

# Appendix M. Subsistence Uses and Resources

## M.I KAKTOVIK

### M.I.1 Harvest Data

Table M-1

Kaktovik Subsistence Harvest Estimates by Resource Category, All Resources Study Years

Study Year	Resource	Percent of Households					Estimated Harvest				Percent of Total Harvest
		Use	Try to Harvest	Harvest	Give	Receive	Number <sup>1</sup>	Total Pounds <sup>2</sup>	Average HH Pounds	Per Capita Pounds	
1985	All Resources	100	93	91	83	100	-	61,663	1,163	328	100.0
	Salmon	2	0	0	0	2	0	0	0	0	0.0
	Non-Salmon Fish	100	86	81	45	93	6,866	11,403	215	61	18.5
	Large Land Mammals	100	79	71	71	100	288	35,331	667	188	57.3
	Small Land Mammals	60	52	52	31	24	427	160	3	1	0.3
	Marine Mammals	88	69	57	41	86	174	10,762	203	57	17.5
	Migratory Birds	83	76	71	48	57	964	3,388	64	18	5.5
	Upland Game Birds	86	74	69	45	43	867	607	11	3	1.0
	Vegetation	24	17	2	5	21	-	13	<1	<1	<0.1
1986	All Resources	100	89	87	83	100	-	84,060	1,501	433	100.0
	Non-Salmon Fish	96	75	72	66	87	4,416	6,951	124	36	8.3
	Large Land Mammals	98	68	62	57	98	198	24,908	445	128	29.6
	Small Land Mammals	47	45	40	19	30	183	39	1	<1	<0.1
	Marine Mammals	96	64	60	64	96	-	49,723	888	256	59.2
	Migratory Birds	-	-	-	-	-	273	1,673	30	9	2.0
	Upland Game Birds	87	62	62	47	55	1,012	708	13	4	0.8
	Eggs	2	2	2	0	2	4	1	<1	<1	<0.1
	Vegetation	49	21	21	11	40	-	58	1	<1	0.1
1992a	All Resources	96	89	89	83	92	-	170,939	2,713	886	100.0
	Salmon	26	9	9	11	19	50	105	2	1	0.1
	Non-Salmon Fish	94	83	81	70	68	18,415	22,847	363	118	13.4
	Large Land Mammals	96	70	57	62	83	212	28,705	456	149	16.8
	Small Land Mammals	47	43	38	21	19	213	162	3	1	0.1
	Marine Mammals	89	64	40	70	87	-	115,645	1,836	599	67.7
	Migratory Birds	83	62	51	47	70	970	2,702	43	14	1.6
	Upland Game Birds	85	60	57	47	49	769	539	9	3	0.3
	Eggs	23	15	13	15	15	56	8	<1	<1	<0.1
Vegetation	77	72	70	23	40	-	227	4	1	0.1	

