	0	0	0.623	0.612	0	0
PMS03	10.55	2.673	0.583	0.585	0	0	0.427	0.298	4.632	1.746	2.767	1.366	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMS04	11.63	8.001	0	0	0	0	0	0	0.153	0.152	0.69	0.361	0	0	0	0	0	0	6.885	6.875	0	0	0	0	0.918	0.917	0	0
PMS05	100.6	42.67	0	0	0	0	0.442	0.443	5.126	2.158	2.058	0.706	0.147	0.148	2.064	1.327	69.57	38.34	0	0	0	0	0	0	7.456	3.302	0	0
PMS06	67.33	17.79	0.296	0.297	0	0	1.62	1.617	4.959	2.062	2.667	1.385	0.148	0.148	1.944	1.952	25.1	14.84	0	0	0	0	0	0	11.58	4.948	9.397	4.967
PMS07	2.252	1.589	0	0	0	0	0	0	1.253	1.235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.999	1	0	0
PMS08	10.98	5.099	0	0	0	0	0	0	0	0	0.159	0.164	0	0	0	0	0	0	0	0	0	0	0	0	8.117	5.076	0	0
PMS09	0.383	0.277	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.228	0.228	0	0
PMS10	6.093	2.475	0	0	0	0	0	0	1.326	0.829	0.519	0.524	0	0	0	0	0	0	0	0	0	0	0	0	2.232	1.761	0	0
PMS11	3.357	3.176	0.009	0	0	0	0	0	3.297	3.176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMS12	0.192	0.207	0.192	0.207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMS13	6.95	2.326	2.756	2.012	0.276	0.276	0.138	0.138	1.657	0.569	0.38	0.249	0	0	0	0	0	0	0	0	0	0	0	0	0.138	0.138	0	0
PMS14	7.362	4.51	0.633	0.435	0	0	0	0	0.958	0.872	0.855	0.466	0	0	0	0	0	0	0	0	0	0	0	0	0.214	0.219	0	0
PMS15	31.13	14.61	0	0	0	0	0	0	0	0	0.798	0.807	0	0	0	0	0	0	5.588	5.652	0	0	0	0	15.97	12.36	0	0
PMS16	0.233	0.243	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	0
PMS17	3.784	3.093	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	0
PMS19	0.479	0.386	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	0
PMS20	1.475	1.138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.265	1.237	0	0
PMS21	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	0	0	0
Total	299.1	53.12	4.617	2.175	0.276	0.276	2.627	1.709	31.58	7.677	11.34	2.4	0.295	0.21	4.008	2.361	118	44.95	12.47	8.9	0	0	0	0	50.55	14.89	9.397	4.967
MCB01	28.78	11.27	0.379	0.386	0	0	0	0	17.3	8.252	0.609	0.336	0.379	0.371	0	0	5.753	5.782	0	0	0	0	0	0	2.276	1.469	0	0
MCB02	4.462	1.798	0	0	0.412	0.411	0	0	0.981	0.841	0.632	0.335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCB03	7.311	3.601	0.389	0.377	0	0	0	0	0	0	0.584	0.286	0	0	0	0	0	0	2.336	2.264	0	0	0	0	0.696	0.731	2.783	2.481
MCB04	2.071	1.427	0	0	0	0	0	0	0	0	0.518	0.497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCB05	46.79	36.74	0	0	0	0	0	0	0.249	0.257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.201	6.621	0.204	0.214
MCB06	5.647	2.584	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.209	1.999	0	0	0	0	0.257	0.27	0	0
MCB07	0.568	0.389	0	0	0	0	0	0	0	0	0.142	0.148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCB08	16.66	9.393	0	0	0.309	0.378	0	0	0	0	0.309	0.316	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCB09	0.633	0.358	0	0	0	0	0	0	0	0	0.126	0.134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.338	0.332
MCB10	6.434	2.493	0	0	0	0	0	0	1.047	0.709	0.157	0.158	0	0	0	0	0	0	0	0	0	0	0.178	0.182	2.348	2.361	0.178	0.179
MCB11	3.056	1.656	0	0	0	0	0	0	1.154	0.741	0.203	0.19	0	0	0	0	0	0	0	0	0	0	0	0	0.282	0.283	0	0
MCB12	17.25	5.63	0	0	0	0	0.625	0.629	1.487	1.075	0	0	0	0	0	0	2.648	2.733	0	0	0	0	0	0	9.79	4.639	1.915	1.559
MCB13	8.737	2.332	0	0	0	0	0	0	2.179	0.977	0.613	0.319	0	0	0.2	0.202	0	0	0	0	0	0	0	0	1.719	1.036	1.599	0.993
MCB14	9.954	5.064	0.154	0.155	0	0	0	0	1.618	0.925	1.321	0.474	0.154	0.155	0	0	0	0	0	0	0	0	0	0	4.463	4.471	0.308	0.19
MCB15	49.26	11.85	0.637	0.64	0	0	0.302	0.302	24.16	8.472	3.057	1.013	0	0	0	0	4.526	4.515	2.548	2.505	5.28	5.231	0.406	0.297	1.147	0.75	2.548	2.505
Total	207.6	42.46	1.559	0.851	0.721	0.559	0.927	0.698	50.18	12.03	8.271	1.452	0.533	0.402	0.2	0.202	12.93	7.828	7.093	3.924	5.28	5.231	0.584	0.348	32.18	9.768	9.873	4.008
KSB01	11.57	7.244	0	0	0	0	0	0	0.128	0.118	0	0	0.128	0.118	0	0	0	0	0	0	0	0	0	0	8.131	7.032	0	0
KSB02	10.63	9.025	0	0	0	0	0	0	1.798	1.297	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.723	0.723	0	0
KSB03	40.68	16.78	1.025	1.026	0.171	0.17	0	0	3.381	1.88	0.513	0.515	0	0	0	0	20.45	17.56	0	0	0	0	0	0	4.189	2.525	0.342	0.342
KSB04	10.67	3.867	0	0	0	0	0	0	3.326	2.694	0.309	0.316	0	0	0.155	0.155	0	0	0	0	0	0	0	0	3.945	2.875	0	0
KSB05	5.325	3.331	0	0	0	0	0	0	3.101	2.747	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.022	1.991	0	0
KSB06	7.809	5.696	0.309	0.243	0	0	0	0	0.619	0.344	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.868	5.733	0	0
KSB08	5.433	2.682	0	0	0	0	0	0	0.659	0.483	0.161	0.148	0	0	0	0	0	0	0	0	0	0	0	0	2.357	1.748	0	0
KSB10	18.4	4	2.275	1.688	0	0	0	0	0.846	0.874	0.289	0.205	0	0	0.141	0.148	0	0	1.986	1.781	0	0	0	0	6.817	2.859	0.564	0.374
KSB11	4.311	2.313	0	0	0	0	0	0	0.688	0.486	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.333	0.998	0.731	0.73
KSB12	18.02	7.241	0	0	0	0	0	0	1.728	1.096	0	0	0	0	0	0	0	0	0	0	0	0	0.318	0.313	9.274	5.664	0.42	0.31
KSB13	29.36	17	0	0	0.194	0.184	0	0	0.581	0.557	0.166	0.161	0.166	0.161	0	0	12.21	11.74	0	0	0	0	0	0	8.497	3.689	1.328	1.329
KSB14	5.393	3.337	0.568	0.295	0	0	0	0	0.142	0.141	0.142	0.141	0	0	0	0	0	0	1.419	1.412	0	0	0	0	0	0	0	0
KSB15	8.089	2.981	0	0	0	0	0.177	0.179	2.538	1.414	0	0	0.177	0.176	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	175.7	29.39	4.177	2.012	0.365	0.251	0.177	0.179	19.54	4.991	1.58	0.689	0.471	0.266	0.296	0.214	32.65	21.12	3.405	2.273	0	0	0.318	0.313	53.16	12.62	3.385	1.628
BCK01	19.63	7.705	0	0	0	0	0	0	4.265	2.287	7.838	5.241	0	0	0	0	0	0	0	0	0	0	0	0	1.64	1.634	0	0
BCK02	56.96	24.53	0.172	0.173	0	0	0	0	10.08	7.354	0.883	0.693	0	0	0	0	38.57	20.6	0	0	6.898	6.9	0	0	0	0	0	0
BCK03	5.658	2.562	0	0	0	0	0	0	3.017	1.913	1.853	0.763	0.17	0.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BCK04	1.207	0.722	0	0	0	0	0	0	0.588	0.435	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BCK05	10.9	1.019	0	0	0	0	0.336	0.335	5.219	1.086	3.756	1.001	0	0	0	0	0	0	0	0	0.336	0.336	0	0	0	0	0	0
BCK06	3.508	2.371	0	0	0	0	0.167	0.167	0.63	0.385	0.482	0.365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BCK07	35.61	11.8	0	0	0	0	0.786	0.762	2.622	1.855	0.866	0.434	0	0	0	0	12.05	9.994	0	0	0	0	0	0	3.118	1.996	0.393	0.391
BCK08	2.685	1.517	0.666	0.655	0	0	0	0	0	0	0.133	0.13	0	0	0	0	0	0	0	0	0.799	0.796	0	0	0.338	0.329	0	0
BCK09	50.87	9	0	0	0	0	3.865	3.746	0	0	0.364	0.261	0	0	0	0	8.567	8.314	22.42	9.701	0	0	0	0	4.138	2.344	1.933	1.557
BCK10	26.42	16.4	0	0	0	0	0	0	0	0	0.48	0.444	0	0	0	0	0	0	18.43	14.09	0	0	0	0	2.949	2.255	0	0
BCK11	3.129	2.456	0	0	0	0	0	0	0	0	3.129	2.456	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BCK14	3.97	3.624	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.647	2.416	0	0	1.323	1.208	0	0
Total	220.5	34.43	0.838	0.677	0	0	5.154	3.841	26.42	8.241	19.78	6.014	0.17	0.17	0	0	59.19	24.36	40.85	17.11	10.68	7.361	0	0	13.51	4.336	2.326	1.605

