

Northern Hudson Bay narwhal (*Monodon monoceros*) catch statistics in Canada from 1957-2018

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NORTHERN HUDSON BAY NARWHAL (*MONODON MONOCEROS*) CATCH
STATISTICS IN CANADA FROM 1957-2018

by

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TABLE OF CONTENTS

LIST OF TABLES	iv
LIST OF FIGURES	v
ABSTRACT	vi
RÉSUMÉ	vii
INTRODUCTION	1
METHODS AND RESULTS.....	1
RAW CATCH STATISTICS.....	1
ESTIMATED CATCH STATISTICS.....	2
STRUCK AND LOSS	2
SEASONAL HARVESTS	2
CONCLUSION.....	3
ACKNOWLEDGEMENTS.....	3
REFERENCES	4
APPENDICES.....	20

LIST OF TABLES

Table 1. Reported harvests of narwhals from the Northern Hudson Bay population. Nr indicates not reported.	7
Table 2. Table 2. Catch statistic estimates for Northern Hudson Bay narwhals for years with no data reported.	12
Table 3. Estimated catch statistics multiplied by a struck and loss factor (1.255) to account for unrecovered narwhals from the Northern Hudson Bay narwhal population.	16

LIST OF FIGURES

- Figure 1. Estimated removal (landed plus struck and loss [rate of 1.255]) of Northern Hudson Bay narwhals from 1957-2018. In years with no reported harvest data an estimate of the number of narwhals hunted was calculated by averaging the number of animals landed over the next 10 years. 6

ABSTRACT

Hudson, J.M., and Watt, C.A. 2020. Northern Hudson Bay narwhal (*Monodon monoceros*) catch statistics in Canada from 1957-2018. Can. Tech. Rep. Fish. Aquat. Sci. 3390: vii + 77 p.

Northern Hudson Bay (NHB) narwhals are hunted by Inuit for subsistence. Local Hunters and Trappers Organizations, the Nunavut Wildlife Management Board, the Kivalliq Wildlife Board, the Regional Nunavimmi Umajulirijiit Katujjiqatigiinninga, the Local Nunavimmi Umajulirijiit Katujjiqatigiinninga, the Nunavik Marine Region Wildlife Board, and Fisheries and Oceans Canada are currently responsible for co-managing the NHB narwhal population. To ensure that the hunt remains sustainable, data on annual narwhal harvests from each community is required. This document combines data from several sources to summarize annual narwhal harvests from nine Arctic communities, which harvest from the NHB population, between 1957-2018. To prevent an underestimation of narwhal harvests, when no landed narwhals were reported, we estimated the number by averaging the 10 following years. We also included a struck and lost factor (1.255) to account for narwhals that were shot and not recovered. A total of 4,207 narwhals were harvested between 1957-2018 and on average, 68 NHB narwhals were harvested each year by hunters from the nine Arctic communities.

RÉSUMÉ

Hudson, J.M., and Watt, C.A. 2020. Northern Hudson Bay narwhal (*Monodon monoceros*) catch statistics in Canada from 1957-2018. Can. Tech. Rep. Fish. Aquat. Sci. 3390: vii + 77 p.

Le narval du nord de la baie d'Hudson est chassé par les Inuits à des fins de subsistance. Les organisations locales de chasseurs et de trappeurs, le Conseil de gestion des ressources fauniques du Nunavut, le Conseil de gestion de la faune de Kivalliq, le Nunavimmi Umajulirijiit Katujjiqatigiinninga régional, le Nunavimmi Umajulirijiit Katujjiqatigiinninga local, le Conseil de gestion des ressources fauniques de la région marine du Nunavik et Pêches et Océans Canada assurent actuellement une gestion conjointe de la population de narvals du nord de la baie d'Hudson. Afin de garantir que la chasse demeure viable, il est nécessaire de recueillir des données annuelles sur la chasse au narval pour chaque communauté. Le présent document combine des données provenant de plusieurs sources afin d'offrir un sommaire de la chasse au narval du nord de la baie d'Hudson effectuée par neuf communautés de l'Arctique de 1957 à 2018. Dans le but d'éviter une sous-estimation de la chasse au narval, lorsqu'aucun débarquement de narval n'a été déclaré, nous avons estimé un nombre en calculant la moyenne des 10 années suivantes. Nous avons aussi appliqué un facteur pour les narvals abattus et perdus (1,255) afin de tenir compte des narvals qui ont été abattus sans être récupérés. Au total, 4 207 narvals ont été capturés entre 1957 et 2018, et 68 narvals du nord de la baie d'Hudson ont été prélevés en moyenne chaque année par les chasseurs des neuf communautés de l'Arctique.

INTRODUCTION

The Northern Hudson Bay (NHB) narwhal population is one of two genetically and geographically distinct populations in Canada (Petersen et al. 2011). The NHB population migrates between summering grounds in northern Hudson Bay and wintering grounds in eastern Hudson Strait (Richard 1991) and is mainly hunted by Inuit from Naujaat (formerly known as Repulse Bay). NHB narwhals are also hunted out of Chesterfield Inlet, Rankin Inlet, Coral Harbour, Kimmirut, Whale Cove, and Cape Dorset (DFO 1998), and hunters from these communities, along with hunters from Arviat and Baker Lake are known to travel to Naujaat for narwhal hunts.

Narwhal hunting was unregulated in Canada until 1971, when the Government of Canada implemented the Narwhal Protection Regulations and annual catch quotas were established for individual hunters (DFO 2013). In 1977, individual quotas were replaced by community or settlement specific quotas and in 1993, the Marine Mammal Regulations were enacted, requiring a license or tag for each hunted narwhal (DFO 2013; Watt and Hall 2018). In 1999, the Nunavut Wildlife Management Board (NWMB) trialled a community-based management initiative, providing communities with additional flexibility to request approval to carry-over or borrow against their annual harvest quotas (DFO 2013). The program was discontinued in 2009; however, harvest limits and flexible quotas remained (DFO 2013). Richard and Young (2015) found that quota flexibility did not affect the sustainability of narwhal harvests as long as carry-overs did not extend past five years, and as a result, a flex-quota system was implemented during the 2014-2015 harvest season and still remains in use (Richard and Young 2015).

In the Nunavut Settlement Area (NSA), co-management responsibilities for NHB narwhal population are shared by Fisheries and Oceans Canada (DFO), the NWMB, the Kivalliq Wildlife Board (RWO) and its constituent HTOs (see DFO 2013 for more details). Nunavut Tunngavik Incorporated (NTI) is responsible for ensuring that the rights and obligations of Nunavut Inuit are implemented. In the Nunavik Marine Region (NMR), co-management responsibilities for the NHB narwhal population are shared by DFO, the Nunavik Marine Region Wildlife Board (NMRWB), the Regional Nunavimmi Umajulirijit Katujjiqatigiinninga (RNUK) and the Local Nunavimmi Umajulirijit Katujjiqatigiinninga (LNUK). Makivik Corporation is responsible for ensuring that the rights and obligations of Nunavik Inuit under the Nunavik Inuit Land Claims Agreement (NILCA) are implemented. To ensure the NHB narwhal hunt remains sustainable, information on annual narwhal harvests is needed. This document provides a summary of narwhal hunt data between 1957-2018 from nine Arctic communities that harvest NHB narwhal.

METHODS AND RESULTS

RAW CATCH STATISTICS

This document combines narwhal hunt data from DFO Resource Management and several published sources (Mansfield et al. 1975; Kemper 1980; Strong 1989; DFO 1991; DFO 1992a; DFO 1992b; DFO 1993; DFO 1994; DFO 1995; DFO 1996; DFO 1997; DFO 1999; DFO unpublished data). In some instances, no narwhal catches were reported and in other instances, there were discrepancies between reports (Table 1). To prevent underestimating the number of narwhals harvested, when the number of narwhal catches differed, the highest catch is provided (Table 1). For example, Strong (1989) reported a harvest of 2 narwhals in Cape Dorset in 1978, while DFO unpublished data reported a harvest of 0; therefore, a harvest of 2 is reported (Table 1).

ESTIMATED CATCH STATISTICS

Population dynamic models require information on the number of animals removed from a population (Pella and Tomlinson 1969). Therefore, it is not possible to model years when there is no reported catch data. In order to maximize the time frame over which population models can be used, estimates of catch rates are useful (Watt and Hall 2018). Communities are required to report harvest numbers even when they are zero, and as a result, years with no reported harvests were not assumed to be zero. For years when no harvest was reported, an estimate of the number of narwhals hunted was calculated by averaging the number of animals landed over the next 10 years, and rounding up (Table 2). This estimate was calculated starting with the most recent year with unreported hunts to the oldest. For example, there were no landed narwhals reported in 2004 in Arviat. As a result, the number of landed narwhals was estimated by averaging all catches from 2005-2014. Then for catches in 2003, which also had no reported landings, the average number of catches from 2004-2013 was calculated, including the previously estimated catch for 2004 (Table 2). If there were fewer than 10 years of data available, all available years were included. For example, there were no reported catches in Baker Lake in 2012. Data reports only went up to 2018, therefore, the average landed catches between 2013-2018 was used to estimate the number of narwhals hunted in 2012. There were no catches reported for Rankin Inlet in 2018; therefore, catches from 2017 were used as an estimate.

STRUCK AND LOSS

During hunts, an unknown number of whales are shot and wounded and go unaccounted for in reported landed catches; the number of whales that are wounded and subsequently died as a result of their injuries is unknown. From 1999-2005 a community-based management system was implemented in Naujaat and hunters reported numbers of whales wounded and lost (unknown if they die) and killed and lost (confirmed dead but unable to land). Using the hunter provided data, Richard (2008) calculated a loss rate correction (LRC) of 1.255 using the following equation:

$$\text{LRC} = \text{HM} / \text{LC}$$

Where HM is the estimated total hunting mortality or sum of the landed catch and hunting loss, and LC is the landed catch. The estimated hunting loss was calculated using the equation:

$$\text{HM} = (\text{HM}_{\min} + \text{HM}_{\max})/2$$

Where HM_{\min} is the number of narwhals landed plus ones that were reported sunk and lost and HM_{\max} is the HM_{\min} plus the number of narwhals that were reported injured and escaped (Richard 2008). This struck and loss rate adjustment value was applied to harvest numbers for all nine communities. Hunters from Naujaat harpoon narwhals prior to shooting (Keenan et al. 2018), which could result in a lower struck and loss value. However, of all the communities that reported struck and loss information, Naujaat reported the highest rate of struck and loss, other than Qikitjuaq (Richard 2008). The HM estimate calculated by Richard (2008) assumes that half of wounded and unrecovered narwhals die and although this assumption is untested, it is reasonable in the absence of data (Richard 2008). This method only provides a rough estimate of struck and loss rate, but it is currently the best method available for accounting for losses when no other information is provided.