Study Year	Resource	Percent of Households					Estimated Harvest				Percent of Total Harvest
		Use	Try to Harvest	Harvest	Give	Receive	Number <sup>1</sup>	Total Pounds <sup>2</sup>	Average HH Pounds	Per Capita Pounds	
1992b <sup>3</sup>	All Resources	-	-	-	-	-	-	180,970	-	-	100.0
	Salmon	-	-	-	-	-	20	123	-	-	0.1
	Non-Salmon Fish	-	66	-	-	-	19,641	32,941	-	-	18.2
	Large Land Mammals	-	-	-	-	-	195	24,763	-	-	13.7
	Small Land Mammals	-	-	-	-	-	51	13	-	-	<0.1
	Marine Mammals	-	-	-	-	-	77	120,287	-	-	66.5
	Migratory Birds	-	64	-	-	-	773	2,362	-	-	1.3
	Upland Game Birds	-	-	-	-	-	400	257	-	-	0.1
	Eggs	-	-	-	-	-	32	5	-	-	<0.1
	Vegetation	-	50	-	-	-	56	219	-	-	0.1
1994-95	All Resources	-	-	-	-	-	-	126,893	-	-	100.0
	Salmon	-	-	-	-	-	1	6	-	-	<0.1
	Non-Salmon Fish	-	-	-	-	-	4,425	7,934	-	-	6.3
	Large Land Mammals	-	-	-	-	-	119	17,007	-	-	13.4
	Small Land Mammals	-	-	-	-	-	59	18	-	-	<0.1
	Marine Mammals	-	-	-	-	-	46	100,725	-	-	79.4
	Migratory Birds	-	-	-	-	-	411	1,102	-	-	0.9
	Upland Game Birds	-	-	-	-	-	119	119	-	-	0.1
2002-03	All Resources	-	-	-	-	-	-	104,777	-	-	100.0
	Non-Salmon Fish	-	-	-	-	-	2,363	4,784	-	-	4.6
	Large Land Mammals	-	-	-	-	-	130	17,104	-	-	16.3
	Small Land Mammals	-	-	-	-	-	56	20	-	-	<0.1
	Marine Mammals	-	-	-	-	-	30	80,877	-	-	77.2
	Migratory Birds	-	-	-	-	-	536	1,585	-	-	1.5
	Upland Game Birds	-	-	-	-	-	370	370	-	-	0.4
	Eggs	-	-	-	-	-	30	5	-	-	<0.1
	Marine Invertebrates	-	-	-	-	-	3	6	-	-	<0.1
Vegetation	-	-	-	-	-	9	27	-	-	<0.1	
2007	All Resources	-	-	-	-	-	6,277	78,243	954	-	100.0
	Salmon	-	-	-	-	-	5	14	<1	-	<0.1
	Non-Salmon Fish	-	-	-	-	-	5,086	7,592	93	-	9.7
	Large Land Mammals	-	-	-	-	-	181	21,168	258	-	27.1
	Small Land Mammals	-	-	-	-	-	31	14	<1	-	<0.1
	Marine Mammals	-	-	-	-	-	17	47,316	577	-	60.5
	Migratory Birds	-	-	-	-	-	537	1,814	22	-	2.3
	Upland Game Birds	-	-	-	-	-	199	139	2	-	0.2
	Bird Eggs	-	-	-	-	-	43	13	<1	-	<0.1
	Marine Invertebrates	-	-	-	-	-	-	-	-	-	-
Vegetation	-	-	-	-	-	179	173	2	-	0.2	