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	total		murre		pigu		alcsm		corm		gwgu		loon		rngr		emgo		stei		coei		kiei		blsc		wwsc	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
KMK01	6.522	2.162	0.307	0.308	0.153	0.155	0	0	3.568	1.622	2.035	1.107	0	0	0	0	0	0	0	0	0	0	0	0	0.307	0.307	0	0
KMK02	10.53	5.271	0	0	0	0	0	0	0.674	0.52	1.745	1.484	0.229	0.239	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK03	8.565	3.507	0	0	0	0	0	0	5.498	3.039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.534	1.392	0	0
KMK04	22.74	9.785	0	0	0	0	0	0	0.766	0.55	0.255	0.259	0.285	0.285	0	0	0	0	0.511	0.518	0	0	0	0	6.127	3.984	0	0
KMK05	27.42	12.53	0.758	0.76	0.158	0.158	0	0	3.032	1.829	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.687	3.652	3.278	2.311
KMK06	33.3	12.05	1.06	1.066	0.424	0.224	0	0	0.853	0.662	0	0	0.106	0.105	0	0	0	0	5.13	4.106	0	0	0	0	0	0	0	0
KMK07	48.18	6.528	0.554	0.527	0	0	0	0	0.277	0.21	0	0	0.277	0.118	0	0	0	0	0	0	0	0	0	0	8.402	3.9	1.937	1.929
KMK08	0.547	0.2	0	0	0	0	0	0	0.006	0	0.017	0	0	0	0	0	0	0	0	0	0	0	0	0	0.182	0.161	0	0
KMK09	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	0	0	0
KMK10	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	0	0	0
KMK11	8.633	7.978	0	0	0	0	0	0	0.432	0.404	0	0	0.216	0.219	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK12	8.834	2.767	0.112	0.11	0	0	0	0	0.187	0.161	0.985	0.373	0	0	0	0	0	0	0.822	0.829	0	0	0	0	0.822	0.722	0.449	0.346
KMK13	13.92	7.087	0	0	0	0	0	0	0.398	0.359	0.003	0	0.001	0	0	0	0	0	3.171	3.268	0	0	0	0	3.576	2.069	0	0
KMK14	20.45	8.772	0	0	0	0	0	0	16.28	8.492	0.449	0.349	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK15	9.509	2.691	0	0	0	0	0.899	0.908	3.597	1.736	0.967	0.836	0.599	0.581	0	0	0	0	0.749	0.756	0	0	0	0	1.226	1.227	0.3	0.302
KMK16	36.53	10.82	0	0	0.247	0.245	0.345	0.344	9.944	2.43	0.371	0.253	0.124	0.122	0	0	0	0	0.247	0.243	0	0	0	0	12.42	7.08	0.247	0.245
KMK17	8.422	3.727	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.645	0.68	0	0	0	0	5.055	3.139	0.323	0.311
KMK18	50.03	12.68	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	0
KMK19	7.427	5.469	0	0	0	0	0	0	0.072	0.055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.701	5.501	0	0
KMK20	29.32	7.809	0	0	0	0	0.313	0.305	1.275	0.935	0	0	0	0	0	0	0	0	2.405	2.353	0	0	0	0	9.512	5.048	0.104	0.105
KMK21	10.89	7.836	0.414	0.41	0	0	0	0	0.815	0.424	0.138	0.138	0	0	0	0	0	0	0	0	0	0	0	0	0.276	0.274	0	0
KMK22	7.62	2.308	0	0	0	0	0	0	3.656	1.543	1.368	0.645	0	0	0	0	1.491	1.489	0	0	0	0	0	0	0.274	0.279	0	0
KMK23	3.873	2.495	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.949	2.542	0	0	0	0	0	0	0	0	0	0
KMK24	8.573	5.045	0	0	0	0	0	0	3.237	1.841	0	0	0	0	0	0	0.889	0.896	3.557	3.54	0	0	0.178	0.182	0.711	0.715	0	0
KMK25	6.176	2.054	0	0	0	0	0	0	1.822	0.764	0.307	0.311	0.487	0.345	0.307	0.295	0	0	0	0	0	0	0	0	0.614	0.624	0.18	0.179
KMK26	3.193	2.138	0	0	0	0	1.749	1.898	0.63	0.41	0.135	0.145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK27	41.58	42.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41.16	42.44	0	0	0	0	0	0	0	0	0	0
KMK28	13.66	12.05	0	0	0	0	0	0	0.525	0.538	0	0	0	0	0	0	13.14	12.21	0	0	0	0	0	0	0	0	0	0
KMK29	1.26	0.794	0	0	0	0	0	0	1.102	0.694	0.157	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK30	60.41	21.18	0	0	0	0	0	0	6.47	3.735	0.313	0.313	0	0	0	0	51.38	23.33	0	0	0	0	0	0	0.843	0.644	0	0
KMK31	11.87	7.448	0	0	0	0	0	0	4.992	3.565	0.607	0.397	0.202	0.202	0	0	0	0	6.068	6.067	0	0	0	0	0	0	0	0
KMK32	204.3	59.76	0	0	0	0	0	0	90.02	33.31	3.313	1.063	0.461	0.497	0	0	97.72	60.61	0	0	9.651	9.503	0	0	0	0	0	0
KMK33	10.86	8.704	0	0	0	0	0	0	7.836	7.081	0.256	0.173	0	0	0	0	0.464	0.467	0	0	0	0	0	0	0	0	0	0
Total	735.1	85.26	3.205	1.505	0.982	0.399	3.306	2.154	168	35.95	13.42	2.549	2.987	0.985	0.307	0.295	209.2	78.6	23.31	9.191	9.651	9.503	0.178	0.182	65.27	13.04	6.818	3.078
ALM01	9.046	4.799	0	0	0	0	0	0	7.385	4.139	0.277	0.293	0	0	0	0	0	0	0	0	0	0	0	0	1.384	1.331	0	0
ALM02	15.62	5.476	0	0	0	0	0	0	13.21	5.248	1.116	0.354	0	0	0	0	0	0	0	0	0	0	0	0	0.186	0.184	0	0
ALM03	6.915	2.028	0	0	0	0	0	0	3.398	1.624	1.077	0.574	0	0	0.286	0.29	0	0	0	0	0.143	0.134	0	0	0.286	0.29	0	0
ALM04	5.779	1.776	0	0	0	0	0	0	1.258	0.535	2.755	1.694	0	0	0.126	0.13	0	0	0	0	0	0	0	0	0	0	0	0
ALM05	3.707	1.597	0	0	0	0	0	0	0.382	0.268	1.023	0.379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALM06	31.81	6.644	0	0	0.249	0.249	0	0	1.935	1.08	1.268	0.583	0.837	0.598	0.837	0.464	9.904	7.402	0	0	1.189	1.177	0.497	0.496	2.988	2.028	0	0
ALM07	7.06	4.612	0	0	0	0	0	0	0	0	0	0	0	0	0.309	0.214	0	0	0	0	0	0	0	0	4.51	4.05	0.543	0.431
ALM08	11.8	4.575	0	0	0	0	0	0	0	0	0.898	0.73	0	0	0	0	0	0	0	0	3.511	3.476	0	0	5.794	3.701	0	0
ALM09	12.48	8.973	0	0	0	0	0	0	0	0	0	0	0.213	0.207	0	0	0	0	0	0	0	0	0	0	4.692	4.031	0	0
ALM10	25.05	8.703	1.068	0.707	0	0	0	0	0.137	0.138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.85	7.998	0	0
ALM11	53.98	30.22	0.977	0.687	0.279	0.274	0.558	0.553	0.57	0.397	0.114	0.105	0	0	0	0	2.168	1.389	9.115	9.267	0	0	0	0	14.91	6.47	0.456	0.466
ALM12	26.8	9.753	0	0	0	0	0	0	3.439	1.651	0.399	0.281	0	0	0	0	1.996	1.935	0	0	10.64	6.998	0	0	6.214	6.207	0	0
ALM13	33.44	13.4	0	0	0	0	0	0	4.926	3.697	0.738	0.572	0	0	0.129	0.13	10.11	8.113	0	0	0	0	0	0	1.476	1.456	0	0
ALM14	21.09	7.572	0	0	0	0	0.248	0.251	1.404	0.822	1.174	0.498	0	0	0	0	7.453	7.387	0	0	0	0	0	0	6.832	5.057	0	0
ALM15	4.248	1.248	0	0	0	0	0	0	1.117	0.597	1.402	0.756	0	0	0	0	0	0	0	0	0	0	0	0	0.623	0.614	0	0
ALM16	1.108	0.641	0	0	0	0	0	0	0.106	0.105	0.369	0.379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALM17	7.581	4.191	0.594	0.593	0	0	0	0	4.337	3.624	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.409	2.512	0	0
ALM18	52.99	34.33	0	0	0	0	0	0	14.58	7.179	0.555	0.543	0	0	0	0	34.8	34.22	0	0	0	0	0	0	2.776	2.805	0	0
ALM19	18.09	18.14	0	0	0	0	0	0	17.87	18.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALM20	7.229	2.261	0	0	0	0	0	0	5.289	3.114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.763	1.628	0	0
ALM21	41.85	38.35	0	0	0	0	0	0	5.479	5.379	0	0	0	0	0	0	36.01	38.01	0	0	0	0	0	0	0	0	0	0
ALM22	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	0	0	0
ALM23	10.99	4.392	0	0	0	0	0	0	8.951	4.533	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.157	0.158
Total	408.7	67.63	2.639	1.151	0.528	0.37	0.806	0.607	95.77	22.76	13.17	2.471	1.05	0.633	1.687	0.616	102.4	52.88	9.115	9.267	15.49	7.903	0.497	0.496	70.7	15.54	1.156	0.654
ASP01	24.52	8.053	0	0	0	0	0	0	8.766	4.419	4.735	1.999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASP02	0.612	0.542	0	0	0	0	0	0	0	0	0.612	0.542	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASP03	0.389	0.255	0	0	0	0	0	0	0.194	0.19	0.194	0.197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASP04	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	0	0	0
ASP05	18.83	5.494	0	0	0	0	0	0	9.723	4.908	1.314	1.036	0	0	0	0	0	0	2.502	2.5	0	0	0	0	0.25	0.251	0	0
ASP06	2.6	1.027	0	0	0	0	0	0	0	0	1	0.963	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0.589	0	0
ASP07	24.25	6.765	0	0	0	0	0	0	22.31	6.611	0.709	0.277	0	0	0	0	0	0	0	0	0	0	0	0	0.647	0.647	0	0
ASP08	2.974	2.03	0	0	0	0	0	0	0.22	0.21	0.667	0.482	0	0	0	0	0	0	0	0	1.978	2.045	0	0	0	0	0	0
ASP09	8.295	7.894	0.159	0.161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.967	7.912	0	0	0	0	0	0
ASP10	6.275	1.56	0.221	0.224	0	0	0	0	5.94	1.554	0.116	0.118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASP11	15.31	6.238	0	0	0	0	0	0	1.839	0.575	0.523	0.241	0	0	0	0	0	0	0.349	0.345	0	0	0	0	0	0	0	0
ASP12	1.62	0.632	0.344	0.332	0	0	0	0	0.116	0.118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASP13	20.56	8.117	0	0	0.474	0.476	0.469	0.468	0.313	0.313	1.844	1.177	0	0	0.237	0.239	6.636	6.488	3.441	3.453	0	0	0	0	1.617	1.343	0.313	0.313
ASP14	29.43	14.7	0	0	0	0	0	0	0	0	0.66	0.457	0.299	0.202	0.299	0.202	11.98	12.08	3.239	2.664	0	0	0	0	10.8	3.271	0	0
ASP15	2.884	1.286	0	0	0	0	0	0	0	0	0.626	0.554	0	0	0	0	0.355	0.356	1.46	0.789	0	0	0	0	0.248	0.089	0	0
ASP16	23.64	6.219	2.861	1.934	0.208	0.13	0	0	0.104	0.105	0.833	0.526	0.104	0.105	0	0	0	0	0	0	0	0	0.478	0.494	2.395	0.892	0	0
ASP17	35.56	16.99	0	0	0	0	0	0	4.652	2.186	1.41	0.729	0	0	0	0	16.16	14.31	0.429	0.425	0	0	0	0	5.145	4.295	0.487	0.327
ASP18	28.44	8.127	0.825	0.815	0.275	0.274	0	0	19.49	6.571	1.238	0.784	0	0	0	0	2.688	2.688	1.651	1.658	0	0	0	0	0	0	0	0
Total	246.2	30.45	4.41	2.143	0.957	0.565	0.469	0.468	73.67	11.76	16.48	3.168	0.403	0.228	0.536	0.313	37.81	20	13.07	5.38	9.945	8.172	0.478	0.494	21.7	5.708	0.8	0.453
RMP	229.8	42.66	0.139	0.141	0	0	0.277	0.277	51.41	17.57	18.64	5.046	0.438	0.324	0.623	0.359	89.22	42.5	6.14	3.609	15.65	9.541	0.831	0.832	15.41	4.252	0	0
Total	229.8	42.66	0.139	0.141	0	0	0.277	0.277	51.41	17.57	18.64	5.046	0.438	0.324	0.623	0.359	89.22	42.5	6.14	3.609	15.65	9.541	0.831	0.832	15.41	4.252	0	0

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	scot		scau		buff		gold		ltdu		hard		undu		merg		mall		bloy		baea		stsl		seot		hase	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
VLC01	0	0	0	0	0	0	0	0	2.598	1.896	5.078	5.112	0	0	0	0	0	0	0	0	0.462	0.286	0	0	0	0	0	0
VLC02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.366	0.366	0	0	0	0	0	0
VLC03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.231	0.228	0	0	0	0	0	0
VLC04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.219	0.221	0	0	0.137	0.138	0	0
VLC05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.434	0.423	0	0	0	0	0	0
VLC06	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	0	0	0
VLC07	0	0	0	0	0	0	0	0	0	0	0.191	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VLC09	0.327	0.324	0	0	0	0	0.327	0.31	0	0	0	0	0	0	0	0	0	0	0	0	0.202	0.2	0	0	0	0	0	0
VLC10	0.828	0.825	0.166	0.164	0	0	0	0	1.159	1.161	8.515	2.757	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1.155	0.887	0.166	0.164	0	0	0.327	0.31	3.757	2.223	13.78	5.812	0	0	0	0	0	0	0	0	1.914	0.732	0	0	0.137	0.138	0	0
MKS01	0.486	0.341	0	0	0	0	0.503	0.505	3.854	3.325	1.846	1.184	0	0	5.874	2.433	0	0	0	0	0.168	0.17	0	0	0	0	0	0
MKS02	0	0	0.145	0.158	0	0	0	0	0	0	0.291	0.288	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MKS03	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	0	0	0
MKS04	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	0	0	0
MKS06	0.663	0.666	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	0
MKS07	0	0	0.447	0.444	0	0	0	0	0	0	0	0	0	0	0.447	0.448	0	0	0	0	0	0	0	0	0	0	0	0
MKS08	0	0	0	0	0	0	0	0	0.65	0.501	0	0	0	0	1.124	0.923	0	0	0	0	0	0	0	0	0	0	0	0
MKS09	0	0	0	0	0	0	0	0	2.375	2.02	0.402	0.401	0	0	0	0	0	0	0	0	0	0	0.184	0.184	0.184	0.184	0	0
MKS11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.406	0.425	0	0	0	0	0.203	0.205	0	0	0.203	0.212	0	0
MKS12	0	0	0	0	0	0	0	0	0.577	0.579	0	0	0	0	0.577	0.578	0	0	0	0	0.384	0.241	0	0	0	0	0	0
MKS13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.893	0.43	0	0	0	0	2.232	2.243
MKS14	0	0	0	0	0	0	0	0	0	0	7.688	4.852	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MKS15	0	0	0	0	0	0	0	0	0.26	0.259	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.612	0.396	0	0
MKS16	0	0	0	0	0	0	0	0	0	0	10.15	7.983	0	0	0	0	0	0	0	0	0	0	0	0	0.655	0.651	0	0
MKS17	0.527	0.527	0	0	0	0	0	0	1.582	1.581	1.055	1.055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MKS18	1.858	1.848	0	0	0	0	0	0	0.464	0.463	1.393	1.394	0	0	0	0	0	0	0	0	0	0	0.727	0.705	0	0	0.232	0.232
Total	3.534	2.062	0.592	0.471	0	0	0.503	0.505	9.762	4.301	22.82	9.591	0	0	8.428	2.736	0	0	0	0	1.648	0.56	0.911	0.729	1.654	0.812	2.464	2.255
HMP01	0.457	0.456	0	0	0	0	0	0	0.914	0.912	2.436	1.671	0	0	2.284	2.092	0	0	0	0	0.609	0.389	0	0	0	0	0	0
HMP02	0	0	0	0	0	0	0	0	0	0	0.713	0.711	0	0	0	0	0	0	1.069	1.066	0	0	0	0	0	0	0	0
HMP03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.481	0.207	0	0	0	0	0	0
HMP04	0	0	0	0	0	0	0	0	0.35	0.361	0.466	0.435	0	0	0	0	0	0	0	0	0.233	0.265	0	0	0	0	0.466	0.462
HMP05	0	0	0	0	0	0	0	0	0.431	0.434	0.862	0.847	0	0	0	0	0	0	0	0	0.431	0.42	0	0	0	0	0	0
HMP06	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	0	0	0
HMP07	0	0	0	0	0	0	0.433	0.444	3.674	2.787	0.857	0.846	0	0	0.429	0.423	0	0	0	0	0	0	0	0	0	0	0	0
HMP08	0	0	0	0	0	0	0	0	0.276	0.277	0	0	0	0	0.19	0.19	0	0	0	0	0	0	0	0	0	0	0	0
HMP10	0	0	0	0	0	0	1.244	1.251	0	0	0	0	0	0	0	0	0	0	0	0	0.622	0.401	0	0	0	0	0	0
HMP11	0	0	0	0	0	0	0	0	0	0	0.288	0.285	0	0	0.288	0.285	0	0	0	0	0	0	0	0	0	0	0	0
HMP12	1.559	1.465	0	0	0	0	1.709	1.698	0.156	0.145	0.342	0.344	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HMP13	1.649	1.652	0	0	0	0	0	0	0.412	0.401	0	0	0	0	0.206	0.207	0	0	0	0	0.824	0.602	0	0	0	0	0	0
Total	3.665	2.255	0	0	0	0	3.386	2.155	6.213	3.029	5.964	2.262	0	0	3.397	2.171	0	0	1.069	1.066	3.2	0.982	0	0	0	0	0.466	0.462
PTN01	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	0	0	0
PTN02	1.936	1.433	0	0	0	0	0	0	0.37	0.359	3.662	2.121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTN03	0	0	0	0	0	0	0	0	0	0	9.097	4.432	2.843	2.888	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTN04	15.73	15.74	0	0	0	0	0	0	0	0	7.018	2.879	0	0	1.782	0.699	0	0	0	0	0	0	0	0	0	0	0	0
PTN05	0.182	0.182	0	0	0	0	0	0	0.545	0.411	0	0	0	0	0	0	0	0	0	0	0.181	0.184	0	0	0	0	0	0
PTN06	2.652	2.723	0	0	0	0	0	0	0	0	0	0	0	0	0.355	0.354	0	0	0	0	0	0	0	0	0	0	0	0
PTN07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.781	0.788	0	0	0	0	0	0	0	0	0	0	0	0
PTN08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.01	1.018	0	0	0.673	0.68	1.01	0.691	0	0	0.389	0.39	0	0
PTN09	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	0	0	0
PTN10	3.471	3.396	0.358	0.356	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.231	0.232	0	0
PTN11	1.294	0.959	0	0	0	0	0	0	1.908	1.432	2.642	1.277	0	0	3.229	2.01	0	0	0	0	0.294	0.295	0	0	0	0	0	0
PTN12	0.507	0.507	0	0	0.284	0.285	0.569	0.57	1.191	0.92	1.422	1.425	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTN13	0	0	0	0	0	0	0	0	0.725	0.727	0.469	0.493	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTN14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.518	1.52	0	0	0	0	0.152	0.152	0	0	0	0	0	0
PTN15	0	0	0	0	0	0	0	0	1.214	1.202	0	0	0	0	0.867	0.575	0	0	0	0	0.347	0.221	0	0	0	0	0	0
Total	25.77	16.43	0.358	0.356	0.284	0.285	0.569	0.57	5.953	2.273	24.31	6.028	2.843	2.888	9.542	2.992	0	0	0.673	0.68	1.984	0.819	0	0	0.62	0.454	0	0
PTS01	0	0	0.352	0.348	0	0	0	0	0.689	0.544	9.681	8.62	0	0	0.171	0.17	0	0	0	0	0	0	0	0	0	0	0	0
PTS02	0	0	0	0	0	0	0	0	0.175	0.176	1.298	1.308	0	0	0	0	0	0	0	0	0	0	0	0	0.175	0.176	0	0
PTS03	0	0	0	0	0	0	0.156	0.155	0.347	0.346	1.56	1.593	0	0	2.531	1.663	0	0	0	0	0.156	0.155	0	0	0.173	0.173	0	0
PTS04	0.672	0.687	0	0	0	0	0	0	0.173	0.173	0.677	0.526	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.346	0.346
PTS05	0	0	0	0	0	0	0	0	0.142	0.138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTS06	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	0	0.273	0.251
PTS07	2.02	2.054	0	0	0	0	0	0	0	0	0.504	0.409	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTS08	0	0	0	0	0	0	0	0	0	0	1.742	1.454	0	0	0.697	0.581	0	0	0	0	0	0	0	0	0	0	0	0
Total	2.692	2.165	0.352	0.348	0	0	0.156	0.155	1.526	0.704	15.46	9.006	0	0	3.399	1.77	0	0	0	0	0.156	0.155	0	0	0.348	0.247	0.619	0.428
CNB01	0	0	2.957	2.572	0.781	0.559	2.088	2.088	0.985	0.749	2.783	1.399	0	0	1.218	0.62	0	0	0	0	0.174	0.17	0	0	0	0	0	0
CNB02	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	0	0	0
CNB03	0	0	0	0	0	0	0	0	0.326	0.329	0.18	0.187	0	0	0.721	0.751	0	0	0	0	0	0	0	0	0	0	0	0
CNB04	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	0	0	0
CNB05	0	0	0	0	0	0	0	0	0	0	2.072	2.027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CNB06	0	0	0	0	0	0	0	0	0.714	0.691	1.255	1.224	0	0	0.238	0.243	0	0	0	0	0	0	0	0	0	0	0	0
CNB07	0	0	0	0	0	0	0	0	0	0	0.481	0.484	0	0	0.528	0.539	0	0	0	0	0.264	0.266	0	0	0	0	0	0
CNB08	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	0	0	0
CNB09	0	0	0	0	0	0	0	0	3.576	3.781	4.768	4.271	0	0	0	0	5.96	6.123	0	0	0	0	0	0	0	0	0	0
CNB10	0	0	0	0	0	0	0	0	0	0	0.247	0.249	0	0	0.099	0.1	0	0	0	0	0	0	0	0	0	0	0	0
CNB11	0	0	0	0	0	0	0	0	0.356	0.44	0.69	0.595	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CNB12	0	0	0	0	0	0	1.011	1.163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CNB13	2.433	2.385	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.562	4.604	0	0	0	0	0	0	0	0	0	0
CNB14	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	0	0	0
CNB15	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	0	0	0
CNB16	0	0	0	0	0	0	0	0	0.178	0.21	2.14	1.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CNB17	0	0	0	0	0	0	0.306	0.305	0	0	3.51	2.72	0	0	0.613	0.612	0	0	0	0	0.306	0.307	0	0	0.141	0.141	0	0
CNB18	0	0	0	0	0	0	0	0	0	0	0.175	0.176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CNB19	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	0	0	0
CNB20	0	0	0	0	0	0	0	0	1.332	1.076	4.661	2.405	0	0	0	0	0	0	0	0	0.133	0.13	0	0	0	0	0	0
CNB21	0	0	0	0	0	0	0	0	0	0	7.814	6.118	0	0	0	0	0	0	3.99	2.52	0.831	0.346	0	0	0	0	0	0
Total	2.433	2.385	2.957	2.572	0.781	0.559	3.405	2.409	7.467	4.103	30.78	9.005	0	0	3.417	1.297	10.52	7.66	3.99	2.52	1.708	0.575	0	0	0.141	0.141	0	0