SEASONAL HARVESTS

Narwhals are hunted in Canada primarily in the summer, and spring and fall as they migrate to and from their summering grounds (Heide-Jørgensen et al. 2013). If kill dates were provided for

harvested individuals, we categorized each harvest into spring: April 1^s – July 23rd (Julian days 91-204), summer: July 24th – August 24th (Julian days 205-236), and fall: August 25th – November 30th (Julian days 237-334) (Appendix A; Watt and Hall 2018). There are no hunts of NHB narwhal in the winter. Dates to define seasons were based on movement of NHB narwhals (Westdal et al. 2010) and for comparison to narwhal harvest statistics from Baffin Bay (Watt and Hall 2018).

A total of 4,207 narwhals were harvested from the NHB population between 1957-2018. On average, 68 narwhals were harvested per year, using reported and estimated harvest data; however, harvests varied annually (Figure 1).

CONCLUSION

The number of narwhals removed from the population (harvest plus struck and loss) varies annually, but generally there were relatively low removals from the 1960s to 1990s, and since then removals fluctuate from ~50-150 animals annually. This report provides the most current and up to date hunt data for the NHB narwhal population. However, catch statistics are subject to change, as tags are occasionally returned and reported years after the hunt; therefore, future updates are anticipated. The catch statistics provided in this report can be used for population modelling and to provide advice for sustainable management of the NHB narwhal population.

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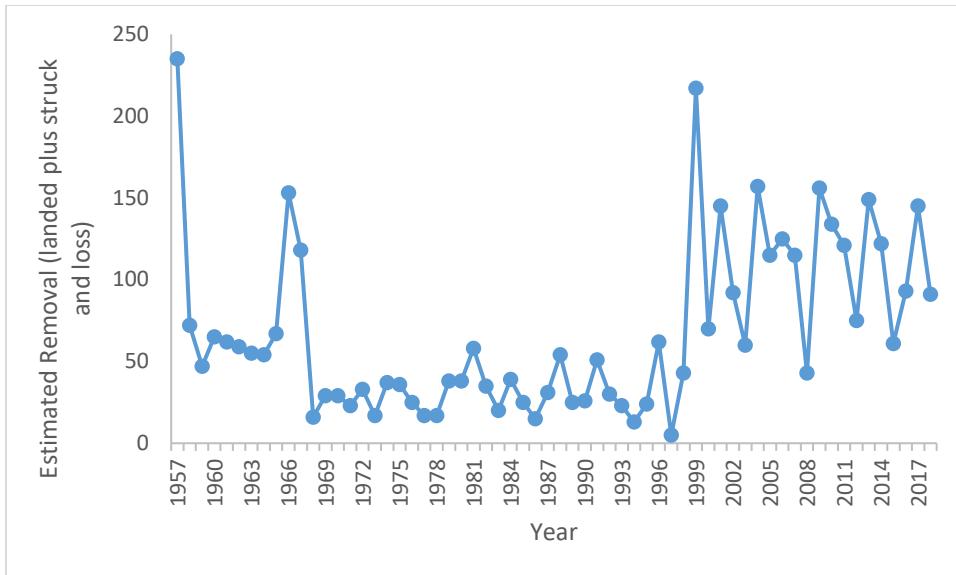


Figure 1. Estimated removal (landed plus struck and loss [rate of 1.255]) of Northern Hudson Bay narwhals from 1957-2018. In years with no reported harvest data an estimate of the number of narwhals hunted was calculated by averaging the number of animals landed over the next 10 years.

Table 1. Reported harvests of narwhals from the Northern Hudson Bay population. Nr indicates not reported. AR=Arviat, BL=Baker Lake, CD=Cape Dorset, CI=Chesterfield Inlet, CH=Coral Harbour, KI=Kimmirut, RI=Rankin Inlet, NA=Naujaat, WC=Whale Cove.

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total	References
1957	nr	nr	150	nr	nr	nr	nr	25	nr	175	Mansfield et al. 1975
1958	nr	nr	35	nr	nr	nr	nr	nr	nr	35	Mansfield et al. 1975
1959	nr	nr	15	nr	nr	nr	nr	nr	nr	15	Mansfield et al. 1975
1960	nr	nr	nr	nr	nr	nr	nr	nr	nr	0	Mansfield et al. 1975
1961	nr	nr	nr	nr	nr	nr	nr	nr	nr	0	Mansfield et al. 1975
1962	nr	nr	nr	nr	nr	nr	nr	nr	nr	0	Mansfield et al. 1975
1963	nr	nr	nr	nr	nr	nr	nr	nr	nr	0	Mansfield et al. 1975
1964	nr	nr	nr	nr	nr	nr	nr	nr	nr	0	Mansfield et al. 1975
1965	nr	nr	nr	nr	nr	nr	nr	23	nr	23	Mansfield et al. 1975
1966	nr	nr	100	nr	nr	nr	nr	nr	nr	100	Mansfield et al. 1975
1967	nr	nr	73	nr	nr	nr	nr	nr	nr	73	Mansfield et al. 1975
1968	nr	nr	2	nr	nr	nr	nr	0	nr	2	Mansfield et al. 1975
1969	nr	nr	nr	nr	nr	nr	nr	nr	nr	0	Mansfield et al. 1975
1970	nr	nr	0	nr	nr	nr	nr	nr	nr	0	Mansfield et al. 1975; Strong 1989

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total	References
1971	nr	nr	nr	nr	nr	nr	nr	5 ^a	nr	5	Mansfield et al. 1975; Strong 1989
1972	nr	nr	nr	nr	nr	nr	nr	14 ^b	nr	14	Kemper 1980; Strong 1989; Mansfield 1975
1973	nr	nr	nr	nr	nr	nr	nr	1	nr	1	Mansfield et al. 1975; Strong 1989; Kemper 1980
1974	nr	nr	nr	nr	nr	nr	nr	nr	nr	0	Strong 1989; Kemper 1980
1975	nr	nr	nr	nr	nr	nr	nr	nr	nr	0	Strong 1989; Kemper 1980
1976	nr	nr	nr	nr	nr	nr	nr	8	nr	8	Strong 1989; Kemper 1980
1977	nr	nr	0	nr	0	nr	0	8 ^c	0	8	DFO unpublished; Strong 1989; Kemper 1980
1978	nr	nr	2 ^d	nr	0	nr	0	4 ^e	nr	6	DFO unpublished; Strong 1989
1979	nr	nr	1	nr	0	0	0	30	0	31	DFO unpublished; Strong 1989
1980	nr	nr	1	nr	0	0	0	25	0	26	DFO unpublished; Strong 1989
1981	nr	nr	1	nr	6	0	5	29	0	41	DFO unpublished; Strong 1989
1982	nr	nr	1 ^f	nr	0	0	0	21	1	23	DFO unpublished; Strong 1989
1983	nr	nr	0	nr	0	nr	0	11	0	11	DFO unpublished; Strong 1989
1984	nr	nr	0	nr	0	0	2 ^g	25	0	27	DFO unpublished; Strong 1989
1985	nr	nr	0	0	0	0	1 ^h	15 ⁱ	0	16	DFO unpublished; Strong 1989

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total	References
1986	nr	nr	0	nr	0	nr	0	7	0	7	Strong 1989
1987	nr	nr	0	nr	nr	nr	0	16	0	16	Strong 1989
1988	0	nr	1	0	12	nr	0	25	0	38	DFO 1991
1989	0	nr	0	0	0	nr	0	16	0	16	DFO 1992a
1990	0	nr	0	0	0	nr	0	17	0	17	DFO 1992b
1991	0	nr	16	0	0	nr	0	20	0	36	DFO 1993
1992	0	nr	0	0	0	nr	0	20	0	20	DFO 1994
1993	0	nr	0	0	1	nr	0	13	0	14	DFO 1995
1994	0	nr	1	0	0	nr	0	5	0	6	DFO 1996
1995	0	nr	0	0	4	nr	6	4	0	14	DFO 1997
1996	0	nr	0	0	9	nr	0	35	1	45	DFO 1999
1997	nr	nr	0	0	0	0	0	0	0	0	DFO unpublished
1998	nr	nr	0	4	4	0	2	18	0	28	DFO unpublished
1999	nr	nr	0	nr	0	0	nr	157	0	157	DFO unpublished
2000	nr	nr	0	3	0	0	nr	42	0	45	DFO unpublished
2001	nr	nr	1	2	0	0	5	100	nr	108	DFO unpublished
2002	nr	nr	0	4	4	1	2	56	0	67	DFO unpublished

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total	References
2003	nr	nr	0	1	1	0	3	38	0	43	DFO unpublished
2004	nr	nr	0	4	3	0	7	106	0	120	DFO unpublished
2005	nr	nr	0	4	6	0	3	72	1	86	DFO unpublished
2006	nr	nr	0	4	3	0	10	75	2	94	DFO unpublished
2007	0	nr	0	3	1	1	9	74	0	88	DFO unpublished
2008	nr	nr	0	2	1	0	1	25	0	29	DFO unpublished
2009	nr	nr	0	4	8	0	8	97	1	118	DFO unpublished
2010	3	0	2	2	6	1	9	79	1	103	DFO unpublished
2011	1	nr	0	5	7	0	8	70	1	92	DFO unpublished
2012	0	nr	3	2	0	0	1	48	2	56	DFO unpublished
2013	1	2	0	5	7	0	13	83	4	115	DFO unpublished
2014	0	1	0	0	0	0	6	89	0	96	DFO unpublished
2015	0	0	0	1	2	0	0	43	1	47	DFO unpublished
2016	0	0	0	0	0	0	5	68	0	73	DFO unpublished
2017	0	1	0	3	2	0	6	100	1	113	DFO unpublished
2018	0	0	0	2	1	0	nr	62	0	65	DFO unpublished

^a Mansfield et al. (1975) reported a harvest of 5, but Strong (1989) reported “not reported”. A harvest of 5 was used.

^b Kemper (1980) and Strong (1989) reported a harvest of 14, but Mansfield et al. (1975) indicated no report. A harvest of 14 was used.

^c Kemper (1980) reported a harvest of 8, but Strong (1989) indicated no report. A harvest of 8 was used.