Study Year	Resource	Percent of Households					Estimated Harvest				Percent of Total Harvest
		Use	Try to Harvest	Harvest	Give	Receive	Number <sup>1</sup>	Total Pounds <sup>2</sup>	Average HH Pounds	Per Capita Pounds	
2008	All Resources	-	-	-	-	-	6,735	101,398	1,237	-	100.0
	Salmon	-	-	-	-	-	11	34	<1	-	<0.1
	Non- Salmon Fish	-	-	-	-	-	5,364	12,000	146	-	11.8
	Large Land Mammals	-	-	-	-	-	230	26,123	319	-	25.8
	Small Land Mammals	-	-	-	-	-	47	2	<1	-	<0.1
	Marine Mammals	-	-	-	-	-	23	60,731	741	-	59.9
	Migratory Birds	-	-	-	-	-	698	2,274	28	-	2.2
	Upland Game Birds	-	-	-	-	-	155	155	2	-	0.2
	Bird Eggs	-	-	-	-	-	170	44	1	-	<0.1
	Marine Invertebrates	-	-	-	-	-	-	-	-	-	-
	Vegetation	-	-	-	-	-	36	36	<1	-	<0.1
2009	All Resources	-	-	-	-	-	4,796	126,628	1,472	-	100.0
	Salmon	-	-	-	-	-	4	14	<1	-	<0.1
	Non- Salmon Fish	-	-	-	-	-	3,737	7,919	92	-	6.3
	Large Land Mammals	-	-	-	-	-	202	23,050	268	-	18.2
	Small Land Mammals	-	-	-	-	-	54	8	<1	-	0.0
	Marine Mammals	-	-	-	-	-	22	93,638	1,089	-	73.9
	Migratory Birds	-	-	-	-	-	397	1,632	19	-	1.3
	Upland Game Birds	-	-	-	-	-	287	287	3	-	0.2
	Bird Eggs	-	-	-	-	-	0	0	0	-	0.0
	Marine Invertebrates	-	-	-	-	-	-	-	-	-	-
	Vegetation	-	-	-	-	-	93	82	1	-	0.1
2010	All Resources	-	-	-	-	-	1,870	79,231	990	-	100.0
	Salmon	-	-	-	-	-	4	16	<1	-	<0.1
	Non- Salmon Fish	-	-	-	-	-	1,195	762	10	-	1.0
	Large Land Mammals	-	-	-	-	-	143	16,105	201	-	20.3
	Small Land Mammals	-	-	-	-	-	19	3	<1	-	<0.1
	Marine Mammals	-	-	-	-	-	12	61,474	768	-	77.6
	Migratory Birds	-	-	-	-	-	151	596	7	-	0.8
	Upland Game Birds	-	-	-	-	-	266	266	3	-	0.3
	Bird Eggs	-	-	-	-	-	0	0	0	-	0.0
	Marine Invertebrates	-	-	-	-	-	-	-	-	-	-
	Vegetation	-	-	-	-	-	81	9	<1	-	<0.1
2010-II	All Resources	100	96	94	84	100	13,138	202,958	2,388	707	100.0
	Salmon	19	7	6	9	14	59	288	3	1	0.1
	Non- Salmon Fish	96	83	76	69	84	10,799	27,198	320	95	13.4
	Large Land Mammals	94	56	47	51	93	511	68,458	805	239	33.7
	Small Land Mammals	29	23	17	13	16	150	302	4	1	0.1
	Marine Mammals	99	91	89	69	97	59	103,108	1,213	359	50.8
	Migratory Birds	73	51	40	40	67	788	2,547	30	9	1.3
	Upland Game Birds	60	43	37	29	40	710	710	8	3	0.4
	Bird Eggs	1	1	1	1	0	7	5	0	0	0.0
	Marine Invertebrates	1	0	0	0	1	0	0	0	0	0.0
Vegetation	46	29	19	21	41	55	342	4	1	0.2	

Study Year	Resource	Percent of Households					Estimated Harvest				Percent of Total Harvest
		Use	Try to Harvest	Harvest	Give	Receive	Number <sup>1</sup>	Total Pounds <sup>2</sup>	Average HH Pounds	Per Capita Pounds	
2011 <sup>4</sup>	All Resources	-	-	-	-	-	8,216	98,841	1,236	-	100.0
	Salmon	-	-	-	-	-	1	6	<1	-	<0.1
	Non- Salmon Fish	-	-	-	-	-	7,390	16,837	210	-	17.0
	Large Land Mammals	-	-	-	-	-	191	21,920	274	-	22.2
	Small Land Mammals	-	-	-	-	-	6	3	<1	-	<0.1
	Marine Mammals	-	-	-	-	-	14	58,944	737	-	59.6
	Migratory Birds	-	-	-	-	-	239	884	11	-	0.9
	Upland Game Birds	-	-	-	-	-	127	127	2	-	0.1
	Bird Eggs	-	-	-	-	-	65	18	<1	-	<0.1
	Marine Invertebrates	-	-	-	-	-	-	-	-	-	-
Vegetation	-	-	-	-	-	183	102	1	-	0.1	
2012	All Resources	-	-	-	-	-	5,806	133,258	1,666	-	100.0
	Salmon	-	-	-	-	-	7	32	<1	-	<0.1
	Non- Salmon Fish	-	-	-	-	-	4,948	9,556	119	-	7.2
	Large Land Mammals	-	-	-	-	-	169	20,099	251	-	15.1
	Small Land Mammals	-	-	-	-	-	39	2	<1	-	<0.1
	Marine Mammals	-	-	-	-	-	9	102,278	1,278	-	76.8
	Migratory Birds	-	-	-	-	-	434	1,089	14	-	0.8
	Upland Game Birds	-	-	-	-	-	0	0	0	-	0.0
	Bird Eggs	-	-	-	-	-	0	0	0	-	0.0
	Marine Invertebrates	-	-	-	-	-	-	-	-	-	-
Vegetation	-	-	-	-	-	202	202	3	-	0.2	

