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2002 MIGRATORY BIRD HARVEST DATA
COLLECTION PROJECT
BERING STRAIT/NORTON SOUND REGION

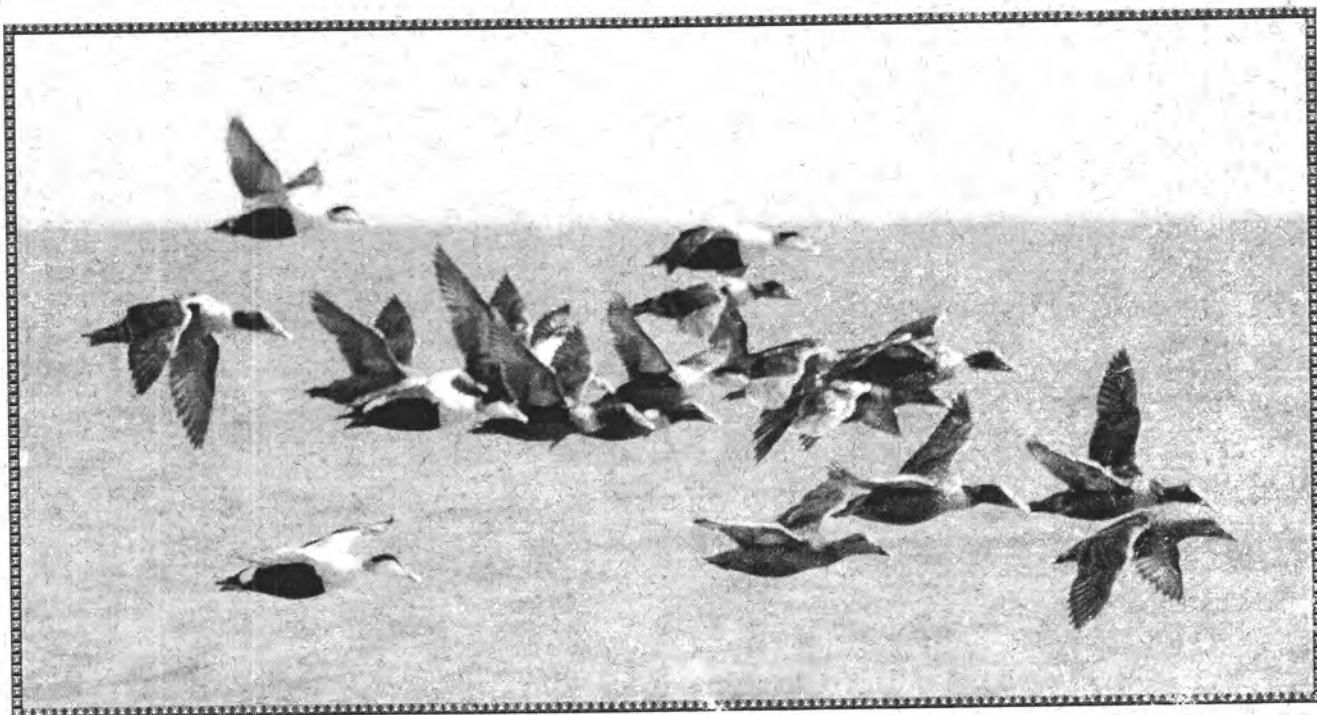


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KAWERAK, INC.
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SUBSISTENCE DIVISION
P.O. BOX 948
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JANUARY 2003.

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We would also like to express our gratitude to the following IRA Traditional Councils for their support of our subsistence efforts and permission to conduct the Migratory Bird Harvest Survey in their communities:

<u>Brevig Traditional Council</u>	<u>St. Michael IRA Council</u>
<u>Council Traditional Council</u>	<u>Savoonga IRA Council</u>
<u>Elim IRA Council</u>	<u>Shaktoolik IRA Council</u>
<u>Gambell IRA Council</u>	<u>Shishmaref IRA Council</u>
<u>Chignik Eskimo Community</u>	<u>Stebbins Community Association</u>
<u>King Island Native Community</u>	<u>Teller Traditional Council</u>
<u>Koyuk IRA Council</u>	<u>Wales IRA Council</u>
<u>Nome Eskimo Community</u>	<u>White Mountain IRA Council</u>

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Arctic Tern

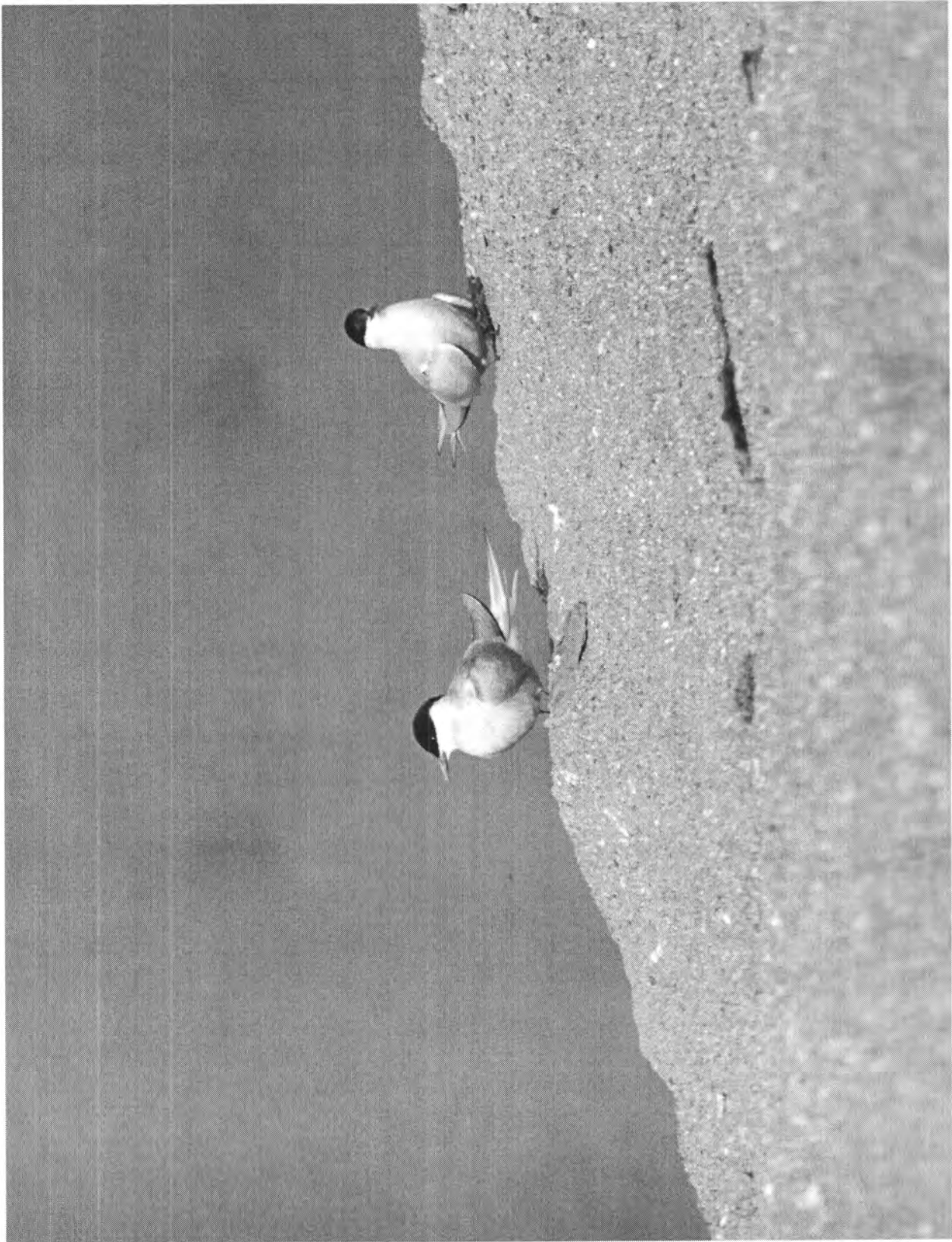


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Erica "Yamani" Outwater



2003 Outwater Collection

2002 Migratory Bird Harvest Data Collection Project
Bering Straits/Norton Sound Region
Project Report

I. INTRODUCTION.

Birds are an important resource to the Bering Strait/Norton Sound region. The indigenous inhabitants utilize various species of birds for food, clothing, cultural, traditional, and spiritual purposes. Increasing conservation efforts of numerous bird species utilized by regional peoples have necessitated a need to accurately determine the subsistence harvest levels of both birds and eggs of migratory and other bird species to address management issues responsibly. Limited information has been collected quantifying the number of birds and eggs harvested by species. Household surveys were available for only some communities and years, including Stebbins in 1990 (Wolfe 1981), Gambell in 1984 (Little and Robins 1984), Shishmaref in 1983 (Sobelman 1984), Brevig Mission, Golovin, and Shishmaref in 1989 (Conger and Magdanz 1990), Gambell and Savoonga in 1993 (Wentworth 1994) and Brevig Mission, Diomede, Elim, Golovin, Koyuk, King Island Native Community, Nome, Shaktoolik, Shishmaref, Stebbins, Teller, Unalakleet, Wales, and White Mountain in 1995 (Paige, Scott, Anderson, Georgette, and Wolfe 1996). *→ Paige et al (1996) cannot find Wentworth (1994)*

In 1997, the United States Senate ratified protocols amending the migratory bird treaties with Canada and Mexico, empowering the U.S. Fish & Wildlife Service to open spring and summer subsistence migratory bird hunting in Alaska. The protocol with Canada required that Alaska's indigenous inhabitants be given meaningful roles in management bodies concerning migratory bird conservation. This led to the formation of the Alaska Migratory Bird Co-Management Council (AMBCC). The AMBCC is comprised of representatives from Alaska Native non-profit organizations, the U.S. Fish & Wildlife Service, and the Alaska Department of Fish & Game.

The 2002 Migratory Bird Harvest Data Collection Project was a pilot project of, and funded by, the U.S. Fish and Wildlife Service. Four of the eleven regions involved in the Alaska Migratory Bird Co-management Council were asked to conduct the survey and gather their regional spring, summer and fall bird and egg harvest data. Kawerak, Inc. was contracted by U.S. Fish & Wildlife to gather the harvest data for the Bering Strait/Norton Sound Region. This data is then evaluated by the Alaska Migratory Bird Co-management Council to assist them in the development of recommendations for spring and summer harvest regulations.

This report summarizes information on subsistence harvests of migratory and other birds and eggs in the Bering Strait/Norton Sound region of Alaska, based on surveys of households in 12 of 16 regional communities. The report presents information on species harvested, timing of harvests, and numbers of birds and eggs taken at the community and regional levels. The project was an effort to accurately determine the subsistence harvest of birds and eggs in all 16 regional communities within the Bering Strait/Norton Sound region. Due to timing and other factors the survey was successfully completed in 12 communities. The geographic areas covered by this project are consistent with both the Kawerak, Inc. service area, and the Bering Strait Alaska Native Claims Act regional boundaries. The 2002 Migratory Bird Harvest Data Collection Project was a collaborative effort involving regional tribal governments, Kawerak, Inc., and the U.S. Fish and Wildlife Service.

Participation.

Kawerak's guiding principles regarding conducting harvest surveys within the region is to first obtain informed consent from the local tribal government via tribal governing resolution. When harvest surveys are approved, household participation in the survey is voluntary and no names are used on the survey forms.

The 2002 Migratory Bird Harvest Survey in the Bering Strait/Norton Sound Region was successful with twelve of sixteen tribal governments choosing to participate. Villages participating in the 2002 Migratory Bird Harvest Survey were Brevig Mission, Elim, Gambell, Koyuk, Nome, Savoonga, Shaktolik, Shishmaref, Stebbins, St. Michael, Wales and White Mountain.

Survey Methodology.

This report presents information collected through household surveys administered in 12 of 16 Bering Strait/Norton Sound regional communities. Depending on the size of the community one or more local individuals were hired and trained to conduct the surveys.

The survey sample was identified through a harvest activity level stratification process. The stratification process began with a review of all households within a community to identify the household harvest activity level. The activity levels were:

- 1) **NONE** harvesters-households who harvest 0 birds/eggs per year;
- 2) **LOW** harvesters-households who harvest between one and 10 birds/eggs per year (all species combined); and
- 3) **HIGH** harvesters-households who harvest more than 10 birds/eggs per year (all species combined)

Harvest activity levels was based on the local surveyor's knowledge of the typical or approximate number of birds/eggs of all species that are usually taken by a household during the entire year. If the surveyor was unsure what category to put a household in, they were instructed to ask the household how many birds or eggs were harvested last year, or how many are usually harvested.

Once stratification was completed, tracking sheets were developed for each category and a random sample was derived by selecting 10% of none harvesting households, 15% of the low harvesting households, and 40% of the high harvesting households.

This form was the surveyor's final tracking sheet. They were given a list of None harvesters, one for Low harvesters and one for High harvesters. These forms were used to direct surveyors on whom to survey, how many households to survey, and in what random order they should be surveyed. Surveyors then went house to house to request participation and deliver the survey forms. If a household refused to participate, the surveyor chose an alternate household from the list until minimum sample percentages were achieved.

Table 1-1 on page 3 lists the number of reported households in each participating village and how many None harvesters, Low harvesters and High harvesters were reported by surveyors in each community.

Table 1-1.

2002 Migratory Bird Harvest Data Collection Project Reported Village Household None, Low & High Harvesters ~~2002~~ <i>None, Low & High Harvesting HHs</i> Bering Strait/Norton Sound Region				
Village Name	Total Number of Households	Total None Harvesters	Total Low Harvesters	Total High Harvesters
Brevig Mission	59	22	33	4
Elim	73	22	37	14
Gambell	131	69	32	30
Koyuk	75	8	23	44
Nome	1,031	562	81	55
Savoonga	140 <i>138</i>	38	54	46
Shaktolik	60	38	21	1
Shishmaref	134	24	22	88
Stebbins	112	28	60	24
St. Michael	82	45	21	16
Wales	45	22	18	5
White Mountain	67 <i>64</i>	34	9	21
Totals	2,009 <i>2,004</i>	912	411	348

****NOTE:** Nome stratification is not 100% due to the difficulty involved in contacting such a substantial number of households.

Survey Instrument.

The survey instrument itself was fairly simple to complete. The survey form contained three two-sided pictorial forms (one for spring, one for summer and one for fall), containing pictures migratory and other birds. Pictured were a tundra swan, a sandhill crane, 6 species of geese, an assortment of 20 different ducks, 4 different loons, 10 seabirds, 5 shorebirds, a ptarmigan, a grouse, an unidentified duck figure and one figure for other birds. Harvesters were simply asked to enter how many birds and eggs of the 51-pictured species of migratory and other birds they harvested in the 2002 spring, summer and fall seasons. Figure 1 and Figure 2 on pages 4 and 5 illustrate side one and side two of the spring sample survey instrument

Figure 1.

SUBSISTENCE HOUSEHOLD SURVEY SPRING (APRIL 1 - JUNE 30)			
PLEASE WRITE TOTAL NUMBER OF BIRDS CAUGHT AND EGGS GATHERED.			
Tundra Swan birds _____ eggs _____ 	 Sandhill Crane birds _____ eggs _____	White-fronted Goose birds _____ eggs _____ 	Lesser Canada Goose birds _____ eggs _____ 
Cackling Canada Goose birds _____ eggs _____ 	Lesser Snow Goose birds _____ eggs _____ 	Emperor Goose birds _____ eggs _____ 	Black Brant birds _____ eggs _____ 
Pintail birds _____ eggs _____ 	Mallard birds _____ eggs _____ 	Wigeon birds _____ eggs _____ 	Shoveler birds _____ eggs _____ 
Green-winged Teal birds _____ eggs _____ 	Scaup birds _____ eggs _____ 	Canvasback birds _____ eggs _____ 	Bufflehead birds _____ eggs _____ 
Harlequin birds _____ eggs _____ 	Goldeneye birds _____ eggs _____ 	Long-tailed duck birds _____ eggs _____ 	White-winged Scoter birds _____ eggs _____ 
Black Scoter birds _____ eggs _____ 	Surf Scoter birds _____ eggs _____ 	Common Merganser birds _____ eggs _____ 	Red-breasted Merganser birds _____ eggs _____ 
Common Eider birds _____ eggs _____ 	King Eider birds _____ eggs _____ 	Spectacled Eider birds _____ eggs _____ 	Steller's Eider birds _____ eggs _____ 

VH Code: _____

Figure 2.

SUBSISTENCE HOUSEHOLD SURVEY SPRING (APRIL 1 - JUNE 30)			
PLEASE WRITE TOTAL NUMBER OF BIRDS CAUGHT AND EGGS GATHERED.			
Yellow-billed Loon birds _____ eggs _____	Red-throated Loon birds _____ eggs _____	Common Loon birds _____ eggs _____	Pacific Loon birds _____ eggs _____
			
Auklet birds _____ eggs _____	Murre birds _____ eggs _____	Cormorant birds _____ eggs _____	Kittiwake birds _____ eggs _____
			
Guillemot birds _____ eggs _____	Mew Gull birds _____ eggs _____	Sabine's Gull birds _____ eggs _____	Glaucous Gull birds _____ eggs _____
			
Arctic Tern birds _____ eggs _____	Puffin birds _____ eggs _____	Bristle-thighed Curlew birds _____ eggs _____	Godwit birds _____ eggs _____
			
Whimbrel birds _____ eggs _____	Golden Plover birds _____ eggs _____	Small Shorebird birds _____ eggs _____	Unidentified Duck birds _____ eggs _____
			
Ptarmigan (non-migratory) birds _____ eggs _____	Spruce Grouse (non-migratory) birds _____ eggs _____	Other Bird _____ birds _____ eggs _____	
			
Surveyor Notes _____ Date of Pick-up: _____ VH Code: _____		Comments: _____	

The VH Code at the bottom left of both sides of the form is used for tracking survey forms to ensure all survey forms required were accounted for. The V number represents the community surveyed and the H number represents the household being surveyed. A sample VH Code for Elim for example would be 63-01. The 63 would designate the community of Elim, and the 01 would represent the randomly selected household number 1.

II. HARVEST SYNOPSIS.

Table 2-1 below lists each participating village's bird and egg harvests and the number of bird and egg species harvested, along with the Bering Strait/Norton Sound Region village totals.

Table 2-1.

2002 Migratory Bird Harvest Data Collection Project Harvest Numbers & Species by Village and Totals Bering Strait/Norton Sound Region				
Village Name	Number of Bird Species Harvested	Total Birds Harvested	Number of Egg Species Harvested	Total Eggs Harvested
Brevig Mission	16	521	12	327
Elim	15	452	12	648
Gambell	26	3,551	3	981
Koyuk	13	439	8	114
Nome	38	6,449	28	6,678
Savoonga	23	4,353	4	9,282
Shaktoolik	9	264	10	595
Shishmaref	19	975	15	692
Stebbins	21	999	12	181
St. Michael	15	774	3	31
Wales	9	58	0	0
White Mountain	7	316	4	208
Totals of Region	46	19,151	35	19,737

From the Table 2-1 above, 560% of the total birds harvested were caught in the spring season, 13% were harvested in the summer season and 27% were harvested in the fall season. The spring season was also successful with 94.6% of the total eggs harvested. The summer season produced only 4.75% of the total eggs harvested, and the fall season uncommonly made up 0.65% of eggs harvested. The fall egg harvest numbers may be mistaken for spring or summer season egg harvests.

Cormorants

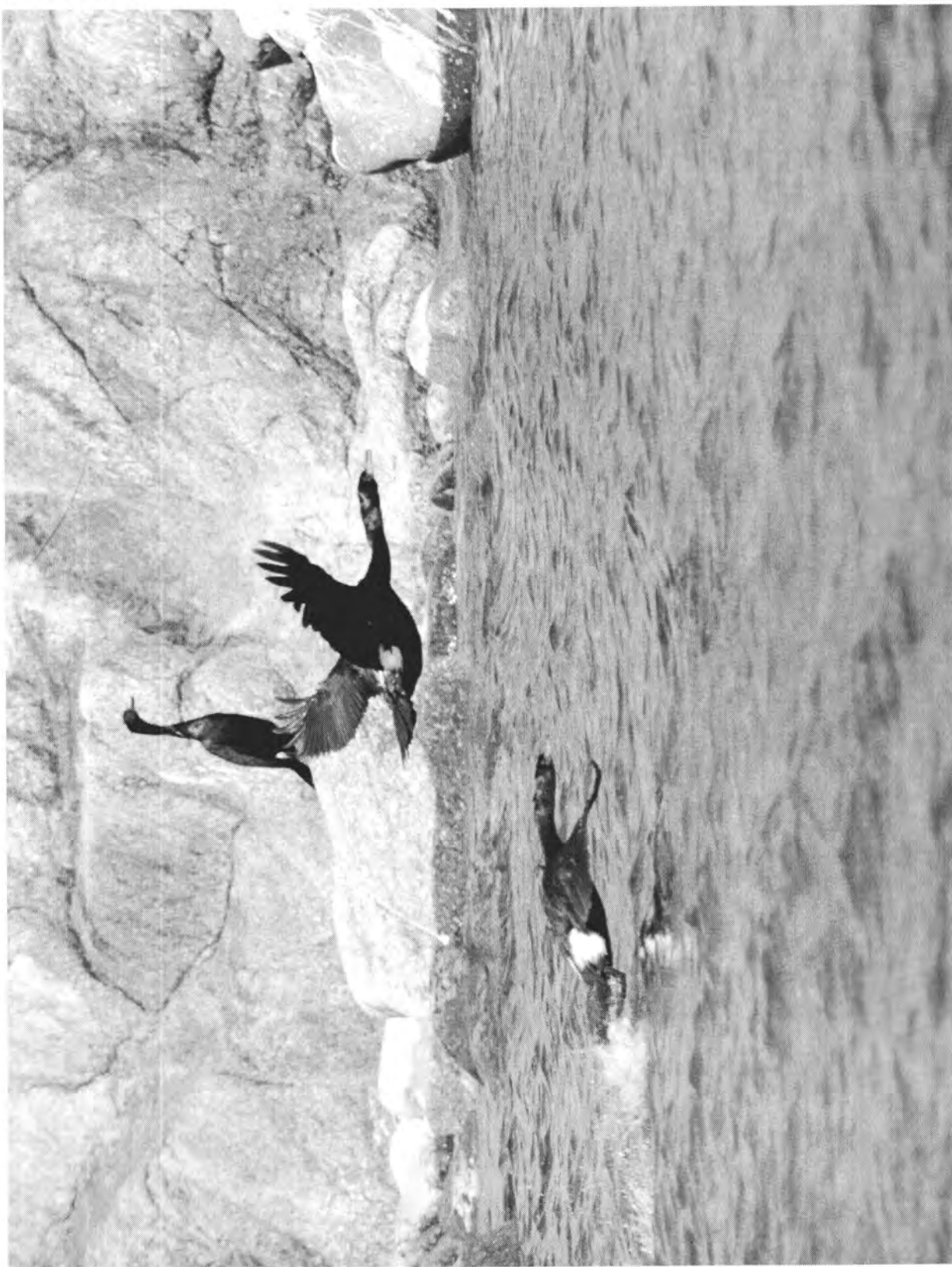


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American Wigeon



Photo Kawerak Inc. Subsistence Collection 2003

Table 2-2 below shows how many birds and eggs were taken by each household category and their percentage of the Bering Strait/Norton Sound Region total harvest.

