



TABLE/ᑎᑦᑕᑦᑕᑦᑕᑦ/NAUNAİKUTA 219

Monthly harvest estimates

ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ ᑎᑦᑕᑦᑕᑦᑕᑦ

Tatkiktamat nahaktauvaktun

Year 1 (June 1996 - May 1997)

ᑕᑦᑕᑦᑕᑦ 1 (ᑕᑦᑕᑦ 1996 - ᑕᑦᑕᑦ 1997)

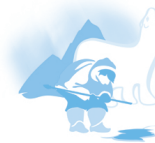
Ukiunga 1 (June 1996 - May 1997)

Month/ᑕᑦᑕᑦᑕᑦ/Tatkia			JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	Total	
			ᑕᑦᑕᑦ	ᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦ	
Species	ᑕᑦᑕᑦᑕᑦ	Umajuin														Tamakiklugin ± 95% CI
Caribou	ᑕᑦᑕᑦᑕᑦ	Tuktut	61	37	268	68	142	318	21	231	278	301	226	218	2,169 ± 208	
Polar bear†	ᑕᑦᑕᑦᑕᑦ	Nanuit†						3				7	2	4	16	
Wolf	ᑕᑦᑕᑦᑕᑦ	Amagut						3			6	7	1	3	20 ± 11	
Arctic fox	ᑕᑦᑕᑦᑕᑦ	Tigiganiat					2	14	2		74	51	5	2	150 ± 86	
Coloured fox	ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ	Kalaliit tigiganiat						14			11	7			32 ± 13	
Arctic hare	ᑕᑦᑕᑦᑕᑦ	Ukalik				2	7	13	10	8	25	29	37	8	139 ± 29	
Ringed seal	ᑕᑦᑕᑦᑕᑦ	Natiinat	553	266	170	194	320	134	11	101	112	175	119	156	2,311 ± 337	
Bearded seal	ᑕᑦᑕᑦᑕᑦ	Ukyuk		4	7	2	10								23 ± 9	
Harp seal	ᑕᑦᑕᑦᑕᑦ	Qairulik		4		4	15								23 ± 19	
Hooded seal	ᑕᑦᑕᑦᑕᑦ	Nahakakattut ittu natiit				1									1 ± 2	
Walrus	ᑕᑦᑕᑦᑕᑦ	Akvik		6	1										7 ± 6	
Narwhal	ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ	Tuugaak	14	45	55	10								3	127 ± 34	
Beluga	ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ	Kilalugak		4		2									6 ± 5	
Snow goose	ᑕᑦᑕᑦᑕᑦ	Kanguq	212	48	245	71								58	634 ± 186	
Eider duck	ᑕᑦᑕᑦᑕᑦ	Kingalik		2	3	19	18	11							53 ± 33	
Black guillemot	ᑕᑦᑕᑦᑕᑦ	Black guillemot				2	3								5 ± 5	
Ptarmigan	ᑕᑦᑕᑦᑕᑦ	Akilgik		14		4	184	172	3	68	540	155	62	67	1,269 ± 391	
Sandhill crane	ᑕᑦᑕᑦᑕᑦ	Tatilgaq				3									3 ± 3	
Goose eggs	ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ	Uluaguliit manniit	391	53											444 ± 473	
Thick-billed murre eggs	ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ	Thick-billed murre eggs	453	2,212											2,665 ± 2,038	
Arctic char	ᑕᑦᑕᑦᑕᑦ	Ikaliviit	32	1,289	2,660	28	1,046	3,493			536	481	504	275	10,344 ± 3,029	
Cod	ᑕᑦᑕᑦᑕᑦ	Ugak		5											5 ± 8	
Sculpin	ᑕᑦᑕᑦᑕᑦ	Kanayuk	36	2											38 ± 64	
Clams	ᑕᑦᑕᑦᑕᑦ	Uviluq				3									3 ± 3	

† Polar bear data supplied by DSD.

‡ ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ.

‡ Nunuin nahagaumajut pijauhimajut Ikupiktulikijinik.



6.1.10 Community Results Discussion: Pond Inlet

The survey frame:

An assessment of under-enumeration during the community visit indicated that there were very few Inuit hunters who were not registered in the Harvest Study. It is estimated that there was one non-Inuit hunter with assigned hunting rights who was not registered, an active hunter. As discussed in Section 5.2.1 the effect of this under-enumeration would have led to a downward bias of the harvest estimates. However, the extent of the bias is likely very small since the missing hunter represents less than one percent of the total hunter population (Table 10).

Survey coverage and non-response bias:

Response rates in some months of year 1 of the study were quite low in Pond Inlet, dropping below 50% in 7 of the 12 months. Response rates in years 2 to 4 were excellent; however the rates did decline in the last few months of year 5. As seen in Table 9 the consistent intentional non-response rate in Pond Inlet was low, at 2.0%, and was not thought to be a potential source of non-response bias.

Response rates were felt to be high enough and non-response bias low enough during years 2 to 4 to ensure that n did in fact constitute a sufficiently representative sample of N hunters. Readers should exercise caution when using the data collected during year 1 and during the latter months of the study since the potential for both sampling error and non-response bias increases as response rates fall.