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	scot		scau		buff		gold		ltdu		hard		undu		merg		mall		bloy		baea		stsl		seot		hase	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
AND01	11.01	8.093	0	0	0	0	0	0	0	0	3.001	2.767	0	0	0.4	0.406	0	0	0	0	0	0	0	0	0	0	0	0
AND02	0	0	0	0	0	0	0	0	0	0	1.074	1.244	0	0	0	0	0	0	0	0	0	0	0	0	1.074	0.576	0	0
AND03	3.904	0	0	0	0	0	0	0	2.602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AND04	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	0	0	0
AND05	0	0	0	0	0	0	0	0	0.333	0.397	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AND06	1.282	0.983	0	0	0	0	0	0	0.985	1.049	0.985	1.063	0	0	0.493	0.395	0	0	0	0	0	0	0	0	0	0	0	0
AND07	0	0	0	0	0	0	0	0	0	0	6.295	6.215	0	0	0	0	0	0	0	0	0.18	0.184	0	0	0	0	0	0
AND08	0	0	0	0	0	0	0	0	0	0	1.193	1.208	0	0	0	0	0	0	0	0	0.149	0.152	0	0	0	0	0	0
Total	16.19	8.153	0	0	0	0	0	0	3.92	1.122	12.55	7.101	0	0	0.893	0.567	0	0	0	0	0.329	0.239	0	0	1.074	0.576	0	0
UDE01	0.378	0.346	0	0	0	0	0	0	0	0	0	0	0	0	0.23	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE02	0	0	0	0	0	0	3.47	1.843	0	0	0	0	0	0	0.578	0.546	0	0	0	0	0	0	0	0	0	0	0	0
UDE03	0	0	0.899	0.985	0	0	0	0	0.675	0.632	1.574	1.615	0	0	0.162	0.161	0.323	0.321	0	0	0.225	0.214	0	0	0	0	0	0
UDE04	0	0	1.175	1.166	0	0	0	0	0	0	0.881	0.883	0	0	0	0	0	0	0	0	0.294	0.292	0	0	0	0	0	0
UDE05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.386	0.39	0	0	0	0	0	0
UDE06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.296	0.295	0	0	0	0	0	0
UDE07	1.81	1.756	0	0	0	0	0	0	0	0	0.603	0.585	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE08	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	0	0	0
UDE09	0	0	0	0	0	0	0	0	0	0	2.24	2.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE10	0.409	0.409	0	0	0	0	0	0	0	0	1.9	1.349	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.164	0.164	0	0
UDE12	0	0	0	0	0	0	0	0	0	0	5.797	4.879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE13	1.93	2.097	0	0	0	0	0.322	0.351	0.804	0.876	1.793	1.888	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE14	0.194	0.207	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	0
UDE15	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	0	0	0
UDE16	0	0	0	0	0	0	0	0	0.24	0.239	1.048	0.827	0	0	0	0	0	0	0	0	0	0	0	0	0.481	0.472	0	0
UDE17	0	0	0	0	0	0	0	0	0	0	0.937	0.664	1.071	1.033	0	0	0	0	0	0	0.451	0.344	0	0	0.317	0.316	0	0
UDE18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.485	0.482	0	0	0	0	0	0	0	0	0	0	0	0
UDE19	0	0	0.825	0.838	0	0	0	0	0	0	0	0	2.475	2.515	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE20	0	0	0	0	0	0	0.843	0.844	0	0	3.373	3.449	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.369	0.295	0	0
UDE22	0	0	0	0	0	0	0	0	1.423	1.473	3.379	2.492	0	0	0.356	0.379	0	0	0	0	0	0	0	0	0.118	0.126	0	0
UDE23	0	0	0	0	0	0	0	0	2.011	1.675	2.815	2.344	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDE24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.349	0.427	0	0
Total	4.721	2.795	2.899	1.742	0	0	4.635	2.057	5.153	2.49	26.34	7.916	3.546	2.719	1.811	0.837	0.323	0.321	0	0	1.652	0.699	0	0	1.798	0.797	0	0
UDW01	0.531	0.581	0	0	0	0	0.087	0.084	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDW02	0.431	0.434	0.431	0.434	0	0	0	0	0	0	1.106	1.161	0	0	0.861	0.574	0	0	0	0	0.215	0.221	0	0	1.327	1.392	2.153	2.156
UDW03	0	0	0	0	0	0	0	0	0.078	0.077	0	0	0	0	0.078	0.063	0	0	0	0	0	0	0	0	0.194	0.167	0	0
UDW04	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	0	0	0
UDW05	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	0	0	0
UDW07	0	0	0	0	0	0	0.938	0.779	0	0	1.926	1.918	0	0	0.193	0.192	0	0	0	0	0	0	0	0	0	0	0	0
UDW08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.457	0.395	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.962	0.725	0.431	0.434	0	0	1.025	0.784	0.078	0.077	3.032	2.242	0	0	1.589	0.725	0	0	0	0	0.215	0.221	0	0	1.521	1.402	2.153	2.156
NGE01	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	0	0	0
NGE02	0	0	0	0	1.228	1.145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGE03	0.539	0.522	0	0	0.539	0.582	0.269	0.268	1.885	1.339	2.423	1.813	0	0	1.077	0.727	0	0	0	0	0	0	0	0	0	0	0	0
NGE04	0	0	0	0	0	0	0	0	0	0	0	0	1.542	1.475	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGE05	0	0	0	0	0.003	0	0	0	0	0	1.283	1.189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGE06	0	0	0.24	0.241	0	0	0	0	0.256	0.259	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGE07	2.848	2.244	0.342	0.336	0	0	0.134	0.13	0.911	0.465	1.205	0.58	0	0	0.535	0.544	0	0	0	0	0	0	0	0	0	0	0	0
Total	3.387	2.304	0.582	0.414	1.77	1.285	0.403	0.298	3.052	1.44	4.911	2.245	1.542	1.475	1.612	0.908	0	0	0	0	0	0	0	0	0	0	0	0
NGW01	0	0	0	0	0	0	0	0	2.972	2.845	11.67	6.295	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGW02	2.006	1.946	0	0	0	0	0	0	0.62	0.641	3.72	2.283	0	0	0	0	0	0	0	0	0.155	0.158	0	0	0	0	0	0
NGW03	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	0	0	0
NGW04	0	0	0	0	0	0	0	0	2.338	1.304	3.18	1.718	0	0	0.318	0.321	0	0	0	0	0.318	0.318	0	0	0	0	0	0
NGW05	1.158	1.149	5.789	5.724	0	0	1.158	1.149	0	0	4.052	2.994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGW06	0.582	0.583	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	0
NGW07	8.983	8.994	0	0	0	0	0	0	0.898	0.898	0.35	0.352	0	0	0.709	0.493	0	0	0	0	0.18	0.179	0	0	0	0	0	0
NGW08	0	0	0.324	0.329	0	0	0	0	0	0	2.107	1.28	5.024	4.066	0.324	0.327	0	0	0	0	0.162	0.164	0	0	0	0	0	0
NGW09	0	0	0	0	0	0	0.701	0.599	1.052	0.899	1.519	1.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGW10	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	0	0	0
NGW11	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	0	0	0
NGW12	0	0	0	0	0	0	0	0	0.343	0.342	1.542	1.003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.169	0.17
NGW13	0	0	0	0	0.29	0.292	0.87	0.877	0	0	0.58	0.574	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGW14	0	0	0.489	0.463	0	0	3.666	3.585	0	0	1.222	1.195	0	0	0.489	0.463	0	0	0	0	0	0	0	0	0	0	0	0
NGW15	0	0	0	0	0	0	1.273	1.388	0	0	0	0	0	0	4.136	3.824	5.727	2.832	0	0	0	0	0	0	0	0	0	0
NGW16	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	0	0	0
Total	12.73	9.292	6.602	5.752	0.29	0.292	7.668	4.151	8.223	3.455	29.94	7.895	5.024	4.066	5.976	3.91	5.727	2.832	0	0	0.815	0.43	0	0	0	0	0.169	0.17
KPF01	0.812	0.813	0	0	0	0	0	0	0.257	0.257	0.257	0.257	0	0	0	0	0	0	0	0	1.284	0.616	0	0	0	0	0	0
KPF02	0	0	0	0	0	0	0	0	0.157	0.155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KPF03	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	0	0	0
KPF04	1.491	1.492	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.746	0.467	0	0	0	0	0	0
KPF05	0	0	0	0	0	0	0	0	0.919	0.908	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KPF07	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	0	0	0
KPF08	0.155	0.155	0	0	0	0	0	0	0.155	0.155	4.177	3.492	0	0	0	0	0	0	0	0	0.237	0.237	0	0	0	0	0	0
KPF09	0	0	0	0	0	0	0	0	0.234	0.228	0.319	0.324	0	0	0	0	0	0	0	0	0.467	0.469	0	0	0	0	0	0
KPF10	0	0	0	0	0	0	0	0	0	0	0.346	0.345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KPF11	0.97	0.661	0	0	0	0	0	0	0	0	0.458	0.458	0	0	0	0	0	0	0	0	1.373	0.506	13.73	13.66	0.809	0.539	0	0
KPF12	0	0	0	0	0	0	0	0	0	0	1.511	1.514	0	0	0	0	0	0	0	0	1.133	0.927	58.56	25.56	0	0	0.143	0.141
KPF13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.835	0.336	0	0	0	0	0	0
KPF14	0	0	0	0	0	0	0	0	0.147	0.148	0	0	0	0	0	0	0	0	0	0	0.345	0.345	0	0	0	0	0	0
KPF15	0	0	0	0	0	0	0	0	0	0	0.78	0.777	1.56	1.553	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KPF16	0.588	0.584	0	0	0	0	0	0	0	0	1.371	1.37	0	0	0	0	0	0	0	0	0.392	0.245	0	0	0	0	0	0
KPF17	0	0	0	0	0	0	0	0	0	0	2.718	1.997	0	0	0	0	0	0	0	0	1.049	0.272	0	0	0	0	0	0
Total	4.016	1.921	0	0	0	0	0	0	1.869	1.006	11.94	4.632	1.56	1.553	0	0	0	0	0	0	7.861	1.535	72.29	28.98	0.809	0.539	0.143	0.141