Sources: 1985, 1986 (ADFG 2018); 1992a (Pedersen 1995a); 1992b (Fuller and George 1999); 1994-95 (Brower, Olemaun, and Hepa 2000); 2002-03 (Bacon, Hepa, Brower, Pederson, Olemaun, George, and Corrigan 2009); 2007-2012 (Harcharek, Kayotuk, George, and Pederson 2018); 2010-11 (Kofinas, BurnSilver, Magdanz, Stotts, and Okada 2016).

Notes: Sources: 2000-01, 2001-02 Pedersen and Linn 2005

<sup>1</sup>Estimated numbers represent individuals in all cases except vegetation, where they represent gallons.

<sup>2</sup>Estimated pounds include only edible pounds and therefore do not include estimates for resources, such as furbearers, that are not typically eaten by community residents.

<sup>3</sup>Due to a low response rate during the NSB 1992b survey, these data should be viewed with caution. Household participation for the 1992b study year is based on Table A5 in Fuller and George (1999); participation in migratory bird harvests includes waterfowl and eggs; participation in vegetation harvests includes only berries; participation in non-salmon fish harvests is for fish in general.

<sup>4</sup>The survey in 2011 consisted of only an 8-month survey, covering May through December 2011; therefore, estimates from 2011 may not be directly comparable with other years that covered an entire year. The estimated harvest numbers for the 1994-95 and 2002-03 data were derived by summing individual species in each resource category. Also, for those study years, total pounds were derived from conversion rates found at ADFG (2018) and total usable pounds for bowhead whales were calculated based on the method presented in (SRB&A and ISER 1993). These estimates do not account for whale girth and should be considered approximate; more exact methods for estimating total whale weights are available in George, Philo, Suydam, Carroll, and Albert, n.d.

(Stephen R. Braund & Associates, 2018)

**Table M-2**  
**Kaktovik Subsistence Harvest Estimates by Resource Category, Non-Comprehensive**  
**Study Years**

Study Year	Resource	Percent of Households					Estimated Harvest			
		Use	Try to Harvest	Harvest	Give	Receive	Number	Total Pounds	Average HH Pounds	Per Capita Pounds
2000-01	Non-Salmon Fish	61	43	38	36	52	3,137	5,970	35	11
2001-02	Non-Salmon Fish	76	55	47	33	47	5,036	9,748	55	19

(Stephen R. Braund & Associates 2018)