^d Strong (1989) reported a harvest of 2, but DFO unpublished data reported a harvest of 0. A harvest of 2 was used.

^e Strong (1989) reported a harvest of 4, but DFO unpublished data reported a harvest of 0. A harvest of 4 was used.

^f DFO unpublished data reported a harvest of 1, but Strong (1989) reported a harvest of 0. A harvest of 1 was used.

^g Strong (1989) reported a harvest of 2 but DFO unpublished data reported a harvest of 0. A harvest of 2 was used.

^h Strong (1989) reported a harvest of 1 but DFO unpublished data reported a harvest of 0. A harvest of 1 was used.

ⁱ Strong (1989) reported a harvest of 15 but DFO unpublished data reported a harvest of 0. A harvest of 15 was used.

Table 2. Catch statistic estimates for Northern Hudson Bay narwhals for years with no data reported. AR=Arviat, BL=Baker Lake, CD=Cape Dorset, CI=Chesterfield Inlet, CH=Coral Harbour, KI=Kimmirut, RI=Rankin Inlet, NA=Naujaat, WC=Whale Cove.

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total
1957	1*	1*	150	0*	2*	1*	2*	25	1*	183
1958	1*	1*	35	0*	2*	1*	2*	11*	1*	54
1959	1*	1*	15	0*	2*	1*	2*	11*	1*	34
1960	1*	1*	29*	0*	2*	1*	2*	11*	1*	48
1961	1*	1*	27*	0*	2*	1*	2*	11*	1*	46
1962	1*	1*	24*	0*	2*	1*	2*	11*	1*	43
1963	1*	1*	22*	0*	2*	1*	2*	10*	1	40
1964	1*	1*	20*	0*	2*	1*	2*	11*	1*	39
1965	1*	1*	19*	0*	2*	1*	2*	23	1*	50
1966	1*	1*	100	0*	2*	1*	2*	10*	1*	118
1967	1*	1*	73	0*	2*	1*	1*	10*	1*	90
1968	1*	1*	2	0*	2*	1*	1*	0	1*	9
1969	1*	1*	1*	0*	2*	1*	1*	11*	1*	19
1970	1*	1*	0	0*	2*	1*	1*	12*	1*	19
1971	1*	1*	1*	0*	2*	1*	2*	5	1*	14
1972	1*	1*	1*	0*	2*	1*	1*	14	1*	22

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total
1973	1*	1*	1*	0*	2*	1*	1*	1	1*	9
1974	1*	1*	1*	0*	2*	1*	1*	17*	1*	25
1975	1*	1*	1*	0*	1*	1*	1*	17*	1*	24
1976	1*	1*	1*	0*	1*	1*	1*	8	1*	15
1977	1*	1*	0	0*	0	1*	0	8	0	11
1978	1*	1*	2	0*	0	1*	0	4	1*	10
1979	1*	1*	1	0*	3*	0	1*	19*	1*	27
1980	1*	1*	1	0*	0	0	0	25	0	28
1981	1*	1*	1	0*	6	0	5	29	0	43
1982	1*	1*	1	0*	0	0	0	21	1	25
1983	1*	1*	0	0*	0	1*	0	11	0	14
1984	1*	1*	0	0*	0	0	2	25	0	29
1985	1*	1*	0	0	0	0	1	15	0	18
1986	1*	1*	0	0*	0	1*	0	7	0	10
1987	1*	1*	0	0*	3*	1*	0	16	0	22
1988	0	1*	1	0	12	1*	0	25	0	40
1989	0	1*	0	0	0	1*	0	16	0	18

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total
1990	0	1*	0	0	0	1*	0	17	0	19
1991	0	1*	16	0	0	1*	0	20	0	38
1992	0	1*	0	0	0	1*	0	20	0	22
1993	0	1*	0	0	1	1*	0	13	0	16
1994	0	1*	1	0	0	1*	0	5	0	8
1995	0	1*	0	0	4	1*	6	4	0	16
1996	0	1*	0	0	9	1*	0	35	1	47
1997	2*	1*	0	0	0	0	0	0	0	3
1998	2*	1*	0	4	4	0	2	18	0	31
1999	2*	1*	0	4*	0	0	6*	157	0	170
2000	2*	1*	0	3	0	0	6*	42	0	54
2001	2*	1*	1	2	0	0	5	100	1*	112
2002	1*	1*	0	4	4	1	2	56	0	69
2003	1*	1*	0	1	1	0	3	38	0	45
2004	1*	1*	0	4	3	0	7	106	0	122
2005	1*	1*	0	4	6	0	3	72	1	88
2006	1*	1*	0	4	3	0	10	75	2	96

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total
2007	0	1*	0	3	1	1	9	74	0	89
2008	1*	1*	0	2	1	0	1	25	0	31
2009	1*	1*	0	4	8	0	8	97	1	120
2010	3	0	2	2	6	1	9	79	1	103
2011	1	1*	0	5	7	0	8	70	1	93
2012	0	1*	3	2	0	0	1	48	2	57
2013	1	2	0	5	7	0	13	83	4	115
2014	0	1	0	0	0	0	6	89	0	96
2015	0	0	0	1	2	0	0	43	1	47
2016	0	0	0	0	0	0	5	68	0	73
2017	0	1	0	3	2	0	6	100	1	113
2018	0	0	0	2	1	0	6 ^{*a}	62	0	71

* Indicates estimated catches using the average catches from 10 years after a not reported year.

^a Catches in Rankin Inlet in 2017 were used to estimate catches in Rankin Inlet in 2018.

Table 3. Estimated catch statistics multiplied by a struck and loss factor (1.255) to account for unrecovered narwhals from the Northern Hudson Bay narwhal population. AR=Arviat, BL=Baker Lake, CD=Cape Dorset, CI=Chesterfield Inlet, CH=Coral Harbour, KI=Kimmirut, RI=Rankin Inlet, NA=Naujaat, WC=Whale Cove.

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total
1957	2	2	189	0	3	2	3	32	2	235
1958	2	2	44	0	3	2	3	14	2	72
1959	2	2	19	0	3	2	3	14	2	47
1960	2	2	37	0	3	2	3	14	2	65
1961	2	2	34	0	3	2	3	14	2	62
1962	2	2	31	0	3	2	3	14	2	59
1963	2	2	28	0	3	2	3	13	2	55
1964	2	2	26	0	3	2	3	14	2	54
1965	2	2	24	0	3	2	3	29	2	67
1966	2	2	126	0	3	2	3	13	2	153
1967	2	2	92	0	3	2	2	13	2	118
1968	2	2	3	0	3	2	2	0	2	16
1969	2	2	2	0	3	2	2	14	2	29
1970	2	2	0	0	3	2	2	16	2	29
1971	2	2	2	0	3	2	3	7	2	23
1972	2	2	2	0	3	2	2	18	2	33

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total
1973	2	2	2	0	3	2	2	2	2	17
1974	2	2	2	0	3	2	2	22	2	37
1975	2	2	2	0	2	2	2	22	2	36
1976	2	2	2	0	2	2	2	11	2	25
1977	2	2	0	0	0	2	0	11	0	17
1978	2	2	3	0	0	2	0	6	2	17
1979	2	2	2	0	4	0	2	24	2	38
1980	2	2	2	0	0	0	0	32	0	38
1981	2	2	2	0	8	0	7	37	0	58
1982	2	2	2	0	0	0	0	27	2	35
1983	2	2	0	0	0	2	0	14	0	20
1984	2	2	0	0	0	0	3	32	0	39
1985	2	2	0	0	0	0	2	19	0	25
1986	2	2	0	0	0	2	0	9	0	15
1987	2	2	0	0	4	2	0	21	0	31
1988	0	2	2	0	16	2	0	32	0	54
1989	0	2	0	0	0	2	0	21	0	25

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total
1990	0	2	0	0	0	2	0	22	0	26
1991	0	2	21	0	0	2	0	26	0	51
1992	0	2	0	0	0	2	0	26	0	30
1993	0	2	0	0	2	2	0	17	0	23
1994	0	2	2	0	0	2	0	7	0	13
1995	0	2	0	0	6	2	8	6	0	24
1996	0	2	0	0	12	2	0	44	2	62
1997	3	2	0	0	0	0	0	0	0	5
1998	3	2	0	6	6	0	3	23	0	43
1999	3	2	0	6	0	0	8	198	0	217
2000	3	2	0	4	0	0	8	53	0	70
2001	3	2	2	3	0	0	7	126	2	145
2002	2	2	0	6	6	2	3	71	0	92
2003	2	2	0	2	2	0	4	48	0	60
2004	2	2	0	6	4	0	9	134	0	157
2005	2	2	0	6	8	0	4	91	2	115
2006	2	2	0	6	4	0	13	95	3	125

Year	AR	BL	CD	CI	CH	KI	RI	NA	WC	Total
2007	0	2	0	4	2	2	12	93	0	115
2008	2	2	0	3	2	0	2	32	0	43
2009	2	2	0	6	11	0	11	122	2	156
2010	4	0	3	3	8	2	12	100	2	134
2011	2	2	0	7	9	0	11	88	2	121
2012	0	2	4	3	0	0	2	61	3	75
2013	2	3	0	7	9	0	17	105	6	149
2014	0	2	0	0	0	0	8	112	0	122
2015	0	0	0	2	3	0	0	54	2	61
2016	0	0	0	0	0	0	7	86	0	93
2017	0	2	0	4	3	0	8	126	2	145
2018	0	0	0	3	2	0	8	78	0	91

APPENDIX

Appendix A: Harvest dates by community and the reported sex of the harvested animal. Only dates for known harvests are included. Seasons were defined as spring: Julian days 91-204, summer: Julian days 205-236, and fall: Julian days 237-334. The total number of harvested animals per season and the percentage of animals harvested per season are presented in the data below.