Table 2-2.

2002 Migratory Bird Harvest Data Collection Project Bird & Egg Harvests by Harvester Category and Percent of the Bering Strait/Norton sound Region				
Harvester Category	Number of Birds Harvested	Percent of Birds in Region	Number of Eggs Harvested	Percent of Eggs in Region
None	1,312	6.85%	1,124	5.69%
Low	6,058	31.63%	8,825	44.71%
High	11,781	61.52%	9,788	49.59%

Table 2-3 below shows the bird and egg harvest numbers by season and totals.

Table 2-3.

2002 Migratory Bird Harvest Data Collection Project Harvest Totals by Season Bering Strait/Norton Sound Region								
	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Totals	11,477	18,671	2,534	938	5,140	128	19,151	19,737
Percentages	59.93%	94.60%	13.23%	4.75%	26.84%	0.65%	100.00%	100.00%

Primary Bird & Egg Harvests.

Of all the birds reported taken in the 2002 Bering Strait/Norton Sound migratory bird survey, the three largest numbers of birds taken were Murres with 2,781 reported, Ptarmigan with 2,556 birds, and Auklets with 2,281 birds harvested. Four other birds harvested exceeded the one thousand mark with Pintails reported at 1,455 birds taken, Lesser Snow Geese at 1,143 birds, Black Brant at 1,142 birds and the Lesser Canada Goose with 1,030 birds taken. Only two bird egg harvest numbers surpassed the one thousand-harvest plateau with Murre eggs reported at 15,438, and Glaucous Gull eggs at 1,077 taken. Other significant egg harvests reported were 901 Mew Gull and 481 Common Eider eggs.

Tundra Swan.

152 Tundra Swans were reported taken. 69 Tundra Swan eggs were gathered. Eleven of the twelve participating villages reported harvesting either birds or eggs.

Sandhill Crane.

539 Sandhill Crane were reported taken and 90 eggs gathered. All twelve communities harvested birds and nine reported gathering eggs. These numbers were fairly spread throughout the region.

Geese.

Of the six different geese in the survey, 4,429 birds were taken and 247 eggs were gathered. Again, these numbers were evenly distributed throughout the region. All twelve communities harvested geese ranging from 894 to 28 birds for an average of 369 per village. A reported 413 Emperor Geese was taken, and 8 eggs gathered.

Ducks.

The 20 species of duck combined totaled 3,745 birds taken and 823 eggs gathered. Once again, all communities harvested ducks and nine harvested eggs. Pintails comprised the majority of ducks harvested with 1,455 birds taken and 156 eggs gathered. Common Eiders were next with 590 birds and 481 eggs. There were 121 Spectacled Eider birds and 15 eggs reported this year.

Seabirds.

The Alcids family, or sea birds, and the Cormorant contributed the largest bird and egg harvest numbers of all other groups. Eleven communities harvested either birds or eggs or both. A total of 6,839 sea birds were reported taken, and 15,764 sea bird eggs reported gathered. Savoonga, Gambell and Nome were the main harvesters of this bird group.

Loons.

The four Loons, Yellow-billed, Red-throated, Common and Pacific Loon combined for a total of 345 birds taken and 69 eggs gathered. The Common Loon comprised the majority of the harvest with 265 birds taken and 59 eggs gathered. Nine communities recorded loons or loon eggs.

Shorebirds.

The shorebird family put a small dent in the bird and egg harvests with 30 birds caught and 245 eggs gathered. Only six communities reported harvesting shorebirds or their eggs.

Unidentified Ducks.

Unidentified duck numbers were low, with just 5 unknown birds taken and 46 unknown eggs gathered. All unidentified ducks were recorded in Nome.

Ptarmigan & Grouse.

The Ptarmigan and Spruce Grouse had a considerable number of birds harvested. Eight communities reported harvesting these birds. A total of 2,556 Ptarmigan were recorded and 186 Spruce Grouse. Only 30 Ptarmigan eggs were reported gathered.

Other Birds.

One Other Bird was recorded. One raven was taken in the Nome area.

Table 2-4, Harvest Numbers by Bird Group, Village & Totals on page 9, gives a detailed account of how many birds and eggs were harvested in each group of birds in the Bering Strait/Norton Sound Region. The number in parenthesis following the bird name indicates how many types of the species were in the survey.

Table 2-4.

2002 Migratory Bird Harvest Data Collection Project Harvest Numbers by Bird Group, Village & Totals Bird & Egg Harvest Numbers by Bird Group & Totals													
Bird Group & Number	Brevig Mission	Elim	Gambell	Koyuk	Nome	Savoonga	Shaktoolik	Shishmaref	Stebbins	St. Michael	Wales	White Mountain	Totals
<u>Tundra Swan</u>	8	2	19	0	69	9	1	7	22	15	0	0	152
<u>Eggs</u>	10	0	0	14	22	0	13	0	0	0	0	10	69
<u>Sandhill Crane</u>	7	48	48	87	164	10	37	8	58	68	2	2	539
<u>Eggs</u>	2	8	0	20	10	0	16	2	13	10	0	9	90
<u>Geese (6)</u>	339	166	518	93	894	484	202	423	537	490	28	255	4,429
<u>Eggs</u>	0	39	0	8	49	0	79	68	4	0	0	0	247
<u>Ducks (20)</u>	97	162	540	175	1,365	343	24	459	326	173	22	59	3,745
<u>Eggs</u>	82	165	24	24	247	48	60	126	47	0	0	0	823
<u>Seabirds (10)</u>	0	0	2,301	0	1,580	3,283	0	0	4	0	0	0	7,168
<u>Eggs</u>	140	428	957	44	6,224	9,234	427	401	53	21	0	189	18,118
<u>Loons (4)</u>	2	0	106	0	8	224	0	0	1	0	4	0	345
<u>Eggs</u>	20	5	0	4	30	0	0	8	2	0	0	0	69
<u>Shorebirds (5)</u>	0	0	19	0	6	0	0	0	0	0	0	0	25
<u>Eggs</u>	73	3	0	0	20	0	0	87	62	0	0	0	245
<u>Unidentified Duck</u>	0	0	0	0	5	0	0	0	0	0	0	0	5
<u>Eggs</u>	0	0	0	0	46	0	0	0	0	0	0	0	46
<u>Ptarmigan & Grouse</u>	68	74	0	84	2,357	0	0	78	51	28	2	0	2,742
<u>Eggs</u>	0	0	0	0	30	0	0	0	0	0	0	0	30
<u>Other Bird</u>	0	0	0	0	1	0	0	0	0	0	0	0	1
<u>Eggs</u>	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Birds	521	452	3,551	439	6,449	4,353	264	975	999	774	58	316	19,151
Bird Percentage	2.72%	2.36%	18.54%	2.29%	33.67%	22.73%	1.38%	5.09%	5.22%	4.04%	0.30%	1.65%	100.00%
Total Eggs	327	648	981	114	6,678	9,282	595	692	181	31	0	208	19,737
Egg Percentage	1.66%	3.28%	4.97%	0.58%	33.83%	47.03%	3.01%	3.51%	0.92%	0.16%	0.00%	1.05%	100.00%

III. VILLAGE HARVEST SUMMARY.

Table 3-1 shows total reported harvests and average harvests per households reported by village and their totals. The average in the totals row are averages of all participating communities.

Table 3-1.

2002 Migratory Bird Harvest Data Collection Project Average Harvests Per Household Bering Strait/Norton Sound Region				
Village Name	Total Reported Harvests		Average Harvests Per Household	
	# Birds	# Eggs	# Birds	# Eggs
Brevig Mission	521	327	8.83	5.54
Elim	452	648	6.19	8.88
Gambell	3,551	981	27.11	7.49
Koyuk	439	114	5.85	1.52
Nome	6,449	6,678	6.26	6.48
Savoonga	4,353	9,282	31.09	66.30
Shaktoolik	264	595	4.40	9.92
Shishmaref	975	692	7.28	5.16
Stebbins	999	181	9.08	1.65
St. Michael	774	31	9.44	0.38
Wales	58	0	1.29	0.00
White Mountain	316	208	4.94	3.25
Totals	19,151	19,737	10.15	9.71

Brevig Mission.

The Village of Brevig Mission had three major bird harvests of sixteen different species reported. The three were all geese, with 146 Black Brant, 79 Lesser Snow Geese and 75 Lesser Canada Geese reported. Their three main egg harvests of twelve were the Glaucous Gull, Arctic Tern, and Common Eider.

Elim.

The Village of Elim harvested 15 different species of birds. Elim's main bird harvests were the Pintail duck with 114 birds taken; the Lesser Canada Goose with 73 birds, and the Spruce Grouse with 64 birds harvested. The Spruce Grouse harvest was one of only three communities reporting any taken. Elim's main egg harvests out of twelve species were 258 Glaucous Gull eggs and 142 Common Eider eggs gathered.

Gambell.

Gambell's majority of birds were seabirds with 2,301 harvested. The three largest were the Auklet with 1,076 birds taken, the Murre with 876 birds, and the Cormorant at 261 birds reported. They also harvested 281 Common Eider ducks and 260 Emperor Geese. Gambell's main, and nearly only eggs reported were 957 Murre eggs. Gambell hunters and egg gathers harvested 26 species of birds and gathered 3 species of eggs.

Koyuk.

The Village of Koyuk had two major bird harvests out of 13 reported with 105 Pintail ducks and 87 Sandhill Cranes reported. They also accounted for 49 of the 186 Spruce Grouse reported this year. Koyuk also reported 8 species of bird eggs gathered, ranging from 30 to 8 eggs per species.

Nome.

The City of Nome harvested 38 different species of bird and 28 different species of eggs. The two largest numbers of birds reported were the Ptarmigan with 2,284 and the Auklet with 766 birds reported. Nome was also the last of three communities to report Spruce Grouse with 73 birds taken. The largest numbers of eggs gathered were the Murre eggs with 4,886 collected, and the Mew Gull and Glaucous Gull with 461 and 318 respectively.

One interesting statistic was that King Island Native Community contributed 48.7% of Nome's birds reported, and 81.7% of Nome's eggs reported. With only 33 households taking part in the survey, they reported 3,141 birds taken and 5,456 eggs gathered.

Savoonga.

Savoonga reported 23 different bird species and 4 egg species gathered. Two of the 23 birds combined for over half of their total birds harvested. Hunters reported 1,677 Murre birds taken and 701 Cormorants harvested. While only gathering 4 different egg species, the Village of Savoonga collected 47.03% of the total eggs reported in the Bering Strait/Norton Sound Region. Their largest egg harvest was 9,204 Murre eggs reported.

Shaktoolik.

The Village of Shaktoolik reported 9 species of birds harvested and 10 species of eggs collected. The major bird harvest was the Lesser Canada Goose with 102 birds recorded. Of the 10 egg species recorded, the two largest were the Murre eggs with 320 recorded and the Mew Gull with 101 eggs reported gathered.

Shishmaref.

Shishmaref declared a total of 19 different species of birds and 15 different egg species. The three largest bird harvests were 341 Pintail ducks, 148 Lesser Canada Geese and 118 Black Brant. Egg gatherers' three largest species of eggs gathered with 369 Glaucous Gull eggs gathered, and 75 Common Eider and 75 Small Shorebird eggs recorded.

Stebbins.

The Village of Stebbins's two largest bird harvests were 328 Lesser Snow Geese and 152 Pintail ducks. The largest egg harvest was 58 Shorebird eggs. Their remaining harvest numbers were divided between 21 bird species ranging from 99 to 1, and 12 bird egg species ranging from 99 to 1.

St. Michael.

St. Michael harvested 15 species of birds. St. Michael main bird harvests were 224 Lesser Snow Geese, 120 Cackling Canada Geese and 107 Pintails. There were also 31 eggs gathered split between 3 species.

Wales.

Wales reported low harvest numbers. The two largest bird harvests were 23 Black Brant and 19 Pintail ducks harvested. 16 more birds were harvested between seven different species. Their bird harvests numbers were divided between 9 different species. No eggs were reported gathered this year.

White Mountain.

White Mountain recorded 7 bird species with a total of 316, and 4 species of eggs with a total of 208 gathered. The two major birds harvests were 160 Black Brant and 93 Lesser Canada Geese. The largest egg harvest was 164 Mew Gull eggs.

IV. MIGRATORY BIRD HARVEST SURVEY COMPARISONS.

When comparing the 2002 Migratory Bird Harvest Survey expanded numbers to the "Subsistence Use of Birds in the Bering Strait Region, Alaska", Technical Paper No.239, published by the Alaska Department of Fish & Game in 1996, there were 8 of 11 villages with decreases in bird harvests and 9 of 11 with decreases in egg harvests.

The average decline of bird harvests between the 8 villages was 1,482 birds, with an average reduction of 45.25% per community. The two largest percentages of declines were Wales with a 90.97% decline, and White Mountain with a decline of 80.17%. Both Nome and Stebbins showed reduced harvests of over 3,000 birds, but with lower percentage declines.

The average decline in egg harvests of the 9 villages was 1,630 eggs for a reduction of 60.03% per village. Six of the nine villages showed declines of more than 1,000 eggs gathered with Gambell having the largest drop of 5,081 eggs harvested.

The most significant differences were the bird and egg harvest increases for Savoonga. Bird harvests increased 580% and egg harvests increased 452%. Gambell also had an increase of 119% of bird harvests. These increases offset all other village harvest declines. The increases out number all harvest decreases to show a net increase of 969 birds per village and 1,358 eggs per village.

Table 4-1 on page 13, 2002 Harvest Comparison With Mid 1990 Surveys, shows the comparison between surveys conducted by the Alaska Department of Fish & Game, Division of Subsistence and Kawerak, Inc. between 1989-1995 and the 2002 Migratory Bird Harvest Survey. All harvest numbers are expanded numbers to include all households in each community.

Table 4-1.

2002 Migratory Bird Harvest Data Collection Project 2002 Harvest Comparison With Mid 1990 Surveys Bering Strait/Norton Sound Region						
Village Name	Year Surveyed	Previous Surveys			2002 M.B.H.S.	
		# Birds Harvested	# Eggs Harvested	# Birds Harvested	# Eggs Harvested	Bird Harvest Increase or Decrease & %
Brevig Mission	1995	896	2,019	1,098	630	202 22.54%
Diomed Island	1995	2,194	3,888	NDA	NDA	-
Elim	1994	1,178	2,190	1,028	1,698	-150 -12.73%
Gambell	1993	6,191	7,043	13,575	1,962	7,384 119.27%
Golovin	1989	2,263	733	NDA	NDA	-
Koyuk	1995	1,437	1,222	1,259	353	-178 -12.39%
Nome	1995	10,165	9,017	6,897	7,256	-3,268 -32.15%
Savoonga	1993	2,573	6,532	17,497	36,051	14,924 580.02%
Shaktolik	1994	1,016	1,318	492	1,406	-524 -51.57%
Shishmaref	1995	6,599	5,560	5,392	4,061	-1,207 -18.29%
Stebbins	1994	5,465	778	1,983	181	-3,482 -63.71%
St. Michael	NDA	NDA	NDA	1,269	113	-
Teller	1995	825	320	NDA	NDA	-
Uanlakleet	1995	2,436	291	NDA	NDA	-
Wales	1994	698	1,125	63	0	-635 -90.97%
White Mountain	1995	3,006	2,253	596	394	-2,410 -80.17%
Totals		46,942	44,289	51,149	54,105	969 Average Increase Per Village
						1,358 Average Increase Per Village

*NDA--No Data Available

NOTE: All harvest numbers are expanded to include all households for each community. Increases per village include only those communities with data available in both surveys.

V. 2002 HARVEST NUMBERS BY SEASON –SPRING, SUMMER AND FALL.

The following tables numbered 5-1 through 5-13, 2002 Harvest Numbers by Season – Spring, Summer and Fall contain detailed bird and egg harvest numbers and their totals of each species by season for each participating village, and the Bering Strait/Norton Sound Region total harvest numbers.

	<u>2002 Migratory Bird Harvest Numbers by Season – Spring, Summer and Fall</u>	
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Northern Shoveler



Photo Kawerak Inc. Subsistence Collection 2003

Common Eiders

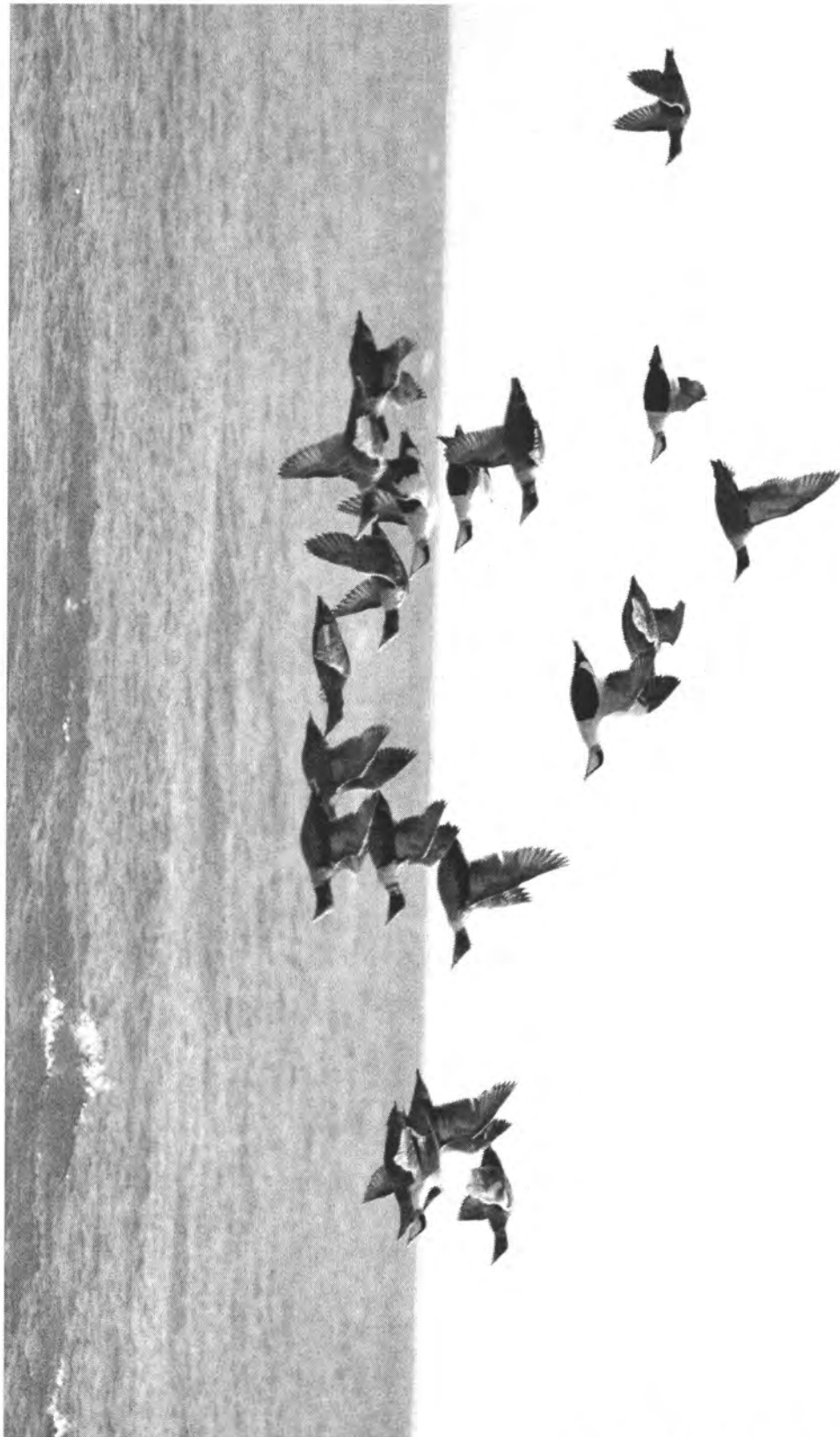


Photo Kawerak Inc. Subsistence Collection 2003

Table 5-1.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of Brevig Mission								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan	4	10	2		2		8	10
Sandhill Crane	2	2			5		7	2
White Fronted Goose	15						15	-
Lesser Canada Goose	41		9		25		75	-
Cackling Canada Goose	16		2		6		24	-
Lesser Snow Goose	77		2				79	-
Emperor Goose							-	-
Black Brant	110		21		15		146	-
Pintail	4	7			56		60	7
Mallard	9						9	-
Wigeon			4		4		8	-
Shoveler	1						1	-
Green-winged Teal					2		2	-
Scaup	2						2	-
Canvasback							-	-
Bufflehead							-	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck		10					-	10
White-winged Scoter							-	-
Black Scoter							-	-
Surf Scoter							-	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider	7	61			8		15	61
King Eider		4					-	4
Spectacled Eider							-	-
Steller's Eider							-	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon		20					-	20
Pacific Loon	2						2	-
Auklet							-	-
Murre							-	-
Cormorant							-	-
Kittiwake							-	-
Guillemot							-	-
Mew Gull		8					-	8
Sabine's Gull							-	-
Glaucous Gull		75					-	75
Arctic Tern		57					-	57
Puffin							-	-
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel							-	-
Golden Plover		19					-	19
Small Shorebird		54					-	54
Unidentified Duck							-	-
Ptarmigan	20				48		68	-
Spruce Grouse							-	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	310	327	40	0	171	0	521	327