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	scot		scau		buff		gold		ltdu		hard		undu		merg		mall		bloy		baea		stsl		seot		hase	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
SKN01	0.339	0.318	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.169	0.173
SKN02	2.832	2.84	0	0	0	0	0	0	0	0	1.51	1.515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN03	1.062	0.673	0	0	0	0	0.324	0.324	0.324	0.329	6.295	2.152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN04	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	0	0	0
SKN05	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	0	0	0
SKN06	0	0	0	0	0.469	0.469	0	0	0	0	0.234	0.232	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN07	1.63	1.594	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	0
SKN08	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	0	0	0
SKN09	0	0	0	0	0	0	0	0	0.168	0.167	0.814	0.815	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKN12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.232	0.228	0	0
SKN13	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	0	0	0
SKN15	1.04	0.724	0	0	0.934	0.934	0	0	1.454	1.067	2.37	1.105	0	0	0.311	0.311	0	0	0	0	0	0	0	0	0.311	0.313	0.467	0.324
Total	6.903	3.419	0	0	1.403	1.045	0.324	0.324	1.946	1.129	11.22	2.977	0	0	0.311	0.311	0	0	0	0	0	0	0	0	0.543	0.387	0.636	0.367
SKS01	0	0	0.539	0.541	0.381	0.386	0	0	1.884	1.577	6.438	5.825	0	0	0.381	0.375	0	0	0	0	0.953	0.475	0	0	0	0	0	0
SKS02	0.292	0.293	0	0	0	0	0	0	1.022	1.011	0	0	9.448	9.094	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS03	0	0	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS04	0	0	0	0	0	0	0	0	0	0	1.968	1.909	0	0	0	0	0.644	0.65	0	0	0	0	0	0	0	0	0	0
SKS05	0	0	0	0	0	0	0	0	0	0	0.231	0.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS06	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	0	0	0
SKS08	0	0	0	0	0	0	0.733	0.784	0	0	0.733	0.784	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS09	0	0	0	0	0	0	0	0	0	0	0.811	0.883	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS10	0	0	0.187	0.184	0	0	0	0	2.659	1.64	0.562	0.557	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS11	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	0	0	0
SKS12	0	0	0	0	0	0	0	0	0.83	0.636	5.478	3.754	0	0	0.304	0.332	0	0	0	0	0	0	0	0	0	0	0	0
SKS13	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	0	0	0
SKS14	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	0	0	0
SKS15	0	0	0	0	0	0	0	0	0.673	0.787	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS16	0.447	0.421	0	0	0	0	0	0	0.274	0.261	6.088	3.463	0	0	0.056	0.055	0.167	0.173	0	0	0	0	0	0	0	0	0	0
SKS17	0	0	0	0	0	0	0	0	0	0	1.085	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKS18	0.184	0.179	0.368	0.367	0	0	0	0	0.584	0.582	5.694	3.64	0.292	0.292	2.022	1.796	0	0	0	0	0.368	0.374	0	0	0	0	0	0
Total	0.923	0.543	1.094	0.68	0.381	0.386	0.733	0.784	8.126	2.77	29.09	8.937	9.74	9.099	2.763	1.865	0.811	0.672	0	0	1.321	0.605	0	0	0	0	0	0
SPR01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.71	2.42	0.301	0.305	0.168	0.167	0.301	0.297	0	0
SPR02	0	0	0	0	0	0	0	0	1.769	1.782	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPR03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.413	0.41	0	0	0	0	0.413	0.412	0	0
SPR04	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	0	0	0
SPR05	0	0	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPR06	0	0	0	0	0	0	0	0	0	0	0	0	35.32	35.78	0	0	0	0	2.472	2.448	0.177	0.179	0	0	0	0	0	0
SPR08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.209	0.21	0	0	0	0	0	0	0	0
SPR09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.652	0.449	0	0	0.401	0.395	0	0
SPR10	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	0	0	0
SPR11	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	0	0	0
SPR12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.182	0.182	0	0	0	0	0	0
SPR13	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	0	0	0
SPR14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.279	0.283	0.154	0.158	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1.939	1.79	0	0	35.32	35.78	0	0	0	0	6.083	3.484	1.466	0.62	0.168	0.167	1.115	0.643	0	0
PMN01	0	0	0	0	0	0	0	0	0	0	2.856	2.116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN02	0	0	0	0	0	0	0	0	0	0	1.811	1.838	0	0	0.397	0.389	0	0	1.207	1.221	0	0	0	0	0	0	0	0
PMN03	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	0	0	0
PMN04	0	0	0	0	0	0	0	0	3.393	2.099	5.729	3.021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN05	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	0	0	0
PMN06	6.904	5.118	0	0	0	0	0	0	0	0	1.699	1.673	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN07	7.15	6.907	0	0	0	0	0	0	1.073	0.727	1.032	0.728	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN08	0	0	0	0	0	0	0.805	0.572	4.991	3.988	4.439	3.164	0	0	0	0	0	0	0	0	0.199	0.2	0	0	0	0	0	0
PMN09	0	0	0	0	0	0	0	0	1.37	1.37	0.889	0.887	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN10	0	0	0	0	0	0	0	0	0	0	0.429	0.43	0	0	0	0	0	0	0	0	0.215	0.214	0	0	0	0	0	0
PMN11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.16	0.161	0	0	0	0	0	0
PMN12	0	0	0	0	2.782	2.798	0	0	0	0	2.226	1.851	0	0	0	0	0	0	0	0	0.371	0.23	0	0	0	0	0	0
PMN13	3.777	3.715	0	0	0	0	0	0	0	0	2.833	2.786	2.833	2.786	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN14	0	0	0	0	0	0	0	0	0.708	0.691	2.123	1.677	4.245	4.133	0	0	0	0	0	0	0	0	0	0	0	0	2.123	2.13
PMN15	0	0	0	0	0	0	0	0	0	0	6.735	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN16	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	0	0	0
PMN17	0	0	0	0	0	0	0	0	1.08	1.051	2.127	1.731	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN18	0	0	0	0	0	0	0	0	0.228	0.235	0.91	0.851	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN19	1.024	0.736	0	0	0	0	0	0	0	0	2.622	2.316	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN22	0.286	0.277	0	0	0	0	0	0	0.286	0.277	0.74	0.54	0	0	0	0	0	0	0	0	0.143	0.141	0	0	0.31	0.31	0	0
PMN23	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	0	0	0
PMN24	0	0	0	0	0	0	0	0	0.757	0.539	1.035	0.987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMN25	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	0	0	0
PMN26	0.722	0.72	0	0	0	0	0	0	0.542	0.543	3.44	1.826	0	0	0	0	0	0	0	0	0.722	0.378	0	0	0.37	0.37	0	0
PMN27	0.321	0.324	1.607	1.604	0	0	0	0	0	0	0.321	0.324	0	0	0.348	0.344	0	0	0	0	0.161	0.161	0	0	0	0	0	0
PMN28	0	0	0	0	0	0	0	0	0	0	1.122	0.814	3.15	3.08	0	0	0	0	0	0	0.42	0.272	13.65	7.097	0	0	0	0
Total	20.18	9.431	1.607	1.604	2.782	2.798	0.805	0.572	14.43	5.001	45.12	9.979	10.23	5.86	0.745	0.519	0	0	1.207	1.221	2.391	0.654	13.65	7.097	0.68	0.483	2.123	2.13
PME01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.675	0.66	0	0	0	0	0	0	0	0	0	0	0	0
PME05	0	0	0	0	0	0	0.95	0.968	0.95	0.936	2.613	2.574	0	0	1.9	1.899	1.188	1.196	0	0	0	0	0	0	0	0	0	0
PME06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.156	1.82	0	0	0	0	0	0	0	0	0	0	0	0
PME07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.008	2.518	0	0	0	0	0	0	0	0	0	0	0	0
PME09	0	0	0	0	0	0	0	0	0	0	13.63	13.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PME10	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	0	0	0
PME12	2.039	1.953	0	0	0	0	0	0	0	0	3.204	2.299	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PME13	3.035	2.794	0	0	0.19	0.192	0	0	0	0	1.138	1.125	0	0	1.138	1.129	0	0	0	0	0.19	0.192	0	0	0	0	1.138	1.142
PME14	0	0	0	0	0	0	0	0	36.65	36.31	0.727	0.724	0	0	0	0	0	0	0	0	0	0	0	0	0.278	0.277	0	0
PME15	4.143	4.233	3.777	2.998	0.169	0.167	0	0	0.307	0.23	1.029	0.782	0	0	0	0	0	0	0	0	0	0	0	0	0.138	0.122	0	0
PME16	2.113	1.856	0	0	0	0	1.152	1.122	0.218	0.219	0.768	0.816	0	0	0.384	0.389	0	0	0	0	0	0	0	0	0	0	0	0
PME17	0	0	0	0	0	0	0	0	3.438	3.182	8.153	5.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PME18	0	0	0	0	0	0	0	0	0	0	0.754	0.765	0	0	0	0	0	0	0	0	0.165	0.164	0	0	0	0	0	0
PME19	0	0	0	0	0.215	0.212	0	0	2.207	2.205	1.104	1.106	0	0	0.184	0.184	0	0	0	0	0.215	0.212	0	0	0	0	0	0
PME20	1.619	1.497	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	0
Total	12.95	5.935	3.777	2.998	0.574	0.332	2.102	1.482	43.77	36.53	33.12	15.11	0	0	9.445	3.893	1.188	1.196	0	0	0.57	0.33	0	0	0.416	0.303	1.138	1.142

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	scot		scau		buff		gold		ltdu		hard		undu		merg		mall		bloy		baea		stsl		seot		hase	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
PMS01	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	0	0	0
PMS02	0	0	0	0	0	0	0	0	0	0	0.584	0.576	0	0	0.146	0.145	0	0	0	0	0	0	0	0	0	0	0	0
PMS03	0.291	0.293	0	0	0	0	0	0	0.57	0.571	1.139	1.125	0	0	0	0	0	0	0	0	0.146	0.145	0	0	0	0	0	0
PMS04	0	0	0	0	0	0	0.765	0.771	0	0	1.724	1.723	0	0	0	0	0	0	0	0	0.498	0.268	0	0	0	0	0	0
PMS05	7.326	5.175	0	0	0	0	0	0	0	0	3.538	2.548	2.374	2.375	0	0	0	0	0	0	0.317	0.205	0	0	0	0	0	0
PMS06	3.402	2.21	0	0	0	0	0	0	1.134	0.819	3.439	1.779	0	0	1.333	0.873	0	0	0	0	0.148	0.148	0	0	0.162	0.161	0	0
PMS07	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	0	0	0
PMS08	2.546	2.605	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.159	0.155	0	0	0	0	0	0
PMS09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.155	0.158	0	0
PMS10	0.346	0.332	0	0	0	0	0	0	0.457	0.448	0.519	0.515	0.692	0.688	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMS11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.051	0.045	0	0	0	0	0	0	0	0	0	0	0	0
PMS12	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	0	0	0
PMS13	0	0	0	0	0	0	0	0	0.19	0.184	0.76	0.744	0	0	0.656	0.373	0	0	0	0	0	0	0	0	0	0	0	0
PMS14	0	0	0	0	0	0	0	0	0.214	0.207	2.565	2.568	0	0	1.924	1.926	0	0	0	0	0	0	0	0	0	0	0	0
PMS15	0	0	0	0	0.798	0.769	1.197	1.154	1.996	2.017	0	0	0	0	1.197	1.206	3.592	3.631	0	0	0	0	0	0	0	0	0	0
PMS16	0	0	0	0	0	0	0	0	0.233	0.243	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMS17	0	0	0	0	0	0	1.513	1.237	0	0	0	0	0	0	2.27	1.856	0	0	0	0	0	0	0	0	0	0	0	0
PMS19	0	0	0	0	0.479	0.386	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMS20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.211	0.21	0	0	0	0	0	0	0	0	0	0	0	0
PMS21	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	0	0	0
Total	13.91	6.217	0	0	1.277	0.861	3.475	1.86	4.794	2.324	14.27	4.651	3.066	2.472	7.788	3.095	3.592	3.631	0	0	1.268	0.425	0	0	0.317	0.226	0	0
MCB01	0	0	0	0	0	0	0	0	0	0	1.707	1.679	0	0	0.19	0.192	0	0	0	0	0.19	0.184	0	0	0	0	0	0
MCB02	0	0	0	0	0	0	0	0	1.646	1.656	0	0	0	0	0	0	0	0	0	0	0.791	0.784	0	0	0	0	0	0
MCB03	0	0	0	0	0	0	0	0	0.522	0.543	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCB04	0	0	0	0	1.553	1.495	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCB05	30.67	30.95	0	0	0	0	0	0	1.227	0.75	0	0	0	0	5.112	5.158	0	0	0	0	0.124	0.13	0	0	0	0	0	0
MCB06	0	0	0	0	0	0	0	0	1.93	1.889	0.699	0.525	0	0	0.552	0.416	0	0	0	0	0	0	0	0	0	0	0	0
MCB07	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	0	0	0
MCB08	0	0	0	0	0	0	6.171	5.653	0	0	0	0	0	0	1.234	1.125	8.022	4.841	0	0	0.309	0.378	0	0	0	0	0	0
MCB09	0	0	0	0	0	0	0	0	0.169	0.164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCB10	0	0	0	0	0	0	0	0	0	0	2.035	1.554	0.313	0.303	0.178	0.179	0	0	0	0	0	0	0	0	0	0	0	0
MCB11	0.81	0.756	0	0	0	0	0	0	0.608	0.625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCB12	0.781	0.787	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	0
MCB13	1.199	1.21	0	0	0	0	0	0	0	0	0.46	0.458	0	0	0.767	0.507	0	0	0	0	0	0	0	0	0	0	0	0
MCB14	0	0	0	0	0	0	0	0	0.462	0.313	0.991	0.598	0	0	0	0	0	0	0.154	0.152	0.33	0.207	0	0	0	0	0	0
MCB15	0	0	0	0	0	0	0	0	1.264	0.82	2.109	1.721	0	0	0.764	0.767	0	0	0.382	0.383	0.127	0.13	0	0	0	0	0	0
Total	33.46	30.99	0	0	1.553	1.495	6.171	5.653	7.828	2.891	8.001	3.007	0.313	0.303	8.797	5.381	8.022	4.841	0.536	0.412	1.871	0.932	0	0	0	0	0	0
KSB01	0	0	0	0	0	0	0	0	2.818	1.817	0	0	0	0	0	0	0	0	0	0	0.37	0.377	0	0	0	0	0	0
KSB02	0.97	0.972	0	0	0	0	0	0	0.181	0.182	0.323	0.324	6.468	6.482	0	0	0	0	0	0	0.162	0.158	0	0	0	0	0	0
KSB03	0	0	0	0	0	0	0	0	3.027	2.54	2.392	2.391	0	0	0	0	0	0	5.027	4.931	0.168	0.164	0	0	0	0	0	0
KSB04	0	0	0	0	0	0	0	0	0	0	2.321	2.273	0	0	0.309	0.3	0	0	0	0	0	0	0	0	0.309	0.3	0	0
KSB05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.202	0.205	0	0	0	0	0	0
KSB06	0	0	0	0	0	0	0	0	0	0	1.013	0.796	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KSB08	0	0	0	0	0	0	0	0	0.644	0.694	0	0	0	0	1.611	1.313	0	0	0	0	0	0	0	0	0	0	0	0
KSB10	1.832	1.269	0	0	0	0	0.148	0.145	0.705	0.729	0	0	0	0	2.796	1.962	0	0	0	0	0	0	0	0	0	0	0	0
KSB11	0	0	0	0	0	0	0	0	0	0	0.548	0.528	0	0	1.01	0.719	0	0	0	0	0	0	0	0	0	0	0	0
KSB12	1.26	1.268	0.28	0.285	0	0	0	0	1.876	1.114	2.7	1.356	0	0	0	0	0	0	0	0	0.159	0.155	0	0	0	0	0	0
KSB13	0.83	0.832	0	0	0	0	0	0	4.124	2.649	1.079	0.686	0	0	0	0	0	0	0	0	0.194	0.184	0	0	0	0	0	0
KSB14	0	0	0	0	0	0	0	0	0.568	0.578	2.129	2.118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KSB15	0	0	0	0	0.53	0.525	0	0	0.53	0.525	1.774	1.462	0	0	0	0	0	0	2.218	2.193	0.148	0.152	0	0	0	0	0	0
Total	4.892	2.204	0.28	0.285	0.53	0.525	0.148	0.145	14.47	4.435	14.28	4.564	6.468	6.482	5.726	2.486	0	0	7.245	5.397	1.403	0.563	0	0	0.309	0.3	0	0
BCK01	0	0	0	0	0	0	0	0	0	0	4.9	4.646	0	0	0	0	0	0	0	0	0.615	0.421	0	0	0	0	0	0
BCK02	0	0	0	0	0	0	0	0	0	0	0.353	0.354	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BCK03	0	0	0	0	0	0	0	0	0	0	0.618	0.606	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BCK04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.619	0.62	0	0	0	0	0	0	0	0
BCK05	0	0	0	0	0	0	0	0	0	0	0.311	0.31	0	0	0	0	0	0	0	0	0.777	0.303	0	0	0	0	0	0
BCK06	0	0	0	0	0	0	0	0	0	0	0	0	2.229	2.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BCK07	7.865	8.12	0	0	0	0	0	0	0.197	0.195	7.71	4.163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BCK08	0	0	0	0	0	0	0	0	0.666	0.655	0	0	0	0	0	0	0	0	0	0	0.084	0.084	0	0	0	0	0	0
BCK09	0	0	0	0	0.343	0.338	1.028	1.012	5.469	3.854	1.028	1.012	0	0	1.713	1.097	0	0	0	0	0	0	0	0	0	0	0	0
BCK10	0	0	0	0	0	0	0.72	0.462	1.679	1.454	1.439	0.884	0	0	0.24	0.207	0	0	0	0	0	0	0	0	0.24	0.221	0	0
BCK11	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	0	0	0
BCK14	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	0	0	0
Total	7.865	8.12	0	0	0.343	0.338	1.748	1.112	8.011	4.175	16.36	6.428	2.229	2.23	1.953	1.117	0	0	0.619	0.62	1.476	0.525	0	0	0.24	0.221	0	0