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Arviat	2010	7	27	M	208	Summer
Arviat	2011	8	4	M	216	Summer
Arviat	2013	8	4	M	216	Summer

Community	Year	Spring	Summer	Fall	Total	% Spring	% Summer	% Fall
Arviat	2010	0	1	0	1	0.0	100.0	0.0
Arviat	2011	0	1	0	1	0.0	100.0	0.0
Arviat	2013	0	1	0	1	0.0	100.0	0.0

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Baker Lake	2013	8	10	F	222	Summer
Baker Lake	2013	8	16	M	228	Summer
Baker Lake	2014	8	25	F	237	Fall

Community	Year	Spring	Summer	Fall	Total	% Spring	% Summer	% Fall
Baker Lake	2013	0	2	0	2	0.0	100.0	0.0
Baker Lake	2014	0	0	1	1	0.0	0.0	100.0

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Chesterfield Inlet	2002	7	19	F	200	Spring
Chesterfield Inlet	2002	7	24	F	205	Summer
Chesterfield Inlet	2002	7	24	M	205	Summer
Chesterfield Inlet	2002	7	24	M	205	Summer
Chesterfield Inlet	2003	7	1	NA	182	Spring
Chesterfield Inlet	2004	7	20	M	202	Spring
Chesterfield Inlet	2004	7	29	F	211	Summer
Chesterfield Inlet	2004	8	2	M	215	Summer
Chesterfield Inlet	2004	8	4	M	217	Summer
Chesterfield Inlet	2005	7	12	M	193	Spring
Chesterfield Inlet	2005	7	14	F	195	Spring
Chesterfield Inlet	2005	7	20	M	201	Spring
Chesterfield Inlet	2005	7	21	M	202	Spring
Chesterfield Inlet	2006	7	14	M	195	Spring
Chesterfield Inlet	2006	7	16	M	197	Spring
Chesterfield Inlet	2006	7	18	F	199	Spring
Chesterfield Inlet	2006	7	22	M	203	Spring
Chesterfield Inlet	2007	8	4	F	216	Summer
Chesterfield Inlet	2007	8	7	F	219	Summer
Chesterfield Inlet	2007	8	7	M	219	Summer
Chesterfield Inlet	2008	7	31	F	213	Summer
Chesterfield Inlet	2008	8	4	F	217	Summer
Chesterfield Inlet	2009	8	15	M	227	Summer
Chesterfield Inlet	2009	8	21	F	233	Summer
Chesterfield Inlet	2009	8	21	M	233	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Chesterfield Inlet	2009	8	25	F	237	Fall
Chesterfield Inlet	2010	7	25	M	206	Summer
Chesterfield Inlet	2010	7	27	M	208	Summer
Chesterfield Inlet	2011	7	16	M	197	Spring
Chesterfield Inlet	2011	7	20	F	201	Spring
Chesterfield Inlet	2011	7	21	F	202	Spring
Chesterfield Inlet	2011	7	21	F	202	Spring
Chesterfield Inlet	2011	7	23	M	204	Spring
Chesterfield Inlet	2012	7	25	M	207	Summer
Chesterfield Inlet	2012	7	25	M	207	Summer
Chesterfield Inlet	2013	7	25	M	206	Summer
Chesterfield Inlet	2013	8	9	F	221	Summer
Chesterfield Inlet	2013	8	9	F	221	Summer
Chesterfield Inlet	2013	8	12	M	224	Summer
Chesterfield Inlet	2013	8	17	M	229	Summer
Chesterfield Inlet	2015	7	18	M	199	Spring

Community	Year	Spring	Summer	Fall	Total	% Spring	% Summer	% Fall
Chesterfield Inlet	2002	1	3	0	4	25.0	75.0	0.0
Chesterfield Inlet	2003	1	0	0	1	100.0	0.0	0.0
Chesterfield Inlet	2004	1	3	0	4	25.0	75.0	0.0
Chesterfield Inlet	2005	4	0	0	4	100.0	0.0	0.0
Chesterfield Inlet	2006	4	0	0	4	100.0	0.0	0.0
Chesterfield Inlet	2007	0	3	0	3	0.0	100.0	0.0
Chesterfield Inlet	2008	0	2	0	2	0.0	100.0	0.0
Chesterfield Inlet	2009	0	3	1	4	0.0	75.0	25.0
Chesterfield Inlet	2010	0	2	0	2	0.0	100.0	0.0
Chesterfield Inlet	2011	5	0	0	5	100.0	0.0	0.0
Chesterfield Inlet	2012	0	2	0	2	0.0	100.0	0.0
Chesterfield Inlet	2013	0	5	0	5	0.0	100.0	0.0
Chesterfield Inlet	2015	1	0	0	1	100.0	0.0	0.0

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Cape Dorset	1979	10	10	F	283	Fall
Cape Dorset	1980	11	6	F	311	Fall
Cape Dorset	1981	7	30	F	211	Summer
Cape Dorset	1982	8	5	F	217	Summer
Cape Dorset	2010	6	30	F	181	Spring
Cape Dorset	2010	6	30	F	181	Spring
Cape Dorset	2012	7	22	M	204	Spring
Cape Dorset	2012	7	23	F	205	Summer
Cape Dorset	2012	7	24	F	206	Summer

Community	Year	Spring	Summer	Fall	Total	% Spring	% Summer	% Fall
Cape Dorset	1979	0	0	1	1	0.0	0.0	100.0
Cape Dorset	1980	0	0	1	1	0.0	0.0	100.0
Cape Dorset	1981	0	1	0	1	0.0	100.0	0.0
Cape Dorset	1982	0	1	0	1	0.0	100.0	0.0
Cape Dorset	2010	2	0	0	2	100.0	0.0	0.0
Cape Dorset	2012	1	2	0	3	33.3	66.7	0.0

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Coral Harbour	2002	6	26	M	177	Spring
Coral Harbour	2002	6	26	M	177	Spring
Coral Harbour	2002	6	27	F	178	Spring
Coral Harbour	2002	7	19	M	200	Spring
Coral Harbour	2003	8	7	M	219	Summer
Coral Harbour	2004	7	8	M	190	Spring
Coral Harbour	2004	7	20	NA	202	Spring
Coral Harbour	2005	7	19	M	200	Spring
Coral Harbour	2005	7	24	F	205	Summer
Coral Harbour	2005	7	26	M	207	Summer
Coral Harbour	2005	7	26	M	207	Summer
Coral Harbour	2006	7	17	M	198	Spring
Coral Harbour	2006	7	17	F	198	Spring
Coral Harbour	2006	7	18	M	199	Spring
Coral Harbour	2007	8	4	M	216	Summer
Coral Harbour	2008	7	8	M	190	Spring
Coral Harbour	2009	8	10	M	222	Summer
Coral Harbour	2009	8	21	M	233	Summer
Coral Harbour	2009	8	23	M	235	Summer
Coral Harbour	2009	8	23	F	235	Summer
Coral Harbour	2009	8	29	M	241	Fall
Coral Harbour	2009	8	31	M	243	Fall
Coral Harbour	2009	8	31	M	243	Fall
Coral Harbour	2009	8	31	M	233	Fall
Coral Harbour	2010	7	16	NA	197	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Coral Harbour	2010	7	16	F	197	Spring
Coral Harbour	2010	7	16	F	197	Spring
Coral Harbour	2010	7	16	F	197	Spring
Coral Harbour	2010	7	22	F	203	Spring
Coral Harbour	2011	7	15	M	196	Spring
Coral Harbour	2011	7	23	M	204	Spring
Coral Harbour	2011	7	23	F	204	Spring
Coral Harbour	2011	7	23	M	204	Spring
Coral harbour	2011	7	24	M	205	Summer
Coral harbour	2011	7	24	M	205	Summer
Coral harbour	2011	7	31	F	212	Summer
Coral harbour	2013	8	2	F	214	Summer
Coral harbour	2013	8	7	M	219	Summer
Coral Harbour	2013	8	9	M	221	Summer
Coral Harbour	2013	8	10	M	222	Summer
Coral Harbour	2013	8	11	M	223	Summer
Coral Harbour	2013	8	15	M	227	Summer
Coral Harbour	2013	8	16	M	228	Summer
Coral Harbour	2015	7	23	M	204	Spring
Coral Harbour	2015	7	23	M	204	Spring

Community	Year	Spring	Summer	Fall	Total	% Spring	% Summer	% Fall
Coral Harbour	2002	4	0	0	4	100.0	0.0	0.0
Coral Harbour	2003	0	1	0	1	0.0	100.0	0.0
Coral Harbour	2004	2	0	0	2	100.0	0.0	0.0
Coral Harbour	2005	1	3	0	4	25.0	75.0	0.0
Coral Harbour	2006	3	0	0	3	100.0	0.0	0.0
Coral Harbour	2007	0	1	0	1	0.0	100.0	0.0
Coral Harbour	2008	1	0	0	1	100.0	0.0	0.0
Coral Harbour	2009	0	4	4	8	0.0	50.0	50.0
Coral Harbour	2010	5	0	0	5	100.0	0.0	0.0
Coral Harbour	2011	4	3	0	7	57.1	42.9	0.0
Coral Harbour	2013	0	7	0	7	0.0	100.0	0.0
Coral Harbour	2015	2	0	0	2	100.0	0.0	0.0

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Kimmirut	2002	8	21	M	233	Summer
Kimmirut	2007	11	16	M	320	Fall
Kimmirut	2010	9	10	M	253	Fall

Community	Year	Spring	Summer	Fall	Total	% Spring	% Summer	% Fall
Kimmirut	2002	0	1	0	1	0.0	100.0	0.0
Kimmirut	2007	0	0	1	1	0.0	0.0	100.0
Kimmirut	2010	0	0	1	1	0.0	0.0	100.0