Table 5-2.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of Elim								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan	2						2	-
Sandhill Crane	21	8			27		48	8
White Fronted Goose	20				8		28	-
Lesser Canada Goose	36	15			37		73	15
Cackling Canada Goose	16	24			9		25	24
Lesser Snow Goose	8						8	-
Emperor Goose							-	-
Black Brant	25				7		32	-
Pintail	77	19			37		114	19
Mallard	1				4		5	-
Wigeon	14				2		16	-
Shoveler	2		2		6		10	-
Green-winged Teal	4				8		12	-
Scaup							-	-
Canvasback							-	-
Bufflehead							-	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck							-	-
White-winged Scoter							-	-
Black Scoter							-	-
Surf Scoter							-	-
Common Merganser		4					-	4
Red-breasted Merganser							-	-
Common Eider	5	142					5	142
King Eider							-	-
Spectacled Eider							-	-
Steller's Eider							-	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon		5					-	5
Pacific Loon							-	-
Auklet							-	-
Murre		30					-	30
Cormorant							-	-
Kittiwake		62					-	62
Guillemot							-	-
Mew Gull		78					-	78
Sabine's Gull							-	-
Glaucous Gull		258					-	258
Arctic Tern							-	-
Puffin							-	-
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel							-	-
Golden Plover							-	-
Small Shorebird		3					-	3
Unidentified Duck							-	-
Ptarmigan					10		10	-
Spruce Grouse					64		64	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	231	648	2	0	219	0	452	648

Table 5-3.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of Gambell								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan	4		9		6		19	-
Sandhill Crane	20		22		6		48	-
White Fronted Goose	3						3	-
Lesser Canada Goose	4		2				6	-
Cackling Canada Goose			5				5	-
Lesser Snow Goose	29				110		139	-
Emperor Goose	87		49		124		260	-
Black Brant	51		6		48		105	-
Pintail	17				26		43	-
Mallard							-	-
Wigeon							-	-
Shoveler							-	-
Green-winged Teal	1						1	-
Scaup							-	-
Canvasback							-	-
Bufflehead							-	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck	21		30				51	-
White-winged Scoter							-	-
Black Scoter	2						2	-
Surf Scoter							-	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider	164	12	26		91		281	12
King Eider	69	12	11		35		115	12
Spectacled Eider					47		47	-
Steller's Eider							-	-
Yellow Billed Loon	24		4		16		44	-
Red-throated Loon	2						2	-
Common Loon	26		2		2		30	-
Pacific Loon	4		20		6		30	-
Auklet	982		94				1,076	-
Murre	772	957	94		10		876	957
Cormorant	118		46		97		261	-
Kittiwake							-	-
Guillemot							-	-
Mew Gull							-	-
Sabine's Gull							-	-
Glaucous Gull	4		3		77		84	-
Arctic Tern							-	-
Puffin	4						4	-
Bristle-thighed Curlew							-	-
Godwit			1				1	-
Whimbrel							-	-
Golden Plover	14				4		18	-
Small Shorebird							-	-
Unidentified Duck							-	-
Ptarmigan							-	-
Spruce Grouse							-	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	2,422	981	424	0	705	0	3,551	981

Table 5-4.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of Koyuk								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan		14					-	14
Sandhill Crane	38	20	2		47		87	20
White Fronted Goose	37		5				42	-
Lesser Canada Goose	23	8	1		7		31	8
Cackling Canada Goose	3						3	-
Lesser Snow Goose	12						12	-
Emperor Goose							-	-
Black Brant	5						5	-
Pintail	54	16	3		48		105	16
Mallard	15				15		30	-
Wigeon	4		2		14		20	-
Shoveler	2		2		10		14	-
Green-winged Teal	4		2				6	-
Scaup							-	-
Canvasback							-	-
Bufflehead							-	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck							-	-
White-winged Scoter							-	-
Black Scoter							-	-
Surf Scoter							-	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider		8					-	8
King Eider							-	-
Spectacled Eider							-	-
Steller's Eider							-	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon		4					-	4
Pacific Loon							-	-
Auklet							-	-
Murre		30					-	30
Cormorant							-	-
Kittiwake							-	-
Guillemot							-	-
Mew Gull							-	-
Sabine's Gull							-	-
Glaucous Gull				14			-	14
Arctic Tern							-	-
Puffin							-	-
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel							-	-
Golden Plover							-	-
Small Shorebird							-	-
Unidentified Duck							-	-
Ptarmigan					35		35	-
Spruce Grouse					49		49	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	197	100	17	14	225	0	439	114

Table 5-5.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region City of Nome								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan	43	22			26		69	22
Sandhill Crane	87	10	6		71		164	10
White Fronted Goose	6				2		8	-
Lesser Canada Goose	208	26	4	1	98		310	27
Cackling Canada Goose	70	10			27		97	10
Lesser Snow Goose	67				1		68	-
Emperor Goose							-	-
Black Brant	358	12	2		51		411	12
Pintail	235	43	48		175		458	43
Mallard	38	5	8		75		121	5
Wigeon	17				42		59	-
Shoveler	51	6	10		58		119	6
Green-winged Teal	41		19		59		119	-
Scaup	5	7	20		6		31	7
Canvasback	4		9		8		21	-
Bufflehead							-	-
Harlequin	42				21		63	-
Goldeneye							-	-
Long-tailed duck	4	20	12		4		20	20
White-winged Scoter	4						4	-
Black Scoter	31		70		13		114	-
Surf Scoter							-	-
Common Merganser	2						2	-
Red-breasted Merganser							-	-
Common Eider	81	144			50		131	144
King Eider	32	10			19		51	10
Spectacled Eider	2	8					2	8
Steller's Eider	35	4			15		50	4
Yellow Billed Loon	1	8					1	8
Red-throated Loon							-	-
Common Loon	2	14			5	6	7	20
Pacific Loon		2					-	2
Auklet	350	132	326	50	90		766	182
Murre	220	4,266		520	8	100	228	4,886
Cormorant	15				7		22	-
Kittiwake		124				4	-	128
Guillemot	1						1	-
Mew Gull	1	455				6	1	461
Sabine's Gull		6					-	6
Glaucous Gull	24	303	3	15			27	318
Arctic Tern		103				6	-	109
Puffin	308	130	172	4	55		535	134
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel					2		2	-
Golden Plover							-	-
Small Shorebird	4	20					4	20
Unidentified Duck		42	3	4	2		5	46
Ptarmigan	1122	24	126		1,036	6	2,284	30
Spruce Grouse	9				64		73	-
Other Bird					1		1	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	3,520	5,956	838	594	2,091	128	6,449	6,678

Reported only

Table 5-6.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of Savoonga								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan	5		4				9	-
Sandhill Crane	10						10	-
White Fronted Goose							-	-
Lesser Canada Goose							-	-
Cackling Canada Goose			5				5	-
Lesser Snow Goose	61		56		105		222	-
Emperor Goose	37		41		45		123	-
Black Brant	40		42		52		134	-
Pintail							-	-
Mallard							-	-
Wigeon							-	-
Shoveler							-	-
Green-winged Teal							-	-
Scaup							-	-
Canvasback	2						2	-
Bufflehead							-	-
Harlequin	10						10	-
Goldeneye							-	-
Long-tailed duck	10						10	-
White-winged Scoter	4		2				6	-
Black Scoter							-	-
Surf Scoter							-	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider	55		73		3		131	-
King Eider	66	41	45		6		117	41
Spectacled Eider	22	7	41		2		65	7
Steller's Eider	2						2	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon	36		66		121		223	-
Pacific Loon	1						1	-
Auklet	423		10		6		439	-
Murre	1,651	9,204	26				1,677	9,204
Cormorant	139		344		218		701	-
Kittiwake	27		148				175	-
Guillemot			34		215		249	-
Mew Gull	10	30					10	30
Sabine's Gull							-	-
Glaucous Gull	2		3		27		32	-
Arctic Tern							-	-
Puffin							-	-
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel							-	-
Golden Plover							-	-
Small Shorebird							-	-
Unidentified Duck							-	-
Ptarmigan							-	-
Spruce Grouse							-	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	2,613	9,282	940	0	800	0	4,353	9,282

Table 5-7.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of Shaktoolik								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan		13			1		1	13
Sandhill Crane	18	16			19		37	16
White Fronted Goose	17						17	-
Lesser Canada Goose	53	48			49		102	48
Cackling Canada Goose	22	31	2		37		61	31
Lesser Snow Goose	11				6		17	-
Emperor Goose							-	-
Black Brant	5						5	-
Pintail	3	20			9		12	20
Mallard	2	18			10		12	18
Wigeon							-	-
Shoveler							-	-
Green-winged Teal							-	-
Scaup							-	-
Canvasback							-	-
Bufflehead							-	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck							-	-
White-winged Scoter							-	-
Black Scoter							-	-
Surf Scoter							-	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider		22					-	22
King Eider							-	-
Spectacled Eider							-	-
Steller's Eider							-	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon							-	-
Pacific Loon							-	-
Auklet							-	-
Murre		320					-	320
Cormorant							-	-
Kittiwake							-	-
Guillemot							-	-
Mew Gull		91		10			-	101
Sabine's Gull							-	-
Glaucous Gull		6					-	6
Arctic Tern							-	-
Puffin							-	-
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel							-	-
Golden Plover							-	-
Small Shorebird							-	-
Unidentified Duck							-	-
Ptarmigan							-	-
Spruce Grouse							-	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	131	585	2	10	131	0	264	595

Table 5-8.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of Shishmaref								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan	5				2		7	-
Sandhill Crane	8	2					8	2
White Fronted Goose	46						46	-
Lesser Canada Goose	125	7	15		8		148	7
Cackling Canada Goose	26	6	10	1	6		42	7
Lesser Snow Goose	40	4	5				45	4
Emperor Goose	21		2	8	1		24	8
Black Brant	89	6	8	36	21		118	42
Pintail	166	15	79	12	96		341	27
Mallard	18				5		23	-
Wigeon	20						20	-
Shoveler	19				6		25	-
Green-winged Teal		24			2		2	24
Scaup	8						8	-
Canvasback							-	-
Bufflehead							-	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck	2				13		15	-
White-winged Scoter							-	-
Black Scoter							-	-
Surf Scoter							-	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider	11	55		20	4		15	75
King Eider	3						3	-
Spectacled Eider			3		4		7	-
Steller's Eider							-	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon		2		6			-	8
Pacific Loon							-	-
Auklet							-	-
Murre							-	-
Cormorant							-	-
Kittiwake							-	-
Guillemot							-	-
Mew Gull		20					-	20
Sabine's Gull							-	-
Glaucous Gull		237		132			-	369
Arctic Tern		12					-	12
Puffin							-	-
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel							-	-
Golden Plover		4		8			-	12
Small Shorebird		15		60			-	75
Unidentified Duck							-	-
Ptarmigan	50		10		18		78	-
Spruce Grouse							-	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	657	409	132	283	186	0	975	692

Table 5-9.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of Stebbins								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan	8		6		8		22	-
Sandhill Crane	35	11	7	2	16		58	13
White Fronted Goose	8		4	1	1		13	1
Lesser Canada Goose	52		6		35		93	-
Cackling Canada Goose	30	3	18		51		99	3
Lesser Snow Goose	328						328	-
Emperor Goose	1						1	-
Black Brant	3						3	-
Pintail	91	18	17	6	44		152	24
Mallard	16				6		22	-
Wigeon	11		2		8		21	-
Shoveler	40		16	6	16		72	6
Green-winged Teal	28		6		7		41	-
Scaup	2				2		4	-
Canvasback	2						2	-
Bufflehead	1						1	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck							-	-
White-winged Scoter							-	-
Black Scoter							-	-
Surf Scoter					1		1	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider	5	5	1	12	4		10	17
King Eider							-	-
Spectacled Eider							-	-
Steller's Eider							-	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon	1			2			1	2
Pacific Loon							-	-
Auklet							-	-
Murre							-	-
Cormorant	3				1		4	-
Kittiwake							-	-
Guillemot							-	-
Mew Gull		37		2			-	39
Sabine's Gull							-	-
Glaucous Gull		12					-	12
Arctic Tern				2			-	2
Puffin							-	-
Bristle-thighed Curlew							-	-
Godwit		4					-	4
Whimbrel							-	-
Golden Plover							-	-
Small Shorebird		54		4			-	58
Unidentified Duck							-	-
Ptarmigan	46				5		51	-
Spruce Grouse							-	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	711	144	83	37	205	0	999	181

Table 5-10.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of St. Michael								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan	6		3		6		15	-
Sandhill Crane	22	10	9		37		68	10
White Fronted Goose	11				35		46	-
Lesser Canada Goose	8		10		81		99	-
Cackling Canada Goose	22		2		96		120	-
Lesser Snow Goose	223				1		224	-
Emperor Goose					1		1	-
Black Brant							-	-
Pintail	22		20		65		107	-
Mallard	5				17		22	-
Wigeon	10				8		18	-
Shoveler					9		9	-
Green-winged Teal					13		13	-
Scaup							-	-
Canvasback							-	-
Bufflehead							-	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck							-	-
White-winged Scoter							-	-
Black Scoter							-	-
Surf Scoter							-	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider	1		1				2	-
King Eider	2						2	-
Spectacled Eider							-	-
Steller's Eider							-	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon							-	-
Pacific Loon							-	-
Auklet							-	-
Murre		11					-	11
Cormorant							-	-
Kittiwake							-	-
Guillemot							-	-
Mew Gull							-	-
Sabine's Gull							-	-
Glaucous Gull							-	-
Arctic Tern							-	-
Puffin		10					-	10
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel							-	-
Golden Plover							-	-
Small Shorebird							-	-
Unidentified Duck							-	-
Ptarmigan	28						28	-
Spruce Grouse							-	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	360	31	45	0	369	0	774	31

Table 5-11.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of Wales								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan							-	-
Sandhill Crane	2						2	-
White Fronted Goose							-	-
Lesser Canada Goose							-	-
Cackling Canada Goose							-	-
Lesser Snow Goose	1						1	-
Emperor Goose	4						4	-
Black Brant	17		4		2		23	-
Pintail	8		7		4		19	-
Mallard							-	-
Wigeon							-	-
Shoveler							-	-
Green-winged Teal							-	-
Scaup							-	-
Canvasback							-	-
Bufflehead							-	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck	1						1	-
White-winged Scoter							-	-
Black Scoter							-	-
Surf Scoter							-	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider							-	-
King Eider	2						2	-
Spectacled Eider							-	-
Steller's Eider							-	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon	4						4	-
Pacific Loon							-	-
Auklet							-	-
Murre							-	-
Cormorant							-	-
Kittiwake							-	-
Guillemot							-	-
Mew Gull							-	-
Sabine's Gull							-	-
Glaucous Gull							-	-
Arctic Tern							-	-
Puffin							-	-
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel							-	-
Golden Plover							-	-
Small Shorebird							-	-
Unidentified Duck							-	-
Ptarmigan	2						2	-
Spruce Grouse							-	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	41	0	11	0	6	0	58	-

Table 5-12.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region Village of White Mountain								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan		10					-	10
Sandhill Crane	2	9					2	9
White Fronted Goose							-	-
Lesser Canada Goose	74				19		93	-
Cackling Canada Goose	2						2	-
Lesser Snow Goose							-	-
Emperor Goose							-	-
Black Brant	160						160	-
Pintail	34				10		44	-
Mallard	10				1		11	-
Wigeon							-	-
Shoveler							-	-
Green-winged Teal	2				2		4	-
Scaup							-	-
Canvasback							-	-
Bufflehead							-	-
Harlequin							-	-
Goldeneye							-	-
Long-tailed duck							-	-
White-winged Scoter							-	-
Black Scoter							-	-
Surf Scoter							-	-
Common Merganser							-	-
Red-breasted Merganser							-	-
Common Eider							-	-
King Eider							-	-
Spectacled Eider							-	-
Steller's Eider							-	-
Yellow Billed Loon							-	-
Red-throated Loon							-	-
Common Loon							-	-
Pacific Loon							-	-
Auklet							-	-
Murre							-	-
Cormorant							-	-
Kittiwake							-	-
Guillemot							-	-
Mew Gull		164					-	164
Sabine's Gull							-	-
Glaucous Gull		25					-	25
Arctic Tern							-	-
Puffin							-	-
Bristle-thighed Curlew							-	-
Godwit							-	-
Whimbrel							-	-
Golden Plover							-	-
Small Shorebird							-	-
Unidentified Duck							-	-
Ptarmigan							-	-
Spruce Grouse							-	-
Other Bird							-	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	284	208	0	0	32	0	316	208

Table 5-13.

2002 Migratory Bird Harvest Numbers by Season Bering Strait/Norton Sound Region 2002 Bird & Egg Harvest Totals								
Bird Name	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
Tundra Swan	77	69	24	-	51	-	152	69
Sandhill Crane	265	88	46	2	228	-	539	90
White Fronted Goose	163	-	9	1	46	-	218	1
Lesser Canada Goose	624	104	47	1	359	-	1,030	105
Cackling Canada Goose	207	74	44	1	232	-	483	75
Lesser Snow Goose	857	4	63	-	223	-	1,143	4
Emperor Goose	150	-	92	8	171	-	413	8
Black Brant	863	18	83	36	196	-	1,142	54
Pintail	711	138	174	18	570	-	1,455	156
Mallard	114	23	8	-	133	-	255	23
Wigeon	76	-	8	-	78	-	162	-
Shoveler	115	6	30	6	105	-	250	12
Green-winged Teal	80	24	27	-	93	-	200	24
Scaup	17	7	20	-	8	-	45	7
Canvasback	8	-	9	-	8	-	25	-
Bufflehead	1	-	-	-	-	-	1	-
Harlequin	52	-	-	-	21	-	73	-
Goldeneye	-	-	-	-	-	-	-	-
Long-tailed duck	38	30	42	-	17	-	97	30
White-winged Scoter	8	-	2	-	-	-	10	-
Black Scoter	33	-	70	-	13	-	116	-
Surf Scoter	-	-	-	-	1	-	1	-
Common Merganser	2	4	-	-	-	-	2	4
Red-breasted Merganser	-	-	-	-	-	-	-	-
Common Eider	329	449	101	32	160	-	590	481
King Eider	174	67	56	-	60	-	290	67
Spectacled Eider	24	15	44	-	53	-	121	15
Steller's Eider	37	4	-	-	15	-	52	4
Yellow Billed Loon	25	8	4	-	16	-	45	8
Red-throated Loon	2	-	-	-	-	-	2	-
Common Loon	69	45	68	8	128	6	265	59
Pacific Loon	7	2	20	-	6	-	33	2
Auklet	1,755	132	430	50	96	-	2,281	182
Murre	2,643	14,818	120	520	18	100	2,781	15,438
Cormorant	275	-	390	-	323	-	988	-
Kittiwake	27	186	148	-	-	4	175	190
Guillemot	1	-	34	-	215	-	250	-
Mew Gull	11	883	-	12	-	6	11	901
Sabine's Gull	-	6	-	-	-	-	-	6
Glaucous Gull	30	916	9	161	104	-	143	1,077
Arctic Tern	-	172	-	2	-	6	-	180
Puffin	312	140	172	4	55	-	539	144
Bristle-thighed Curlew	-	-	-	-	-	-	-	-
Godwit	-	4	1	-	-	-	1	4
Whimbrel	-	-	-	-	2	-	2	-
Golden Plover	14	23	-	8	4	-	18	31
Small Shorebird	4	146	-	64	-	-	4	210
Unidentified Duck	-	42	3	4	2	-	5	46
Ptarmigan	1,268	24	136	-	1,152	6	2,556	30
Spruce Grouse	9	-	-	-	177	-	186	-
Other Bird	-	-	-	-	1	-	1	-
Totals	Spring		Summer		Fall		3 Season Totals	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs
	11,477	18,671	2,534	938	5,140	128	19,151	19,737

VI. 2002 EXPANDED BIRD AND EGG HARVEST NUMBERS.

Table 6-1 below shows how many households were surveyed in each category, how many households were reported in each community and what percentage of households were surveyed. The 22% in the Totals column is an average for all of the villages surveyed.

Table 6-1.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Village Households Surveyed by Category and Percents					
Village Name	None Harvesters	Low Harvesters	High Harvesters	Total Households	Percentage Surveyed
Brevig Mission	5	12	4	59	36%
Elim	4	7	13	73	33%
Gambell	6	8	15	131	22%
Koyuk	3	4	17	75	32%
Nome	57	68	53	1,031	17%
Savoonga	5	8	19	138 <i>140</i>	23%
Shaktoolik	7	13	1	60	35%
Shishmaref	3	3	17	134	17%
Stebbins	3	5	24	112	29%
St. Michael	5	5	11	82	26%
Wales	5	14	5	45	53%
White Mountain	5	5	11	64 <i>67</i>	33%
Totals	108	152	190	2,004 <i>2,019</i>	22%

From information gathered in the survey; how many households were in each community; how many households were in each category; and how many were actually surveyed; we were able to generate *Expanded Harvest Numbers* for each harvester category of each bird and egg harvested in each village. Expanded harvest numbers are estimated harvest numbers if all households were surveyed using the data available. The Expanded Harvest Bird and Egg Totals for each village are listed on page 29 in Table 6-2.