**Table M-3**  
**Kaktovik Subsistence Harvest Estimates by Selected Species, All Study Years**

Study Year	Resource <sup>1</sup>	Percent of Households					Estimated Harvest				Percent of Total Harvest
		Use	Try to Harvest	Harvest	Give	Receive	Number <sup>2</sup>	Total Pounds <sup>3</sup>	Average HH Pounds	Per Capita Pounds	
1981-82	Caribou	-	-	-	-	-	43	-	-	-	-
1982-83	Caribou	-	-	-	-	-	160	-	-	-	-
1983-84	Caribou	-	-	-	-	-	107	-	-	-	-
1985-86	Caribou	-	-	-	-	-	235	-	-	-	-
1985	Caribou	95	76	69	67	86	235	27,941	527	149	45.3
	Arctic Char	100	86	81	41	69	3,075	8,611	162	46	14.0
	Ringed Seal	69	50	45	26	45	151	6,360	120	34	10.3
	Dall Sheep	79	29	21	21	74	47	4,622	87	25	7.5
	Bearded Seal	62	43	33	29	57	21	3,776	71	20	6.1
	Geese	71	62	57	38	43	647	2,913	55	15	4.7
	Cisco	79	60	55	29	62	3,546	2,482	47	13	4.0
	Moose	45	7	7	5	38	4	1,893	36	10	3.1
	Muskox	43	5	2	2	43	1	748	14	4	1.2
	Polar Bear	24	5	2	2	21	1	626	12	3	1.0
1986	Ptarmigan	86	74	69	45	43	867	607	11	3	1.0
	Bowhead Whale	96	62	43	51	94	-	43,704	780	225	52.0
	Caribou	98	66	60	53	94	178	21,188	378	109	25.2
	Arctic Char	94	70	70	62	77	1,768	4,951	88	25	5.9
	Bearded Seal	75	34	26	23	64	17	2,936	52	15	3.5
	Ringed Seal	72	40	38	28	60	44	1,851	33	10	2.2
	Dall Sheep	75	15	9	9	68	17	1,710	31	9	2.0
	Cisco	85	53	53	45	79	2,402	1,682	30	9	2.0
	Muskox	68	4	4	4	66	2	1,413	25	7	1.7
	Geese	83	55	51	36	70	371	1,410	25	7	1.7
1986-87	Polar Bear	15	6	4	4	13	2	1,182	21	6	1.4
	Caribou	-	-	-	-	-	201	-	-	-	-
1987-88	Caribou	-	-	55	-	-	185	22,229	383	104	-

Study Year	Resource <sup>1</sup>	Percent of Households					Estimated Harvest				Percent of Total Harvest
		Use	Try to Harvest	Harvest	Give	Receive	Number <sup>2</sup>	Total Pounds <sup>3</sup>	Average HH Pounds	Per Capita Pounds	
1990 <sup>4</sup>	Caribou	-	-	48	-	-	113	13,453	224	67	-
1991	Caribou	-	-	50	-	-	181	22,113	369	94	-
1992a	Bowhead Whale	87	53	6	62	85	-	108,160	1,717	560	63.3
	Caribou	96	70	55	53	75	158	19,136	304	99	11.2
	Arctic Char	92	81	79	66	45	5,523	15,463	245	80	9.0
	Bering Cisco <sup>8</sup>	77	62	62	57	45	8,103	5,672	90	29	3.3
	Dall Sheep	70	36	28	32	64	44	4,379	70	23	2.6
	Bearded Seal	75	47	28	32	60	24	4,246	67	22	2.5
	Muskox	53	21	9	17	51	5	3,179	50	16	1.9
	Geese	79	60	47	40	62	601	2,135	34	11	1.2
	Moose	36	11	6	9	32	4	2,011	32	10	1.2
	Ringed Seal	47	30	26	28	36	42	1,689	27	9	1.0
1992b <sup>5</sup>	Bowhead Whale	-	59	-	-	-	3	108,463	-	-	59.9
	Arctic Char	-	-	-	-	-	7,937	22,224	-	-	12.3
	Caribou	-	66	-	-	-	136	15,926	-	-	8.8
	Arctic Cisco	-	-	-	-	-	-	7,143	-	-	3.9
	Dall Sheep	-	-	-	-	-	53	5,249	-	-	2.9
	Walrus	-	23	-	-	-	5	3,737	-	-	2.1
	Musk Ox	-	-	-	-	-	6	3,588	-	-	2.0
	Bearded Seal	-	62	-	-	-	17	2,998	-	-	1.7
	Beluga	-	-	-	-	-	2	2,761	-	-	1.5
	Grayling	-	-	-	-	-	3,299	2,639	-	-	1.5
	Geese	-	-	-	-	-	563	2,034	-	-	1.1
1994-95	Bowhead Whale	-	-	-	-	-	3	88,688	-	-	69.9
	Caribou	-	-	-	-	-	78	10,608	-	-	8.4
	Bearded Seal	-	-	-	-	-	21	8,820	-	-	7.0
	Dolly Varden	-	-	-	-	-	1,875	6,188	-	-	4.9
	Dall Sheep	-	-	-	-	-	30	3,120	-	-	2.5
	Muskox	-	-	-	-	-	9	2,655	-	-	2.1
	Arctic Cisco	-	-	-	-	-	2,358	1,651	-	-	1.3
2000-01	Dolly Varden	-	-	35	-	-	1,739	4,869	27	9	-
	Arctic Cisco	-	-	91	-	-	1,361	953	32	9	-
	Lake Trout	-	-	4	-	-	37	148	2	1	-
2001-02	Dolly Varden	-	-	44	-	-	2,649	7,418	41	14	-
	Arctic Cisco	-	-	38	-	-	2,187	1,531	19	7	-
	Lake Trout	-	-	6	-	-	200	800	10	3	-
2002-03	Bowhead Whale	-	-	-	-	-	3	75,515	-	-	72.1
	Caribou	-	-	-	-	-	112	15,232	-	-	14.5
	Arctic Char	-	-	-	-	-	1,162	3,834	-	-	3.7
	Bearded Seal	-	-	-	-	-	8	3,360	-	-	3.2
	Dall Sheep	-	-	-	-	-	18	1,872	-	-	1.8
	Ringed Seal	-	-	-	-	-	17	1,258	-	-	1.2

