



**TABLE/ᓇᑎᓇᑎᓴᑦ/NAUNAIKUTA 55**

Monthly harvest estimates

ᑕᓯᑕᓴᑦ ᑎᓄᓴᑦ ᓇᑎᓴᑦᑎᓴᑦ

Tatkiktamat nahaktauvaktun

Year 1 (June 1996 - May 1997)

ᑎᓄᓴᑦ 1 (ᑎᓄᓴᑦ 1996 - ᓴᑎᓴᑦ 1997)

Ukiunga 1 (June 1996 - May 1997)

Month/ᑕᓯᓴᑦ/Tatkia			JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	Total	
			ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	ᑎᓄᓴᑦ	
Species	ᑎᓄᓴᑦ	Umajuin														Tamakiklugin ± 95% CI
Caribou	ᑎᓄᓴᑦ	Tuktut	36	1	31	2		31	13	21	27	75	78	66	381 ± 26	
Polar bear†	ᓇᑎᓴᑦ	Nanuit†										9	1	1	11	
Wolf	ᓇᑎᓴᑦ	Amagut												2	2 ± 1	
Arctic fox	ᑎᓄᓴᑦ	Tigiganiat			1		2	32	16	14	3	3	18	3	92 ± 16	
Coloured fox	ᑎᓄᓴᑦ	Kalaliit tigiganiat										2			2 ± 1	
Arctic hare	ᑎᓄᓴᑦ	Ukalik	4		3	6		3				2	3	4	15	40 ± 5
Seals (unspecified)	ᑎᓄᓴᑦ	Natiit										8			8 ± 2	
Ringed seal	ᓇᑎᓴᑦ	Natiinat	505	294	120	112	265	246	152	275	248	141	98	308	2,764 ± 117	
Bearded seal	ᑎᓄᓴᑦ	Ukyuk	1		14	7	3	1							26 ± 4	
Harp seal	ᓇᑎᓴᑦ	Qairulik				5	3			1					9 ± 2	
Walrus	ᓇᑎᓴᑦ	Akvik		1											1 ± 1	
Narwhal	ᑎᓄᓴᑦ	Tuugaak			3		5								8 ± 2	
Snow goose	ᓇᑎᓴᑦ	Kanguq	30	6	44	19								1	100 ± 19	
Canada goose	ᓇᑎᓴᑦ	Nikliknik	13	1		1								9	24 ± 4	
Eider duck	ᑎᓄᓴᑦ	Kingalik			38	90	119	2						1	250 ± 40	
Common loon	ᑎᓄᓴᑦ	Tuulik					1								1 ± 1	
Red-throated loon	ᓇᑎᓴᑦ	Qaqhuaq		19											19 ± 6	
Ptarmigan	ᓇᑎᓴᑦ	Akilgik	143			4	209	258	83	35	38	28	95	266	1,159 ± 80	
Eggs (unspecified)	ᓇᑎᓴᑦ	Manniit		1											1 ± 0	
Goose eggs	ᓇᑎᓴᑦ	Uluaguiliit manniit	409	14											423 ± 65	
Arctic tern eggs	ᓇᑎᓴᑦ	Emitkutailat manniit		24											24 ± 14	
Seagull eggs	ᓇᑎᓴᑦ	Nauyat manniit	20												20 ± 6	
Arctic char	ᓇᑎᓴᑦ	Ikaliviit	976	362	971	52	618	1,719		77	138	671	717	650	6,951 ± 414	
Cod	ᓇᑎᓴᑦ	Ugak	16	15	2										33 ± 11	
Sculpin	ᓇᑎᓴᑦ	Kanayuk	289	182	89			3						26	589 ± 71	
Turbot	ᓇᑎᓴᑦ	Nataarnak								27	13	10	16	43	109 ± 31	
Clams	ᓇᑎᓴᑦ	Uviluq		614	155	143	63	5,961	35						6,971 ± 875	

† Polar bear data supplied by DSD.

‡ ᓇᑎᓴᑦ ᑎᓄᓴᑦ ᑎᓄᓴᑦ ᑎᓄᓴᑦ ᑎᓄᓴᑦ.

‡ Nanuin nahagaumajut pijauhujat ikupitulikijinik.

