Willow Ptarmigan

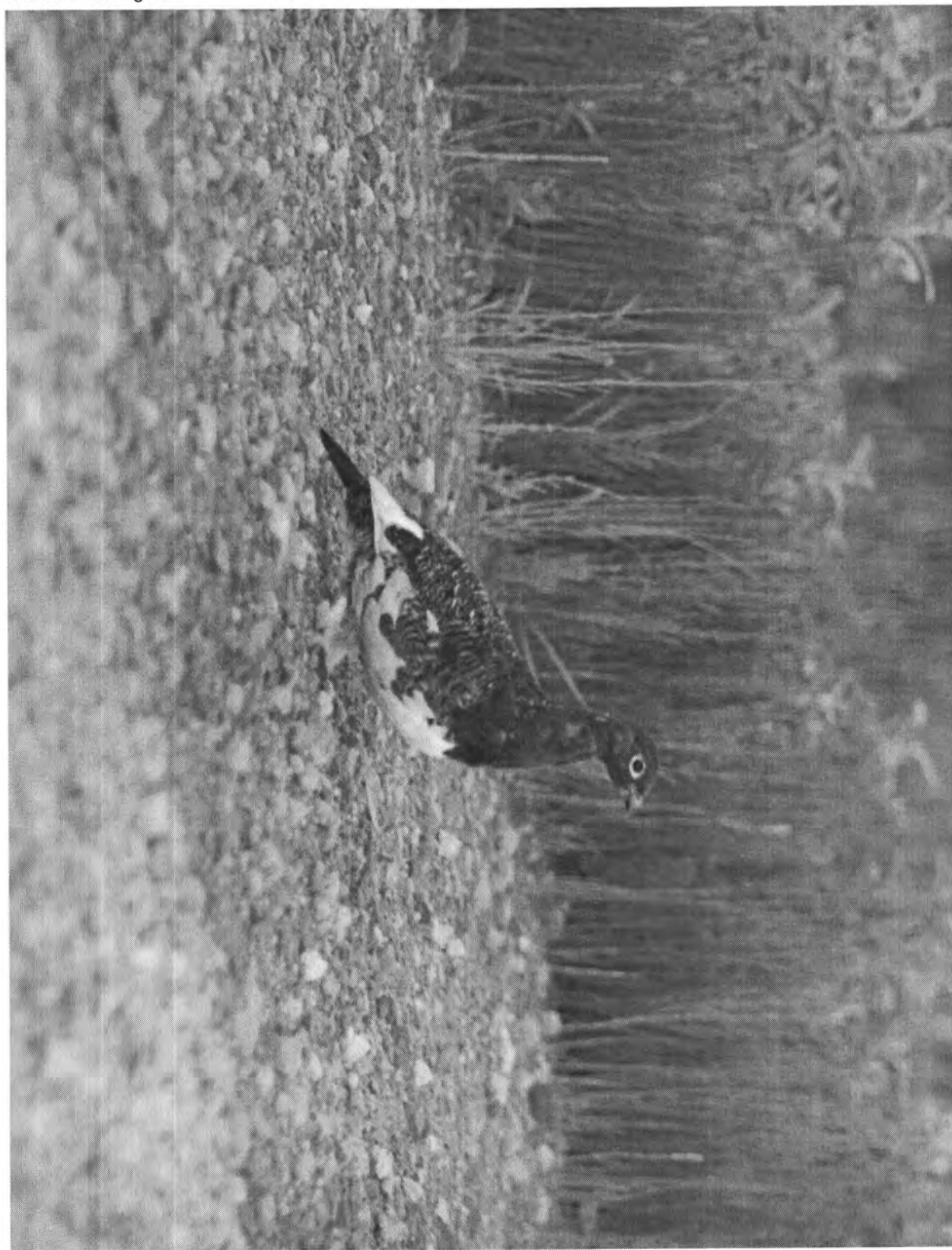


Photo Kawerak Inc. Subsistence Collection 2003

Northern Pintail

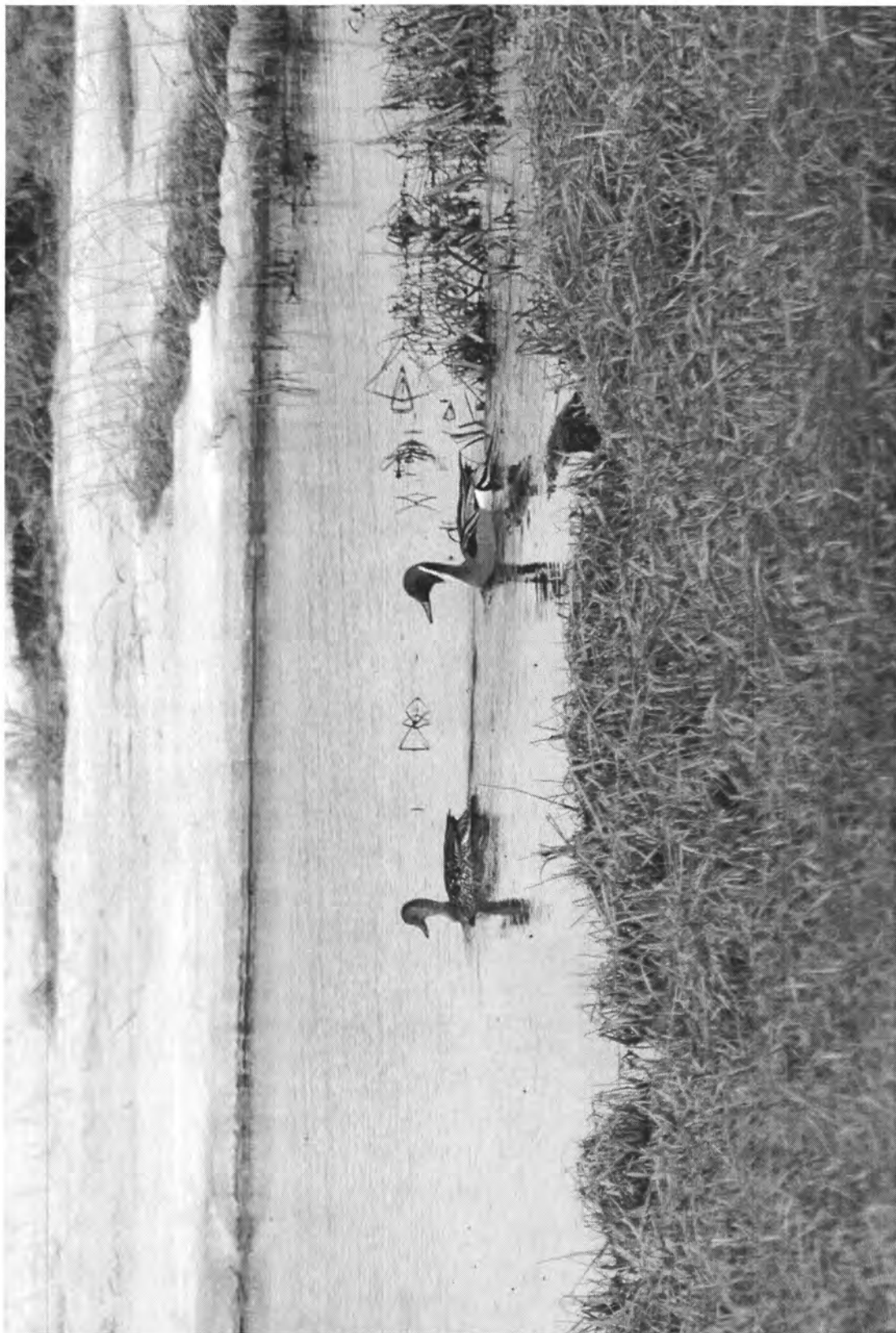


Photo Kawerak Inc. Subsistence Collection 2003

Table 6-2.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers by Village and Totals Bering Strait/Norton Sound Region		
Village Name	Total Expanded Number of Birds Harvested	Total Expanded Number of Eggs Harvested
<i>Brevig Mission</i>	1,098	630
<i>Elim</i>	1,028	1,698
<i>Gambell</i>	13,576	1,962
<i>Koyuk</i>	1,259	353
<i>Nome</i>	6,897	7,256
<i>Savoonga</i>	17,498	36,051
<i>Shaktoolik</i>	492	1,406
<i>Shishmaref</i>	5,392	4,061
<i>Stebbins</i>	1,983	181
<i>St. Michael</i>	1,269	114
<i>Wales</i>	63	0
<i>White Mountain</i>	596	394
Totals	51,149	54,107

The following 2002 Expanded Harvest Numbers, table numbers 6-3 through 6-15, give complete expanded bird and egg harvest numbers and totals of each species for each village surveyed in the Bering Strait/Norton Sound Region and their totals.

2002 Migratory Bird Expanded Harvest Numbers

Table 6-3	Village of Brevig Mission	30
Table 6-4	Village of Elim	31
Table 6-5	Village of Gambell	32
Table 6-6	Village of Koyuk	33
Table 6-7	City of Nome	34
Table 6-8	Village of Savoonga	35
Table 6-9	Village of Shaktoolik.....	36
Table 6-10	Village of Shishmaref.....	37
Table 6-11	Village of Stebbins	38
Table 6-12	Village of St. Michael.....	39
Table 6-13	Village of Wales	40
Table 6-14	Village of White Mountain.....	41
Table 6-15	Bering Strait/Norton Sound Region Totals.....	42

Table 6-3.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers
 Bering Strait/Norton Sound Region
 Village of Brevig Mission

Bird Name	None	None		None		Low	Low		High	High		Expanded Grand Totals														
		Total Birds	HH #	Aver. #	Expd #		Total Birds	HH #		Aver. #	Expd #		Grand Total	Grand Total												
													HH %	HH %	HH %	HH %	HH %	HH %								
													Survey	Survey	Survey	Survey	Survey	Survey								
													5	0.23	0.23	0.23	0.23	0.23								
													Birds	Eggs	Birds	Eggs	Birds	Eggs	Birds	Eggs	Birds	Eggs	Birds	Eggs	Birds	Eggs
Lundra Swan				-	-	0.00	0.00	0.00	6		0.50	-	16.50	0.00	2	10	0.50	2.50	2.00	10.00	18.50	10.00				
Sandhill Crane				-	-	0.00	0.00	0.00	5		0.42	-	13.75	0.00	2	2	0.50	0.50	2.00	2.00	15.75	2.00				
White Fronted Goose	4		0.80	-	-	17.50	0.00	0.00	11		0.92	-	30.25	0.00			-	-	0.00	0.00	47.55	0.00				
Lesser Canada Goose				-	-	0.00	0.00	0.00	58		4.83	-	159.50	0.00	17		4.25	-	17.00	0.00	176.50	0.00				
Cackling Canada Goose				-	-	0.06	0.00	0.00	17		1.42	-	48.75	0.00	7		1.75	-	7.00	0.00	53.75	0.00				
Lesser Snow Goose	1		0.20	-	-	4.40	0.00	0.00	54		4.50	-	148.50	0.00	24		6.00	-	24.00	0.00	176.90	0.00				
Emperor Goose				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Black Brant				-	-	0.00	0.00	0.00	74		6.17	-	203.50	0.00	72		18.00	-	72.00	0.00	275.50	0.00				
Pintail	4		0.80	-	-	17.50	0.00	0.00	24	7	2.00	0.58	66.00	19.25	32		8.00	-	32.00	0.00	115.60	0.00				
Mallard				-	-	0.00	0.00	0.00	9		0.75	-	24.75	0.00			-	-	0.00	0.00	24.75	0.00				
Wigeon				-	-	0.00	0.00	0.00			-	-	0.00	0.00			2.00	-	8.00	0.00	0.00	0.00				
Shoveler				-	-	0.00	0.00	0.00	1		0.08	-	2.75	0.00	8			-	0.00	0.00	0.00	0.00				
Green-winged Teal				-	-	0.00	0.00	0.00			-	-	0.00	0.00	2		0.50	-	2.00	0.00	2.75	0.00				
Scup				-	-	0.00	0.00	0.00	2		0.17	-	5.50	0.00			-	-	0.00	0.00	0.00	0.00				
Canvasback				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	5.50	0.00				
Bufflehead				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Harequin				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Goldeneye				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Long-billed duck				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
White-winged Scotler				-	-	0.00	0.00	0.00	4		0.33	-	0.00	11.00	6		-	-	0.00	0.00	0.00	0.00				
Black Scotler				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Surf Scotler				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Common Merganser				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Red-breasted Merganser				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Common Eider	6		1.20	-	-	0.00	26.40	0.00	13	25	1.08	2.08	35.75	68.75	2	30	0.50	7.50	2.00	30.00	37.75	125.15				
King Eider				-	-	0.00	0.00	0.00		4	-	0.33	0.00	11.00			-	-	0.00	0.00	0.00	0.00				
Speclacted Eider				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Stellers Eider				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Yellow Billed Loon				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Red-throated Loon				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Common Loon				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Pacific Loon				-	-	0.00	0.00	0.00	2		0.17	-	5.50	0.00	20		-	-	0.00	0.00	5.50	0.00				
Auklet				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Murre				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Cormorant				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Killiwake				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Guillemot				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Mew Gull				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Sabines Gull				-	-	0.00	0.00	0.00	8		0.67	-	0.00	22.00			-	-	0.00	0.00	0.00	0.00				
Glaucous Gull				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Arctic Tern				-	-	0.00	0.00	0.00	42		-	3.50	0.00	115.50	75	-	18.75	-	75.00	0.00	75.00	0.00				
Puffin				-	-	0.00	0.00	0.00			-	-	0.00	0.00	15		3.75	-	15.00	0.00	130.50	0.00				
Bristle-thighed Curlew				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Godwit				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Whimbrel				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Golden Plover	7		1.40	-	-	0.00	30.80	0.00		4	-	0.33	0.00	11.00	8		2.00	-	8.00	0.00	43.80	0.00				
Small Shorebird				-	-	0.00	0.00	0.00		54	-	4.50	0.00	148.50			-	-	0.00	0.00	0.00	0.00				
Undertended Duck				-	-	0.00	0.00	0.00			3.00	-	0.00	0.00	32		8.00	-	32.00	0.00	131.00	0.00				
Plumigan				-	-	0.00	0.00	0.00	36		-	-	99.00	0.00			-	-	0.00	0.00	0.00	0.00				
Spruce Grouse				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Other Bird				-	-	0.00	0.00	0.00			-	-	0.00	0.00			-	-	0.00	0.00	0.00	0.00				
Totals	9	13	1.80	2.60	39.60	57.20	312	148	26.00	12.33	858.00	407.00	200	166	50.00	41.50	200.00	166.00	1,097.60	630.20						

Table 6-4.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers																									
Bering Strait/Norton Sound Region																									
Village of Elim																									
Bird Name	None HH # Total Birds Harv.	None HH # Total Eggs Harv.	None Harvesters		Low HH # Total Eggs Harv.	Low Harvesters		High HH # Total Birds Harv.	High Harvesters		HH # Survey # Total Eggs Harv.	HH % Survey # Total Eggs Harv.	High Harvesters		Expanded Grand Totals										
			Expd # Birds	Expd # Eggs		Expd # Birds	Expd # Eggs		Expd # Birds	Expd # Eggs			Expd # Birds	Expd # Eggs	Total # Birds	Total # Eggs									
Tundra Swan				0.00				0.00		2			0.15		2.15		0.00		2.15		0.00				0.00
Sandhill Crane	3		0.75		8		16.50	0.00	8		42.29		1.14		39.85		8.62		39.85		8.62			98.63	0.00
White Fronted Goose				0.00	5		0.00	0.00	5		26.43		0.71		24.77		0.00		24.77		0.00		51.20	0.00	0.00
Lesser Canada Goose	16		4.00		5		88.00	0.00	5		26.43		0.71		56.00		16.15		56.00		16.15		170.43	16.15	0.00
Cackling Canada Goose	13		3.25				71.50	0.00			0.00				12.92		25.85		12.92		25.85		84.42	25.85	0.00
Lesser Snow Goose				0.00			0.00	0.00			0.00				8.62		0.00		8.62		0.00		8.62	0.00	0.00
Emperor Goose				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Black Brant				0.00	5		0.00	0.00	5		26.43		0.71		29.08		0.00		29.08		0.00		55.51	0.00	0.00
Pintail				0.00	31		0.00	0.00	31		163.86		4.43		89.38		20.46		89.38		20.46		253.24	20.46	0.00
Mallard				0.00			0.00	0.00			0.00				5.38		0.00		5.38		0.00		5.38	0.00	0.00
Wigeon				0.00			0.00	0.00			0.00				17.23		0.00		17.23		0.00		17.23	0.00	0.00
Shoveler				0.00	5		0.00	0.00	5		26.43		0.71		5.38		0.00		5.38		0.00		31.81	0.00	0.00
Green-winged Teal				0.00	4		0.00	0.00	4		21.14		0.57		8.62		0.00		8.62		0.00		29.76	0.00	0.00
Scaup				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Canvasback				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Bufflehead				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Harlequin				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Goldeneye				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Long-tailed duck				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
White-winged Scoter				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Black Scoter				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Surf Scoter				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Common Merganser				0.00			0.00	0.00			0.00		0.57		21.14		0.00		0.00		0.00		0.00	21.14	0.00
Red-breasted Merganser				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Common Eider				0.00	1		0.00	0.00	1		5.29		4.00		148.00		4		4.31		122.77		9.59	270.77	0.00
King Eider				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Speckled Eider				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Steller's Eider				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Yellow Billed Loon				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Red-throated Loon				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Common Loon				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Pacific Loon				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Auklet				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Murre	30		7.50			0.00	165.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	165.00	0.00
Cormorant				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Killwake	28		7.00			0.00	154.00	0.00	9		1.29				47.57		25		0.00		26.92		0.00	228.49	0.00
Guillemot				0.00			0.00	0.00							0.00		0.00		0.00		0.00		0.00	0.00	0.00
Mew Gull	10		2.50			0.00	55.00	0.00	8		1.14				42.29		60		0.00		64.62		0.00	161.90	0.00
Sabine's Gull				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Glaucous Gull	64		16.00			0.00	352.00	0.00	47		6.71				248.43		147		11.31		158.31		0.00	758.74	0.00
Arctic Tern				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Puffin				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Bristle-thighed Curlew				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Godwit				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Whimbrel				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Golden Plover				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Small Shorebird				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Unidentified Duck				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Plumbeous Duck				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Spruce Grouse	19		4.75			104.50	0.00	11			1.57				58.14		34		2.62		36.62		0.00	199.26	0.00
Other Bird				0.00			0.00	0.00			0.00				0.00		0.00		0.00		0.00		0.00	0.00	0.00
Totals	51	132	12.75	33.00	75	280.50	726.00	99	75	99	10.71	14.14		396.43	523.29	326	417	25.08	32.08		449.08	351.08	1,028.01	1,698.36	

Table 6-5.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers

**Bering Strait/Norton Sound Region
Village of Gambell**

Bird Name	None Total Birds Survey	None HH # Survey	None HH % Survey	None Harvesters		Low Total Birds Survey	Low HH # Survey	Low HH % Survey	Low Harvesters		High Total Birds Survey	High HH # Survey	High HH % Survey	High Harvesters		Expanded Grand Totals
				Expd # Birds	Expd # Eggs				Expd # Birds	Expd # Eggs				Expd # Birds	Expd # Eggs	
Lundra Swan	2			23.00	0.00	2			8.00	0.00	15			30.00	0.00	61.00
Sandhill Crane	12			138.00	0.00	13			52.00	0.00	23			46.00	0.00	236.00
White Fronted Goose				0.00	0.00				0.00	0.00	3			6.00	0.00	8.00
Lesser Canada Goose				0.00	0.00				0.00	0.00	6			12.00	0.00	12.00
Cackling Canada Goose				0.00	0.00				0.00	0.00	5			10.00	0.00	10.00
Lesser Snow Goose	32		5.33	368.00	0.00	28		3.50	112.00	0.00	79		0.33	158.00	0.00	638.00
Emperor Goose	45		7.50	517.50	0.00	60		7.50	240.00	0.00	155		10.33	310.00	0.00	1,067.50
Black Brant	5		0.83	57.50	0.00	6		0.75	24.00	0.00	94		6.27	188.00	0.00	289.50
Pintail				0.00	0.00				0.00	0.00	43		2.87	86.00	0.00	86.00
Mallard				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Wigeon				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Shoveler				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Green-winged Teal				0.00	0.00				0.00	0.00	1		0.07	2.00	0.00	2.00
Scaup				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Canvasback				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Bufflehead				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Harlequin				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Goldeneye				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Long-tailed duck	24		4.00	276.00	0.00	18		2.25	72.00	0.00	9		0.60	18.00	0.00	368.00
White-winged Scotler				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Black Scotler				0.00	0.00				0.00	0.00	2		0.13	4.00	0.00	4.00
Surf Scotler				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Common Merganser				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Red-breasted Merganser				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Common Eider	42		7.00	483.00	0.00	47		5.88	188.00	0.00	192	12	12.80	0.00	0.00	1,055.00
King Eider	3		0.50	34.50	0.00	6		0.75	24.00	0.00	106	12	7.07	212.00	24.00	24.00
Specialed Eider				0.00	0.00	41		5.13	164.00	0.00	6		0.40	12.00	0.00	176.00
Steller's Eider				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Yellow Billed Loon	9		1.50	103.50	0.00	12		1.50	48.00	0.00	23		1.53	46.00	0.00	197.50
Red-throated Loon				0.00	0.00				0.00	0.00	2		0.13	4.00	0.00	4.00
Common Loon				0.00	0.00				0.00	0.00	30		2.00	60.00	0.00	60.00
Pacific Loon	12		2.00	138.00	0.00	15		1.88	60.00	0.00	3		0.20	6.00	0.00	204.00
Auklet	196		32.67	2,254.00	0.00	135		16.88	540.00	0.00	745		49.67	1,480.00	0.00	4,284.00
Murre	138		23.00	1,587.00	0.00	100		12.50	400.00	0.00	638	967	42.83	1,216.00	0.00	1,914.00
Comoranul	14		2.33	181.00	0.00	56		7.00	224.00	0.00	191		12.73	382.00	0.00	767.00
Killwake				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Guillemot				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Mew Gull				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Sabine's Gull				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Glaucous Gull	27		4.50	310.50	0.00	31		3.88	124.00	0.00	26		1.73	52.00	0.00	486.50
Arctic Tern				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Puffin				0.00	0.00				0.00	0.00	2		0.13	4.00	0.00	4.00
Bristle-thighed Curlew				0.00	0.00	2		0.25	8.00	0.00			0.13	4.00	0.00	4.00
Godwit				0.00	0.00				0.00	0.00	1		0.07	2.00	0.00	2.00
Whimbrel				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Golden Plover				0.00	0.00				0.00	0.00	18		1.20	36.00	0.00	36.00
Small Shorebird				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Undertitled Duck				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Plarinigan				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Spruce Grouse				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Other Bird				0.00	0.00				0.00	0.00				0.00	0.00	0.00
Totals	561	-	93.50	6,451.50	0.00	572	-	71.50	2,288.00	0.00	2,418	981	161.20	65.40	4,836.00	13,575.50
																1,962.00