Study Year	Resource <sup>1</sup>	Percent of Households					Estimated Harvest				Percent of Total Harvest
		Use	Try to Harvest	Harvest	Give	Receive	Number <sup>2</sup>	Total Pounds <sup>3</sup>	Average HH Pounds	Per Capita Pounds	
2007	Bowhead Whale	-	-	-	-	-	3	40,833	498	-	52.2
	Caribou	-	-	-	-	-	181	21,168	258	-	27.1
	Beluga Whale	-	-	-	-	-	6	5,934	72	-	7.6
	Dolly Varden	-	-	-	-	-	1,658	4,643	57	-	5.9
	Arctic Cisco	-	-	-	-	-	3,198	2,239	27	-	2.9
2008	Bowhead Whale	-	-	-	-	-	3	57,482	701	-	56.7
	Caribou	-	-	-	-	-	185	21,586	263	-	21.3
	Dolly Varden	-	-	-	-	-	3,921	10,980	134	-	10.8
	Dall Sheep	-	-	-	-	-	45	4,425	54	-	4.4
	Polar Bear	-	-	-	-	-	3	1,662	20	-	1.6
	Bearded Seal	-	-	-	-	-	6	1,117	14	-	1.1
2009	Bowhead Whale	-	-	-	-	-	3	88,488	1029	-	69.9
	Caribou	-	-	-	-	-	170	19,872	231	-	15.7
	Dolly Varden	-	-	-	-	-	2,449	6,857	80	-	5.4
	Bearded Seal	-	-	-	-	-	15	2,915	34	-	2.3
	Dall Sheep	-	-	-	-	-	29	2,886	34	-	2.3
	Beluga Whale	-	-	-	-	-	2	1,450	17	-	1.1
	White-Fronted Geese	-	-	-	-	-	274	1,234	14	-	1.0
2010	Bowhead Whale	-	-	-	-	-	3	53,167	665	-	67.1
	Caribou	-	-	-	-	-	115	13,458	168	-	17.0
	Beluga Whale	-	-	-	-	-	8	8,075	101	-	10.2
	Dall Sheep	-	-	-	-	-	16	1,612	20	-	2.0
	Black Bear <sup>6</sup>	-	-	-	-	-	12	1,035	13	-	1.3
2010-11	Bowhead	97	90	89	60	94	3	78,662	925	274	38.8
	Caribou	94	53	46	51	93	429	58,305	686	203	28.7
	Dolly Varden	94	79	76	64	77	6,333	20,898	246	73	10.3
	Beluga	76	30	26	30	74	15	10,318	121	36	5.1
	Bearded Seal	57	28	17	24	54	24	10,165	120	35	5.0
	Dall Sheep	76	14	14	0	73	78	8,089	95	28	4.0
	Broad Whitefish	43	26	20	20	29	1,148	3,729	44	13	1.8
	Geese	70	49	40	37	60	701	2,272	27	8	1.1
	Moose	16	9	4	4	13	4	1,960	23	7	1.0
2011 <sup>7</sup>	Bowhead Whale	-	-	-	-	-	3	57,661	721	-	58.3
	Caribou	-	-	-	-	-	170	19,909	249	-	20.1
	Dolly Varden	-	-	-	-	-	5,440	15,232	190	-	15.4
	Dall Sheep	-	-	-	-	-	20	2,011	25	-	2.0
	Bering Cisco <sup>8</sup>	-	-	-	-	-	1,093	1,093	14	-	1.1
	Bearded Seal	-	-	-	-	-	5	1,016	13	-	1.0
2012	Bowhead Whale	-	-	-	-	-	3	100,968	1,262	-	75.8
	Caribou	-	-	-	-	-	155	18,145	227	-	13.6
	Dolly Varden	-	-	-	-	-	2,861	8,010	100	-	6.0
2015	Caribou	-	52	-	-	-	303	35,451	-	-	-