**TABLE/ᓇᑎᓇᓇᑯᑯᑦ/NAUNAIKUTA 71**

Monthly harvest estimates

Year 5 (June 2000 - May 2001)

ᑕᓯᑕᑏᑦ ᓇᓴᑯᑯᓄᑦ ᓇᑕᑯᑦᑲᓯᓴᑦ

ᓇᓴᑯᑯ 5 (ᑦᑎ 2000 - ᑏᓇ 2001)

Tatkiktamat nahaktauvaktun

Ukiunga 5 (June 2000 - May 2001)

Month/ᑕᓯᓴ/ᑕᓯᓴ		JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	Total	
		ᑦᑎ	ᑦᑕᓇ	ᓇᑯᑯᑯᑎ	ᑦᑎᑦᓴᓴ	ᑯᑦᑎᓴᓴ	ᓇᓴᓴᓴᓴ	ᑎᑦᑦᓴᓴ	ᑲᑦᓄᓴᓴ	ᓴᓴᓄᓴᓴ	ᑏᑦᑦ	ᓇᓴᓴᓴ	ᑏᓇ	ᑲᑎᑦᑎᑦ	
		Tamakiklugin ± 95% CI													
<b>Species</b>	<b>ᑲᑏᓴᑦ</b>	<b>Umajuin</b>													
Caribou	ᑎᓴᑎᓴᑦ	Tuktut	8	1	29	11		24	66	18	22	13	6	24	222 ± 12
Polar bear†	ᓇᓄᓇᑦ†	Nanuit†					5						5		10
Wolf	ᓇᑏᑯᓇᑦ	Amagut							1			2		1	4 ± 1
Arctic fox	ᑎᓴᓴᓄᓴᑦ	Tigiganiat						14	6	1	1				22 ± 4
Coloured fox	ᑲᓄᓴᓴᑦᑎᓴᓴᓄᓴᑦ	Kalaliit tigiganiat							1	1	1				3 ± 1
Arctic hare	ᑯᑲᑦᑦ	Ukalik	9	1	3	6	11	1	4	1	2	13	5	9	65 ± 4
Ringed seal	ᓇᑦᑦᑦ	Natiinat	400	219	85	35	63	68	78	246	154	266	20	66	1,700 ± 43
Bearded seal	ᑯᓴᑦᓇᑦ	Ukyuk		3	1	3	3								10 ± 1
Harp seal	ᑲᓇᑯᑦᑦ	Qairulik		1		1	4	3	1				1		11 ± 1
Narwhal	ᑎᓴᑦᑦ ᑯᑕᓇᑎᓴᑦ	Tuugaak		17	35	2	1								55 ± 3
Snow goose	ᑲᓴᑎᓴᑦ	Kanguq	23	13	82									3	121 ± 18
Canada goose	ᓄᓴᑦᑦ	Nikliknik	28			5								20	53 ± 6
Old squaw	ᓇᓴᓴᓴᓴᑦᓇᑦ	Aahangik				4									4 ± 1
Eider duck	ᑎᑎᑦᑦ	Kingalik		2	11	20	114	24						1	172 ± 9
Red-throated loon	ᑲᓴᓴᓴᑦ	Qaqhuaq		2											2 ± 0
Black guillemot	ᓴᑦᑦᑯᑦᑎᓴᑦ	Black guillemot					1								1 ± 0
Ptarmigan	ᓇᓴᓴᓴᑦ	Akilgik	18			8	139	399	386	73	36	26	37	7	1,129 ± 55
Sandhill crane	ᑕᑎᓴᓴᓴᑦᓇᓴᓴᑦ	Tatilgaq												1	1 ± 0
Goose eggs	ᑲᓴᑎᓴᑦ ᑏᓴᓴᓴᑦ	Uluaguliit manniit	784	3											787 ± 127
Arctic tern eggs	ᓇᑎᓴᓴᓴᑦᓇᑦ ᑏᓴᓴᓴᑦ	Emitkutailat manniit		8											8 ± 1
Seagull eggs	ᓇᑯᑯᓴᑦ ᑏᓴᓴᓴᑦ	Nauyat manniit	18												18 ± 7
Arctic char	ᓇᑲᓴᓴᓴᑦ	Ikaliviit	855	249	905	33	401	20	1,733	732	513	236	770	413	6,860 ± 505
Cod	ᑲᓴᓴᑦ	Ugak	90	13					1					228	332 ± 54
Sculpin	ᑲᓇᑦᓇᑦ	Kanayuk	226	320	98	12			12		13			13	694 ± 40
Turbot	ᑲᑕᑦᑦᑦ	Nataarnak									22			21	43 ± 11
Clams	ᓇᑯᓴᓴᑦ	Uviluq		709				57							766 ± 69

† Polar bear data supplied by DSD.

‡ ᓇᓴᓴᓴᑦ ᑎᑎᓴᓴᓴᑦ ᑎᓴᓴᓴᑦ ᑯᑯᑯ ᓇᓴᓴᓴᓴᑦ.

‡ Nanuin nahagaumajut pijauhimajut Ikupiktulikijinik.

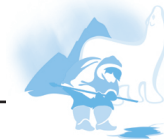












### 6.1.3 Community Results Discussion: Clyde River

#### The survey frame:

An assessment of under-enumeration during the community visit indicated that there were very few 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 occasional 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).