Table 6-6.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers																							
Bering Strait/Norton Sound Region																							
Village of Koyuk																							
Bird Name	None Total Birds Harv.	None HH # Eggs Harv.	HH # Survey Aver. #	HH % Survey #	None Harvesters			Low HH # Eggs Harv.	Low HH % Survey Aver. #	HH % Survey #	Low Harvesters			High Total Birds Harv.	High HH # Eggs Harv.	HH # Survey Aver. #	HH % Survey #	High Harvesters			Expanded Grand Totals		
					Expd #	Birds #	Eggs #				Expd #	Birds #	Eggs #					Expd #	Birds #	Eggs #	Total #	Total #	Total #
Tundra Swan	3	6	-	-	0.00	16.00	14	8	3.50	2.00	0.00	34.50	70	2	-	4.12	0.47	0.00	181.18	20.71	5.18	269.68	77.37
Sandhill Crane		4	1.00	1.33	8.00	10.67	14	8	3.50	2.00	0.00	48.00	42	8	2.47	0.00	-	0.00	108.71	0.00	0.00	108.71	0.00
White Fronted Goose	7	4	2.33	1.33	18.67	10.67	4	4	1.00	1.00	23.00	23.00	20	8	1.18	0.06	-	0.00	51.76	0.00	0.00	93.43	33.67
Lesser Canada Goose			-	-	0.00	0.00	2		0.50	1.00	11.50	0.00	1		0.08	-	-	0.00	2.59	0.00	0.00	14.09	0.00
Cackling Canada Goose			-	-	0.00	0.00	3		0.75	-	17.25	0.00	9		0.53	-	-	0.00	23.29	0.00	0.00	40.54	0.00
Lesser Snow Goose			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Emperor Goose			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Black Brant	2		0.67	-	5.33	0.00	13		3.25	-	74.75	0.00	92	16	5.41	0.18	0.94	238.12	41.41	0.00	312.87	41.41	
Pintail	20		6.67	-	53.33	0.00	2		0.50	-	11.50	0.00	8		0.47	0.00	-	20.71	0.00	0.00	85.54	0.00	
Mallard			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	51.76	0.00	0.00	51.76	0.00	
Wigeon			-	-	0.00	0.00			-	-	0.00	0.00	20		1.18	0.00	-	36.24	0.00	0.00	36.24	0.00	
Shoveler			-	-	0.00	0.00			-	-	0.00	0.00	14		0.82	0.35	-	15.53	0.00	0.00	15.53	0.00	
Green-winged Teal			-	-	0.00	0.00			-	-	0.00	0.00	6		0.35	-	-	0.00	0.00	0.00	0.00	0.00	
Scaup			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Canvasback			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Bufflehead			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Harlequin			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Goldeneye			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Long-tailed duck			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
White-winged Scoter			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Black Scoter			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Surf Scoter			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Common Merganser			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Red-breasted Merganser			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Common Elder			-	-	0.00	0.00			-	-	0.00	0.00		8	-	-	0.47	0.00	0.00	20.71	0.00	20.71	
King Elder			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Spectacled Elder			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Stellar's Elder			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Yellow Billed Loon			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Red-throated Loon			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Common Loon			-	-	0.00	0.00			-	-	0.00	0.00		4	-	-	0.24	0.00	0.00	10.35	0.00	10.35	
Pacific Loon			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Auklet			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Murre			-	-	0.00	0.00			-	-	0.00	0.00			-	-	1.76	0.00	0.00	77.65	0.00	77.65	
Cormorant			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Kittiwake			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Guillemot			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Mew Gull			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Sabine's Gull			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Glaucous Gull			-	-	0.00	0.00			-	-	0.00	0.00		14	-	-	0.82	0.00	0.00	36.24	0.00	36.24	
Arctic Tern			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Puffin			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Bristle-thighed Curlew			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Godwit			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Whimbrel			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Golden Plover			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Small Shorebird			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Unidentified Duck			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Partridge			-	-	0.00	0.00			-	-	0.00	0.00		35	-	-	2.06	0.00	0.00	90.59	0.00	90.59	
Spruce Grouse			-	-	0.00	0.00			-	-	0.00	0.00		49	-	-	2.88	0.00	0.00	126.82	0.00	126.82	
Other Bird			-	-	0.00	0.00			-	-	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	
Totals	32	14	10.67	4.67	85.33	37.33	38	18	9.50	4.50	218.50	103.50	369	82	21.71	4.82	955.06	212.24	955.06	212.24	1,258.89	353.07	

Table 6-7.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers

Bering Strait/Norton Sound Region
City of Nome (Village #69)

Bird Name	None		None		None		Low		Low		High		High		High		Expanded				
	Total Birds	HH # Survey	Aver. # Birds	HH % Survey	Expd # Birds	Expd # Eggs	Total Birds	HH # Survey	Aver. # Birds	HH % Survey	Expd # Birds	Expd # Eggs	Total Birds	HH # Survey	Aver. # Birds	HH % Survey	Expd # Birds	Expd # Eggs	Total Birds	Total Eggs	
Tundra Swan	-	-	-	-	0.00	0.00	50	15	0.88	0.20	\$4,73	16,42	19	7	0.36	0.13	19,72	7,26	74,45	23,66	
Sandhill Crane	-	-	-	-	0.00	0.00	62	10	0.84	0.14	67,66	10,95	102	7	1.92	-	105,85	0.00	173,71	10,985	
White Fronted Goose	-	-	-	-	0.00	0.00	3	3	0.04	-	3,28	0.00	5	0	0.09	-	5,19	0.00	8,47	0.00	
Lesser Canada Goose	-	-	-	-	0.00	0.00	113	23	1.53	0.31	123,69	25,18	197	4	3.72	0.08	204,43	4.15	328,12	29,338	
Cackling Canada Goose	-	-	-	-	0.00	0.00	46	-	0.62	-	50,35	0.00	51	10	0.96	0.19	52,92	10,38	103,26	10,338	
Lesser Snow Goose	-	-	-	-	0.00	0.00	36	-	0.49	-	39,41	0.00	32	-	0.60	-	33,21	0.00	72,61	0.00	
Emperor Goose	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00	
Black Brant	-	-	-	-	0.00	0.00	111	12	1.50	0.16	121,50	13,14	300	-	5.66	-	311,32	0.00	432,82	13,14	
Pintail	-	-	-	-	0.00	0.00	144	12	1.95	0.16	157,62	13,14	314	31	5.92	0.56	325,85	32,17	483,47	45,30	
Mallard	-	-	-	-	0.00	0.00	45	5	0.61	0.07	48,26	6,47	76	-	1.43	-	78,87	0.00	128,12	5,47	
Wigeon	-	-	-	-	0.00	0.00	3	-	0.04	-	3,28	0.00	58	-	1.08	-	58,11	0.00	61,40	0.00	
Shoveler	-	-	-	-	0.00	0.00	9	-	0.12	-	9,85	0.00	110	6	2.08	0.11	114,15	6,23	124,00	6,23	
Green-winged Teal	-	-	-	-	0.00	0.00	17	-	0.23	-	18,61	0.00	102	7	1.92	-	124,00	0.00	124,46	7,26	
Scup	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	32,17	31	0.58	0.13	32,17	7,26	124,46	7,26	
Canvasback	-	-	-	-	0.00	0.00	1	-	0.01	-	1,09	0.00	20	-	0.38	-	20,75	0.00	21,85	0.00	
Bufflehead	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00	
Harequin	-	-	-	-	0.00	0.00	56	-	0.76	-	61,30	0.00	7	-	0.13	-	7,26	0.00	68,56	0.00	
Goldeneye	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	18	20	0.34	0.38	0.00	0.00	0.00	0.00	
Long-tailed duck	-	-	-	-	0.00	0.00	2	-	0.03	-	2,19	0.00	18	-	0.34	0.38	0.00	0.00	0.00	0.00	
White-winged Scoter	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	4	-	0.08	-	18,68	20,75	20,87	20,75	
Black Scoter	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	114	-	2.15	-	4,15	0.00	4,15	0.00	
Surf Scoter	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	-	-	-	118,30	0.00	118,30	0.00	
Common Merganser	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	2	-	0.04	-	0.00	0.00	0.00	0.00	
Red-breasted Merganser	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	-	-	-	2,08	0.00	2,08	0.00	
Common Eider	-	-	-	-	0.00	0.00	118	22	1.59	0.30	128,16	24,08	13	122	0.25	2.30	0.00	0.00	142,65	150,86	
King Eider	-	-	-	-	0.00	0.00	43	6	0.58	0.08	47,07	6,57	8	4	0.15	0.08	13,49	8,30	150,86	10,72	
Spectacled Eider	-	-	-	-	0.00	0.00	1	8	0.01	0.11	1,08	8,76	1	-	0.02	-	1,04	0.00	55,37	10,72	
Steller's Eider	-	-	-	-	0.00	0.00	50	4	0.68	0.05	54,73	4,38	1	-	-	-	54,73	0.00	54,73	0.00	
Yellow Billed Loon	-	-	-	-	0.00	0.00	1	8	0.01	0.11	1,09	8,76	-	-	-	-	1,09	0.00	1,09	8,76	
Red-throated Loon	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00	
Common Loon	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	7	4	0.13	0.08	7,26	4,15	21,66	2,08	
Pacific Loon	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	2	-	0.04	0.00	0.00	0.00	2,08	0.00
Auklet	-	-	-	-	0.00	0.00	766	182	10.35	2.46	838,46	199,22	-	-	-	-	0.00	0.00	838,46	199,22	
Murre	-	-	-	-	0.00	0.00	228	4,602	3.08	62,19	249,57	5,037,32	28,4	-	-	5.36	0.00	0.00	249,57	5,332,04	
Common Raven	-	-	-	-	0.00	0.00	15	-	0.20	-	16,42	0.00	7	-	0.13	-	7,26	0.00	23,66	0.00	
Killdeer	-	-	-	-	0.00	0.00	-	108	-	1.46	0.00	118,22	-	20	-	0.38	0.00	0.00	20,75	138,97	
Gullinnot	-	-	-	-	0.00	0.00	1	-	0.01	-	1,08	0.00	-	-	-	-	0.00	0.00	1,08	0.00	
Mew Gull	-	-	-	-	0.00	0.00	338	6	-	4.57	0.00	369,97	1	123	0.02	2.32	0.00	1,04	127,64	497,61	
Sabine's Gull	-	-	-	-	0.00	0.00	22	77	0.30	1.04	24,08	6,57	5	241	0.09	4.55	0.00	0.00	1,04	6,57	
Glaucous Gull	-	-	-	-	0.00	0.00	-	68	-	0.92	0.00	74,43	-	-	-	4.25	5.19	26,009	29,27	334,38	
Arctic Tern	-	-	-	-	0.00	0.00	535	134	7.23	1.81	585,61	146,68	-	41	-	0.77	0.00	42,55	116,98	585,61	
Puffin	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00	
Bristle-thighed Curlew	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00	
Godwit	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00	
Winnereel	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	2	-	0.04	-	0.00	0.00	0.00	0.00	
Golden Plover	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	-	-	-	-	2,08	0.00	2,08	0.00	
Small Shorebird	-	-	-	-	0.00	0.00	-	20	-	0.27	0.00	21,89	4	0.08	-	-	0.00	0.00	0.00	0.00	
Unidentified Duck	-	-	-	-	0.00	0.00	3	34	0.04	0.46	3,28	37,22	2	12	0.04	0.23	4,15	21,89	4,15	21,89	
Partridge	-	-	-	-	0.00	0.00	1,103	30	14.91	0.41	1,207,34	32,84	1,181	-	22,28	-	1,225,57	12,45	49,67	32,84	
Spruce Grouse	-	-	-	-	0.00	0.00	10	-	0.14	-	10,95	0.00	63	-	1.19	-	65,38	0.00	76,32	0.00	
Other Bird	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	1	-	0.02	-	1,04	0.00	1,04	0.00	
Totals	-	-	-	-	0.00	0.00	3,594	5,740	48.57	77.57	3,933,97	6,282,97	2,855	938	53.87	17,70	2,962,74	973,40	6,896,71	7,256,37	

Table 6-8.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers																			
Bering Strait/Norton Sound Region																			
Village of Savoonga																			
Bird Name	None HH # Harv.	HH # Survey # Birds	HH % Survey # Eggs	None Harvesters		Low HH # Harv.	HH # Survey # Birds	HH % Survey # Eggs	Low Harvesters		High HH # Harv.	HH # Survey # Birds	HH % Survey # Eggs	High Harvesters		Expanded Grand Totals			
				Expd # Birds	Expd # Eggs				Expd # Birds	Expd # Eggs				Expd # Birds	Expd # Eggs	Total # Birds	Total # Eggs		
Tundra Swan		-	-	0.00	0.00	2	0.25	-	13.50	0.00	7	0.37	-	16.95	0.00	30.45	0.00		
Sandhill Crane		-	-	0.00	0.00	3	0.38	-	20.25	0.00	7	0.37	-	16.95	0.00	37.20	0.00		
White Fronted Goose		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Lesser Canada Goose		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Cackling Canada Goose	3	0.60	-	22.80	0.00		-	-	0.00	0.00	2	0.11	-	4.84	0.00	27.64	0.00		
Lesser Snow Goose	25	5.00	-	190.00	0.00	68	8.50	-	459.00	0.00	129	6.79	-	312.32	0.00	961.32	0.00		
Emperor Goose	10	2.00	-	76.00	0.00	45	5.63	-	303.75	0.00	68	3.58	-	164.63	0.00	544.38	0.00		
Black Brant	15	3.00	-	114.00	0.00	37	4.63	-	249.75	0.00	82	4.32	-	198.53	0.00	562.28	0.00		
Pintail		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Mallard		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Wigeon		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Shoveler		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Green-winged Teal		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Scaup		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Canvasback		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Bufflehead		-	-	0.00	0.00		-	-	0.00	0.00	2	0.11	-	4.84	0.00	4.84	0.00		
Harlequin		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Goldeneye		-	-	0.00	0.00		-	-	0.00	0.00	10	0.53	-	24.21	0.00	24.21	0.00		
Long-tailed duck		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
White-winged Scoter	2	0.40	-	15.20	0.00		-	-	0.00	0.00	10	0.53	-	24.21	0.00	24.21	0.00		
Black Scoter		-	-	0.00	0.00		-	-	0.00	0.00	4	0.21	-	9.68	0.00	24.88	0.00		
Surf Scoter		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Common Merganser		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Red-breasted Merganser		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Common Eider	39	7.80	-	296.40	0.00	25	3.13	-	168.75	0.00		-	-	0.00	0.00	0.00	0.00		
King Eider	7	1.40	-	53.20	0.00	44	5.50	0.75	297.00	40.50	66	3.47	1.84	159.79	84.74	509.99	125.24		
Speckled Eider	11	2.20	-	83.60	0.00	17	2.13	-	114.75	0.00	37	1.95	0.37	89.58	16.95	287.93	16.95		
Stellar's Eider		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Yellow Billed Loon		-	-	0.00	0.00		-	-	0.00	0.00	2	0.11	-	4.84	0.00	4.84	0.00		
Red-throated Loon		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Common Loon	20	4.00	-	152.00	0.00	46	5.75	-	310.50	0.00	157	8.26	-	380.11	0.00	842.61	0.00		
Pacific Loon		-	-	0.00	0.00	1	0.13	-	6.75	0.00		-	-	0.00	0.00	0.00	0.00		
Auklet	53	10.60	-	402.80	0.00	69	8.63	-	485.75	0.00	317	16.68	-	767.47	0.00	1,636.02	0.00		
Murre	145	29.00	142.40	1,102.00	5,411.20	338	42.25	284.88	2,281.50	15,383.25	1,194	62.84	327.00	2,890.74	15,042.00	6,214.24	35,836.45		
Cormorant	171	34.20	-	1,289.60	0.00	163	20.38	-	1,100.25	0.00	387	19.32	-	888.53	0.00	3,288.38	0.00		
Kittiwake	40	8.00	-	304.00	0.00	33	4.13	-	222.75	0.00	102	5.37	-	246.95	0.00	773.70	0.00		
Guillemot	22	4.40	-	167.20	0.00	43	5.38	-	280.25	0.00	184	9.68	-	445.47	0.00	902.92	0.00		
Mew Gull		-	-	0.00	0.00		-	-	0.00	0.00	10	0.53	1.58	24.21	72.63	24.21	72.63		
Sabine's Gull		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Glaucous Gull		-	-	0.00	0.00		-	-	0.00	0.00	32	1.68	-	77.47	0.00	77.47	0.00		
Arctic Tern		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Puffin		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Bristle-thighed Curlew		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Godwit		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Whimbrel		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Golden Plover		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Small Shorebird		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Unidentified Duck		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Ptarmigan		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Spruce Grouse		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Other Bird		-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00		
Totals	563	712	112.60	142.40	4,278.80	5,411.20	934	2,285	116.75	285.63	2,856	6,285	330.79	6,914.53	15,216.32	17,497.83	36,051.27		

Table 6-9.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers

Bering Strait/Norton Sound Region

Village of Shaktoolik

Bird Name	None		None		None		None		Low		Low		Low		High		High		High		High		Expanded	
	Total	HH #	Total	HH #	Total	HH #	Total	HH #	Total	HH #	Total	HH #	Total	HH #	Total	HH #	Total	HH #	Total	HH #	Total	HH #	Total	HH #
1 Undra Swan	3	38	10	7	10	1.43	0.43	0.00	16.29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sandhill Crane	10	10	10	10	10	1.43	0.43	0.00	54.29	33	1	1	1	1	1	1	1	1	1	1	1	1	1	1
White-fronted Goose	10	10	10	10	10	1.43	0.43	0.00	54.29	33	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Lesser Canada Goose	14	14	14	14	14	2.00	0.86	0.00	54.29	98	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Cackling Canada Goose	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Lesser Snow Goose	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Emperor Goose	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Black Brant	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Pintail	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Mallard	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Wigeon	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Shoveler	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Green-winged Teal	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Scaup	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Canvasback	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Bufflehead	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Harlequin	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Goldeneye	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Long-tailed duck	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
White-winged Scoter	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Black Scoter	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Surf Scoter	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Common Merganser	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Red-breasted Merganser	6	6	6	6	6	0.86	0.86	0.00	32.57	41	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Common Eider	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
King Eider	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectacled Eider	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stellar's Eider	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yellow Billed Loon	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Red-throated Loon	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Common Loon	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pacific Loon	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Auklet	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Murre	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cormorant	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kittiwake	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Guillemot	22	22	22	22	22	3.14	3.14	0.00	119.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mew Gull	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Sabine's Gull	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Glaucous Gull	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Arctic Tern	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Puffin	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Bristle-thighed Curlew	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Godwit	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Whimbrel	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Golden Plover	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Small Shorebird	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Unidentified Duck	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Partridge	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Spurwing Grouse	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Other Bird	66	66	66	66	66	9.43	9.43	0.00	358.29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Totals	20	123	2.86	17.57	108.57	667.71	226	432	17.38	33.23	365.08	697.85	18	40	18.00	40.00	18.00	40.00	18.00	40.00	491.65	1,405.56		