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Rankin Inlet	2002	8	12	M	224	Summer
Rankin Inlet	2002	8	15	M	227	Summer
Rankin Inlet	2003	7	6	M	187	Spring
Rankin Inlet	2003	7	9	M	190	Spring
Rankin Inlet	2003	7	10	F	191	Spring
Rankin Inlet	2004	7	8	M	190	Spring
Rankin Inlet	2004	7	10	F	192	Spring
Rankin Inlet	2004	7	11	M	193	Spring
Rankin Inlet	2004	7	16	M	198	Spring
Rankin Inlet	2004	7	28	F	210	Summer
Rankin Inlet	2004	8	3	F	216	Summer
Rankin Inlet	2004	8	3	M	216	Summer
Rankin Inlet	2005	7	24	M	205	Summer
Rankin Inlet	2005	7	24	F	205	Summer
Rankin Inlet	2005	7	26	M	207	Summer
Rankin Inlet	2006	7	16	M	197	Spring
Rankin Inlet	2006	7	16	M	197	Spring
Rankin Inlet	2006	7	16	M	197	Spring
Rankin Inlet	2006	7	17	M	198	Spring
Rankin Inlet	2006	7	17	M	198	Spring
Rankin Inlet	2006	7	17	M	198	Spring
Rankin Inlet	2006	7	22	M	203	Spring
Rankin Inlet	2006	7	22	M	203	Spring
Rankin Inlet	2006	7	22	F	233	Spring
Rankin Inlet	2006	8	8	M	220	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Rankin Inlet	2007	7	23	M	204	Spring
Rankin Inlet	2007	7	29	M	210	Summer
Rankin Inlet	2007	7	30	M	211	Summer
Rankin Inlet	2007	8	7	M	219	Summer
Rankin Inlet	2007	8	8	M	220	Summer
Rankin Inlet	2007	8	8	M	220	Summer
Rankin Inlet	2007	8	8	M	220	Summer
Rankin Inlet	2007	8	8	F	220	Summer
Rankin Inlet	2007	8	8	F	220	Summer
Rankin Inlet	2008	8	3	M	216	Summer
Rankin Inlet	2009	7	19	M	200	Spring
Rankin Inlet	2009	7	30	M	211	Summer
Rankin Inlet	2009	8	9	M	221	Summer
Rankin Inlet	2009	8	14	M	226	Summer
Rankin Inlet	2009	8	15	M	227	Summer
Rankin Inlet	2009	8	15	M	227	Summer
Rankin Inlet	2009	8	15	M	227	Summer
Rankin Inlet	2009	8	21	M	233	Summer
Rankin Inlet	2010	6	12	F	163	Spring
Rankin Inlet	2010	6	16	M	167	Spring
Rankin Inlet	2010	6	25	F	176	Spring
Rankin Inlet	2010	7	12	F	193	Spring
Rankin Inlet	2010	7	12	F	193	Spring
Rankin Inlet	2010	7	19	F	200	Spring
Rankin Inlet	2010	7	24	M	205	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Rankin Inlet	2010	7	24	F	205	Summer
Rankin Inlet	2010	7	26	M	207	Summer
Rankin Inlet	2011	7	15	M	196	Spring
Rankin Inlet	2011	7	22	M	203	Spring
Rankin Inlet	2011	7	22	M	203	Spring
Rankin Inlet	2011	7	22	M	203	Spring
Rankin Inlet	2011	7	23	F	204	Spring
Rankin Inlet	2011	7	24	M	205	Summer
Rankin Inlet	2011	7	24	M	205	Summer
Rankin Inlet	2011	7	25	F	206	Summer
Rankin Inlet	2012	7	24	M	206	Summer
Rankin Inlet	2013	7	20	F	201	Spring
Rankin Inlet	2013	7	22	M	203	Spring
Rankin Inlet	2013	7	22	M	203	Spring
Rankin Inlet	2013	7	26	M	207	Summer
Rankin Inlet	2013	8	5	F	217	Summer
Rankin Inlet	2013	8	6	M	218	Summer
Rankin Inlet	2013	8	8	M	220	Summer
Rankin Inlet	2013	8	10	M	222	Summer
Rankin Inlet	2013	8	10	M	222	Summer
Rankin Inlet	2013	8	11	M	223	Summer
Rankin Inlet	2013	8	12	M	224	Summer
Rankin Inlet	2013	8	12	M	224	Summer
Rankin Inlet	2013	8	18	M	230	Summer
Rankin Inlet	2014	7	25	M	206	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Rankin Inlet	2014	7	26	M	207	Summer
Rankin Inlet	2014	7	30	M	211	Summer
Rankin Inlet	2014	7	31	F	212	Summer
Rankin Inlet	2014	8	3	M	215	Summer
Rankin Inlet	2014	8	3	M	215	Summer
Rankin Inlet	2016	8	17	NA	230	Summer
Rankin Inlet	2016	8	18	M	231	Summer
Rankin Inlet	2016	8	18	F	231	Summer
Rankin Inlet	2016	8	28	F	241	Fall
Rankin Inlet	2016	8	28	M	241	Fall

Community	Year	Spring	Summer	Fall	Total	% Spring	% Summer	% Fall
Rankin Inlet	2002	0	2	0	2	0.0	100.0	0.0
Rankin Inlet	2003	3	0	0	3	100.0	0.0	0.0
Rankin Inlet	2004	4	3	0	7	57.1	42.9	0.0
Rankin Inlet	2005	0	3	0	3	0.0	100.0	0.0
Rankin Inlet	2006	9	1	0	10	90.0	10.0	0.0
Rankin Inlet	2007	1	8	0	9	11.1	88.9	0.0
Rankin Inlet	2008	0	1	0	1	0.0	100.0	0.0
Rankin Inlet	2009	1	7	0	8	12.5	87.5	0.0
Rankin Inlet	2010	6	3	0	9	66.7	33.3	0.0
Rankin Inlet	2011	5	3	0	8	62.5	37.5	0.0
Rankin Inlet	2012	0	1	0	1	0.0	100.0	0.0
Rankin Inlet	2013	3	10	0	13	23.1	76.9	0.0
Rankin Inlet	2014	0	6	0	6	0.0	100.0	0.0
Rankin Inlet	2016	0	3	2	5	0.0	60.0	40.0