Due to the relatively small number of intensive hunters registered in Clyde River, the intensive classification was joined with the active classification for the purpose of calculating harvest estimates.

#### Survey coverage and non-response bias:

Response rates remained high throughout the course of the Harvest Study. As seen in Table 9 the consistent intentional non-response rate in Clyde River was 1.2%, and was not thought to contribute to potential non-response bias.

Response rates were felt to be high enough and non-response bias low enough in all years to ensure that n did in fact constitute a sufficiently representative sample of N hunters.

#### 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, the vast majority of harvest records were collected within three months of the harvest, thereby minimizing recall error.

As noted in the comments associated with arctic char below, there was commercial harvesting of char during the study. Most of these fish were reported along with the subsistence harvest and are thought to be included in the harvest estimates. However, any harvests which indicated that they were commercial were removed from the database and can be seen in Table 4.

#### Community feedback and other sources of data:

- <sup>1</sup> **Caribou:** Caribou harvesting consisted of barren-ground caribou.
- <sup>2</sup> **Polar bear:** Numbers displayed are not estimates but confirmed harvest numbers supplied by DSD (DSD PB).
- <sup>3</sup> **Arctic fox:** The decline in harvest in year 3 was likely due to the implementation of humane trapping standards (C.F.).
- <sup>4</sup> **Ringed seal:** Harvest estimates seem accurate; harvesting will vary from year to year with weather/ice conditions and pelt prices. Seal harvesting has likely increased since the Harvest Study ended due to increasing pelt prices (C.F.).
- <sup>5</sup> **Narwhal:** Harvest estimates seem accurate (C.F.). The narwhal quota was 50 animals annually. 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
10	15	27	4	51

 There is variation from year to year with ice conditions. Fewer animals are harvested in years when ice break up is late (C.F.).
- <sup>6</sup> **Snow goose:** Harvest estimates seem accurate. The lower harvests in years 3 and 4 were likely due to poor spring weather. When weather is poor birds do not stop in the area, they just pass by (C.F.).
- <sup>7</sup> **Eider duck:** There are more king eiders around Clyde River than common eiders. Although both are harvested, king eiders are taken in larger numbers (C.F.).
- <sup>8</sup> **Arctic char:** Harvest estimates seem accurate (C.F.). There was commercial harvesting of char during the study. The community Fieldworker reported that these harvests were reported and recorded with the subsistence harvest. Harvest estimates therefore do include some of the commercial harvests in this community.
- <sup>9</sup> **Arctic cisco:** Although there are no arctic cisco in the area, hunters travel to the Kivalliq region to harvest this species (C.F.).
- <sup>10</sup> **Sculpin:** These fish are caught inadvertently when fishing for other species. Harvest estimates seem accurate (C.F.)





### 6.1.3 Nunani Iniktikhimayut Ukauhiit: Kangiktugaapik

#### Ihivgiukhimayut iniktigutait:

Ihivgiufaakhimayut ataani ihivgiukhimayuni nunani pulaaktakhimapluni naunaiyakhimayuk ikitut umayukhiuktit titigaktauhimaitut Umayukhiukhimayut Ihivgiugutaini. Naunaiyakhimayuk atauhik inuin- augituk umayukhiukti tuniyauhimayuk umayukhiulaagutinik inmini- igutinik, ilaani umayukhiukpaktuk. Ukahimayut ilangani 5.2.1 ikpinaguit hamani ataani ihivgiukhimayuk pilaaktuk ataani ihimagiyai- ni umayukhiukhimayut naunaiyautaini. Kihimi naunaiyautaa ihimagiyaini mikikpiaktu ilaungit ut umayukhiuktit ikitkiyaumat 1% mik tamaat umayukhiuktinit (ikpatauyak 10).

Pihimanmat mikiyut amigaitjutait umayukhiuginaktut titigakhi- mayut Kangiktugaapikmi, umayukhiuginaktut naunaiyautait ilauhi- mayut umayukhiukatakunut naunaiyautainut atugutaini naunaiyaxhi- mayut umayukhiukhimayut naunaiyautaini.

#### Ihivgiukhimayut pihimayut ovalo kiuyuitut ihumagiyait:

Kiuhimayut naunaiyautait angiyut tamaat pitilugit Umayukhiukhimayut Ihivgiuhimatitlugit. Takulaaktut ikpatauyami 9mi aatjikutait pikataktut kiuyuitut naunaiyautait Kangiktugaapikmi 1.2% kuyut ovalo ihumagiyau- ngituk ilaayuk kiuyuituni ihimagiyaini.

Kiuhimayut naunaiyautait ihimagiyayut angiyut ovalo kiuyuitut ihimagiyait mikiyut tamamik ukiuni piyaami nni pipkakhimayut naunaiyautaini Nni umayukhiuktini.