Table 17. SCAT shoreline segment estimated population indices and standard errors in nearshore habitat adding together inshore and outshore zones.

sppn	scot		scau		buff		gold		ltdu		hard		undu		merg		mall		bloy		baea		stsl		seot		hase	
SCAT segment	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
KMK01	0	0	0	0	0	0	0	0	0.153	0.152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK02	1.144	0.999	0	0	0	0	0	0	2.166	2.198	0	0	4.575	3.996	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK03	0	0	0	0	0	0	0	0	0	0	0.657	0.699	0	0	0	0	0	0	0	0	0	0	0	0	0.219	0.232	0	0
KMK04	2.855	2.924	0	0	0	0	0	0	7.659	4.981	4.282	4.149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK05	1.26	1.276	0	0	0	0	0	0	0.315	0.313	0.945	0.467	9.474	9.461	0.758	0.76	0.379	0.375	0	0	0	0	0	0	0	0	0	0
KMK06	0	0	0	0	0	0	0	0	12.52	6.968	11.07	4.796	0	0	1.067	0.858	0	0	0	0	0	0	0	0	0	0	0	0
KMK07	1.847	1.532	7.264	6.936	0	0	8.716	6.747	1.293	0.805	0.369	0.395	12.11	11.72	4.556	2.316	0	0	0	0	0	0	0	0	0	0	0	0
KMK08	0	0	0	0	0	0	0.276	0.13	0.044	0.055	0	0	0	0	0.022	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK09	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	0	0	0
KMK10	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	0	0	0
KMK11	0	0	0	0	0	0	0	0	0	0	4.317	4.665	0	0	0.432	0.427	0	0	0	0	0	0	0	0	0	0	0	0
KMK12	0.224	0.226	0	0	0	0	0	0	0.299	0.212	2.425	2.048	0	0	2.283	2.096	0.224	0.212	0	0	0	0	0	0	0	0	0	0
KMK13	0.008	0	0.007	0	0	0	0.793	0.807	1.597	1.614	2.382	2.422	0	0	1.983	1.607	0	0	0	0	0	0	0	0	0	0	0	0
KMK14	0.181	0.187	0	0	0	0	0	0	0.181	0.187	2.539	1.811	0	0	0	0	0	0	0	0	0.268	0.19	0	0	0.544	0.479	0	0
KMK15	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0.152	0	0	0	0	0.409	0.406	0.613	0.415	0	0	0	0	0	0
KMK16	1.607	1.556	0	0	0.345	0.348	0.247	0.243	1.483	1.052	3.384	2.13	0	0	4.829	4.272	0.69	0.687	0	0	0	0	0	0	0	0	0	0
KMK17	0.323	0.313	0	0	0.463	0.386	0	0	0.323	0.318	1.075	1.122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50.03	12.68	0	0	0	0	0	0	0	0	0	0
KMK19	0	0	0	0	0	0	0.438	0.352	0.072	0.084	0.144	0.118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK20	3.656	3.775	1.515	1.182	0	0	0	0	4.81	3.496	4.171	2.516	0	0	1.034	0.748	0	0	0	0	0	0	0	0	0	0	0	0
KMK21	0.138	0.138	0.276	0.277	0	0	0	0	0	0	8.027	8.1	0	0	0.803	0.856	0	0	0	0	0	0	0	0	0	0	0	0
KMK22	0	0	0	0	0	0	0	0	0.559	0.559	0	0	0	0	0	0	0	0	0	0	0.274	0.277	0	0	0	0	0	0
KMK23	0.553	0.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.371	0.348	0	0	0	0	0	0
KMK24	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	0	0	0
KMK25	0	0	0	0	0	0	0	0	0	0	1.843	1.758	0	0	0	0	0	0	0	0	0.614	0.602	0	0	0	0	0	0
KMK26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.679	0.685	0	0	0	0	0	0
KMK27	0	0	0	0	0	0	0	0	0	0	0.412	0.377	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMK28	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	0	0	0
KMK29	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	0	0	0
KMK30	0	0	0.436	0.464	0	0	0	0	0.436	0.445	0.218	0.226	0	0	0	0	0	0	0	0	0.313	0.333	0	0	0	0	0	0
KMK31	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	0	0	0
KMK32	0	0	0	0	0	0	0	0	0	0	1.448	1.443	0	0	0	0	0	0	0	0	0.241	0.237	0	0	0	0	1.448	1.436
KMK33	0	0	0	0	0	0	0	0	0	0	0	0	1.92	1.77	0	0	0.384	0.4	0	0	0	0	0	0	0	0	0	0
Total	13.8	5.541	9.498	7.057	0.808	0.52	10.47	6.81	33.91	9.778	49.71	12.62	28.23	15.69	17.77	5.777	51.7	12.71	0.409	0.406	3.373	1.185	0	0	0.763	0.532	1.448	1.436
ALM01	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	0	0	0
ALM02	0	0	0	0	0	0	0	0	0.136	0.138	0	0	0	0	0	0	0	0	0	0	0.558	0.39	0	0	0.136	0.138	0	0
ALM03	0	0	0	0	0	0	0	0	0	0	1.01	0.661	0	0	0	0	0	0	0	0	0	0	0	0	0.715	0.719	0	0
ALM04	0	0	0	0	0	0	0	0	0	0	0.379	0.382	0	0	0	0	0	0	0	0	0.25	0.253	0	0	1.01	0.676	0	0
ALM05	0	0	0	0	0	0	0	0	1.18	1.032	0.801	0.807	0	0	0	0	0	0	0	0	0.32	0.319	0	0	0	0	0	0
ALM06	0.249	0.253	0	0	0	0	0.34	0.335	8.168	3.574	3.012	2.005	0	0	0	0	0	0	0	0	0.17	0.167	0	0	0	0	0	0
ALM07	0	0	0	0	0	0	0	0	1.08	1.046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALM08	0	0	0	0	0	0	0	0	0.547	0.699	0	0	0	0	1.053	0.606	0	0	0	0	0	0	0	0	0	0	0	0
ALM09	5.332	5.141	0	0	0	0	0	0	2.239	2.264	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALM10	2.737	2.737	0	0	0	0	0	0	1.095	1.095	0.684	0.635	0	0	5.474	3.877	0	0	0	0	0	0	0	0	0	0	0	0
ALM11	19.14	16.01	0.342	0.349	0.279	0.297	0	0	0.393	0.298	1.47	1.093	2.792	2.746	0.419	0.412	0	0	0	0	0	0	0	0	0	0	0	0
ALM12	0.798	0.802	0	0	0	0	0	0	0.798	0.392	0.532	0.539	0	0	0.932	0.93	0	0	0.777	0.712	0	0	0	0	0	0	0	0
ALM13	0	0	0	0	0	0	1.033	1.038	1.162	1.164	11.51	6.307	1.181	1.164	0.443	0.437	0	0	0.738	0.744	0	0	0	0	0	0	0	0
ALM14	0.668	0.669	0	0	0	0	0	0	0.745	0.745	1.413	1.009	0.621	0.62	0	0	0	0	0.534	0.526	0	0	0	0	0	0	0	0
ALM15	0	0	0	0	0	0	0	0	0	0	0.935	0.654	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALM16	0	0	0	0	0	0	0	0	0.422	0.411	0	0	0	0	0.211	0.207	0	0	0	0	0	0	0	0	0	0	0	0
ALM17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.241	0.249	0	0
ALM18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.278	0.274	0	0	0	0	0	0
ALM19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.222	0.253	0	0	0	0	0	0
ALM20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.176	0.205	0	0	0	0	0	0
ALM21	0	0	0	0	0	0	0	0	0	0	0.24	0.251	0	0	0	0	0	0	0	0	0.12	0.122	0	0	0	0	0	0
ALM22	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	0	0	0
ALM23	1.881	1.775	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	0
Total	30.81	17.16	0.342	0.349	0.279	0.297	1.373	1.091	17.97	4.908	21.99	6.959	4.594	3.046	8.532	4.083	0	0	2.049	1.156	2.094	0.736	0	0	2.102	1.027	0	0
ASP01	0	0	0.883	0.903	0	0	0	0	0	0	0	0	7.924	5.757	0	0	0	0	0	0	0	0	0	0	0	0	2.207	1.045
ASP02	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	0	0	0
ASP03	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	0	0	0
ASP04	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	0	0	0
ASP05	0	0	0	0	0	0	0	0	4.003	2.628	0.892	0.892	0	0	0	0	0	0	0	0	0.149	0.148	0	0	0	0	0	0
ASP06	0	0	0	0	0	0	0	0	0	0	0.3	0.295	0	0	0	0	0	0	0	0	0.1	0.105	0	0	0	0	0.6	0.495
ASP07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.321	0.319	0	0
ASP08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.11	0.114	0	0	0	0	0	0
ASP09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.168	0.164	0	0	0	0	0	0
ASP10	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	0	0	0
ASP11	0	0	0.813	0.82	0	0	0	0	0.542	0.547	5.847	3.506	5.229	5.295	0	0	0	0	0	0	0	0	0	0	0.174	0.173	0	0
ASP12	0	0	0	0	0	0	0	0	0.465	0.475	0.695	0.389	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASP13	0.237	0.232	0	0	0	0	0	0	0.593	0.313	3.603	3.155	0	0	0.469	0.326	0	0	0.313	0.311	0	0	0	0	0	0	0	0
ASP14	0	0	0	0	0	0	0	0	0.898	0.64	0	0	0	0	0.599	0.404	0.44	0.432	0	0	0	0	0	0	0.22	0.253	0	0
ASP15	0.133	0.138	0	0	0	0	0	0	0	0	0	0	0	0	0.053	0.055	0	0	0	0	0	0	0	0	0	0	0	0
ASP16	6.041	5.1	0	0	0.239	0.251	0.208	0.21	2.414	1.434	3.958	2.541	3.586	3.591	0.208	0.21	0	0	0	0	0	0	0	0	0	0	0	0
ASP17	0.286	0.313	0	0	0	0	0	0	0.651	0.4	2.055	1.392	0	0	0	0	4.292	4.268	0	0	0	0	0	0	0	0	0	0
ASP18	0.489	0.484	0	0	0.275	0.274	0	0	0.275	0.277	0.963	0.814	0	0	0	0	0	0	0	0	0.275	0.182	0	0	0	0	0	0
Total	7.186	5.139	1.696	1.219	0.514	0.371	0.208	0.21	9.841	3.199	18.31	5.686	16.74	8.606	1.329	0.562	4.732	4.29	0.313	0.311	0.802	0.326	0	0	0.715	0.443	2.807	1.156
RMP	5.703	5.548	0	0	0.323	0.318	0	0	4.985	2.268	5.355	2.407	9.69	9.691	0	0	0	0	2.907	2.344	1.269	0.507	0	0	0.761	0.555	0	0
Total	5.703	5.548	0	0	0.323	0.318	0	0	4.985	2.268	5.355	2.407	9.69	9.691	0	0	0	0	2.907	2.344	1.269	0.507	0	0	0.761	0.555	0	0

Table 18. Population indices and standard errors in nearshore habitat stratified by SCAT shoreline operational divisions adding together inshore and outshore zones.

	1		2		3		4		5		6		7		8		9		10		11		12		13	
	VLC		**MKS**		**HMP**		**PTN**		**PTS**		**CNB**		**AND**		**UDE**		**UDW**		**NGE**		**NGW**		**KPF**		**SKN**	
	Volcano Bay		Makushin Bay		Humpback Bay		Portage Bay North		Portage Bay South		Cannery Bay		Anderson Point		Udinak Cove East		Udinak Cove West		Naginak Cove East		Naginak Cove West		Kof Point		Skan Bay North	
sppn	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop
total	**107.6**	17.9	**347.6**	41.5	**103.4**	17.3	**392.0**	46.3	**102.2**	20.1	**159.9**	20.3	**143.9**	23.4	**147.4**	22.2	**85.9**	30.0	**70.7**	14.3	**360.7**	**65.3**	**254.6**	39.4	**67.2**	7.2
murre	6.2	3.5	9.5	2.7	4.6	2.0	5.5	1.8	1.2	0.7	4.8	2.4	3.1	0.9	11.7	4.7	0.9	0.6	1.7	0.7	8.4	2.0	3.2	1.4	3.9	1.7
alclg	1.8	1.8	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
puff	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
pigu	0.3	0.3	0.6	0.4	0.6	0.5	0.5	0.3	0.2	0.2	0.6	0.4	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.6	0.8	0.4	0.2	0.2	0.5	0.5
alcsm	4.0	2.7	1.7	1.1	1.0	0.7	0.4	0.3	0.0	0.0	1.2	0.8	0.5	0.4	0.1	0.1	0.0	0.0	1.4	1.1	2.7	1.4	0.5	0.4	1.6	1.3
murrl	0.6	0.6	0.0	0.0	0.4	0.3	0.2	0.2	0.0	0.0	0.3	0.3	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
corm	38.8	14.7	**128.7**	22.8	8.2	2.4	35.6	9.5	4.9	1.7	23.8	7.4	22.0	3.8	3.3	1.3	5.5	4.3	7.9	2.7	17.2	4.7	**56.6**	13.8	25.6	3.8
nofu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ftsp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
laal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
gwgu	6.6	1.6	10.7	2.7	7.7	3.5	2.8	0.8	1.0	0.7	8.3	3.3	2.4	1.5	3.8	1.0	2.4	0.9	0.5	0.3	10.7	3.4	30.0	8.1	4.0	1.2
megu	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
loon	0.1	0.1	2.0	1.1	0.5	0.3	0.9	0.4	0.4	0.3	0.8	0.6	0.1	0.1	1.0	0.5	0.0	0.0	0.8	0.5	0.7	0.4	1.1	0.5	0.2	0.2
yblo	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rngr	0.0	0.0	0.0	0.0	0.6	0.4	0.4	0.4	0.2	0.2	0.3	0.3	0.0	0.0	0.6	0.4	0.2	0.2	0.0	0.0	0.5	0.3	0.9	0.6	0.3	0.2
emgo	7.5	5.7	10.2	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**154.9**	**60.2**	33.5	20.2	0.0	0.0
stei	1.5	1.5	12.9	4.7	3.4	2.3	21.0	10.5	2.8	2.3	2.4	2.4	8.5	8.1	3.2	2.0	0.1	0.1	1.1	0.9	2.2	2.1	4.2	3.6	0.0	0.0
coei	0.6	0.6	0.5	0.3	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.2	0.6	0.6	0.0	0.0
kiei	0.4	0.4	0.4	0.4	0.2	0.2	0.9	0.7	0.0	0.0	0.3	0.2	1.0	1.1	1.5	1.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.0	0.0
blsc	17.2	5.9	**106.7**	26.8	40.9	13.2	**223.8**	37.3	**65.5**	15.0	47.1	9.7	**66.1**	13.0	**67.7**	17.4	**65.6**	27.9	38.4	12.8	**74.6**	20.0	23.2	9.1	7.9	2.9
wwsc	0.7	0.6	10.1	6.4	6.5	5.1	24.6	8.5	1.4	1.1	1.8	1.2	4.7	2.4	0.5	0.5	0.0	0.0	0.7	0.4	4.4	3.5	0.0	0.0	0.0	0.0
susc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scot	1.2	0.9	3.5	2.1	3.7	2.3	25.8	16.4	2.7	2.2	2.4	2.4	16.2	8.2	4.7	2.8	1.0	0.7	3.4	2.3	12.7	9.3	4.0	1.9	6.9	3.4
scau	0.2	0.2	0.6	0.5	0.0	0.0	0.4	0.4	0.4	0.3	3.0	2.6	0.0	0.0	2.9	1.7	0.4	0.4	0.6	0.4	6.6	5.8	0.0	0.0	0.0	0.0
buff	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.3	0.3	0.3	0.0	0.0	1.4	1.0
gold	0.3	0.3	0.5	0.5	3.4	2.2	0.6	0.6	0.2	0.2	3.4	2.4	0.0	0.0	4.6	2.1	1.0	0.8	0.4	0.3	7.7	4.2	0.0	0.0	0.3	0.3
ltdu	3.8	2.2	9.8	4.3	6.2	3.0	6.0	2.3	1.5	0.7	7.5	4.1	3.9	1.1	5.2	2.5	0.1	0.1	3.1	1.4	8.2	3.5	1.9	1.0	1.9	1.1
hard	13.8	5.8	22.8	9.6	6.0	2.3	24.3	6.0	15.5	9.0	30.8	9.0	12.5	7.1	26.3	7.9	3.0	2.2	4.9	2.2	29.9	7.9	11.9	4.6	11.2	3.0
undu	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	3.5	2.7	0.0	0.0	1.5	1.5	5.0	4.1	1.6	1.6	0.0	0.0
come	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rbme	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
merg	0.0	0.0	8.4	2.7	3.4	2.2	9.5	3.0	3.4	1.8	3.4	1.3	0.9	0.6	1.8	0.8	1.6	0.7	1.6	0.9	6.0	3.9	0.0	0.0	0.3	0.3
gadw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mall	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	7.7	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	5.7	2.8	0.0	0.0	0.0	0.0
agwt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
bloy	0.0	0.0	0.0	0.0	1.1	1.1	0.7	0.7	0.0	0.0	4.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ussb	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
baea	1.9	0.7	1.6	0.6	3.2	1.0	2.0	0.8	0.2	0.2	1.7	0.6	0.3	0.2	1.7	0.7	0.2	0.2	0.0	0.0	0.8	0.4	7.9	1.5	0.0	0.0
cora	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
stsl	0.0	0.0	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**72.3**	29.0	0.0	0.0
seot	0.1	0.1	1.7	0.8	0.0	0.0	0.6	0.5	0.3	0.2	0.1	0.1	1.1	0.6	1.8	0.8	1.5	1.4	0.0	0.0	0.0	0.0	0.8	0.5	0.5	0.4
hase	0.0	0.0	2.5	2.3	0.5	0.5	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0	0.2	0.2	0.1	0.1	0.6	0.4