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2002	7	3	M	184	Spring
Naujaat	2002	7	3	F	184	Spring
Naujaat	2002	7	4	F	185	Spring
Naujaat	2002	7	4	F	185	Spring
Naujaat	2002	7	7	M	188	Spring
Naujaat	2002	7	9	M	190	Spring
Naujaat	2002	7	9	F	190	Spring
Naujaat	2002	7	9	F	190	Spring
Naujaat	2002	7	10	M	191	Spring
Naujaat	2002	7	10	F	191	Spring
Naujaat	2002	7	12	F	193	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	F	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	233	Spring
Naujaat	2002	7	23	M	204	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	23	M	204	Spring
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	F	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	M	205	Summer
Naujaat	2002	7	24	F	205	Summer
Naujaat	2002	7	25	M	206	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2002	7	25	M	206	Summer
Naujaat	2002	7	25	M	206	Summer
Naujaat	2002	7	26	M	207	Summer
Naujaat	2002	8	4	F	216	Summer
Naujaat	2002	8	19	M	231	Summer
Naujaat	2002	8	19	M	231	Summer
Naujaat	2003	6	28	F	179	Spring
Naujaat	2003	6	29	M	180	Spring
Naujaat	2003	7	5	F	186	Spring
Naujaat	2003	7	5	F	186	Spring
Naujaat	2003	7	6	F	187	Spring
Naujaat	2003	7	7	M	188	Spring
Naujaat	2003	7	7	M	188	Spring
Naujaat	2003	7	8	M	189	Spring
Naujaat	2003	7	8	M	189	Spring
Naujaat	2003	7	13	M	217	Spring
Naujaat	2003	7	24	M	205	Summer
Naujaat	2003	7	31	M	212	Summer
Naujaat	2003	7	31	M	212	Summer
Naujaat	2003	7	31	M	212	Summer
Naujaat	2003	7	31	M	212	Summer
Naujaat	2003	7	31	M	212	Summer
Naujaat	2003	7	31	M	212	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2003	7	31	M	212	Summer
Naujaat	2003	7	31	M	212	Summer
Naujaat	2003	7	31	M	212	Summer
Naujaat	2003	8	1	M	213	Summer
Naujaat	2003	8	1	M	213	Summer
Naujaat	2003	8	1	M	213	Summer
Naujaat	2003	8	1	M	213	Summer
Naujaat	2003	8	1	M	213	Summer
Naujaat	2003	8	1	M	213	Summer
Naujaat	2003	8	1	M	213	Summer
Naujaat	2003	8	6	M	218	Summer
Naujaat	2003	8	9	M	221	Summer
Naujaat	2003	8	9	M	221	Summer
Naujaat	2003	8	10	M	222	Summer
Naujaat	2003	8	11	M	223	Summer
Naujaat	2003	8	11	M	223	Summer
Naujaat	2003	8	11	M	223	Summer
Naujaat	2003	8	11	F	223	Summer
Naujaat	2004	6	26	M	178	Spring
Naujaat	2004	6	27	M	179	Spring
Naujaat	2004	6	30	M	182	Spring
Naujaat	2004	7	1	M	183	Spring
Naujaat	2004	7	1	F	183	Spring
Naujaat	2004	7	2	M	184	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2004	7	2	M	184	Spring
Naujaat	2004	7	3	M	185	Spring
Naujaat	2004	7	5	F	187	Spring
Naujaat	2004	7	8	M	190	Spring
Naujaat	2004	7	9	F	191	Spring
Naujaat	2004	7	9	F	191	Spring
Naujaat	2004	7	20	F	202	Spring
Naujaat	2004	7	22	M	204	Spring
Naujaat	2004	7	23	M	205	Summer
Naujaat	2004	7	23	M	205	Summer
Naujaat	2004	7	23	M	205	Summer
Naujaat	2004	7	25	F	207	Summer
Naujaat	2004	7	25	F	207	Summer
Naujaat	2004	7	26	M	208	Summer
Naujaat	2004	7	26	M	208	Summer
Naujaat	2004	7	26	M	208	Summer
Naujaat	2004	7	26	M	208	Summer
Naujaat	2004	7	26	M	208	Summer
Naujaat	2004	7	27	M	209	Summer
Naujaat	2004	7	28	F	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	28	F	210	Summer
Naujaat	2004	7	28	M	210	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	F	211	Summer
Naujaat	2004	7	29	M	211	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	F	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	29	M	211	Summer
Naujaat	2004	7	30	M	212	Summer
Naujaat	2004	7	30	M	212	Summer
Naujaat	2004	7	30	M	212	Summer
Naujaat	2004	7	30	M	212	Summer
Naujaat	2004	7	30	M	212	Summer
Naujaat	2004	7	30	M	212	Summer
Naujaat	2004	7	30	M	212	Summer
Naujaat	2004	7	31	M	213	Summer
Naujaat	2004	7	31	M	213	Summer
Naujaat	2004	7	31	M	213	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2004	7	31	M	213	Summer
Naujaat	2004	7	31	M	213	Summer
Naujaat	2004	7	31	M	213	Summer
Naujaat	2004	7	31	F	213	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	F	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	F	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer
Naujaat	2004	8	3	M	216	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2005	6	22	F	173	Spring
Naujaat	2005	6	23	M	174	Spring
Naujaat	2005	6	23	F	174	Spring
Naujaat	2005	6	29	F	180	Spring
Naujaat	2005	6	30	F	181	Spring
Naujaat	2005	7	17	M	198	Spring
Naujaat	2005	7	17	M	198	Spring
Naujaat	2005	7	17	M	198	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	M	199	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	18	M	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	18	F	199	Spring
Naujaat	2005	7	19	M	200	Spring
Naujaat	2005	7	19	M	200	Spring
Naujaat	2005	7	19	M	200	Spring
Naujaat	2005	7	19	F	200	Spring
Naujaat	2005	7	19	F	200	Spring
Naujaat	2005	7	19	F	200	Spring
Naujaat	2005	7	19	F	200	Spring
Naujaat	2006	6	25	F	176	Spring
Naujaat	2006	6	26	M	177	Spring
Naujaat	2006	6	29	M	180	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2006	6	29	M	180	Spring
Naujaat	2006	7	7	M	188	Spring
Naujaat	2006	7	7	M	188	Spring
Naujaat	2006	7	7	M	188	Spring
Naujaat	2006	7	7	M	188	Spring
Naujaat	2006	7	7	M	188	Spring
Naujaat	2006	7	7	M	188	Spring
Naujaat	2006	7	7	M	188	Spring
Naujaat	2006	7	8	M	189	Spring
Naujaat	2006	7	9	M	190	Spring
Naujaat	2006	7	9	M	190	Spring
Naujaat	2006	7	11	F	192	Spring
Naujaat	2006	7	15	F	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	F	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	M	196	Spring
Naujaat	2006	7	15	F	196	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	F	197	Spring
Naujaat	2006	7	16	F	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	F	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	F	197	Spring
Naujaat	2006	7	16	F	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	M	197	Spring
Naujaat	2006	7	16	F	197	Spring
Naujaat	2006	7	16	F	197	Spring
Naujaat	2006	7	16	M	197	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	M	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	M	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	M	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	M	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	17	M	198	Spring
Naujaat	2006	7	17	F	198	Spring
Naujaat	2006	7	19	M	200	Spring
Naujaat	2006	7	20	F	201	Spring
Naujaat	2006	7	23	F	204	Spring
Naujaat	2006	9	17	M	260	Fall
Naujaat	2006	9	17	M	260	Fall
Naujaat	2006	9	17	F	260	Fall
Naujaat	2007	7	2	F	183	Spring
Naujaat	2007	7	11	F	192	Spring
Naujaat	2007	7	19	M	200	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2007	7	19	F	200	Spring
Naujaat	2007	7	20	M	201	Spring
Naujaat	2007	7	20	M	201	Spring
Naujaat	2007	7	20	M	201	Spring
Naujaat	2007	7	20	F	201	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	F	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	F	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	F	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	F	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	M	203	Spring
Naujaat	2007	7	22	F	203	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2007	7	22	F	203	Spring
Naujaat	2007	7	23	M	204	Spring
Naujaat	2007	7	23	F	204	Spring
Naujaat	2007	7	23	F	204	Spring
Naujaat	2007	7	23	M	204	Spring
Naujaat	2007	7	23	F	204	Spring
Naujaat	2007	7	23	F	204	Spring
Naujaat	2007	7	23	M	204	Spring
Naujaat	2007	7	23	F	204	Spring
Naujaat	2007	7	23	M	204	Spring
Naujaat	2007	7	24	F	205	Summer
Naujaat	2007	7	24	F	205	Summer
Naujaat	2007	7	24	M	205	Summer
Naujaat	2007	7	25	M	206	Summer
Naujaat	2007	7	25	M	206	Summer
Naujaat	2007	7	25	F	206	Summer
Naujaat	2007	7	26	F	207	Summer
Naujaat	2007	7	26	F	207	Summer
Naujaat	2007	7	27	M	208	Summer
Naujaat	2007	7	27	F	208	Summer
Naujaat	2007	7	27	F	208	Summer
Naujaat	2007	7	28	M	209	Summer
Naujaat	2007	7	28	M	209	Summer
Naujaat	2007	7	28	M	209	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2007	7	28	M	209	Summer
Naujaat	2007	7	28	M	209	Summer
Naujaat	2007	7	28	M	209	Summer
Naujaat	2007	7	28	F	209	Summer
Naujaat	2007	7	30	M	211	Summer
Naujaat	2007	7	30	M	211	Summer
Naujaat	2007	7	30	M	211	Summer
Naujaat	2007	7	30	M	211	Summer
Naujaat	2007	7	30	M	211	Summer
Naujaat	2007	7	30	M	211	Summer
Naujaat	2007	7	30	M	211	Summer
Naujaat	2007	7	30	F	211	Summer
Naujaat	2007	8	4	F	216	Summer
Naujaat	2007	8	7	M	219	Summer
Naujaat	2007	8	7	M	219	Summer
Naujaat	2007	8	7	M	219	Summer
Naujaat	2007	8	7	F	219	Summer
Naujaat	2007	8	8	M	220	Summer
Naujaat	2007	8	8	M	220	Summer
Naujaat	2007	8	8	F	220	Summer
Naujaat	2007	9	1	M	244	Fall
Naujaat	2007	9	1	M	244	Fall
Naujaat	2008	7	7	M	189	Spring
Naujaat	2008	7	10	F	192	Spring
Naujaat	2008	7	11	F	193	Spring
Naujaat	2008	7	14	F	196	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2008	7	21	M	203	Spring
Naujaat	2008	7	21	M	203	Spring
Naujaat	2008	7	21	M	203	Spring
Naujaat	2008	7	24	M	206	Summer
Naujaat	2008	7	26	M	208	Summer
Naujaat	2008	7	29	M	211	Summer
Naujaat	2008	7	31	M	213	Summer
Naujaat	2008	7	31	M	213	Summer
Naujaat	2008	8	6	M	219	Summer
Naujaat	2008	8	7	M	220	Summer
Naujaat	2008	8	7	M	220	Summer
Naujaat	2008	8	7	M	220	Summer
Naujaat	2008	8	7	M	220	Summer
Naujaat	2008	8	7	M	220	Summer
Naujaat	2008	8	7	M	220	Summer
Naujaat	2008	8	17	M	230	Summer
Naujaat	2008	8	26	F	239	Fall
Naujaat	2008	8	26	M	239	Fall
Naujaat	2008	9	8	F	252	Fall
Naujaat	2008	9	15	F	259	Fall
Naujaat	2009	6	27	M	178	Spring
Naujaat	2009	6	27	F	178	Spring
Naujaat	2009	6	28	F	179	Spring
Naujaat	2009	6	28	F	179	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2009	7	8	F	189	Spring
Naujaat	2009	7	26	F	207	Summer
Naujaat	2009	7	26	F	207	Summer
Naujaat	2009	7	27	M	208	Summer
Naujaat	2009	7	27	M	208	Summer
Naujaat	2009	7	28	F	209	Summer
Naujaat	2009	7	28	M	209	Summer
Naujaat	2009	7	28	M	209	Summer
Naujaat	2009	7	28	F	209	Summer
Naujaat	2009	7	28	F	209	Summer
Naujaat	2009	7	28	M	209	Summer
Naujaat	2009	7	28	F	209	Summer
Naujaat	2009	7	28	F	209	Summer
Naujaat	2009	7	30	F	211	Summer
Naujaat	2009	8	1	M	213	Summer
Naujaat	2009	8	1	M	213	Summer
Naujaat	2009	8	1	M	213	Summer
Naujaat	2009	8	1	F	213	Summer
Naujaat	2009	8	1	M	213	Summer
Naujaat	2009	8	6	F	218	Summer
Naujaat	2009	8	6	F	218	Summer
Naujaat	2009	8	9	M	221	Summer
Naujaat	2009	8	9	M	221	Summer
Naujaat	2009	8	10	M	222	Summer
Naujaat	2009	8	12	M	224	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	12	F	224	Summer
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	12	M	224	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	NA	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	F	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	F	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	F	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	M	226	Summer
Naujaat	2009	8	14	F	226	Summer
Naujaat	2009	8	21	M	233	Summer
Naujaat	2009	8	21	M	233	Summer
Naujaat	2009	8	21	M	233	Summer
Naujaat	2009	8	21	M	233	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2009	8	22	F	234	Summer
Naujaat	2009	8	22	F	234	Summer
Naujaat	2009	8	22	M	234	Summer
Naujaat	2010	6	28	F	179	Spring
Naujaat	2010	6	29	M	180	Spring
Naujaat	2010	7	5	F	186	Spring
Naujaat	2010	7	5	M	186	Spring
Naujaat	2010	7	5	M	186	Spring
Naujaat	2010	7	14	F	195	Spring
Naujaat	2010	7	17	F	198	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2010	7	20	F	201	Spring