Table 6-10.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers																			
Bering Strait/Norton Sound Region																			
Village of Shishmaref																			
Bird Name	None Total Birds Harv.	None HH # Eggs Harv.	HH # Survey # Birds	HH % Survey # Eggs	None Harvesters		Low HH # Eggs Harv.	Low HH # Survey # Birds	HH % Survey # Eggs	Low Harvesters		High Total Birds Harv.	High HH # Eggs Harv.	High Harvesters		HH # Survey # Birds	HH % Survey # Eggs	Expanded Grand Totals	
					Expd # Birds	Expd # Eggs				Expd # Birds	Expd # Eggs			Expd # Birds	Expd # Eggs			Total # Birds	Total # Eggs
Tundra Swan			-	-	0.00	0.00	4	1.33	-	29.33	0.00	3	0.18	-	15.53	0.00	44.86	0.00	
Sandhill Crane			-	-	0.00	0.00	4	1.33	-	29.33	0.00	4	0.24	0.12	20.71	10.35	50.04	10.35	
White Fronted Goose	3		1.00	-	24.00	0.00		-	-	0.00	0.00	43	2.53	-	222.59	0.00	246.59	0.00	
Lesser Canada Goose	8		2.67	-	64.00	0.00	3	1.00	-	22.00	0.00	137	8.06	0.41	709.18	36.24	795.18	36.24	
Cackling Canada Goose	2	6	0.67	2.00	16.00	48.00	2	0.67	-	14.67	0.00	38	1	2.24	196.71	5.18	227.37	53.18	
Lesser Snow Goose			-	-	0.00	0.00	10	3.33	-	73.33	0.00	35	4	2.06	181.18	20.71	254.51	20.71	
Emperor Goose			-	-	0.00	0.00	6	2.00	-	44.00	0.00	18	8	1.06	93.18	41.41	137.18	41.41	
Black Brant	6		2.00	-	48.00	0.00	5	1.67	-	36.67	0.00	107	42	6.29	553.88	217.41	638.55	217.41	
Pintail	15		5.00	-	120.00	0.00	54	18.00	-	396.00	0.00	272	27	16.00	1,408.00	139.76	1,924.00	139.76	
Mallard			-	-	0.00	0.00		-	-	0.00	0.00	23	1.35	-	119.06	0.00	119.06	0.00	
Wigeon			-	-	0.00	0.00		-	-	0.00	0.00	20	1.18	-	103.53	0.00	103.53	0.00	
Shoveler			-	-	0.00	0.00	3	1.00	-	22.00	0.00	22	1.29	-	113.88	0.00	135.88	0.00	
Green-winged Teal		24	-	8.00	0.00	192.00		-	-	0.00	0.00	2	0.12	-	10.35	0.00	10.35	192.00	
Scaup			-	-	0.00	0.00		-	-	0.00	0.00	8	0.47	-	41.41	0.00	41.41	0.00	
Canvasback			-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00	
Bufflehead			-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00	
Harlequin			-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00	
Goldeneye			-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00	
Long-tailed duck			-	-	0.00	0.00		-	-	0.00	0.00	15	0.88	-	77.65	0.00	77.65	0.00	
White-winged Scotler			-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00	
Black Scotler			-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00	
Surf Scotler			-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00	
Common Merganser			-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00	
Red-breasted Merganser			-	-	0.00	0.00		-	-	0.00	0.00		-	-	0.00	0.00	0.00	0.00	
Common Eider	11	55	3.67	18.33	88.00	440.00		20	-	6.67	0.00	146.67	4	0.24	20.71	0.00	108.71	586.67	
King Eider			-	-	0.00	0.00	3	1.00	-	22.00	0.00			-	0.00	0.00	22.00	0.00	
Speckled Eider			-	-	0.00	0.00	7	2.33	-	51.33	0.00			-	0.00	0.00	51.33	0.00	
Stellar's Eider			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Yellow Billed Loon			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Red-throated Loon			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Common Loon			-	-	0.00	0.00		-	-	0.00	0.00		8	-	0.00	0.00	0.00	41.41	
Pacific Loon			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Auklet			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Murre			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Cormorant			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Kittiwake			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Gullmot			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Mew Gull		20	-	6.67	0.00	160.00		-	-	0.00	0.00			-	0.00	0.00	0.00	160.00	
Sabine's Gull			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Glaucous Gull		21	-	7.00	0.00	168.00		20	-	6.67	0.00	146.67	328	-	0.00	1,697.88	0.00	2,012.55	
Arctic Tern			-	-	0.00	0.00		-	-	0.00	0.00		12	-	0.00	62.12	0.00	62.12	
Puffin			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Bristle-thighed Curlew			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Godwit			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Whimbrel			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Golden Plover		4	-	1.33	0.00	32.00		4	-	1.33	0.00	29.33	4	-	0.00	0.00	0.00	82.04	
Small Shorebird			-	-	0.00	0.00	8	-	2.67	0.00	58.67		67	-	0.00	346.82	0.00	405.49	
Unidentified Duck			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Ptarmigan			-	-	0.00	0.00		-	-	0.00	0.00		78	-	403.76	0.00	403.76	0.00	
Spruce Grouse			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Other Bird			-	-	0.00	0.00		-	-	0.00	0.00			-	0.00	0.00	0.00	0.00	
Totals	45	130	15.00	43.33	360.00	1,040.00	101	52	33.67	17.33	740.67	381.33	829	510	4,291.29	2,640.00	5,391.96	4,061.33	

Table 6-11.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers

Bering Strait/Norton Sound Region
Village of Stebbins

Bird Name	None			None			Low			High			Expanded		
	Total Birds Harv.	Total Eggs Harv.	Aver. # Survey	Total Birds Harv.	Total Eggs Harv.	Aver. # Survey	Total Birds Harv.	Total Eggs Harv.	Aver. # Survey	Total Birds Harv.	Total Eggs Harv.	Aver. # Survey	Exptd # Harvesters	Exptd # Eggs	Total # Total
undra Swan	1		0.33				2		0.40				20.00	0.00	44.00
Sandhill Crane							3		0.60				54.00	13.00	99.33
White-fronted Goose													13.00	1.00	13.00
Lesser Canada Goose	4		1.33				3		0.60				36.00	0.00	159.33
Cackling Canada Goose							15		3.00				84.00	3.00	264.00
Lesser Snow Goose	20		6.67				17		3.40				291.00	0.00	681.67
Emperor Goose							2		0.40				1.00	0.00	1.00
Black Brant							7		1.40				14.00	24.00	282.33
Pinall	4		1.33				9		1.80				13.00	0.00	121.00
Wigeon													21.00	0.00	21.00
Shoveler	2		0.67				3		0.60				67.00	6.00	121.67
Green-winged Teal							1		0.20				4.00	0.00	52.00
Canvasback													2.00	0.00	2.00
Bufflehead													1.00	0.00	1.00
Harequin													0.00	0.00	0.00
Goldeneye													0.00	0.00	0.00
Long-tailed duck													0.00	0.00	0.00
White-winged Scoter													0.00	0.00	0.00
Black Scoter													0.00	0.00	0.00
Surf Scoter													1.00	0.00	1.00
Common Merganser													0.00	0.00	0.00
Red-breasted Merganser													0.00	0.00	0.00
Common Eider													10.00	17.00	10.00
King Eider													0.00	0.00	0.00
Spectacled Eider													0.00	0.00	0.00
Stellar's Eider													0.00	0.00	0.00
Yellow Billed Loon													0.00	0.00	0.00
Red-throated Loon													0.00	0.00	0.00
Common Loon							1		0.20				0.00	2.00	12.00
Pacific Loon													0.00	0.00	0.00
Auklet													0.00	0.00	0.00
Murre													0.00	0.00	0.00
Cormorant													4.00	0.00	4.00
Kittiwake													0.00	0.00	0.00
Gull													0.00	0.00	0.00
Mew Gull													0.00	0.00	0.00
Sabine's Gull													0.00	0.00	0.00
Glaucous Gull													0.00	0.00	0.00
Arctic Tern													0.00	0.00	0.00
Puffin													0.00	0.00	0.00
Bristle-thighed Curlew													0.00	0.00	0.00
Godwit													0.00	0.00	0.00
Whimbrel													0.00	0.00	0.00
Golden Plover													0.00	0.00	0.00
Small Shorebird													0.00	0.00	0.00
Unidentified Duck							3		0.80				0.00	0.00	58.00
Partridge													0.00	0.00	0.00
Spruce Grouse													0.00	0.00	0.00
Other Bird													0.00	0.00	0.00
Totals	31	-	10.33	-	-	-	66	-	13.20	-	-	-	792.00	0.00	902
													181	37.56	7.54
													902.00	181.00	1,983.33
															181.00

Table 6-12.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers Bering Strait/Norton Sound Region Village of St. Michael																
Bird Name	None Total Birds Harv.	None HH # Eggs Harv.	HH # Survey # Birds	HH % Survey # Eggs	None Harvesters		Low HH # Survey # Birds	HH % Survey # Eggs	Low Harvesters		High Total Birds Harv.	HH # Survey # Birds	HH % Survey # Eggs	High Harvesters		Expanded Grand Totals
					Expd # Birds	Expd # Eggs			Expd # Birds	Expd # Eggs				Expd # Birds	Expd # Eggs	
Tundra Swan			-	-	0.00	0.00	8	-	25.20	0.00	9	0.82	-	13.09	0.00	38.29
Sandhill Crane			-	-	0.00	0.00	14	2.80	56.80	16.80	54	4.91	0.55	78.55	8.73	137.35
White Fronted Goose			-	-	0.00	0.00	2	0.40	8.40	0.00	44	4.00	-	64.00	0.00	72.40
Lesser Canada Goose			-	-	0.00	0.00	-	-	0.00	0.00	99	9.00	-	144.00	0.00	144.00
Cackling Canada Goose			-	-	0.00	0.00	12	2.40	50.40	0.00	108	9.82	-	187.09	0.00	207.49
Lesser Snow Goose			-	-	0.00	0.00	10	2.00	42.00	0.00	214	19.45	-	311.27	0.00	353.27
Emperor Goose			-	-	0.00	0.00	-	-	0.00	0.00	1	0.09	-	1.45	0.00	1.45
Black Brant			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Pintail			-	-	0.00	0.00	7	1.40	29.40	0.00	100	9.09	-	145.45	0.00	174.85
Mallard			-	-	0.00	0.00	1	0.20	4.20	0.00	21	1.91	-	30.55	0.00	34.75
Wigeon			-	-	0.00	0.00	-	-	0.00	0.00	18	1.64	-	26.18	0.00	26.18
Shoveler			-	-	0.00	0.00	-	-	0.00	0.00	9	0.82	-	13.09	0.00	13.09
Green-winged Teal			-	-	0.00	0.00	-	-	0.00	0.00	13	1.18	-	18.91	0.00	18.91
Scaup			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Canvasback			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Bufflehead			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Harlequin			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Goldeneye			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Long-tailed duck			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
White-winged Scoter			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Black Scoter			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Surf Scoter			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Common Merganser			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Red-breasted Merganser			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Common Eider			-	-	0.00	0.00	-	-	0.00	0.00	2	0.18	-	2.91	0.00	2.91
King Eider			-	-	0.00	0.00	-	-	0.00	0.00	2	0.18	-	2.91	0.00	2.91
Speckled Eider			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Stellar's Eider			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Yellow Billed Loon			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Red-throated Loon			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Common Loon			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Pacific Loon			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Auklet			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Murre			-	-	0.00	0.00	11	2.20	46.20	46.20	-	-	-	0.00	0.00	46.20
Cormorant			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Kittiwake			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Guillemot			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Mew Gull			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Sabine's Gull			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Glaucous Gull			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Arctic Tern			-	-	0.00	0.00	10	2.00	42.00	42.00	-	-	-	0.00	0.00	42.00
Puffin			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Bristle-thighed Curlew			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Godwit			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Whimbrel			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Golden Plover			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Small Shorebird			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Unidentified Duck			-	-	0.00	0.00	-	-	0.00	0.00	28	2.55	-	40.73	0.00	40.73
Plumbeous			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Spruce Grouse			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Other Bird			-	-	0.00	0.00	-	-	0.00	0.00	-	-	-	0.00	0.00	0.00
Totals	-	-	-	-	0.00	0.00	52	5.00	218.40	105.00	722	65.64	0.55	1,050.18	8.73	1,268.58
																113.73

Table 6-13.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers

Bering Strait/Norton Sound Region
Village of Wales

Bird Name	None	None		HH #		HH %		None		Low	Low		HH #		HH %		Low		High	High		HH #		HH %		High		Expanded	
		Total	HH #	Aver.	Aver.	Expd	Expd	Total	HH #		Aver.	Aver.	Expd	Expd	Total	HH #	Aver.	Aver.		Expd	Expd	Total	HH #	Aver.	Aver.	Expd	Expd	Total	Total
Tundra Swan						0.00	0.00			2			0.14					2.57	0.00								0.00	2.57	0.00
Sandhill Crane						0.00	0.00											0.00	0.00								0.00	0.00	
White Fronted Goose						0.00	0.00											0.00	0.00								0.00	0.00	
Lesser Canada Goose						0.00	0.00											0.00	0.00								0.00	0.00	
Cackling Canada Goose						0.00	0.00			1			0.07					1.29	0.00								1.29	0.00	
Lesser Snow Goose						0.00	0.00											0.00	0.00	4							4.00	0.00	
Emperor Goose						0.00	0.00			10			0.71					12.86	0.00	13							13.00	0.00	
Black Brant						0.00	0.00											0.00	0.00	19							19.00	0.00	
Pintail						0.00	0.00											0.00	0.00								0.00	0.00	
Mallard						0.00	0.00											0.00	0.00								0.00	0.00	
Wigeon						0.00	0.00											0.00	0.00								0.00	0.00	
Shoveler						0.00	0.00											0.00	0.00								0.00	0.00	
Green-winged Teal						0.00	0.00											0.00	0.00								0.00	0.00	
Scaup						0.00	0.00											0.00	0.00								0.00	0.00	
Canvasback						0.00	0.00											0.00	0.00								0.00	0.00	
Bufflehead						0.00	0.00											0.00	0.00								0.00	0.00	
Harlequin						0.00	0.00											0.00	0.00								0.00	0.00	
Goldeneye						0.00	0.00											0.00	0.00								0.00	0.00	
Long-tailed duck						0.00	0.00			1			0.07					1.29	0.00								1.29	0.00	
White-winged Scotler						0.00	0.00											0.00	0.00								0.00	0.00	
Black Scotler						0.00	0.00											0.00	0.00								0.00	0.00	
Surf Scotler						0.00	0.00											0.00	0.00								0.00	0.00	
Common Merganser						0.00	0.00											0.00	0.00								0.00	0.00	
Red-breasted Merganser						0.00	0.00											0.00	0.00								0.00	0.00	
Common Eider						0.00	0.00											0.00	0.00	2							2.00	0.00	
King Eider						0.00	0.00											0.00	0.00								0.00	0.00	
Spectacled Eider						0.00	0.00											0.00	0.00								0.00	0.00	
Steller's Eider						0.00	0.00											0.00	0.00								0.00	0.00	
Yellow Billed Loon						0.00	0.00											0.00	0.00								0.00	0.00	
Red-throated Loon						0.00	0.00											0.00	0.00								0.00	0.00	
Common Loon						0.00	0.00			4			0.29					5.14	0.00								5.14	0.00	
Pacific Loon						0.00	0.00											0.00	0.00								0.00	0.00	
Auklet						0.00	0.00											0.00	0.00								0.00	0.00	
Murre						0.00	0.00											0.00	0.00								0.00	0.00	
Commonant						0.00	0.00											0.00	0.00								0.00	0.00	
Killwake						0.00	0.00											0.00	0.00								0.00	0.00	
Guillemot						0.00	0.00											0.00	0.00								0.00	0.00	
Mew Gull						0.00	0.00											0.00	0.00								0.00	0.00	
Sabine's Gull						0.00	0.00											0.00	0.00								0.00	0.00	
Glaucous Gull						0.00	0.00											0.00	0.00								0.00	0.00	
Arctic Tern						0.00	0.00											0.00	0.00								0.00	0.00	
Puffin						0.00	0.00											0.00	0.00								0.00	0.00	
Bristle-thighed Curlew						0.00	0.00											0.00	0.00								0.00	0.00	
Godwit						0.00	0.00											0.00	0.00								0.00	0.00	
Whimbrel						0.00	0.00											0.00	0.00								0.00	0.00	
Golden Plover						0.00	0.00											0.00	0.00								0.00	0.00	
Small Shorebird						0.00	0.00											0.00	0.00								0.00	0.00	
Unidentified Duck						0.00	0.00											0.00	0.00	2							2.00	0.00	
Plumbean						0.00	0.00											0.00	0.00								0.00	0.00	
Spruce Grouse						0.00	0.00											0.00	0.00								0.00	0.00	
Other Bird						0.00	0.00											0.00	0.00								0.00	0.00	
Totals	-	-	-	-	-	0.00	0.00			18	-		1.29	-	-	-	23.14	0.00		40	-	8.00	-	-	-	40.00	0.00	63.14	0.00

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers
Bering Strait/Norton Sound Region
Village of White Mountain

Bird Name	None	None		None		Low		Low		Low		High		High		High		High		High		Expanded												
		HH #	Survey	HH #	Survey	HH #	Survey	HH #	Survey	HH #	Survey	HH #	Survey	HH #	Survey	HH #	Survey	HH #	Survey	HH #	Survey	HH #	Total											
																								HH #	Survey	HH #	Survey	HH #	Survey	HH #	Survey	HH #	Survey	HH #
		34	5	0.15	Aver.	Birds	Eggs	9	5	Aver.	Birds	Eggs	26	14.00	5.20	46.80	126.00	246	182	22.36	16.55	469.64	347.45	595.64	394.25									
Lundra Swan			-	-	-	-	-		-	-	-	-		-	-	-	-	10	9	0.18	0.82	0.91	0.00	0.00	0.00	19.09	0.00	3.82	17.18	0.00	19.09			
Sandhill Crane			-	-	-	-	-		-	-	-	-		-	-	-	-	9	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
White Fronted Goose			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Lesser Canada Goose			-	-	-	-	-		4.00	-	-	-		-	-	-	-	73	-	6.64	-	-	139.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cackling Canada Goose			-	-	-	-	-		-	-	-	-		-	-	-	-	2	-	0.18	-	-	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lesser Snow Goose			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Emperor Goose			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Black Brant			-	-	-	-	-		4.60	-	-	-		-	-	-	-	137	-	12.45	-	-	261.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pintail			-	-	-	-	-		5.20	-	-	-		-	-	-	-	18	-	1.64	-	-	34.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mallard			-	-	-	-	-		0.20	-	-	-		-	-	-	-	10	-	0.91	-	-	19.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wigeon			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Shoveler			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Green-winged Teal			-	-	-	-	-		-	-	-	-		-	-	-	-	4	-	0.36	-	-	7.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Scaup			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Canvasback			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bufflehead			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Harlequin			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goldeneye			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Long-tailed duck			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White-winged Scoter			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Black Scoter			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Surf Scoter			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Common Merganser			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Red-breasted Merganser			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Common Eider			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
King Eider			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectacled Eider			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Steller's Eider			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yellow Billed Loon			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Red-throated Loon			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Common Loon			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pacific Loon			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Auklet			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Murre			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cormorant			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kittiwake			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Guillemot			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mew Gull			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabine's Gull			-	-	-	-	-		-	-	-	-		-	-	-	-	138	-	-	-	-	12.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	310.25
Glaucous Gull			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arctic Tern			-	-	-	-	-		-	-	-	-		-	-	-	-	25	-	2.27	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.73
Puffin			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bristle-thighed Curlew			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Godwit			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Whimbrel			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Golden Plover			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Shorebird			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unidentified Duck			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phalarope			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spruce Grouse			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Bird			-	-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	-	-	-	-	-	-	-	70	26	14.00	5.20	46.80	126.00	246	182	22.36	16.55	469.64	347.															

Table 6-15.

2002 Migratory Bird Harvest Data Collection Project Expanded Harvest Numbers

Bering Strait/Norton Sound Region

Village Totals

Bird Name	None Harvesters				Expanded None HH Totals		Low Harvesters				Expanded Low HH Totals		High Harvesters				Expanded High HH Totals		Expanded Grand Totals		
	Total Birds	Total Eggs	Aver. # Birds	Aver. # Eggs	Expd # Birds	Expd # Eggs	Total Birds	Total Eggs	Aver. # Birds	Aver. # Eggs	Expd # Birds	Expd # Eggs	Total Birds	Total Eggs	Aver. # Birds	Aver. # Eggs	Expd # Birds	Expd # Eggs	Total Birds	Total Eggs	
Lundra Swan	2	9	0	2	23.00	32.29	73	27	15	3	2	77	33	23	4	8	119.44	45.53	315.32	138.43	
Sandhill Crane	19	14	4	3	171.83	64.85	181	23	3	4	9	552.86	85.58	1,181.38	225.90	1,181.38	225.90	1,181.38	225.90	1,181.38	225.90
White Fronted Goose	7	-	2	-	41.80	0.00	38	-	21	4	4	444.25	1.00	581.68	1.00	581.68	1.00	581.68	1.00	581.68	1.00
Lesser Canada Goose	35	14	10	3	208.00	64.95	304	57	21	4	10	1,423.74	64.54	2,216.66	2,216.66	2,216.66	2,216.66	2,216.66	2,216.66	2,216.66	2,216.66
Cackling Canada Goose	32	12	7	3	186.30	80.57	135	18	12	1	6	537.89	50.71	1,144.09	181.05	4.15	404.82	4.15	649.74	649.74	
Lesser Snow Goose	84	-	18	-	781.64	0.00	238	-	27	-	0	1,342.88	20.71	3,239.06	20.71	3,239.06	20.71	3,239.06	20.71	3,239.06	20.71
Emperor Goose	55	-	10	-	563.50	0.00	111	-	15	-	0	574.26	41.41	1,755.51	41.41	1,755.51	41.41	1,755.51	41.41	1,755.51	41.41
Black Brant	28	-	7	-	224.83	0.00	278	12	22	0	2	1,836.12	217.41	2,609.13	230.55	2	2,523.17	267.81	3,729.45	3,729.45	
Pinail	23	-	-	-	174.93	0.00	314	29	38	2	1	1,031.35	46.54	1,118	127	69	16	2,523.17	267.81	3,729.45	3,729.45
Malard	20	-	7	-	53.33	0.00	79	17	5	1	218.89	24.86	156	6	7	6	286.85	6.00	558.88	6.00	
Wigeon	-	-	-	-	0.00	0.00	3	-	0	-	-	3.28	0.00	159	-	9	-	285.82	0.00	288.10	0.00
Shoveler	2	-	1	-	18.67	0.00	21	-	3	-	-	97.03	0.00	227	12	8	0	349.74	12.23	455.44	12.23
Green-winged Teal	-	-	24	-	0.00	192.00	22	-	0	-	-	51.75	0.00	178	-	7	-	210.89	0.00	262.64	0.00
Scup	-	-	-	-	0.00	0.00	2	-	0	-	-	5.50	0.00	43	7	1	0	77.58	7.26	83.08	7.26
Canvaback	-	-	-	-	0.00	0.00	1	-	0	-	-	1.09	0.00	24	-	1	-	27.60	0.00	28.69	0.00
Bullhead	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	0.00	1	-	0	-	1.00	0.00	1.00	0.00
Harlequin	-	-	-	-	0.00	0.00	56	-	1	-	-	61.30	0.00	17	-	1	-	31.47	0.00	92.77	0.00
Goldeneye	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00
Long-tailed duck	24	-	4	-	276.00	0.00	21	4	2	0	-	75.47	11.00	52	26	2	2	138.54	26.75	490.01	26.75
White-winged Scotler	2	-	0	-	15.20	0.00	-	-	-	-	-	0.00	0.00	8	-	0	-	13.84	0.00	29.04	0.00
Black Scotler	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	0.00	116	-	2	-	122.30	0.00	122.30	0.00
Surf Scotler	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	0.00	1	-	0	-	1.00	0.00	1.00	0.00
Common Merganser	-	-	-	-	0.00	0.00	-	4	-	1	-	21.14	2	-	0	-	2.08	0.00	2.08	0.00	
Red-breasted Merganser	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00
Common Eider	92	83	18	23	867.40	565.83	204	95	12	13	528.95	387.50	294	303	18	21	599.62	341.08	1,983.97	1,983.97	
King Eider	10	-	2	-	87.70	0.00	96	16	8	1	390.07	58.07	184	51	11	3	385.00	112.89	862.77	862.77	
Speckled Eider	11	-	2	-	83.60	0.00	68	8	10	0	33.18	8.76	44	7	2	0	102.62	16.95	517.39	517.39	
Stellar's Eider	-	-	-	-	0.00	0.00	50	4	1	0	54.73	4.38	23	-	2	-	4.84	0.00	59.57	59.57	
Yellow Billed Loon	9	-	2	-	103.50	0.00	13	8	2	0	49.09	8.76	23	-	2	-	46.00	0.00	198.59	198.59	
Red-throated Loon	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00
Common Loon	20	-	4	-	152.00	0.00	51	16	6	0	327.64	17.51	194	43	10	6	447.37	83.30	927.01	927.01	
Pacific Loon	12	-	2	-	138.00	0.00	18	-	2	-	72.25	0.00	3	-	0	0	6.00	2.08	216.25	216.25	
Auklet	249	-	43	-	2,556.80	0.00	970	182	36	2	1,844.21	198.22	1,062	3	68	-	2,257.47	0.00	6,786.48	6,786.48	
Murre	283	742	52	150	2,589.00	5,576.20	666	7,212	58	374	2,931.07	20,983.70	1,832	7,484	105	398	4,166.74	17,328.36	9,786.80	43,888.26	
Common Murre	185	-	37	-	1,480.60	0.00	234	117	4	3	222.75	165.79	102	45	5	2	246.95	47.68	773.70	773.70	
Kittiwake	40	28	8	7	304.00	154.00	33	117	4	3	222.75	165.79	102	45	5	2	246.95	47.68	773.70	773.70	
Guillemot	22	-	4	-	167.20	0.00	44	-	5	-	291.34	0.00	184	-	10	-	445.47	0.00	904.02	904.02	
Mew Gull	-	-	96	-	0.00	573.29	-	-	415	-	14	537.60	11	390	1	23	-	25.25	567.34	25.25	1,678.23
Sabine's Gull	-	-	-	-	0.00	0.00	-	6	-	0	-	6.57	-	-	-	-	-	0.00	0.00	0.00	0.00
Glaucous Gull	27	91	5	24	310.50	552.57	53	144	4	14	148.08	479.38	63	842	4	57	134.66	2,277.25	563.24	3,309.20	
Arctic Tern	-	-	-	-	0.00	0.00	-	110	-	4	0.00	189.93	70	-	-	-	-	0.00	0.00	0.00	0.00
Puffin	-	-	-	-	0.00	0.00	537	144	7	4	593.61	188.68	2	-	0	-	4.00	0.00	597.61	597.61	
Bristle-thighed Curlew	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	0.00	-	-	-	-	0.00	0.00	0.00	0.00
Godwit	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	0.00	1	4	0	0	2.00	0.00	2.00	0.00
Whimbrel	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	0.00	2	2	0	-	2.08	0.00	2.08	0.00
Golden Plover	-	-	-	-	0.00	0.00	-	8	-	2	0.00	40.33	18	12	1	2	-	36.00	28.71	36.00	36.00
Small Shorebird	-	-	-	-	0.00	0.00	-	85	-	8	0.00	244.92	4	125	0	6	4.15	404.82	4.15	649.74	649.74
Unidentified Duck	-	-	-	-	0.00	0.00	-	34	-	0	3.28	37.22	2	12	0	0	2.08	12.45	5.38	49.67	
Phalarope	-	-	-	-	0.00	0.00	-	1,142	30	19	0	1,342.34	32.84	1,414	43	-	1,853.42	3.00	3,195.75	3,195.75	
Source Grouse	19	-	5	-	104.50	0.00	21	-	2	-	-	85.09	0.00	146	-	7	-	228.82	0.00	402.41	402.41
Other Bird	-	-	-	-	0.00	0.00	-	-	-	-	-	0.00	1	-	0	-	1.04	0.00	1.04	0.00	
Totals	1,312	1,124	260	244	11,994	7,939	6,058	8,825	373	455	16,265	23,971	11,781	9,788	663	567	22,990.51	22,196.21	51,148.84	54,107.14	