Table 18 continued. Population indices and standard errors in nearshore habitat stratified by SCAT shoreline operational divisions adding together inshore and outshore zones.

	14		15		16		17		18		19		20		21		22		23		24		25				
	SKS		**SPR**		**PMN**		**PME**		**PMS**		**MCB**		**KSB**		**BCK**		**KMK**		**ALM**		**ASP**		**RMP**				
	Skan Bay South		Spray Cape		Pumicestone Bay North		Pumicestone Bay East		Pumicestone Bay South		McIper Bight		Kashega Bay		Buck Bight		Kismaliuk Bay		Alimuda Bay		Aspid Bay		Ram Point		Total		
sppn	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	Pop Index	SE pop	CV
total	**206.9**	**69.1**	**236.4**	**76.5**	**551.2**	**79.2**	**201.4**	44.7	**299.1**	**53.1**	**207.6**	42.5	**175.7**	29.4	**220.5**	34.4	**735.1**	**85.3**	**408.7**	**67.6**	**246.2**	30.4	**229.8**	42.7	**6061.8**	**231.2**	0.0
murre	5.0	2.4	0.8	0.5	11.2	4.1	16.6	6.4	4.6	2.2	1.6	0.9	4.2	2.0	0.8	0.7	3.2	1.5	2.6	1.2	4.4	2.1	0.1	0.1	**119.8**	12.2	0.1
alclg	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.0	0.6
puff	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.2	0.2	0.0	0.0	0.0	0.0	1.6	1.0	0.6
pigu	0.5	0.3	0.2	0.2	0.5	0.4	0.5	0.5	0.3	0.3	0.7	0.6	0.4	0.3	0.0	0.0	1.0	0.4	0.5	0.4	1.0	0.6	0.0	0.0	10.5	1.8	0.2
alcsm	1.5	1.2	0.0	0.0	2.2	1.7	2.9	2.0	2.6	1.7	0.9	0.7	0.2	0.2	5.2	3.8	3.3	2.2	0.8	0.6	0.5	0.5	0.3	0.3	35.5	6.8	0.2
murrl	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.3	0.3	0.3	0.3	0.0	0.0	3.2	1.0	0.3
corm	20.5	7.9	12.6	4.2	**78.3**	16.9	26.5	9.6	31.6	7.7	**50.2**	12.0	19.5	5.0	26.4	8.2	**168.0**	35.9	**95.8**	22.8	**73.7**	11.8	**51.4**	17.6	**1032.5**	**64.6**	0.1
nofu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.3	1.0
ftsp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
laal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
gwgu	5.8	1.9	**82.4**	39.2	11.2	2.5	4.3	2.1	11.3	2.4	8.3	1.5	1.6	0.7	19.8	6.0	13.4	2.5	13.2	2.5	16.5	3.2	18.6	5.0	**297.3**	42.0	0.1
megu	0.0	0.0	0.6	0.6	0.0	0.0	0.7	0.7	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.0	0.5
loon	1.6	0.6	0.0	0.0	0.8	0.4	0.0	0.0	0.3	0.2	0.5	0.4	0.5	0.3	0.2	0.2	3.0	1.0	1.1	0.6	0.4	0.2	0.4	0.3	17.4	2.3	0.1
yblo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.3	0.2	0.7
rngr	1.1	0.8	0.0	0.0	0.3	0.3	0.2	0.2	4.0	2.4	0.2	0.2	0.3	0.2	0.0	0.0	0.3	0.3	1.7	0.6	0.5	0.3	0.6	0.4	13.3	2.9	0.2
emgo	**80.9**	**66.5**	**88.6**	**62.5**	**150.1**	**63.4**	6.0	4.2	**118.0**	45.0	12.9	7.8	32.7	21.1	**59.2**	24.4	**209.2**	**78.6**	**102.4**	**52.9**	37.8	20.0	**89.2**	42.5	**1193.3**	**175.5**	0.1
stei	1.6	1.1	0.0	0.0	**51.3**	18.5	4.7	3.4	12.5	8.9	7.1	3.9	3.4	2.3	40.8	17.1	23.3	9.2	9.1	9.3	13.1	5.4	6.1	3.6	**236.2**	34.6	0.1
coei	0.0	0.0	0.0	0.0	12.7	13.0	0.2	0.2	0.0	0.0	5.3	5.2	0.0	0.0	10.7	7.4	9.7	9.5	15.5	7.9	9.9	8.2	15.7	9.5	**82.2**	23.7	0.3
kiei	1.8	1.7	0.3	0.3	1.0	1.0	0.3	0.3	0.0	0.0	0.6	0.3	0.3	0.3	0.0	0.0	0.2	0.2	0.5	0.5	0.5	0.5	0.8	0.8	11.5	3.0	0.3
blsc	26.0	7.1	2.7	1.4	**90.6**	22.0	27.7	12.6	**50.5**	14.9	32.2	9.8	**53.2**	12.6	13.5	4.3	**65.3**	13.0	**70.7**	15.5	21.7	5.7	15.4	4.3	**1314.1**	**78.8**	0.1
wwsc	5.5	4.7	1.9	1.9	24.3	8.5	1.4	1.4	9.4	5.0	9.9	4.0	3.4	1.6	2.3	1.6	6.8	3.1	1.2	0.7	0.8	0.5	0.0	0.0	**122.2**	17.8	0.1
susc	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.7
scot	0.9	0.5	0.0	0.0	20.2	9.4	12.9	5.9	13.9	6.2	33.5	31.0	4.9	2.2	7.9	8.1	13.8	5.5	30.8	17.2	7.2	5.1	5.7	5.5	**239.8**	45.3	0.2
scau	1.1	0.7	0.0	0.0	1.6	1.6	3.8	3.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	9.5	7.1	0.3	0.3	1.7	1.2	0.0	0.0	33.2	10.3	0.3
buff	0.4	0.4	0.0	0.0	2.8	2.8	0.6	0.3	1.3	0.9	1.6	1.5	0.5	0.5	0.3	0.3	0.8	0.5	0.3	0.3	0.5	0.4	0.3	0.3	13.9	3.9	0.3
gold	0.7	0.8	0.0	0.0	0.8	0.6	2.1	1.5	3.5	1.9	6.2	5.7	0.1	0.1	1.7	1.1	10.5	6.8	1.4	1.1	0.2	0.2	0.0	0.0	49.6	11.0	0.2
ltdu	8.1	2.8	1.9	1.8	14.4	5.0	43.8	36.5	4.8	2.3	7.8	2.9	14.5	4.4	8.0	4.2	33.9	9.8	18.0	4.9	9.8	3.2	5.0	2.3	**229.0**	40.4	0.2
hard	29.1	8.9	0.0	0.0	45.1	10.0	33.1	15.1	14.3	4.7	8.0	3.0	14.3	4.6	16.4	6.4	49.7	12.6	22.0	7.0	18.3	5.7	5.4	2.4	**468.6**	35.9	0.1
undu	9.7	9.1	35.3	35.8	10.2	5.9	0.0	0.0	3.1	2.5	0.3	0.3	6.5	6.5	2.2	2.2	28.2	15.7	4.6	3.0	16.7	8.6	9.7	9.7	**141.1**	43.7	0.3
come	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.0	0.6
rbme	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	3.7	0.6	0.4	0.0	0.0	0.0	0.0	6.5	3.7	0.6
merg	2.8	1.9	0.0	0.0	0.7	0.5	9.4	3.9	7.8	3.1	8.8	5.4	5.7	2.5	2.0	1.1	17.8	5.8	8.5	4.1	1.3	0.6	0.0	0.0	**105.2**	12.6	0.1
gadw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mall	0.8	0.7	0.0	0.0	0.0	0.0	1.2	1.2	3.6	3.6	8.0	4.8	0.0	0.0	0.0	0.0	**51.7**	12.7	0.0	0.0	4.7	4.3	0.0	0.0	**86.6**	16.9	0.2
agwt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.0
bloy	0.0	0.0	6.1	3.5	1.2	1.2	0.0	0.0	0.0	0.0	0.5	0.4	7.2	5.4	0.6	0.6	0.4	0.4	2.0	1.2	0.3	0.3	2.9	2.3	27.1	7.6	0.3
ussb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.1	0.7
baea	1.3	0.6	1.5	0.6	2.4	0.7	0.6	0.3	1.3	0.4	1.9	0.9	1.4	0.6	1.5	0.5	3.4	1.2	2.1	0.7	0.8	0.3	1.3	0.5	40.8	3.3	0.1
cora	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.6	0.5
stsl	0.0	0.0	0.2	0.2	13.7	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**87.0**	29.8	0.3
seot	0.0	0.0	1.1	0.6	0.7	0.5	0.4	0.3	0.3	0.2	0.0	0.0	0.3	0.3	0.2	0.2	0.8	0.5	2.1	1.0	0.7	0.4	0.8	0.6	16.1	2.7	0.2
hase	0.0	0.0	0.0	0.0	2.1	2.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	2.8	1.2	0.0	0.0	14.2	4.4	0.3

Table 19. Total population indices and estimated density of birds per km2 of nearshore water habitat for each species (>10 birds) for each of the SCAT operational divisic