Sources: 1981-82, 1982-83 (Pedersen and Coffing 1984); 1983-84 (Coffing and Pedersen 1985); 1985-86, 1986-87, 1987-88 (Pedersen 1990); 1985, 1986, 1990, 1991, (ADFG 2018); 1992a (Pedersen 1995a); 1992b (Fuller and George 1999); 1994-95 (Brower et al. 2000); and 2000-01, 2001-02 (Pedersen and Linn 2005); 2002-03 (Bacon et al. 2009); 2007-2012 (Harcharek et al. 2018); 2010-11 (Kofinas et al. 2016); 2015 (SRB&A 2017a).

## Notes:

<sup>1</sup>Except in the case of ducks and geese, which are lumped into more general species categories, this table shows individual species, unless they are not available for a given study year.

<sup>2</sup>Estimated numbers represent individuals in all cases except vegetation, where they represent gallons.

<sup>3</sup>Estimated pounds include only edible pounds and therefore do not include estimates for resources, such as furbearers, that are not typically eaten by community residents.

<sup>4</sup>Per capita pounds may be underestimated.

<sup>5</sup>Data should be viewed with caution due to a low response rate. Household participation for the 1992b study year was based on Table A5 in Fuller and George (1999). Bearded seal participation rates include all species of seal.

<sup>6</sup>Probably misreported and should be brown bear (Aklq).

<sup>7</sup>The survey in 2011 consisted of only an 8-month survey, covering May through December 2011; therefore, estimates from 2011 may not be directly comparable with other years that covered an entire year. For All Resources study years (1985, 1986, 1992a, 1992b, 1994-95, 2002-03), species are listed in descending order by percent of total harvest and are limited to species accounting for at least 1.0 percent of the total harvest; for single-resource study years, species are listed in descending order by total estimated pounds (or total number harvested, in the case of salmon study years) and limited to the five top species. Years lacking "% of total harvest" data were not comprehensive (i.e., all resources) study years).

<sup>8</sup>Reports of Bering cisco harvests in 1992 and 2011 may be incorrect, as Bering cisco are rare in the Kaktovik area. The data are likely referencing Arctic cisco. The estimated harvest numbers for the 1994-95 and 2002-03 data were derived by summing individual species in each resource category. Also, for those study years, total pounds were derived from conversion rates found at (ADFG 2018) and total (usable) pounds for bowhead whales were calculated based on the method presented in SRB&A and ISER (1993). These estimates do not account for whale girth and should be considered approximate; more exact methods for estimating total whale weights are available in George et al., n.d.

(Stephen R. Braund & Associates 2018)