XII. 2002 HARVEST NUMBERS BY SPECIES.

The next set of tables is Harvest Numbers by Species. They list each species on the survey form separately for quick, easy reference. Harvest numbers are listed by harvester category, by village, their totals and their percentage of the Bering Strait/Norton Sound Region. Expanded harvest numbers are also listed by harvester category, by village, their totals and their percentage of the Bering Strait/Norton sound Region. The tables are numbered 7-1 through 7-52 and are on pages 45 through 96.

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Table 7-1.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Tundra Swan										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			6		2	10	8	10	5.26%	14.49%
Elim					2		2	-	1.32%	-
Gambell	2		2		15		19	-	12.50%	-
Koyuk		6		6		2	-	14	-	20.29%
Nome			50	15	19	7	69	22	45.39%	31.88%
Savoonga			2		7		9	-	5.92%	-
Shaktolik		3	1	6		4	1	13	0.66%	18.84%
Shishmaref			4		3		7	-	4.61%	-
Stebbins			2		20		22	-	14.47%	-
St. Michael			6		9		15	-	9.87%	-
Wales							-	-	-	-
White Mountain						10	-	10	-	14.49%
Totals	2	9	73	27	77	33	152	69	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			17		2	10	19	10	5.87%	7.22%
Elim					2		2	-	0.68%	-
Gambell	23		8		30		61	-	19.35%	-
Koyuk		16		35		5	-	56	-	40.22%
Nome			55	16	20	7	74	24	23.61%	17.11%
Savoonga			14		17		30	-	9.66%	-
Shaktolik		16	2	10		4	2	30	0.51%	21.66%
Shishmaref			29		16		45	-	14.23%	-
Stebbins			24		20		44	-	13.95%	-
St. Michael			25		13		38	-	12.14%	-
Wales							-	-	-	-
White Mountain						19	-	19	-	13.79%
Totals	23	32	173	61	119	46	315	138	100.00%	100.00%

Table 7-2.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Sandhill Crane										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			5		2	2	7	2	1.30%	2.22%
Elim	3		8		37	8	48	8	8.91%	8.89%
Gambell	12		13		23		48	-	8.91%	-
Koyuk	3	4	14	8	70	8	87	20	16.14%	22.22%
Nome			62	10	102		164	10	30.43%	11.11%
Savoonga			3		7		10	-	1.86%	-
Shaktolik		10	33	1	4	5	37	16	6.86%	17.78%
Shishmaref			4		4	2	8	2	1.48%	2.22%
Stebbins	1		3		54	13	58	13	10.76%	14.44%
St. Michael			14	4	54	6	68	10	12.62%	11.11%
Wales			2				2	-	0.37%	-
White Mountain					2	9	2	9	0.37%	10.00%
Totals	19	14	161	23	359	53	539	90	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			14		2	2	16	2	1.56%	0.89%
Elim	17		42		40	9	99	9	9.77%	3.82%
Gambell	138		52		46		236	-	23.38%	-
Koyuk	8	11	81	46	181	21	270	77	26.71%	34.25%
Nome			68	11	106		174	11	17.21%	4.85%
Savoonga			20		17		37	-	3.68%	-
Shaktolik		54	53	2	4	5	57	61	5.68%	26.96%
Shishmaref			29		21	10	50	10	4.96%	4.58%
Stebbins	9		36		54	13	99	13	9.84%	5.75%
St. Michael			59	17	79	9	137	26	13.61%	11.30%
Wales			3				3	-	0.25%	-
White Mountain					4	17	4	17	0.38%	7.60%
Totals	172	65	457	75	553	86	1,181	226	117.02%	100.00%

Table 7-3.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: White Fronted Goose										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission	4		11				15	-	6.88%	-
Elim			5		23		28	-	12.84%	-
Gambell					3		3	-	1.38%	-
Koyuk					42		42	-	19.27%	-
Nome			3		5		8	-	3.67%	-
Savoonga							-	-	-	-
Shaktoolik			17				17	-	7.80%	-
Shishmaref	3				43		46	-	21.10%	-
Stebbins					13	1	13	1	5.96%	100.00%
St. Michael			2		44		46	-	21.10%	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	7	0	38	0	173	1	218	1	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission	18		30				48	-	8.23%	-
Elim			26		25		51	-	8.80%	-
Gambell					6		6	-	1.03%	-
Koyuk					109		109	-	18.69%	-
Nome			3		5		8	-	1.46%	-
Savoonga							-	-	-	-
Shaktoolik			27				27	-	4.72%	-
Shishmaref	24				223		247	-	42.39%	-
Stebbins					13	1	13	1	2.23%	100.00%
St. Michael			8		64		72	-	12.45%	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	42	0	96	0	444	1	582	1	100.00%	100.00%

Table 7-4.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Lesser Canada Goose										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			58		17		75	-	7.28%	-
Elim	16		5		52	15	73	15	7.09%	14.29%
Gambell					6		6	-	0.58%	-
Koyuk	7	4	4	4	20		31	8	3.01%	7.62%
Nome			113	23	197	4	310	27	30.10%	25.71%
Savoonga							-	-	-	-
Shaktolik		10	98	30	4	8	102	48	9.90%	45.71%
Shishmaref	8		3		137	7	148	7	14.37%	6.67%
Stebbins	4		3		86		93	-	9.03%	-
St. Michael					99		99	-	9.61%	-
Wales							-	-	-	-
White Mountain			20		73		93	-	9.03%	-
Totals	35	14	304	57	691	34	1,030	105	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			160		17		177	-	7.96%	-
Elim	88		26		56	16	170	16	7.69%	7.14%
Gambell					12		12	-	0.54%	-
Koyuk	19	11	23	23	52		93	34	4.21%	14.89%
Nome			124	25	204	4	328	29	14.80%	12.97%
Savoonga							-	-	-	-
Shaktolik		54	158	48	4	8	162	111	7.32%	48.98%
Shishmaref	64		22		709	36	795	36	35.87%	16.03%
Stebbins	37		36		86		159	-	7.19%	-
St. Michael					144		144	-	6.50%	-
Wales							-	-	-	-
White Mountain			36		139		175	-	7.91%	-
Totals	208	65	585	97	1,424	65	2,217	226	100.00%	100.00%

Table 7-5.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Cackling Canada Goose										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			17		7		24	-	4.97%	-
Elim	13				12	24	25	24	5.18%	32.00%
Gambell					5		5	-	1.04%	-
Koyuk			2		1		3	-	0.62%	-
Nome			46		51	10	97	10	20.08%	13.33%
Savoonga	3				2		5	-	1.04%	-
Shaktolik	14	6	41	18	6	7	61	31	12.63%	41.33%
Shishmaref	2	6	2		38	1	42	7	8.70%	9.33%
Stebbins			15		84	3	99	3	20.50%	4.00%
St. Michael			12		108		120	-	24.84%	-
Wales							-	-	-	-
White Mountain					2		2	-	0.41%	-
Totals	32	12	135	18	316	45	483	75	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			47		7		54	-	4.70%	-
Elim	72				13	26	84	26	7.38%	16.05%
Gambell					10		10	-	0.87%	-
Koyuk			12		3		14	-	1.23%	-
Nome			50		53	10	103	10	9.03%	6.44%
Savoonga	23				5		28	-	2.42%	-
Shaktolik	76	33	66	29	6	7	148	69	12.96%	42.62%
Shishmaref	16	48	15		197	5	227	53	19.87%	33.02%
Stebbins			180		84	3	264	3	23.08%	1.86%
St. Michael			50		157		207	-	18.14%	-
Wales							-	-	-	-
White Mountain					4		4	-	0.33%	-
Totals	186	81	420	29	538	51	1,144	161	100.00%	100.00%

Table 7-6.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Lesser Snow Goose										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission	1		54		24		79	-	6.91%	-
Elim					8		8	-	0.70%	-
Gambell	32		28		79		139	-	12.16%	-
Koyuk			3		9		12	-	1.05%	-
Nome			36		32		68	-	5.95%	-
Savoonga	25		68		129		222	-	19.42%	-
Shaktolik	6		11				17	-	1.49%	-
Shishmaref			10		35	4	45	4	3.94%	100.00%
Stebbins	20		17		291		328	-	28.70%	-
St. Michael			10		214		224	-	19.60%	-
Wales			1				1	-	0.09%	-
White Mountain							-	-	-	-
Totals	84	0	238	0	821	4	1,143	4	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission	4		149		24		177	-	5.46%	-
Elim					9		9	-	0.27%	-
Gambell	368		112		158		638	-	19.70%	-
Koyuk			17		23		41	-	1.25%	-
Nome			39		33		73	-	2.24%	-
Savoonga	190		459		312		961	-	29.68%	-
Shaktolik	33		18				50	-	1.55%	-
Shishmaref			73		181	21	255	21	7.86%	100.00%
Stebbins	187		204		291		682	-	21.05%	-
St. Michael			42		311		353	-	10.91%	-
Wales			1				1	-	0.04%	-
White Mountain							-	-	-	-
Totals	782	0	1,115	0	1,343	21	3,239	21	100.00%	100.00%

Sandhill Crane

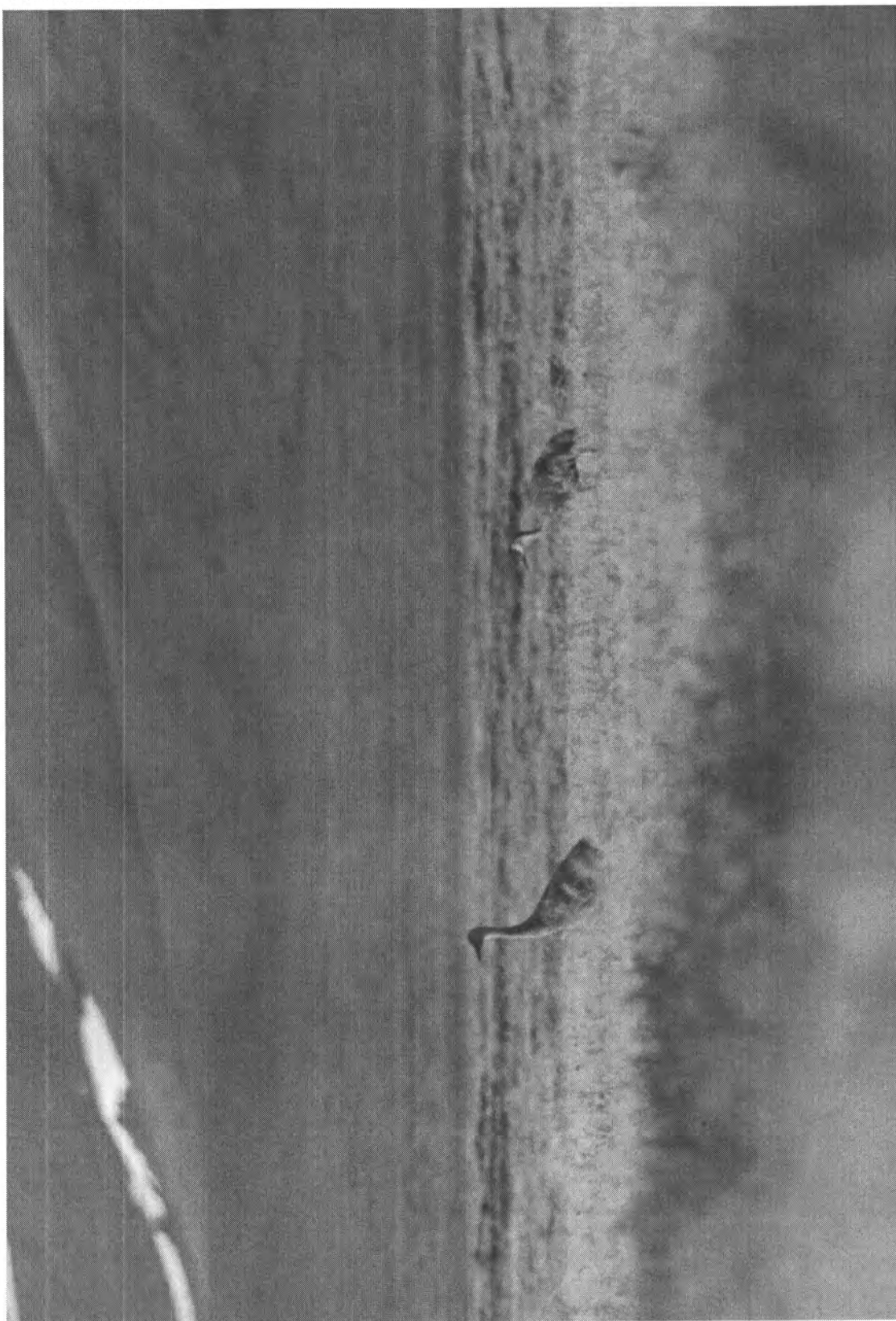


Photo Kawerak Inc. Subsistence Collection

Long-tailed Duck



Photo Kawerak Inc. Subsistence Collection 2003

Table 7-7.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Emperor Goose										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell	45		60		155		260	-	62.95%	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga	10		45		68		123	-	29.78%	-
Shaktoolik							-	-	-	-
Shishmaref			6		18	8	24	8	5.81%	100.00%
Stebbins					1		1	-	0.24%	-
St. Michael					1		1	-	0.24%	-
Wales					4		4	-	0.97%	-
White Mountain							-	-	-	-
Totals	55	0	111	0	247	8	413	8	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell	518		240		310		1,068	-	60.81%	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga	76		304		165		544	-	31.01%	-
Shaktoolik							-	-	-	-
Shishmaref			44		93	41	137	41	7.81%	100.00%
Stebbins					1		1	-	0.06%	-
St. Michael					1		1	-	0.08%	-
Wales					4		4	-	0.23%	-
White Mountain							-	-	-	-
Totals	594	0	588	0	574	41	1,756	41	100.00%	100.00%

Table 7-8.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Black Brant										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			74		72		146	-	12.78%	-
Elim			5		27		32	-	2.80%	-
Gambell	5		6		94		105	-	9.19%	-
Koyuk	2				3		5	-	0.44%	-
Nome			111	12	300		411	12	35.99%	22.22%
Savoonga	15		37		82		134	-	11.73%	-
Shaktoolik			5				5	-	0.44%	-
Shishmaref	6		5		107	42	118	42	10.33%	77.78%
Stebbins			2		1		3	-	0.26%	-
St. Michael							-	-	-	-
Wales			10		13		23	-	2.01%	-
White Mountain			23		137		160	-	14.01%	-
Totals	28	0	278	12	836	42	1,142	54	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			204		72		276	-	10.56%	-
Elim			26		29		56	-	2.13%	-
Gambell	58		24		188		270	-	10.33%	-
Koyuk	5				8		13	-	0.50%	-
Nome			122	13	311		433	13	16.59%	5.70%
Savoonga	114		250		199		562	-	21.55%	-
Shaktoolik			8				8	-	0.31%	-
Shishmaref	48		37		554	217	639	217	24.47%	94.30%
Stebbins			24		1		25	-	0.96%	-
St. Michael							-	-	-	-
Wales			13		13		26	-	0.99%	-
White Mountain			41		262		303	-	11.61%	-
Totals	225	0	748	13	1,636	217	2,609	231	100.00%	100.00%

Table 7-9.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Pintail										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission	4		24	7	32		60	7	4.12%	4.49%
Elim			31		83	19	114	19	7.84%	12.18%
Gambell					43		43	-	2.96%	-
Koyuk			13		92	16	105	16	7.22%	10.26%
Nome			144	12	314	31	458	43	31.48%	27.56%
Savoonga							-	-	-	-
Shaktoolik			8	10	4	10	12	20	0.82%	12.82%
Shishmaref	15		54		272	27	341	27	23.44%	17.31%
Stebbins	4		7		141	24	152	24	10.45%	15.38%
St. Michael			7		100		107	-	7.35%	-
Wales					19		19	-	1.31%	-
White Mountain			26		18		44	-	3.02%	-
Totals	23	0	314	29	1,118	127	1,455	156	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission	18		66	19	32		116	19	3.10%	6.09%
Elim			164		89	20	253	20	6.79%	6.47%
Gambell					86		86	-	2.31%	-
Koyuk			75		238	41	313	41	8.39%	13.09%
Nome			158	13	326	32	483	45	12.96%	14.32%
Savoonga							-	-	-	-
Shaktoolik			13	16	4	10	17	26	0.45%	8.27%
Shishmaref	120		396		1,408	140	1,924	140	51.59%	44.18%
Stebbins	37		84		141	24	262	24	7.03%	7.59%
St. Michael			29		145		175	-	4.69%	-
Wales					19		19	-	0.51%	-
White Mountain			47		34		81	-	2.18%	-
Totals	175	0	1,031	49	2,523	268	3,729	316	100.00%	100.00%

Table 7-10.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Mallard										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			9				9	-	3.53%	-
Elim					5		5	-	1.96%	-
Gambell							-	-	-	-
Koyuk	20		2		8		30	-	11.76%	-
Nome			45	5	76		121	5	47.45%	21.74%
Savoonga							-	-	-	-
Shaktolik			12	12		6	12	18	4.71%	78.26%
Shishmaref					23		23	-	9.02%	-
Stebbins			9		13		22	-	8.63%	-
St. Michael			1		21		22	-	8.63%	-
Wales							-	-	-	-
White Mountain			1		10		11	-	4.31%	-
Totals	20	0	79	17	156	6	255	23	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			25				25	-	4.43%	-
Elim					5		5	-	0.96%	-
Gambell							-	-	-	-
Koyuk	53		12		21		86	-	15.31%	-
Nome			49	5	79		128	5	22.93%	17.73%
Savoonga							-	-	-	-
Shaktolik			19	19		6	19	25	3.47%	82.27%
Shishmaref					119		119	-	21.30%	-
Stebbins			108		13		121	-	21.65%	-
St. Michael			4		31		35	-	6.22%	-
Wales							-	-	-	-
White Mountain			2		19		21	-	3.74%	-
Totals	53	0	219	25	287	6	559	31	100.00%	100.00%