Population index (average estimated number of birds seen

Seq	OpDiv	OpDiv Name	nearshore area km2	nrep segs	observed km2	total	murre	alclg	puff	pigu	alcsm	murrl	corm	nofu	ftsp	laal	gwgu	megu	loon	yblo	rngr	emgo	stei	coei	kiei	blsc	wwsc	scot	scau	buff	gold	ltdu	hard	undu	merg	mall	bloy	baea	stsl	seot	hase
1	**VLC**	Volcano Bay	4.176	110	23.210	107.6	6.2	1.8	0.0	0.3	4.0	0.6	38.8	0.0	0.0	0.0	6.6	0.0	0.1	0.0	0.0	7.5	1.5	0.6	0.4	17.2	0.7	1.2	0.2	0.0	0.3	3.8	13.8	0.0	0.0	0.0	0.0	1.9	0.0	0.1	0.0
2	**MKS**	Makushin Bay	7.498	182	35.340	347.6	9.5	0.7	0.2	0.6	1.7	0.0	128.7	0.0	0.0	0.0	10.7	0.3	2.0	0.0	0.0	10.2	12.9	0.5	0.4	106.7	10.1	3.5	0.6	0.0	0.5	9.8	22.8	0.0	8.4	0.0	0.0	1.6	0.9	1.7	2.5
3	**HMP**	Humpback Bay	3.468	140	19.755	103.4	4.6	0.0	0.0	0.6	1.0	0.4	8.2	0.0	0.0	0.0	7.7	0.0	0.5	0.2	0.6	0.0	3.4	0.6	0.2	40.9	6.5	3.7	0.0	0.0	3.4	6.2	6.0	0.0	3.4	0.0	1.1	3.2	0.0	0.0	0.5
4	**PTN**	Portage Bay North	4.537	186	26.058	392.0	5.5	0.0	0.0	0.5	0.4	0.2	35.6	0.0	0.0	0.0	2.8	0.0	0.9	0.0	0.4	0.0	21.0	0.0	0.9	223.8	24.6	25.8	0.4	0.3	0.6	6.0	24.3	2.8	9.5	0.0	0.7	2.0	0.0	0.6	0.0
5	**PTS**	Portage Bay South	2.168	88	12.261	102.2	1.2	0.0	0.0	0.2	0.0	0.0	4.9	0.0	0.0	0.0	1.0	0.0	0.4	0.0	0.2	0.0	2.8	0.0	0.0	65.5	1.4	2.7	0.4	0.0	0.2	1.5	15.5	0.0	3.4	0.0	0.0	0.2	0.0	0.3	0.6
6	**CNB**	Cannery Bay	5.438	230	30.946	159.9	4.8	0.0	0.0	0.6	1.2	0.3	23.8	0.0	0.0	0.0	8.3	0.0	0.8	0.0	0.3	0.0	2.4	0.0	0.3	47.1	1.8	2.4	3.0	0.8	3.4	7.5	30.8	0.0	3.4	10.5	4.0	1.7	0.0	0.1	0.0
7	**AND**	Anderson Point	3.549	79	13.779	143.9	3.1	0.0	0.0	0.0	0.5	0.4	22.0	0.0	0.0	0.0	2.4	0.0	0.1	0.0	0.0	0.0	8.5	0.0	1.0	66.1	4.7	16.2	0.0	0.0	0.0	3.9	12.5	0.0	0.9	0.0	0.0	0.3	0.0	1.1	0.0
8	**UDE**	Udinak Cove East	5.674	299	26.060	147.4	11.7	0.0	0.0	0.0	0.1	0.0	3.3	0.0	0.0	0.0	3.8	0.0	1.0	0.0	0.6	0.0	3.2	0.0	1.5	67.7	0.5	4.7	2.9	0.0	4.6	5.2	26.3	3.5	1.8	0.3	0.0	1.7	0.0	1.8	0.0
9	**UDW**	Udinak Cove West	2.862	64	13.071	85.9	0.9	0.0	0.0	0.2	0.0	0.0	5.5	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	65.6	0.0	1.0	0.4	0.0	1.0	0.1	3.0	0.0	1.6	0.0	0.0	0.2	0.0	1.5	2.2
10	**NGE**	Naginak Cove East	1.770	67	12.286	70.7	1.7	0.0	0.0	0.6	1.4	0.1	7.9	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.0	0.0	1.1	0.3	0.0	38.4	0.7	3.4	0.6	1.8	0.4	3.1	4.9	1.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0
11	**NGW**	Naginak Cove West	4.830	189	29.807	360.7	8.4	0.0	0.0	0.8	2.7	0.0	17.2	0.0	0.0	0.0	10.7	0.0	0.7	0.0	0.5	154.9	2.2	0.2	0.2	74.6	4.4	12.7	6.6	0.3	7.7	8.2	29.9	5.0	6.0	5.7	0.0	0.8	0.0	0.0	0.2
12	**KPF**	Kof Point	7.535	206	41.414	254.6	3.2	0.0	0.0	0.2	0.5	0.0	56.6	0.0	0.0	0.0	30.0	0.0	1.1	0.0	0.9	33.5	4.2	0.6	0.2	23.2	0.0	4.0	0.0	0.0	0.0	1.9	11.9	1.6	0.0	0.0	0.0	7.9	72.3	0.8	0.1
13	**SKN**	Skan Bay North	4.625	163	27.938	67.2	3.9	0.0	0.0	0.5	1.6	0.0	25.6	0.0	0.0	0.0	4.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	0.0	7.9	0.0	6.9	0.0	1.4	0.3	1.9	11.2	0.0	0.3	0.0	0.0	0.0	0.0	0.5	0.6
14	**SKS**	Skan Bay South	4.777	187	26.573	206.9	5.0	0.0	0.0	0.5	1.5	0.0	20.5	0.0	0.0	0.0	5.8	0.0	1.6	0.0	1.1	80.9	1.6	0.0	1.8	26.0	5.5	0.9	1.1	0.4	0.7	8.1	29.1	9.7	2.8	0.8	0.0	1.3	0.0	0.0	0.0
15	**SPR**	Spray Cape	2.848	181	15.048	236.4	0.8	0.0	0.0	0.2	0.0	0.0	12.6	0.0	0.0	0.0	82.4	0.6	0.0	0.0	0.0	88.6	0.0	0.0	0.3	2.7	1.9	0.0	0.0	0.0	0.0	1.9	0.0	35.3	0.0	0.0	6.1	1.5	0.2	1.1	0.0
16	**PMN**	Pumicestone Bay North	6.641	329	31.793	551.2	11.2	0.2	0.7	0.5	2.2	0.0	78.3	0.0	0.0	0.0	11.2	0.0	0.8	0.0	0.3	150.1	51.3	12.7	1.0	90.6	24.3	20.2	1.6	2.8	0.8	14.4	45.1	10.2	0.7	0.0	1.2	2.4	13.7	0.7	2.1
17	**PME**	Pumicestone Bay East	4.017	199	23.502	201.4	16.6	0.0	0.0	0.5	2.9	0.3	26.5	0.0	0.0	0.0	4.3	0.7	0.0	0.0	0.2	6.0	4.7	0.2	0.3	27.7	1.4	12.9	3.8	0.6	2.1	43.8	33.1	0.0	9.4	1.2	0.0	0.6	0.0	0.4	1.1
18	**PMS**	Pumicestone Bay South	6.776	228	43.806	299.1	4.6	0.0	0.0	0.3	2.6	0.0	31.6	0.0	0.0	0.0	11.3	0.2	0.3	0.0	4.0	118.0	12.5	0.0	0.0	50.5	9.4	13.9	0.0	1.3	3.5	4.8	14.3	3.1	7.8	3.6	0.0	1.3	0.0	0.3	0.0
19	**MCB**	McIper Bight	2.939	186	17.039	207.6	1.6	0.0	0.0	0.7	0.9	0.0	50.2	0.0	0.0	0.0	8.3	0.0	0.5	0.0	0.2	12.9	7.1	5.3	0.6	32.2	9.9	33.5	0.0	1.6	6.2	7.8	8.0	0.3	8.8	8.0	0.5	1.9	0.0	0.0	0.0
20	**KSB**	Kashega Bay	2.565	168	15.540	175.7	4.2	0.0	0.0	0.4	0.2	0.0	19.5	0.0	0.0	0.0	1.6	0.0	0.5	0.0	0.3	32.7	3.4	0.0	0.3	53.2	3.4	4.9	0.3	0.5	0.1	14.5	14.3	6.5	5.7	0.0	7.2	1.4	0.0	0.3	0.0
21	**BCK**	Buck Bight	4.030	128	19.246	220.5	0.8	0.4	0.0	0.0	5.2	0.0	26.4	0.0	0.0	0.0	19.8	0.2	0.2	0.0	0.0	59.2	40.8	10.7	0.0	13.5	2.3	7.9	0.0	0.3	1.7	8.0	16.4	2.2	2.0	0.0	0.6	1.5	0.0	0.2	0.0
22	**KMK**	Kismaliuk Bay	8.454	369	42.492	735.1	3.2	0.0	0.7	1.0	3.3	0.4	168.0	0.0	0.0	0.0	13.4	0.0	3.0	0.0	0.3	209.2	23.3	9.7	0.2	65.3	6.8	13.8	9.5	0.8	10.5	33.9	49.7	28.2	17.8	51.7	0.4	3.4	0.0	0.8	1.4
23	**ALM**	Alimuda Bay	5.948	316	40.498	408.7	2.6	0.0	0.2	0.5	0.8	0.3	95.8	0.3	0.0	0.0	13.2	0.0	1.1	0.2	1.7	102.4	9.1	15.5	0.5	70.7	1.2	30.8	0.3	0.3	1.4	18.0	22.0	4.6	8.5	0.0	2.0	2.1	0.0	2.1	0.0
24	**ASP**	Aspid Bay	5.258	247	36.291	246.2	4.4	0.0	0.0	1.0	0.5	0.3	73.7	0.0	0.0	0.0	16.5	0.0	0.4	0.0	0.5	37.8	13.1	9.9	0.5	21.7	0.8	7.2	1.7	0.5	0.2	9.8	18.3	16.7	1.3	4.7	0.3	0.8	0.0	0.7	2.8
25	**RMP**	Ram Point	3.937	15	26.335	229.8	0.1	0.0	0.0	0.0	0.3	0.0	51.4	0.0	0.0	0.0	18.6	0.0	0.4	0.0	0.6	89.2	6.1	15.7	0.8	15.4	0.0	5.7	0.0	0.3	0.0	5.0	5.4	9.7	0.0	0.0	2.9	1.3	0.0	0.8	0.0
			116.320	4556	650.088	6061.8	119.8	3.1	1.6	10.5	35.5	3.2	1032.5	0.3	0.0	0.0	297.3	2.1	17.4	0.3	13.3	1193.3	236.2	82.2	11.5	1314.1	122.2	239.8	33.2	13.9	49.6	229.0	468.6	141.1	105.2	86.6	27.1	40.8	87.0	16.1	14.2

Density of birds per km2 of nearshore wate

Seq	OpDiv	OpDiv Name	total	murre	alclg	puff	pigu	alcsm	murrl	corm	nofu	lesp	laal	gwgu	megu	loon	yblo	rngr	emgo	stei	coei	kiei	blsc	wwsc	scot	scau	buff	gold	ltdu	hard	undu	merg	mall	bloy	baea	stsl	seot	hase
1	**VLC**	Volcano Bay	25.78	1.49	0.44	0.00	0.08	0.96	0.14	9.30	0.00	0.00	0.00	1.57	0.00	0.03	0.00	0.00	1.80	0.36	0.14	0.10	4.13	0.16	0.28	0.04	0.00	0.08	0.90	**3.30**	0.00	0.00	0.00	0.00	0.46	0.00	0.03	0.00
2	**MKS**	Makushin Bay	46.35	1.26	0.09	0.02	0.08	0.22	0.00	**17.16**	0.00	0.00	0.00	1.42	0.04	**0.27**	0.00	0.00	1.37	1.72	0.06	0.06	14.23	1.35	0.47	0.08	0.00	0.07	1.30	**3.04**	0.00	1.12	0.00	0.00	0.22	0.12	0.22	0.33
3	**HMP**	Humpback Bay	29.82	1.32	0.00	0.00	0.17	0.30	0.11	2.37	0.00	0.00	0.00	2.23	0.00	0.16	0.05	0.17	0.00	0.98	0.16	0.06	11.79	1.87	1.06	0.00	0.00	0.98	1.79	1.72	0.00	0.98	0.00	0.31	**0.92**	0.00	0.00	0.13
4	**PTN**	Portage Bay North	**86.41**	1.20	0.00	0.00	0.11	0.10	0.04	7.84	0.00	0.00	0.00	0.63	0.00	0.19	0.00	0.10	0.00	**4.62**	0.00	0.20	**49.33**	**5.43**	**5.68**	0.08	0.06	0.13	1.31	**5.36**	0.63	2.10	0.00	0.15	0.44	0.00	0.14	0.00
5	**PTS**	Portage Bay South	47.14	0.56	0.00	0.00	0.08	0.00	0.00	2.26	0.00	0.00	0.00	0.47	0.00	0.16	0.00	0.08	0.00	1.29	0.00	0.00	**30.21**	0.64	1.24	0.16	0.00	0.07	0.70	**7.13**	0.00	1.57	0.00	0.00	0.07	0.00	0.16	0.29
6	**CNB**	Cannery Bay	29.40	0.87	0.00	0.00	0.11	0.22	0.05	4.37	0.00	0.00	0.00	1.53	0.00	0.16	0.00	0.05	0.00	0.44	0.00	0.05	8.67	0.33	0.45	0.54	0.14	0.63	1.37	**5.66**	0.00	0.63	1.93	0.73	0.31	0.00	0.03	0.00
7	**AND**	Anderson Point	40.54	0.88	0.00	0.00	0.00	0.15	0.12	6.20	0.00	0.00	0.00	0.68	0.00	0.03	0.00	0.00	0.00	2.38	0.00	0.28	**18.64**	1.33	**4.56**	0.00	0.00	0.00	1.10	**3.54**	0.00	0.25	0.00	0.00	0.09	0.00	0.30	0.00
8	**UDE**	Udinak Cove East	25.98	2.07	0.00	0.00	0.00	0.02	0.00	0.58	0.00	0.00	0.00	0.66	0.00	0.17	0.00	0.11	0.00	0.57	0.00	0.27	11.94	0.09	0.83	0.51	0.00	0.82	0.91	4.64	0.62	0.32	0.06	0.00	0.29	0.00	0.32	0.00
9	**UDW**	Udinak Cove West	30.01	0.31	0.00	0.00	0.06	0.00	0.00	1.94	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.08	0.00	0.03	0.00	0.00	**22.92**	0.00	0.34	0.15	0.00	0.36	0.03	1.06	0.00	0.56	0.00	0.00	0.08	0.00	0.53	0.75
10	**NGE**	Naginak Cove East	39.96	0.96	0.00	0.00	0.35	0.80	0.06	4.48	0.00	0.00	0.00	0.29	0.00	**0.43**	0.00	0.00	0.00	0.61	0.15	0.00	**21.70**	0.38	1.91	0.33	1.00	0.23	1.72	2.77	0.87	0.91	0.00	0.00	0.00	0.00	0.00	0.00
11	**NGW**	Naginak Cove West	**74.69**	1.74	0.00	0.00	0.16	0.56	0.00	3.56	0.00	0.00	0.00	2.22	0.00	0.15	0.00	0.10	**32.08**	0.46	0.03	0.05	15.44	0.90	2.64	1.37	0.06	1.59	1.70	**6.20**	1.04	1.24	1.19	0.00	0.17	0.00	0.00	0.03
12	**KPF**	Kof Point	33.78	0.43	0.00	0.00	0.02	0.06	0.00	7.51	0.00	0.00	0.00	**3.98**	0.00	0.14	0.00	0.12	4.45	0.56	0.08	0.02	3.08	0.00	0.53	0.00	0.00	0.00	0.25	1.58	0.21	0.00	0.00	0.00	**1.04**	**9.59**	0.11	0.02
13	**SKN**	Skan Bay North	14.54	0.84	0.00	0.00	0.10	0.34	0.00	5.53	0.00	0.00	0.00	0.85	0.00	0.04	0.00	0.06	0.00	0.00	0.00	0.00	1.70	0.00	1.49	0.00	0.30	0.07	0.42	2.43	0.00	0.07	0.00	0.00	0.00	0.00	0.12	0.14
14	**SKS**	Skan Bay South	43.32	1.04	0.00	0.00	0.10	0.32	0.01	4.28	0.00	0.00	0.00	1.21	0.01	**0.34**	0.00	0.24	**16.93**	0.34	0.00	0.37	5.44	1.15	0.19	0.23	0.08	0.15	1.70	**6.09**	2.04	0.58	0.17	0.00	0.28	0.00	0.00	0.00
15	**SPR**	Spray Cape	**83.00**	0.27	0.00	0.00	0.05	0.00	0.00	4.43	0.00	0.00	0.00	**28.94**	0.23	0.00	0.00	0.00	**31.12**	0.00	0.00	0.10	0.93	0.68	0.00	0.00	0.00	0.00	0.68	0.00	**12.40**	0.00	0.00	**2.14**	0.51	0.06	0.39	0.00
16	**PMN**	Pumicestone Bay North	**83.00**	1.68	0.03	0.10	0.08	0.33	0.00	**11.79**	0.00	0.00	0.00	1.68	0.00	0.12	0.00	0.05	**22.60**	**7.73**	1.91	0.16	13.64	**3.65**	3.04	0.24	0.42	0.12	2.17	**6.79**	1.54	0.11	0.00	0.18	0.36	**2.06**	0.10	0.32
17	**PME**	Pumicestone Bay East	**50.15**	**4.14**	0.00	0.00	0.12	0.72	0.08	6.59	0.00	0.00	0.00	1.07	0.17	0.00	0.00	0.04	1.50	1.17	0.04	0.08	6.90	0.36	3.22	0.94	0.14	0.52	**10.90**	**8.24**	0.00	**2.35**	0.30	0.00	0.14	0.00	0.10	0.28
18	**PMS**	Pumicestone Bay South	44.14	0.68	0.00	0.00	0.04	0.39	0.00	4.66	0.00	0.00	0.00	1.67	0.02	0.04	0.00	0.59	**17.41**	1.84	0.00	0.00	7.46	1.39	2.05	0.00	0.19	0.51	0.71	2.11	0.45	1.15	0.53	0.00	0.19	0.00	0.05	0.00
19	**MCB**	McIper Bight	**70.64**	0.53	0.00	0.00	0.25	0.32	0.00	**17.07**	0.00	0.00	0.00	2.81	0.00	0.18	0.00	0.07	4.40	2.41	1.80	0.20	10.95	**3.36**	**11.39**	0.00	0.53	**2.10**	2.66	2.72	0.11	**2.99**	**2.73**	0.18	**0.64**	0.00	0.00	0.00
20	**KSB**	Kashega Bay	**68.48**	1.63	0.00	0.00	0.14	0.07	0.00	7.61	0.00	0.00	0.00	0.62	0.00	0.18	0.00	0.12	12.73	1.33	0.00	0.12	**20.72**	1.32	1.91	0.11	0.21	0.06	**5.64**	**5.57**	**2.52**	**2.23**	0.00	**2.82**	0.55	0.00	0.12	0.00
21	**BCK**	Buck Bight	**54.72**	0.21	0.09	0.00	0.00	1.28	0.00	6.56	0.00	0.00	0.00	**4.91**	0.06	0.04	0.00	0.00	14.69	**10.14**	**2.65**	0.00	3.35	0.58	1.95	0.00	0.09	0.43	1.99	**4.06**	0.55	0.48	0.00	0.15	0.37	0.00	0.06	0.00
22	**KMK**	Kismaliuk Bay	**86.96**	0.38	0.00	0.08	0.12	0.39	0.04	**19.87**	0.00	0.00	0.00	1.59	0.00	**0.35**	0.00	0.04	**24.75**	2.76	1.14	0.02	7.72	0.81	1.63	1.12	0.10	1.24	**4.01**	**5.88**	**3.34**	**2.10**	**6.12**	0.05	0.40	0.00	0.09	0.17
23	**ALM**	Alimuda Bay	**68.71**	0.44	0.00	0.03	0.09	0.14	0.05	**16.10**	0.04	0.00	0.00	2.21	0.00	0.18	0.03	0.28	**17.22**	1.53	**2.60**	0.08	11.89	0.19	**5.18**	0.06	0.05	0.23	3.02	**3.70**	0.77	1.43	0.00	0.34	0.35	0.00	0.35	0.00
24	**ASP**	Aspid Bay	46.82	0.84	0.00	0.00	0.18	0.09	0.05	**14.01**	0.00	0.00	0.00	3.13	0.00	0.08	0.00	0.10	7.19	2.49	1.89	0.09	4.13	0.15	1.37	0.32	0.10	0.04	1.87	**3.48**	**3.18**	0.25	0.90	0.06	0.15	0.00	0.14	0.53
25	**RMP**	Ram Point	**58.36**	0.04	0.00	0.00	0.00	0.07	0.00	**13.06**	0.00	0.00	0.00	**4.73**	0.00	0.11	0.00	0.16	**22.66**	1.56	**3.97**	0.21	3.91	0.00	1.45	0.00	0.08	0.00	1.27	1.36	**2.46**	0.00	0.00	0.74	0.32	0.00	0.19	0.00
			52.11	1.03	0.03	0.01	0.09	0.31	0.03	8.88	0.00	0.00	0.00	2.56	0.02	0.15	0.00	0.11	10.26	2.03	0.71	0.10	11.30	1.05	2.06	0.29	0.12	0.43	1.97	4.03	1.21	0.90	0.74	0.23	0.35	0.75	0.14	0.12