Measurement issues and response error:

There were no specific incidents of measurement error brought up during the community visit. However, readers should refer to Section 5.4 for a thorough discussion of this issue.

As seen in the recall period tables, during most months of the study the majority of harvest records were collected within three months of the harvest. However, there were several months in each year of the study where there was an increase in the percentage of records with recall periods of four to six months. These months should be noted since there is a greater potential for measurement error due to recall failure as recall periods increase.

As noted in the comments associated with arctic char, below, there was commercial harvesting of char during the study. It appears that harvest estimates do include some of the commercial harvest and should be considered too high if only considering the subsistence harvest of the community.

Community feedback and other sources of data:

- ¹ **Caribou:** Caribou harvesting consisted of barren-ground caribou. Harvest estimates seem accurate; caribou were abundant around the community in the first two years of the study (C.F.).
- ² **Polar bear:** Numbers displayed are not estimates but confirmed harvest numbers supplied by DSD (DSD PB).
- ³ **Wolf:** The harvest estimate in year 5 seems too low. Estimates in other years look more accurate (C.F.).
- ⁴ **Narwhal:** Harvest estimates in years 2 and 3 seem somewhat low. The annual narwhal quota was 100 animals. Hunters report that the harvests will vary from year to year and this variation is often related to killer whales in the area. The killer whales drive the narwhal closer to the community (C.F.). DFO reports the following harvest numbers for narwhal (note that DFO data are based on fiscal years, whereas Harvest Study data are based on harvest years that run from June to May) (DFO N/B):

96/97	97/98	98/99	99/00	00/01
100	75	108	130	166
- ⁵ **Eider duck:** Both king and common eiders are harvested by Pond Inlet hunters (C.F.).
- ⁶ **Thick-billed murre eggs:** Hunters reported that ice conditions were poor in year 2 when there was an early break-up; hunters were unable to get to the eggs. There should have been eggs reported in year 5, the lack of harvest during this year seems inaccurate (C.F.).
- ⁷ **Arctic char:** There was commercial harvesting of char throughout the Harvest Study (DFO F). One of the Fieldworkers reported that some commercial harvest was reported along with the subsistence harvest. Some hunters reported that the harvest estimates are too low if all commercial harvesting was reported. Therefore harvest estimates are thought to include the subsistence harvest and only some of the commercial harvest (C.F.).
- ⁸ **Cod/sculpin:** Harvested in nets along with arctic char (C.F.).
- ⁹ **Clams:** Although harvest estimates seem accurate, numbers have increased since the Harvest Study due to local divers who are now harvesting clams. It is necessary to dive for clams since the tides are not sufficient to allow for digging of clams at the shoreline (C.F.).



6.1.10 Nunanit Iniktigutait Ukauhiit: Mitimatalik

Ihivgiuktit Atugutait:

Ihivgiufaahimayut ataani naunaiyakhimayut nunani pulaakatak-himapluta ukakhimayut ikitut Inuit umayukhiuktit titigakhimaitut Umayukhiukhimayuni Ihivgiuhimayuni. Nalunangituk atauhimik inuinaungitumik umayukhiuktikaktuk tuniyauhimayut umayukhi-ugutimik inmiigutihimayumik titigaktauhhimaituk, umayukhiukataktuk. Ukauhimayut ilangani 5.2.1 ikpinagiyait hamna ataani naunaiyakhimayuk pilaaktuk ataanut ihumagiyait umayukhiukhimayut naunaiyautaini. Kihimi pihimayuk ihumagiyait mikiyuk pihimaitut umayukhiuktit mikinikhaamik 1% mik tamaat umayukhiuktinit (ikpatauyak 10).

Ihivgiukhimayut pihimayait ovalo kiuyuitut ihumagiyait:

Kiuhimayut naunaiyautait ilangini tatikhiutini ukiumi 1mi ihivgiuktuni mikiyut Mitimatalikmi, katakhuni 50% mik 7nut 12nit tatikhiutini. Kiuhimayut naunaiyautait ukiumi 2mi ovalo 4mi nakuuyut, kihimi naunaiyautait katakhimayut kinguliutaini tatikhiutini ukiumi 5mi. Takuhimayut ikpatauyami 9mi pikataktut kiuyuitut naunaiyautait Mitimatalikmi mikiyut, 2% mik ovalo ihumagiyangituk pilaaktuni ilainik kiuyuitut ihumagiyaini.

Kiuhimayut naunaiyautait angiyut ovalo kiuyuitut ihumagiyait mikiyut ukiumi 2mit 4mut pigiagani nni pihimayuk nakuuyumik naunaiyautaini Nni umayukhiuktit. Taiguaktut piyukhat atugumik katitikhimayunik katitigutaini ukiumi 1mi ovalo kinguani tatikhiutit ihivgiuktitlugit pilaakhtuk tamamik uktukhimayut ihuinaagutaini ovalo kiuyuitut ihumagiyaini angiklihimayut kiuhimayut naunaiyautait katanmata.