#### Atugutingit ihumagiyait ovalo kiuhimayut ihuinaagutait:

Pikangituk pihimayunit atugutingini ihuinaakhimayuni ukakhimayut nunani pulaakhimatitlugit. Kihimi taiguaktut takuyukhat ilangani 5.4 ukautigini hamna ihumagiyaini.

Takuhimayuni uktiktihimayut ubluit ikpatauyami, amigaitut umayukhiukhimayut titigakhimayut katitikhimayut iluani pingahut tatikhiutini, taimaimat mikiyut utiktihimayut ihuinaagutait.

Titigakhimayumi ukautini mikhaanut ikaliviit hamani, kinauyal- iukhimayut umayukhiuktuni ikalivini ihivgiuktitlugit. Amigaitkiyait hapkoa ilaukhiimayut tuhaktitihimayut ilangani atuktakhaini ikalukhi- uhimayainut ovalo ihumagiyayut umayukhiukhimayuni naunaiyautaini. Kihimi umayukhiukhimayut titigakhimayut kinauyaliukhimayuni, unguvakhimayut katitikhimayunit ovalo takulaaktut ikpatauyami 4mi.

#### Nunanit ukakhimayut ovalo aalat pihimayaini katitikhimayuni:

- 1 **Tuktut:** Tuktut umayukhiukhimayut pihimayut nunani tuktut.
  - 2 **Nanuit:** Amigaitjutait takuhimayut naunaiyautaugitut kihimi pihimayut umayukhiukhimayut amigaitkutait pihimayut DSDkunit (DSD PB).
  - 3 **Tigiganiat:** Mikhilihimayut umayukhiukhimayuni ukiuni 3mi atulikhimagamik nutaanik nanigianik (C.F.).
  - 4 **Natinat:** Umayukhiukhimayut naunaiyautait naamaktut; umayukhiukhimayut aalangukataniaktut ukiuni hilamut/hiku- mut naamagutainik ovalo amiit akiinut. Natiit umayukhiukhi- mayut amigailikhimayut Umayukhiukhimayut Ihivgiuktut inikmata, angikilimatalu amiit akiit (C.F.).
  - 5 **Tuugaat:** Umayukhiukhimayut naunaiyautait naamaktut (C.F.) Tugaaliit kilalugait kotait 50kuyut umayut ukiuk tamaat. DFOkut tuhaktitihimayut hapkoa umayukhiukhimayut ami- gaitjutait tugaaliit kilalugait (nalungilutit DFOkut katitikhi- mayait atukhimayut ukiungini atuktainit, Umayukhiukhimayut Ihivgiukhimayut katitikhimayait atukhimanmata umayukhiukhimayut ukiungit Junemit Maymut (DFO N/B):
- |       |       |       |       |      |
|-------|-------|-------|-------|------|
| 96/97 | 97/98 | 98/99 | 99/00 | 00/0 |
| 10    | 15    | 27    | 4     | 51   |
- Naunaiyautait aalatkiitut ukiuni hikut kanugitaakhainut. Ikitkiyait umayut umayukhiukpaktut hikut ahiguktigaagat kinguvakhimapluni (C.F.).
  - 6 **Kanguq:** Umayukhiukhimayut naunaiyautait naamaktut. Mikitkiyait umayukhiukhimayut ukiuni 3mi ovalo 4mi nakuu- luangimat upingaami hila. Hilaa nakuugitkaagat tingmiat nutkayuitut nunami kihimi kagiinapaktut (C.F.).
  - 7 **Tingmiat:** Amigaitkiyauliktut kingaliit Kangiktugaapikmi mitinit. Tamamik umayukhiugaluakhugit, kingaliit pivaktut amigaitkiyainik (C.F.).
  - 8 **Ikaliviit:** Umayukhiukhimayut naunaiyautait naamaktut (C.F.). Kinauyaliukhimayut umayukhiuktuni ikalivini ihivgiuhimati- tlugit. Nunani havaktiit tuhaktitihimayuk hapkoa umayukhiukhimayut tuhaktitihimayut ovalo titigakhimayut ilangani atuktakhaini umayukhiukhimayunut. Umayukhiukhimayut naunaiyautait ilauhimayut ilangit kin- auyaliuktunut umayukhiukhimayuni hamani nunani.
  - 9 **Kapihiliit:** Pikangitkaluakhuni arctic cisonik nunami, umayukhiuktut autlaapaktut Kivalliqmut umayukhiukhugit hapkoa umayut (C.F.).
  - 10 **Kanayuit:** Hapkoa ikaluit pivaktut ilaani ikalukhiuktitlugit aalanik ikalunik. Umayukhiukhimayut naunaiyautait naamak- tut (C.F.).