Table 20. Comparision of 3 different estimates of the total population index for each species in the SCAT region (inshore and outshore zones combined) as based on ESI segments pooled, the sum of ESI segments estimated individually, and the sum of all SCAT shoreline segments estimated individually. The difference and % difference for each species was calculated in comparsion to the ESI segment stratified estimate.

	all ESI segments pooled, add classes				ESI segment estimates, add classes				SCAT segment polygons							
	inshore	outshore	sum		inshore	outshore	sum		inshore	outshore	sum					
sum obsvd km2	341.12	323.64	664.75		341.12	323.64	664.75		316.73	333.35	650.09					
sum total alloc200 km2	59.25	59.25	118.50		59.25	59.25	118.50		63.73	52.59	116.32		SCAT polys - ESI segs		Pooled- ESI segs	
sppn	sumobs	**Pop**	SE pop	CV	sumobs	**Pop**	SE pop	CV	sumobs	**Pop**	SE pop	CV	difference	%bias	difference	%bias
total	35768	**6329.0**	256.0	0.040	35768	**6942.7**	377.1	0.054	33389	**6061.8**	231.2	0.038	-880.9	-12.7%	-613.8	-8.8%
murre	727	**130.7**	14.7	0.113	727	**129.1**	15.4	0.119	728	**119.8**	12.2	0.102	-9.3	-7.2%	1.6	1.2%
alclg	17	**3.0**	2.0	0.655	17	**3.1**	2.0	0.636	17	**3.1**	2.0	0.634	0.0	-0.7%	-0.1	-3.3%
puff	7	**1.2**	0.8	0.673	7	**1.1**	0.6	0.538	7	**1.6**	1.0	0.607	0.5	45.3%	0.1	9.7%
pigu	72	**12.9**	2.1	0.159	72	**12.3**	2.0	0.163	64	**10.5**	1.8	0.168	-1.8	-14.9%	0.5	4.4%
alcsm	259	**46.5**	8.2	0.177	259	**45.8**	8.5	0.185	226	**35.5**	6.8	0.192	-10.2	-22.4%	0.7	1.6%
murrl	23	**4.2**	1.3	0.318	23	**4.2**	1.3	0.308	22	**3.2**	1.0	0.313	-1.0	-23.2%	0.0	-0.8%
corm	5821	**1024.3**	61.8	0.060	5821	**1176.4**	125.7	0.107	5512	**1032.5**	64.6	0.063	-143.9	-12.2%	-152.1	-12.9%
nofu	2	**0.4**	0.0	0.000	2	**0.3**	0.3	0.985	2	**0.3**	0.3	1.002	-0.1	-22.6%	0.0	6.9%
ftsp	0	**0.0**	0.0		0	**0.0**	0.0		0	**0.0**	0.0		0.0		0.0	
laal	0	**0.0**	0.0		0	**0.0**	0.0		0	**0.0**	0.0		0.0		0.0	
gwgu	1738	**304.4**	43.4	0.143	1738	**285.5**	32.5	0.114	1662	**297.3**	42.0	0.141	11.8	4.1%	18.9	6.6%
megu	17	**3.1**	1.3	0.428	17	**2.9**	1.3	0.443	17	**2.1**	1.0	0.495	-0.8	-26.4%	0.2	8.5%
loon	102	**18.3**	2.3	0.126	102	**18.0**	2.2	0.120	100	**17.4**	2.3	0.131	-0.7	-3.6%	0.2	1.2%
yblo	3	**0.6**	0.0	0.000	3	**0.5**	0.3	0.555	3	**0.3**	0.2	0.694	-0.1	-29.6%	0.1	11.7%
rngr	79	**14.2**	3.1	0.216	79	**17.7**	4.7	0.266	82	**13.3**	2.9	0.216	-4.4	-25.1%	-3.5	-19.7%
emgo	7236	**1286.9**	190.4	0.148	7236	**1730.4**	316.7	0.183	6652	**1193.3**	175.5	0.147	-537.1	-31.0%	-443.5	-25.6%
stei	1454	**257.4**	37.1	0.144	1454	**257.1**	37.3	0.145	1318	**236.2**	34.6	0.147	-20.8	-8.1%	0.3	0.1%
coei	494	**88.2**	25.3	0.287	494	**94.2**	29.5	0.313	484	**82.2**	23.7	0.289	-12.0	-12.7%	-6.0	-6.3%
kiei	71	**12.6**	3.5	0.273	71	**15.0**	4.8	0.317	71	**11.5**	3.0	0.265	-3.6	-23.8%	-2.4	-16.0%
blsc	7303	**1292.2**	73.1	0.057	7303	**1283.2**	73.9	0.058	7209	**1314.1**	78.8	0.060	30.9	2.4%	9.0	0.7%
wwsc	667	**120.0**	16.0	0.133	667	**132.7**	17.7	0.134	663	**122.2**	17.8	0.145	-10.5	-7.9%	-12.7	-9.5%
susc	7	**1.3**	1.0	0.802	7	**1.4**	0.9	0.626	7	**0.3**	0.2	0.733	-1.2	-80.3%	-0.2	-11.0%
scot	1488	**268.8**	49.7	0.185	1488	**268.6**	47.4	0.177	1460	**239.8**	45.3	0.189	-28.7	-10.7%	0.2	0.1%
scau	183	**32.4**	8.8	0.271	183	**31.9**	8.9	0.280	185	**33.2**	10.3	0.311	1.3	4.1%	0.5	1.5%
buff	75	**13.2**	3.5	0.262	75	**15.1**	4.2	0.277	71	**13.9**	3.9	0.281	-1.2	-8.0%	-1.9	-12.6%
gold	283	**49.9**	10.2	0.203	283	**42.9**	8.5	0.197	273	**49.6**	11.0	0.221	6.7	15.7%	7.1	16.4%
ltdu	1424	**253.7**	48.2	0.190	1424	**252.9**	48.7	0.193	1460	**229.0**	40.4	0.177	-24.0	-9.5%	0.7	0.3%
hard	2863	**503.6**	35.2	0.070	2863	**505.4**	37.3	0.074	2522	**468.6**	35.9	0.077	-36.8	-7.3%	-1.8	-0.4%
undu	942	**163.8**	47.3	0.289	942	**146.0**	44.1	0.302	762	**141.1**	43.7	0.310	-4.9	-3.4%	17.8	12.2%
come	12	**2.1**	1.2	0.557	12	**1.6**	1.0	0.611	12	**1.6**	1.0	0.583	0.1	3.4%	0.5	33.9%
rbme	45	**7.9**	3.2	0.412	45	**4.9**	1.5	0.304	35	**6.5**	3.7	0.577	1.6	33.7%	3.0	62.1%
merg	647	**113.5**	15.2	0.134	647	**96.6**	11.0	0.114	592	**105.2**	12.6	0.120	8.6	8.9%	16.9	17.5%
gadw	0	**0.0**	0.0		0	**0.0**	0.0		0	**0.0**	0.0		0.0		0.0	
mall	319	**55.5**	13.8	0.248	319	**85.0**	36.9	0.434	189	**86.6**	16.9	0.195	1.6	1.9%	-29.5	-34.7%
agwt	5	**0.9**	0.6	0.658	5	**0.9**	0.6	0.687	2	**0.4**	0.4	1.022	-0.5	-53.1%	0.0	2.1%
bloy	174	**30.2**	8.5	0.280	174	**30.9**	8.7	0.281	151	**27.1**	7.6	0.282	-3.8	-12.4%	-0.7	-2.2%
ussb	251	**43.7**	28.7	0.656	251	**67.5**	45.0	0.667	16	**2.9**	2.1	0.708	-64.6	-95.7%	-23.8	-35.3%
baea	232	**40.3**	3.2	0.079	232	**44.0**	3.5	0.080	208	**40.8**	3.3	0.082	-3.2	-7.4%	-3.7	-8.4%
cora	8	**1.4**	0.6	0.424	8	**1.7**	0.8	0.450	7	**1.2**	0.6	0.486	-0.5	-27.5%	-0.3	-18.2%
stsl	493	**85.7**	34.3	0.401	493	**93.2**	33.4	0.359	440	**87.0**	29.8	0.343	-6.1	-6.6%	-7.5	-8.0%
seot	96	**17.3**	2.9	0.168	96	**18.8**	3.4	0.181	88	**16.1**	2.7	0.166	-2.7	-14.4%	-1.5	-7.7%
hase	129	**22.5**	7.6	0.337	129	**23.4**	5.1	0.220	70	**14.2**	4.4	0.312	-9.2	-39.4%	-0.9	-3.7%

Table 21. Comparison of indexed population densities in SCAT nearshore areas versus density in all other sampled nearshore habitat on Unalaska and Umnak Islands.

	SCAT nearshore		all other nearshore		SCAT- all other		
sppn	**density**	seDensity	**density**	seDensity	**difference density**	**t-test**	%dif
Species with lower density in SCAT area compared to all other Unalaska-Umnak shorelines:							
total	**58.59**	3.18	**64.11**	3.28	**-5.52**	-1.21	-9%
emgo	**14.60**	2.67	**17.48**	2.65	**-2.88**	-0.77	-16%
corm	**9.93**	1.06	**10.21**	0.71	-0.28	-0.22	-3%
hard	**4.27**	0.31	**5.44**	0.59	**-1.18**	-1.75	-22%
gwgu	**2.41**	0.27	**5.16**	0.71	**-2.75**	**-3.60**	-53%
stei	**2.17**	0.31	**2.50**	0.40	-0.33	-0.65	-13%
coei	**0.79**	0.25	**2.13**	0.28	**-1.34**	**-3.57**	-63%
ussb	**0.57**	0.38	**1.07**	0.70	-0.50	-0.62	-47%
gold	**0.36**	0.07	**0.59**	0.18	-0.23	-1.19	-39%
scau	**0.27**	0.08	**0.31**	0.13	-0.04	-0.26	-13%
bloy	**0.26**	0.07	**0.70**	0.19	-0.44	**-2.15**	-63%
hase	**0.20**	0.04	**0.31**	0.09	-0.11	-1.09	-36%
seot	**0.16**	0.03	**0.16**	0.03	-0.01	-0.15	-4%
cora	**0.01**	0.01	**0.05**	0.02	-0.04	-1.44	-71%
gadw	**0.00**	0.00	**0.01**	0.00	-0.01	-1.98	
Species with higher density in SCAT area compared to all other Unalaska-Umnak shorelines:							
all scoters	**14.23**	0.76	**12.09**	1.09	**2.14**	1.61	18%
ltdu	**2.13**	0.41	**1.91**	0.47	0.23	0.36	12%
undu	**1.23**	0.37	**0.25**	0.08	0.99	**2.59**	400%
merg	**0.82**	0.09	**0.63**	0.09	0.19	1.45	30%
stsl	**0.79**	0.28	**0.74**	0.22	0.05	0.14	7%
mall	**0.72**	0.31	**0.69**	0.18	0.03	0.09	5%
baea	**0.37**	0.03	**0.28**	0.02	0.09	**2.30**	31%
loon	**0.15**	0.02	**0.10**	0.02	0.05	**2.04**	47%
rngr	**0.15**	0.04	**0.02**	0.01	0.13	**3.17**	589%
buff	**0.13**	0.04	**0.12**	0.04	0.01	0.21	9%
pigu	**0.10**	0.02	**0.04**	0.01	0.07	**3.59**	173%
rbme	**0.04**	0.01	**0.01**	0.00	0.03	**2.65**	502%
come	**0.01**	0.01	**0.01**	0.01	0.01	0.73	118%
agwt	**0.01**	0.01	**0.00**	0.00	0.01	1.46	
yblo	**0.00**	0.00	**0.00**	0.00	0.00	1.37	369%
Pelagic species:							
murre	**1.09**	0.13	**0.41**	0.09	0.68	**4.33**	62%
alcsm	**0.39**	0.07	**0.22**	0.06	0.17	1.74	43%
kiei	**0.13**	0.04	**0.45**	0.18	-0.33	-1.73	-258%
murrl	**0.04**	0.01	**0.01**	0.01	0.02	1.87	68%
alclg	**0.03**	0.02	**0.00**	0.00	0.02	1.29	83%
megu	**0.02**	0.01	**0.01**	0.00	0.01	1.10	53%
puff	**0.01**	0.01	**0.00**	0.00	0.01	1.28	73%
nofu	**0.00**	0.00	**0.01**	0.00	0.00	-0.47	-88%
ftsp	**0.00**	0.00	**0.00**	0.00	0.00		
laal	**0.00**	0.00	**0.00**	0.00	0.00		
Detail for scoter species:							
blsc	**10.83**	0.62	**8.49**	1.04	**2.33**	1.93	22%
scot	**2.27**	0.40	**3.33**	0.34	**-1.06**	**-2.02**	-47%
wwsc	**1.12**	0.15	**0.26**	0.04	0.86	**5.51**	76%
susc	**0.01**	0.01	**0.00**	0.00	0.01	1.40	89%