Naujaat	2010	7	20	F	201	Spring
Naujaat	2010	7	20	M	201	Spring
Naujaat	2010	7	20	F	201	Spring
Naujaat	2010	7	20	M	201	Spring
Naujaat	2010	7	20	F	201	Spring
Naujaat	2010	7	20	NA	201	Spring
Naujaat	2010	7	20	F	201	Spring
Naujaat	2010	7	24	M	205	Summer
Naujaat	2010	7	24	M	205	Summer
Naujaat	2010	7	24	F	205	Summer
Naujaat	2010	7	24	F	205	Summer
Naujaat	2010	7	25	F	206	Summer
Naujaat	2010	7	25	F	206	Summer
Naujaat	2010	7	25	M	206	Summer
Naujaat	2010	7	25	M	206	Summer
Naujaat	2010	7	25	F	206	Summer
Naujaat	2010	7	25	M	206	Summer
Naujaat	2010	7	25	F	206	Summer
Naujaat	2010	7	25	F	206	Summer
Naujaat	2010	7	25	M	206	Summer
Naujaat	2010	7	25	M	206	Summer
Naujaat	2010	7	25	M	206	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	F	207	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	F	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	F	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	F	207	Summer
Naujaat	2010	7	26	F	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	F	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	F	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	F	207	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	F	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	F	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2010	7	26	M	207	Summer
Naujaat	2011	6	24	M	175	Spring
Naujaat	2011	6	24	M	175	Spring
Naujaat	2011	6	25	F	176	Spring
Naujaat	2011	6	25	F	176	Spring
Naujaat	2011	6	25	F	176	Spring
Naujaat	2011	6	25	M	176	Spring
Naujaat	2011	6	25	F	176	Spring
Naujaat	2011	7	15	M	196	Spring
Naujaat	2011	7	16	M	197	Spring
Naujaat	2011	7	16	M	197	Spring
Naujaat	2011	7	16	F	197	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2011	7	16	M	197	Spring
Naujaat	2011	7	16	M	197	Spring
Naujaat	2011	7	16	M	197	Spring
Naujaat	2011	7	16	M	197	Spring
Naujaat	2011	7	16	M	197	Spring
Naujaat	2011	7	16	F	197	Spring
Naujaat	2011	7	16	F	197	Spring
Naujaat	2011	7	16	F	197	Spring
Naujaat	2011	7	16	F	197	Spring
Naujaat	2011	7	16	F	197	Spring
Naujaat	2011	7	17	M	198	Spring
Naujaat	2011	7	19	M	200	Spring
Naujaat	2011	7	20	F	201	Spring
Naujaat	2011	7	20	M	201	Spring
Naujaat	2011	7	20	F	201	Spring
Naujaat	2011	7	20	M	201	Spring
Naujaat	2011	7	21	M	202	Spring
Naujaat	2011	7	21	F	202	Spring
Naujaat	2011	7	21	M	202	Spring
Naujaat	2011	7	21	M	202	Spring
Naujaat	2011	7	21	F	202	Spring
Naujaat	2011	7	21	M	202	Spring
Naujaat	2011	7	21	F	202	Spring
Naujaat	2011	7	21	F	202	Spring
Naujaat	2011	7	22	F	203	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2011	7	22	F	203	Spring
Naujaat	2011	7	22	M	203	Spring
Naujaat	2011	7	22	M	203	Spring
Naujaat	2011	7	22	F	203	Spring
Naujaat	2011	7	22	M	203	Spring
Naujaat	2011	7	22	F	203	Spring
Naujaat	2011	7	22	M	203	Spring
Naujaat	2011	7	22	M	203	Spring
Naujaat	2011	7	22	F	203	Spring
Naujaat	2011	7	22	F	203	Spring
Naujaat	2011	7	22	F	203	Spring
Naujaat	2011	7	22	M	203	Spring
Naujaat	2011	7	22	F	203	Spring
Naujaat	2011	7	22	F	203	Spring
Naujaat	2011	7	22	F	203	Spring
Naujaat	2011	7	23	F	204	Spring
Naujaat	2011	7	23	M	204	Spring
Naujaat	2011	7	24	F	205	Summer
Naujaat	2011	7	24	M	205	Summer
Naujaat	2011	7	24	M	205	Summer
Naujaat	2011	7	24	M	205	Summer
Naujaat	2011	7	24	M	205	Summer
Naujaat	2011	7	24	F	205	Summer
Naujaat	2011	7	24	F	205	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2011	7	24	M	205	Summer
Naujaat	2011	7	24	M	205	Summer
Naujaat	2011	7	24	F	205	Summer
Naujaat	2011	7	24	M	205	Summer
Naujaat	2011	7	24	F	205	Summer
Naujaat	2011	7	24	M	205	Summer
Naujaat	2011	7	24	F	205	Summer
Naujaat	2011	7	24	F	205	Summer
Naujaat	2011	7	25	M	206	Summer
Naujaat	2012	6	28	F	180	Spring
Naujaat	2012	6	29	F	181	Spring
Naujaat	2012	7	3	M	185	Spring
Naujaat	2012	7	5	M	187	Spring
Naujaat	2012	7	17	F	199	Spring
Naujaat	2012	7	18	F	200	Spring
Naujaat	2012	7	18	M	200	Spring
Naujaat	2012	7	20	F	202	Spring
Naujaat	2012	7	21	F	203	Spring
Naujaat	2012	7	22	M	204	Spring
Naujaat	2012	7	22	F	204	Spring
Naujaat	2012	7	22	F	204	Spring
Naujaat	2012	7	22	M	204	Spring
Naujaat	2012	7	22	F	204	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2012	7	22	F	204	Spring
Naujaat	2012	7	22	M	204	Spring
Naujaat	2012	7	22	M	204	Spring
Naujaat	2012	7	22	F	204	Spring
Naujaat	2012	7	22	M	204	Spring
Naujaat	2012	7	22	M	204	Spring
Naujaat	2012	7	22	F	204	Spring
Naujaat	2012	7	22	F	204	Spring
Naujaat	2012	7	22	M	204	Spring
Naujaat	2012	7	25	M	207	Summer
Naujaat	2012	7	25	M	207	Summer
Naujaat	2012	7	25	M	207	Summer
Naujaat	2012	7	25	M	207	Summer
Naujaat	2012	7	25	M	207	Summer
Naujaat	2012	7	25	F	207	Summer
Naujaat	2012	7	25	M	207	Summer
Naujaat	2012	7	25	M	207	Summer
Naujaat	2012	7	25	F	207	Summer
Naujaat	2012	7	25	M	207	Summer
Naujaat	2012	7	25	M	207	Summer
Naujaat	2012	7	28	F	210	Summer
Naujaat	2012	7	28	F	210	Summer
Naujaat	2012	7	28	F	210	Summer
Naujaat	2012	7	28	F	210	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2012	7	28	M	210	Summer
Naujaat	2012	8	8	F	221	Summer
Naujaat	2012	8	9	F	222	Summer
Naujaat	2012	8	10	F	223	Summer
Naujaat	2012	8	11	F	224	Summer
Naujaat	2012	8	16	F	229	Summer
Naujaat	2012	8	18	M	231	Summer
Naujaat	2013	6	23	F	174	Spring
Naujaat	2013	6	24	F	175	Spring
Naujaat	2013	6	25	M	176	Spring
Naujaat	2013	6	27	M	178	Spring
Naujaat	2013	6	27	M	178	Spring
Naujaat	2013	7	4	F	185	Spring
Naujaat	2013	7	5	F	186	Spring
Naujaat	2013	7	13	M	194	Spring
Naujaat	2013	7	13	F	194	Spring
Naujaat	2013	7	13	F	194	Spring
Naujaat	2013	7	13	M	194	Spring
Naujaat	2013	7	18	M	199	Spring
Naujaat	2013	7	18	F	199	Spring
Naujaat	2013	7	20	M	201	Spring
Naujaat	2013	7	20	M	201	Spring
Naujaat	2013	7	20	M	201	Spring
Naujaat	2013	7	20	F	201	Spring
Naujaat	2013	7	20	F	201	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2013	7	20	F	201	Spring
Naujaat	2013	7	20	M	201	Spring
Naujaat	2013	7	20	M	201	Spring
Naujaat	2013	7	20	F	201	Spring
Naujaat	2013	7	20	M	201	Spring
Naujaat	2013	7	20	F	201	Spring
Naujaat	2013	7	21	F	202	Spring
Naujaat	2013	7	21	F	202	Spring
Naujaat	2013	7	22	M	203	Spring
Naujaat	2013	7	22	M	203	Spring
Naujaat	2013	7	22	M	203	Spring
Naujaat	2013	7	22	F	203	Spring
Naujaat	2013	7	22	F	203	Spring
Naujaat	2013	7	22	M	203	Spring
Naujaat	2013	7	22	F	203	Spring
Naujaat	2013	7	23	F	204	Spring
Naujaat	2013	7	23	M	204	Spring
Naujaat	2013	7	23	M	204	Spring
Naujaat	2013	7	24	M	205	Summer
Naujaat	2013	7	24	M	205	Summer
Naujaat	2013	7	24	M	205	Summer
Naujaat	2013	7	24	M	205	Summer
Naujaat	2013	7	25	F	206	Summer
Naujaat	2013	7	25	F	206	Summer
Naujaat	2013	7	25	M	206	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2013	7	26	F	207	Summer
Naujaat	2013	7	26	F	207	Summer
Naujaat	2013	7	27	M	208	Summer
Naujaat	2013	7	27	F	208	Summer
Naujaat	2013	8	1	M	213	Summer
Naujaat	2013	8	1	F	213	Summer
Naujaat	2013	8	2	M	214	Summer
Naujaat	2013	8	2	F	214	Summer
Naujaat	2013	8	2	F	214	Summer
Naujaat	2013	8	2	F	214	Summer
Naujaat	2013	8	2	F	214	Summer
Naujaat	2013	8	2	M	214	Summer
Naujaat	2013	8	2	M	214	Summer
Naujaat	2013	8	2	F	214	Summer
Naujaat	2013	8	2	M	214	Summer
Naujaat	2013	8	2	F	214	Summer
Naujaat	2013	8	2	F	214	Summer
Naujaat	2013	8	2	M	214	Summer
Naujaat	2013	8	4	M	216	Summer
Naujaat	2013	8	4	M	216	Summer
Naujaat	2013	8	4	M	216	Summer
Naujaat	2013	8	4	F	216	Summer
Naujaat	2013	8	4	M	216	Summer
Naujaat	2013	8	5	M	217	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2013	8	5	M	217	Summer
Naujaat	2013	8	6	M	218	Summer
Naujaat	2013	8	6	M	218	Summer
Naujaat	2013	8	6	M	218	Summer
Naujaat	2013	8	6	M	218	Summer
Naujaat	2013	8	6	F	218	Summer
Naujaat	2013	8	6	F	218	Summer
Naujaat	2013	8	6	F	218	Summer
Naujaat	2013	8	7	M	219	Summer
Naujaat	2013	8	12	M	224	Summer
Naujaat	2013	8	12	F	224	Summer
Naujaat	2013	8	12	M	224	Summer
Naujaat	2013	8	12	M	224	Summer
Naujaat	2013	8	12	M	224	Summer
Naujaat	2013	8	22	M	234	Summer
Naujaat	2014	6	26	F	177	Spring
Naujaat	2014	6	28	M	179	Spring
Naujaat	2014	7	24	F	205	Summer
Naujaat	2014	7	24	F	205	Summer
Naujaat	2014	7	24	F	205	Summer
Naujaat	2014	7	25	M	206	Summer
Naujaat	2014	7	25	M	206	Summer
Naujaat	2014	7	25	M	206	Summer
Naujaat	2014	7	25	M	206	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2014	7	25	F	206	Summer
Naujaat	2014	7	25	M	206	Summer
Naujaat	2014	7	25	M	206	Summer
Naujaat	2014	7	25	M	206	Summer
Naujaat	2014	7	25	M	206	Summer
Naujaat	2014	7	25	M	206	Summer
Naujaat	2014	7	25	F	206	Summer
Naujaat	2014	7	26	F	207	Summer
Naujaat	2014	7	26	F	207	Summer
Naujaat	2014	7	26	M	207	Summer
Naujaat	2014	7	26	M	207	Summer
Naujaat	2014	7	26	M	207	Summer
Naujaat	2014	7	26	M	207	Summer
Naujaat	2014	7	26	M	207	Summer
Naujaat	2014	7	26	F	207	Summer
Naujaat	2014	7	26	F	207	Summer
Naujaat	2014	7	26	M	207	Summer
Naujaat	2014	7	26	F	207	Summer
Naujaat	2014	7	26	F	207	Summer
Naujaat	2014	7	26	M	207	Summer
Naujaat	2014	7	26	M	207	Summer
Naujaat	2014	7	26	F	207	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2014	7	26	M	207	Summer
Naujaat	2014	7	26	F	207	Summer
Naujaat	2014	7	26	F	207	Summer
Naujaat	2014	7	27	M	208	Summer
Naujaat	2014	7	27	M	208	Summer
Naujaat	2014	7	27	M	208	Summer
Naujaat	2014	7	27	M	208	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	28	F	209	Summer
Naujaat	2014	7	28	F	209	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	28	F	209	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	28	F	209	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	28	F	209	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	28	M	209	Summer
Naujaat	2014	7	29	F	210	Summer
Naujaat	2014	7	29	F	210	Summer
Naujaat	2014	7	29	F	210	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2014	7	29	M	210	Summer
Naujaat	2014	7	29	F	210	Summer
Naujaat	2014	7	29	F	210	Summer
Naujaat	2014	7	29	F	210	Summer
Naujaat	2014	7	29	F	210	Summer
Naujaat	2014	7	29	F	210	Summer
Naujaat	2014	7	29	F	210	Summer
Naujaat	2014	7	30	F	211	Summer
Naujaat	2014	7	31	F	212	Summer
Naujaat	2014	7	31	F	212	Summer
Naujaat	2014	7	31	M	212	Summer
Naujaat	2014	8	1	F	213	Summer
Naujaat	2014	8	2	M	214	Summer
Naujaat	2014	8	2	F	214	Summer
Naujaat	2014	8	3	M	215	Summer
Naujaat	2014	8	3	M	215	Summer
Naujaat	2014	8	3	M	215	Summer
Naujaat	2014	8	3	M	215	Summer
Naujaat	2014	8	3	M	215	Summer
Naujaat	2014	8	7	F	219	Summer
Naujaat	2014	8	10	F	222	Summer
Naujaat	2014	8	20	NA	232	Summer
Naujaat	2014	8	20	NA	232	Summer
Naujaat	2014	8	20	NA	232	Summer
Naujaat	2014	8	20	NA	232	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2014	8	20	F	232	Summer
Naujaat	2014	8	20	NA	232	Summer
Naujaat	2014	8	26	M	238	Fall
Naujaat	2014	8	27	F	239	Fall
Naujaat	2015	7	6	F	187	Spring
Naujaat	2015	7	11	F	192	Spring
Naujaat	2015	7	13	M	194	Spring
Naujaat	2015	7	14	F	195	Spring
Naujaat	2015	7	16	M	197	Spring
Naujaat	2015	8	3	F	215	Summer
Naujaat	2015	8	3	F	215	Summer
Naujaat	2015	8	3	F	215	Summer
Naujaat	2015	8	3	F	215	Summer
Naujaat	2015	8	4	M	216	Summer
Naujaat	2015	8	4	F	216	Summer
Naujaat	2015	8	4	F	216	Summer
Naujaat	2015	8	4	M	216	Summer
Naujaat	2015	8	19	F	231	Summer
Naujaat	2015	8	21	M	233	Summer
Naujaat	2015	8	23	F	235	Summer
Naujaat	2015	8	23	M	235	Summer
Naujaat	2015	8	24	F	236	Summer
Naujaat	2015	8	25	F	237	Fall
Naujaat	2015	8	27	M	239	Fall