Atugutingit ihumagiyait ovalo kiuhimayut ihuinaagutait:

Pikangituk atugutingit ihuinaakhimayuni ukaktunit nunani pulaak-takhimatitlugit, Kihimi taiguaktut takuyuhat ilangnai 5.4 ukauhiinik hapkoa ihumagiyayunit.

Takuhimayuni utiktihimayut ubluit ikpatauyani ihivgiuktitlugit amigaitut umayukhimayut titigagutaini katitikhimayut iluani pingahut tatikhiutini umayukhiukhimayuni. Kihimi, amigaivyaktut tatikhiutini tamamik ukiumi ihivgiuktitlugit angilihimayut ilangit titigakhimayut utiktitihimayut ubluit hitamat siksintut tatikhiutini. Hapkoa tatikhiutit nalunaikhimayukhat pilaaktunik atugutingit ihuinaalaaktunik utiktihimayut pingitpata utiktihimayakhait ubluit anglikpat.

Titigakhimayuni ukauhiinik mikhaanut ikaliviit haman, kinauyaliuhimayut umayukhiugutaini ikaliviit ihivgiuktitlugit. Takukhayut umayukhiukhimayut naunaiyautait ilayut ilangit kinauyaliuktut umayukhiuktuni ovalo ihumaiyakhait angiyut talvatuak ihumagilik-tainik atuktakhainik umayukhiukhimayut nunani.

Nunanit ukakhimayut ovalo aalat pihimayaini katitikhimayuni:

¹ **Tuktut:** Tuktut umayukhiukhimayut ilayut nunani tuktut. Umayukhiukhimayut naunaiyautait nakuuyut; Tuktut amigait-paktut haniani nunat hivulimi malguk ukiumi ihivgiuktitlugit (C.F.).

² **Nanuit:** Amigaitjutait takuhimayut naunaiyautangituk kihimi pihimayut umayukhiukhimayut amigaitjutait tunihimayut DSDkunit (DSD PB).

³ **Amagut:** Umayukhiukhimayut naunaiyautait ukiumi 5mi mikiyut. Naunaiyautait aipaini ukiumi naamaktut (C.F.).

⁴ **Tuugaat:** Umayukhiukhimayut naunaiyautait ukiumi 2mi ovalo 3mi mikiyut. Ukiuk tamaat tugaaliit kilalugait 100kuyut umayut. Umayukhiuktit tuhaktitihimayut umayukhiukhaiyit aalaukataniaktuk ukiumi ovalo hamna aalagugutait pihimavaktut mikhaanut kiniktut kilalugakpakuyut (killer whale) nunani. Kilalugakpakuyut kimaatkakpakit tugaaliit kilalugait hanianut nunat (C.F.). DFOkut tuhaktitihimayut hapkoa umayukhiukhimayut amigaitjutait tugaaliit kilalugait (nalungilutit DFOkut katitikhimayait atuktaini atukhimayut ukiungit, Umayukhiukhimayut ihivgiugutait umayukhiukhimayut ukiungit pivaktut Junemit Maymut) (DFO N/B):

96/97	97/98	98/99	99/00	00/01
100	75	108	130	166

⁵ **Tingmiat:** Tamamik kingaliit ovalo mitiit umayukhiukpaktut Mitimatalikmi umayukhiuktinit (C.F.).

⁶ **Akpait maniit:** Umayukhiuktit tuhaktitihimayut hikut naamagutait nakuungit ukiumi 2mi hikut ahiguktingimata; umayukhiuktit pingitut maninut. Piyukhat maniit tuhaktitihimayut ukiumi 5mi, Pingitut umayukhiukhimayuni hamani ukiumi nakuuyut (C.F.).

⁷ **Ikaliviit:** Kinauyaliukhtuk ikalukhiukpaktut tamaat Umayukhiukhimayut Ihivgiuktitlugit (DFO F). Atauhik nunani havakti tuhaktitihimayuk ilangit kinauyaliugutait umayukhiukhimayait ilauhimayut atuktakhainik umayukhiukhimayaminut. Ilangit umayukhiuktit tuhaktitihimayut umayukhiukhimayut naunaiyautait mikiyut tamamik kinauyaliukhimayaini umayukhimayaini tuhaktitihimapat. Taimaimat, umayukhiukhimayut naunaiyautait ilayut atuktakhainik umayunik ovalo ilangiinak kinauyaliugutigihimayainik umayukhimayaini. (C.F.).

⁸ **Ugat/kanayuit:** umayukhiukhimayut kuvyakut ilauplutik ikalivinut (C.F.).

⁹ **Uviluit:** Umayukhiukhimayait naunaiyautait naamaktut, amigaitjutait angilihimayut Umayukhiukhimayut Ihivgiukliktitlugit nunanit imami ataani naluuyaktut umayukhiukatalimata uvilunik. Naluuyakataktut uvilukhiukhtuk ilaa imaukatautait angiyuugimata uvilukhiugiagani hinaani tagiup. (C.F.).