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2015	8	27	M	239	Fall
Naujaat	2015	8	30	F	242	Fall
Naujaat	2015	9	2	F	245	Fall
Naujaat	2015	9	5	M	248	Fall
Naujaat	2015	9	5	M	248	Fall
Naujaat	2015	9	5	F	248	Fall
Naujaat	2015	9	5	M	248	Fall
Naujaat	2015	9	5	M	248	Fall
Naujaat	2015	9	5	M	248	Fall
Naujaat	2015	9	5	M	248	Fall
Naujaat	2015	9	6	M	249	Fall
Naujaat	2015	9	6	M	249	Fall
Naujaat	2015	9	6	F	249	Fall
Naujaat	2015	9	6	F	249	Fall
Naujaat	2015	9	6	M	249	Fall
Naujaat	2015	9	6	M	249	Fall
Naujaat	2015	9	10	M	253	Fall
Naujaat	2015	9	10	M	253	Fall
Naujaat	2015	9	10	M	253	Fall
Naujaat	2015	9	11	M	254	Fall
Naujaat	2015	9	15	M	258	Fall
Naujaat	2016	6	27	F	179	Spring
Naujaat	2016	6	29	M	181	Spring
Naujaat	2016	7	2	M	184	Spring

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2016	7	2	F	184	Spring
Naujaat	2016	7	2	F	184	Spring
Naujaat	2016	7	4	F	186	Spring
Naujaat	2016	7	14	F	196	Spring
Naujaat	2016	7	14	M	196	Spring
Naujaat	2016	7	14	M	196	Spring
Naujaat	2016	7	14	F	196	Spring
Naujaat	2016	7	14	M	196	Spring
Naujaat	2016	7	14	F	196	Spring
Naujaat	2016	7	16	F	198	Spring
Naujaat	2016	7	18	F	200	Spring
Naujaat	2016	7	18	F	200	Spring
Naujaat	2016	7	19	M	201	Spring
Naujaat	2016	7	19	M	201	Spring
Naujaat	2016	7	20	F	202	Spring
Naujaat	2016	7	20	M	202	Spring
Naujaat	2016	7	21	M	203	Spring
Naujaat	2016	7	21	F	203	Spring
Naujaat	2016	7	26	F	208	Summer
Naujaat	2016	7	26	M	208	Summer
Naujaat	2016	7	27	F	209	Summer
Naujaat	2016	8	10	F	223	Summer
Naujaat	2016	8	14	F	227	Summer
Naujaat	2016	8	14	M	227	Summer
Naujaat	2016	8	16	M	229	Summer

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2016	8	16	M	229	Summer
Naujaat	2016	8	17	M	230	Summer
Naujaat	2016	8	18	M	231	Summer
Naujaat	2016	8	18	M	231	Summer
Naujaat	2016	8	21	M	234	Summer
Naujaat	2016	8	21	M	234	Summer
Naujaat	2016	8	21	M	234	Summer
Naujaat	2016	8	22	M	235	Summer
Naujaat	2016	8	22	M	235	Summer
Naujaat	2016	8	23	M	236	Summer
Naujaat	2016	8	23	M	236	Summer
Naujaat	2016	8	23	M	236	Summer
Naujaat	2016	8	27	F	240	Fall
Naujaat	2016	8	27	M	240	Fall
Naujaat	2016	8	28	M	241	Fall
Naujaat	2016	8	28	M	241	Fall
Naujaat	2016	8	28	M	241	Fall
Naujaat	2016	8	28	M	241	Fall
Naujaat	2016	8	28	M	241	Fall
Naujaat	2016	8	28	M	241	Fall
Naujaat	2016	8	29	F	242	Fall
Naujaat	2016	8	29	M	242	Fall
Naujaat	2016	8	29	M	242	Fall

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Naujaat	2016	8	29	M	242	Fall
Naujaat	2016	8	30	F	243	Fall
Naujaat	2016	8	30	F	243	Fall
Naujaat	2016	8	30	F	243	Fall
Naujaat	2016	8	30	M	243	Fall
Naujaat	2016	9	2	F	246	Fall
Naujaat	2016	9	3	M	247	Fall
Naujaat	2016	9	3	M	247	Fall
Naujaat	2016	9	3	M	247	Fall
Naujaat	2016	9	3	M	247	Fall
Naujaat	2016	9	3	M	247	Fall
Naujaat	2016	9	3	F	247	Fall
Naujaat	2016	10	12	M	286	Fall
Naujaat	2016	10	14	M	288	Fall

Community	Year	Spring	Summer	Fall	Total	% Spring	% Summer	% Fall
Naujaat	2002	35	21	0	56	62.5	37.5	0.0
Naujaat	2003	10	28	0	38	26.3	73.7	0.0
Naujaat	2004	14	92	0	106	13.2	86.8	0.0
Naujaat	2005	72	0	0	72	100.0	0.0	0.0
Naujaat	2006	72	0	3	75	96.0	0.0	4.0
Naujaat	2007	38	34	2	74	51.4	45.9	2.7
Naujaat	2008	7	14	4	25	28.0	56.0	16.0
Naujaat	2009	5	92	0	97	5.2	94.8	0.0
Naujaat	2010	15	56	0	71	21.1	78.9	0.0
Naujaat	2011	53	17	0	70	75.7	24.3	0.0
Naujaat	2012	25	23	0	48	52.1	47.9	0.0
Naujaat	2013	36	47	0	83	43.4	56.6	0.0
Naujaat	2014	2	85	2	89	2.2	95.5	2.2
Naujaat	2015	5	14	24	43	11.6	32.6	55.8
Naujaat	2016	21	20	27	68	30.9	29.4	39.7

Community	Kill Year	Kill Month	Kill Day	Sex	DoY	Season
Whale Cove	2005	7	20	M	201	Spring
Whale Cove	2006	8	28	M	240	Fall
Whale Cove	2009	8	18	M	230	Summer
Whale Cove	2010	7	25	F	206	Summer
Whale Cove	2011	7	21	F	202	Spring
Whale Cove	2012	7	17	F	199	Spring
Whale Cove	2012	7	19	F	201	Spring
Whale Cove	2013	8	10	F	222	Summer
Whale Cove	2013	8	14	F	226	Summer
Whale Cove	2013	8	17	M	229	Summer
Whale Cove	2013	8	17	F	229	Summer
Whale Cove	2015	9	9	F	252	Fall

Community	Year	Spring	Summer	Fall	Total	% Spring	% Summer	% Fall
Whale Cove	2005	1	0	0	1	100.0	0.0	0.0
Whale Cove	2006	0	0	1	1	0.0	0.0	100.0
Whale Cove	2009	0	1	0	1	0.0	100.0	0.0
Whale Cove	2010	0	1	0	1	0.0	100.0	0.0
Whale Cove	2011	1	0	0	1	100.0	0.0	0.0
Whale Cove	2012	2	0	0	2	233.0	0.0	0.0
Whale Cove	2013	0	4	1	5	0.0	80.0	20.0