Table 7-11.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Wigeon										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission					8		8	-	4.94%	-
Elim					16		16	-	9.88%	-
Gambell							-	-	-	-
Koyuk					20		20	-	12.35%	-
Nome			3		56		59	-	36.42%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref					20		20	-	12.35%	-
Stebbins					21		21	-	12.96%	-
St. Michael					18		18	-	11.11%	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	3	0	159	0	162	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission					8		8	-	2.77%	-
Elim					17		17	-	5.96%	-
Gambell							-	-	-	-
Koyuk					52		52	-	17.90%	-
Nome			3		58		61	-	21.23%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref					104		104	-	35.81%	-
Stebbins					21		21	-	7.26%	-
St. Michael					26		26	-	9.06%	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	3	0	286	0	289	-	100.00%	-

Table 7-12.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Shoveler										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			1				1	-	0.40%	-
Elim			5		5		10	-	4.00%	-
Gambell							-	-	-	-
Koyuk					14		14	-	5.60%	-
Nome			9		110	6	119	6	47.60%	50.00%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref			3		22		25	-	10.00%	-
Stebbins	2		3		67	6	72	6	28.80%	50.00%
St. Michael					9		9	-	3.60%	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	2	0	21	0	227	12	250	12	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			3				3	-	0.59%	-
Elim			26		5		32	-	6.83%	-
Gambell							-	-	0.00%	-
Koyuk					36		36	-	7.79%	-
Nome			10		114	6	124	6	26.64%	50.94%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref			22		114		136	-	29.19%	-
Stebbins	19		36		67	6	122	6	26.14%	49.06%
St. Michael					13		13	-	2.81%	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	19	0	97	0	350	12	465	12	100.00%	100.00%

Table 7-13.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Green-winged Teal										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission					2		2	-	1.00%	-
Elim			4		8		12	-	6.00%	-
Gambell					1		1	-	0.50%	-
Koyuk					6		6	-	3.00%	-
Nome			17		102		119	-	59.50%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref		24			2		2	24	1.00%	100.00%
Stebbins			1		40		41	-	20.50%	-
St. Michael					13		13	-	6.50%	-
Wales							-	-	-	-
White Mountain					4		4	-	2.00%	-
Totals	0	24	22	0	178	0	200	24	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission					2		2	-	0.76%	-
Elim			21		9		30	-	11.33%	-
Gambell					2		2	-	0.76%	-
Koyuk					16		16	-	5.91%	-
Nome			19		106		124	-	47.39%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref		192			10		10	192	3.94%	100.00%
Stebbins			12		40		52	-	19.80%	-
St. Michael					19		19	-	7.20%	-
Wales							-	-	-	-
White Mountain					8		8	-	2.91%	-
Totals	0	192	52	0	211	0	263	192	100.00%	100.00%

Table 7-14.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Scaup										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			2				2	-	4.44%	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome					31	7	31	7	68.89%	100.00%
Savoonga							-	-	-	-
Shaktolik							-	-	-	-
Shishmaref					8		8	-	17.78%	-
Stebbins					4		4	-	8.89%	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	2	0	43	7	45	7	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			6				6	-	6.62%	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome					32	7	32	7	38.72%	100.00%
Savoonga							-	-	-	-
Shaktolik							-	-	-	-
Shishmaref					41		41	-	49.84%	-
Stebbins					4		4	-	4.81%	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	6	0	78	7	83	7	100.00%	100.00%

Table 7-15.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Canvasback										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome			1		20		21	-	84.00%	-
Savoonga					2		2	-	8.00%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins					2		2	-	8.00%	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	1	0	24	0	25	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome			1		21		22	-	76.15%	-
Savoonga					5		5	-	16.88%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins					2		2	-	6.97%	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	1	0	28	0	29	-	100.00%	-

Table 7-16.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Bufflehead										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	
Elim							-	-	-	
Gambell							-	-	-	
Koyuk							-	-	-	
Nome							-	-	-	
Savoonga							-	-	-	
Shaktoolik							-	-	-	
Shishmaref							-	-	-	
Stebbins					1		1	-	100.00%	
St. Michael							-	-	-	
Wales							-	-	-	
White Mountain							-	-	-	
Totals	0	0	0	0	1	0	1	-	100.00%	
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins					1		1	-	100.00%	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	1	0	1	-	100.00%	-

Table 7-17.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Harlequin										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome			56		7		63	-	86.30%	-
Savoonga					10		10	-	13.70%	-
Shaktolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	56	0	17	0	73	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome			61		7		69	-	73.90%	-
Savoonga					24		24	-	26.10%	-
Shaktolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	61	0	31	0	93	-	100.00%	-

Table 7-18.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Goldeneye										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	0	0	-	-	-	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	0	0	-	-	-	-

Murre Eggs



Photo Kawerak Inc. Subsistence Collection 2003

Murres on Sledge Island



Kawerak Inc. Subsistence Collection 2003

Table 7-19.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Long-tailed duck										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				4		6	-	10	-	33.33%
Elim							-	-	-	-
Gambell	24		18		9		51	-	52.58%	-
Koyuk							-	-	-	-
Nome			2		18	20	20	20	20.62%	66.67%
Savoonga					10		10	-	10.31%	-
Shaktoolik							-	-	-	-
Shishmaref					15		15	-	15.46%	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales			1				1	-	1.03%	-
White Mountain							-	-	-	-
Totals	24	0	21	4	52	26	97	30	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				11		6	-	17	-	45.03%
Elim							-	-	-	-
Gambell	276		72		18		366	-	74.69%	-
Koyuk							-	-	-	-
Nome			2		19	21	21	21	4.26%	54.97%
Savoonga					24		24	-	4.94%	-
Shaktoolik							-	-	-	-
Shishmaref					78		78	-	15.85%	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales			1				1	-	0.26%	-
White Mountain							-	-	-	-
Totals	276	0	75	11	139	27	490	38	100.00%	100.00%

Table 7-20.

Table 7-20.

2002 Migratory Bird Harvest Data Collection Project										
Bering Strait/Norton Sound Region										
Harvest Numbers by Species										
Bird Name: White-winged Scoter										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome					4		4	-	40.00%	-
Savoonga	2				4		6	-	60.00%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	2	0	0	0	8	0	10	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome					4		4	-	14.30%	-
Savoonga	15				10		25	-	85.70%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	15	0	0	0	14	0	29	-	100.00%	-

Table 7-21.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Black Scoter										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell					2		2	-	1.72%	-
Koyuk							-	-	-	-
Nome					114		114	-	98.28%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	116	0	116	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell					4		4	-	3.27%	-
Koyuk							-	-	-	-
Nome					118		118	-	96.73%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	122	0	122	-	100.00%	-

Table 7-22.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Surf Scoter										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins					1		1	-	100.00%	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	1	0	1	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins					1		1	-	100.00%	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	1	0	1	-	100.00%	-

Table 7-23.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Common Merganser										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim				4			-	4	-	100.00%
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome					2		2	-	100.00%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	4	2	0	2	4	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim				21			-	21	-	100.00%
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome					2		2	-	100.00%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	21	2	0	2	21	100.00%	100.00%

Table 7-24.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Red-breasted Merganser										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	0	0	-	-	-	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	0	0	-	-	-	-

Table 7-25.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Common Eider										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission		6	13	25	2	30	15	61	2.54%	12.68%
Elim			1	28	4	114	5	142	0.85%	29.52%
Gambell	42		47		192	12	281	12	47.63%	2.49%
Koyuk						8	-	8	-	1.66%
Nome			118	22	13	122	131	144	22.20%	29.94%
Savoonga	39		25		67		131	-	22.20%	-
Shaktoolik		22					-	22	-	4.57%
Shishmaref	11	55		20	4		15	75	2.54%	15.59%
Stebbins					10	17	10	17	1.69%	3.53%
St. Michael					2		2	-	0.34%	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	92	83	204	95	294	303	590	481	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission		26	36	69	2	30	38	125	1.89%	9.52%
Elim			5	148	4	123	10	271	0.48%	20.60%
Gambell	483		188		384	24	1,055	24	52.91%	1.83%
Koyuk						21	-	21	-	1.58%
Nome			129	24	13	127	143	151	7.15%	11.46%
Savoonga	296		169		162		627	-	31.46%	-
Shaktoolik		119					-	119	-	9.09%
Shishmaref	88	440		147	21		109	587	5.45%	44.63%
Stebbins					10	17	10	17	0.50%	1.29%
St. Michael					3		3	-	0.15%	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	867	586	527	388	600	341	1,994	1,314	100.00%	100.00%

Table 7-26.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: King Eider										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				4			-	4	-	5.97%
Elim							-	-	-	-
Gambell	3		6		106	12	115	12	39.66%	17.91%
Koyuk							-	-	-	-
Nome			43	6	8	4	51	10	17.59%	14.93%
Savoonga	7		44	6	66	35	117	41	40.34%	61.19%
Shaktoolik							-	-	-	-
Shishmaref			3				3	-	1.03%	-
Stebbins							-	-	-	-
St. Michael					2		2	-	0.69%	-
Wales					2		2	-	0.69%	-
White Mountain							-	-	-	-
Totals	10	0	96	16	184	51	290	67	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				11			-	11	-	6.43%
Elim							-	-	-	-
Gambell	35		24		212	24	271	24	31.35%	14.04%
Koyuk							-	-	-	-
Nome			47	7	8	4	55	11	6.42%	6.27%
Savoonga	53		297	41	160	85	510	125	59.11%	73.26%
Shaktoolik							-	-	-	-
Shishmaref			22				22	-	2.55%	-
Stebbins							-	-	-	-
St. Michael					3		3	-	0.34%	-
Wales					2		2	-	0.23%	-
White Mountain							-	-	-	-
Totals	88	0	390	58	385	113	863	171	100.00%	100.00%

Table 7-27.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Spectacled Eider										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell			41		6		47	-	38.84%	-
Koyuk							-	-	-	-
Nome			1	8	1		2	8	1.65%	53.33%
Savoonga	11		17		37	7	65	7	53.72%	46.67%
Shaktoolik							-	-	-	-
Shishmaref			7				7	-	5.79%	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	11	0	66	8	44	7	121	15	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell			164		12		176	-	34.02%	-
Koyuk							-	-	-	-
Nome			1	9	1		2	9	0.41%	34.07%
Savoonga	84		115		90	17	288	17	55.65%	65.93%
Shaktoolik							-	-	-	-
Shishmaref			51				51	-	9.92%	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	84	0	331	9	103	17	517	26	100.00%	100.00%

Table 7-28.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Steller's Eider										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome			50	4			50	4	96.15%	100.00%
Savoonga					2		2	-	3.85%	-
Shaktolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	50	4	2	0	52	4	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome			55	4			55	4	91.88%	100.00%
Savoonga					5		5	-	8.12%	-
Shaktolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	55	4	5	0	60	4	100.00%	100.00%

Table 7-29.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Yellow Billed Loon										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell	9		12		23		44	-	97.78%	-
Koyuk							-	-	-	-
Nome			1	8			1	8	2.22%	100.00%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	9	0	13	8	23	0	45	8	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell	104		48		46		198	-	99.45%	-
Koyuk							-	-	-	-
Nome			1	9			1	9	0.55%	100.00%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	104	0	49	9	46	0	199	9	100.00%	100.00%

Table 7-30.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Red-throated Loon										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-		
Elim							-	-		
Gambell					2		2	-	100.00%	
Koyuk							-	-		
Nome							-	-		
Savoonga							-	-		
Shaktoolik							-	-		
Shishmaref							-	-		
Stebbins							-	-		
St. Michael							-	-		
Wales							-	-		
White Mountain							-	-		
Totals	0	0	0	0	2	0	2	-	100.00%	
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell					4		4	-	100.00%	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	4	0	4	-	100.00%	-

Table 7-31.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Common Loon										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission						20	-	20	-	33.90%
Elim						5	-	5	-	8.47%
Gambell					30		30	-	11.32%	-
Koyuk						4	-	4	-	6.78%
Nome				16	7	4	7	20	2.64%	33.90%
Savoonga	20		46		157		223	-	84.15%	-
Shaktolik							-	-	-	-
Shishmaref						8	-	8	-	13.56%
Stebbins			1			2	1	2	0.38%	3.39%
St. Michael							-	-	-	-
Wales			4				4	-	1.51%	-
White Mountain							-	-	-	-
Totals	20	0	51	16	194	43	265	59	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission						20	-	20	-	19.84%
Elim						5	-	5	-	5.34%
Gambell					60		60	-	6.47%	-
Koyuk						10	-	10	-	10.27%
Nome				18	7	4	7	22	0.78%	21.49%
Savoonga	152		311		380		843	-	90.90%	-
Shaktolik							-	-	-	-
Shishmaref						41	-	41	-	41.08%
Stebbins			12			2	12	2	1.29%	1.98%
St. Michael							-	-	-	-
Wales			5				5	-	0.55%	-
White Mountain							-	-	-	-
Totals	152	0	328	18	447	83	927	101	100.00%	100.00%

Table 7-32.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Pacific Loon										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			2				2	-	6.06%	-
Elim							-	-	-	-
Gambell	12		15		3		30	-	90.91%	-
Koyuk							-	-	-	-
Nome						2	-	2	-	100.00%
Savoonga			1				1	-	3.03%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	12	0	18	0	3	2	33	2	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			6				6	-	2.54%	-
Elim							-	-	-	-
Gambell	138		60		6		204	-	94.34%	-
Koyuk							-	-	-	-
Nome						2	-	2	-	100.00%
Savoonga			7				7	-	3.12%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	138	0	72	0	6	2	216	2	100.00%	100.00%

Table 7-33.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Auklet										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell	196		135		745		1,076	-	47.17%	-
Koyuk							-	-	-	-
Nome			766	182			766	182	33.58%	100.00%
Savoonga	53		69		317		439	-	19.25%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	249	0	970	182	1,062	0	2,281	182	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell	2,254		540		1,490		4,284	-	63.39%	-
Koyuk							-	-	-	-
Nome			838	199			838	199	12.41%	100.00%
Savoonga	403		466		767		1,636	-	24.21%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	2,657	0	1,844	199	2,257	0	6,758	199	100.00%	100.00%

Table 7-34.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Murre										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim		30					-	30	-	0.19%
Gambell	138		100		638	957	876	957	31.50%	6.20%
Koyuk						30	-	30	-	0.19%
Nome			228	4,602		284	228	4,886	8.20%	31.65%
Savoonga	145	712	338	2,279	1,194	6,213	1,677	9,204	60.30%	59.62%
Shaktoolik				320			-	320	-	2.07%
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael				11			-	11	-	0.07%
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	283	742	666	7,212	1,832	7,484	2,781	15,438	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim		165					-	165	-	0.38%
Gambell	1,587		400		1,276	1,914	3,263	1,914	33.34%	4.36%
Koyuk						78	-	78	-	0.18%
Nome			250	5,037		295	250	5,332	2.55%	12.15%
Savoonga	1,102	5,411	2,282	15,383	2,891	15,042	6,274	35,836	64.11%	81.65%
Shaktoolik				517			-	517	-	1.18%
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael				46			-	46	-	0.11%
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	2,689	5,576	2,931	20,984	4,167	17,328	9,787	43,888	100.00%	100.00%

Table 7-35.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Cormorant										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell	14		56		191		261	-	26.42%	-
Koyuk							-	-	-	-
Nome			15		7		22	-	2.23%	-
Savoonga	171		163		367		701	-	70.95%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins					4		4	-	0.40%	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	185	0	234	0	569	0	988	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell	161		224		382		767	-	18.78%	-
Koyuk							-	-	-	-
Nome			16		7		24	-	0.58%	-
Savoonga	1,300		1,100		889		3,288	-	80.54%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins					4		4	-	0.10%	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	1,461	0	1,341	0	1,282	0	4,083	-	100.00%	-

Table 7-36.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Kittiwake										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim		28		9		25	-	62	-	32.63%
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				108		20	-	128	-	67.37%
Savoonga	40		33		102		175	-	100.00%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	40	28	33	117	102	45	175	190	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim		154		48		27	-	228	-	62.18%
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				118		21	-	139	-	37.82%
Savoonga	304		223		247		774	-	100.00%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	304	154	223	166	247	48	774	367	100.00%	100.00%

Pacific Loon



Photo Kawerak Inc. Subsistence Collection 2003

Bar-tailed Godwit



Photo Kawerak Inc. Subsistence Collection 2003

Table 7-37.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Guillemot										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome			1				1	-	0.40%	-
Savoonga	22		43		184		249	-	99.60%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	22	0	44	0	184	0	250	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome			1				1	-	0.12%	-
Savoonga	167		290		445		904	-	99.88%	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	167	0	291	0	445	0	904	-	100.00%	-

Table 7-38.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Mew Gull										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				8			-	8	-	0.89%
Elim		10		8		60	-	78	-	8.66%
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				338	1	123	1	461	9.09%	51.17%
Savoonga					10	30	10	30	90.91%	3.33%
Shaktolik		66		35			-	101	-	11.21%
Shishmaref		20					-	20	-	2.22%
Stebbins						39	-	39	-	4.33%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain				26		138	-	164	-	18.20%
Totals	0	96	0	415	11	390	11	901	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				22			-	22	-	1.31%
Elim		55		42		65	-	162	-	9.65%
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				370	1	128	1	498	4.12%	29.65%
Savoonga					24	73	24	73	95.88%	4.33%
Shaktolik				358		57	-	415	-	24.72%
Shishmaref		160					-	160	-	9.53%
Stebbins						39	-	39	-	2.32%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain				47		263	-	310	-	18.49%
Totals	0	215	0	839	25	624	25	1,678	100.00%	100.00%

Table 7-39.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Sabine's Gull										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				6			-	6	-	100.00%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	6	0	0	-	6	-	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				7			-	7	-	100.00%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	7	0	0	-	7	-	100.00%

Table 7-40.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Glaucous Gull										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission						75	-	75	-	6.96%
Elim		64		47		147	-	258	-	23.96%
Gambell	27		31		26		84	-	58.74%	-
Koyuk						14	-	14	-	1.30%
Nome			22	77	5	241	27	318	18.88%	29.53%
Savoonga					32		32	-	22.38%	-
Shaktolik		6					-	6	-	0.56%
Shishmaref		21		20		328	-	369	-	34.26%
Stebbins						12	-	12	-	1.11%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain						25	-	25	-	2.32%
Totals	27	91	53	144	63	842	143	1,077	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission						75	-	75	-	2.27%
Elim		352		248		158	-	759	-	22.93%
Gambell	311		124		52		487	-	82.01%	-
Koyuk						36	-	36	-	1.10%
Nome			24	84	5	250	29	334	4.93%	10.10%
Savoonga					77		77	-	13.06%	-
Shaktolik		33					-	33	-	0.98%
Shishmaref		168		147		1,698	-	2,013	-	60.82%
Stebbins						12	-	12	-	0.36%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain						48	-	48	-	1.44%
Totals	311	553	148	479	135	2,277	593	3,309	100.00%	100.00%

Table 7-41.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Arctic Tern										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				42		15	-	57	-	31.67%
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				68		41	-	109	-	60.56%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref						12	-	12	-	6.67%
Stebbins						2	-	2	-	1.11%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	110	0	70	-	180	-	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				116		15	-	131	-	41.88%
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				74		43	-	117	-	37.54%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref						62	-	62	-	19.94%
Stebbins						2	-	2	-	0.64%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	190	0	122	-	312	-	100.00%

Table 7-42.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Puffin										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell			2		2		4	-	0.74%	-
Koyuk							-	-	-	-
Nome			535	134			535	134	99.26%	93.06%
Savoonga							-	-	-	-
Shaktolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael				10			-	10	-	6.94%
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	537	144	2	0	539	144	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell			8		4		12	-	2.01%	-
Koyuk							-	-	-	-
Nome			586	147			586	147	97.99%	77.74%
Savoonga							-	-	-	-
Shaktolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael				42			-	42	-	22.26%
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	594	189	4	0	598	189	100.00%	100.00%

not surveyed:
 - Pionus
 - G. dominus
 - T. bellus
 - U. alacutus
 Table 7-43.

2002 Migratory Bird Harvest Data Collection Project										
Bering Strait/Norton Sound Region										
Harvest Numbers by Species										
Bird Name: Bristle-thighed Curlew										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	0	0	-	-	-	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	0	0	-	-	-	-

Table 7-44.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Godwit										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell					1		1	-	100.00%	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins						4	-	4	-	100.00%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	1	4	1	4	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell					2		2	-	100.00%	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins						4	-	4	-	100.00%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	2	4	2	4	100.00%	100.00%

Table 7-45.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Whimbrel										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome					2		2	-	100.00%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	2	0	2	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome					2		2	-	100.00%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	0	2	0	2	-	100.00%	-

Table 7-46.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Golden Plover										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission		7		4		8	-	19	-	61.29%
Elim							-	-	-	-
Gambell					18		18	-	100.00%	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref		4		4		4	-	12	-	38.71%
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	11	0	8	18	12	18	31	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission		31		11		8	-	50	-	37.77%
Elim							-	-	-	-
Gambell					36		36	-	100.00%	-
Koyuk							-	-	-	-
Nome							-	-	-	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref		32		29		21	-	82	-	62.23%
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	63	0	40	36	29	36	132	100.00%	100.00%

Table 7-47.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Small Shorebird										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				54			-	54	-	25.71%
Elim				3			-	3	-	1.43%
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				20	4		4	20	100.00%	9.52%
Savoonga							-	-	-	-
Shaktolik							-	-	-	-
Shishmaref				8		67	-	75	-	35.71%
Stebbins						58	-	58	-	27.62%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	85	4	125	4	210	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission				149			-	149	-	22.86%
Elim				16			-	16	-	2.44%
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome				22	4		4	22	100.00%	3.37%
Savoonga							-	-	-	-
Shaktolik							-	-	-	-
Shishmaref				59		347	-	405	-	62.41%
Stebbins						58	-	58	-	8.93%
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	0	245	4	405	4	650	100.00%	100.00%

Table 7-48.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Unidentified duck										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-		
Elim							-	-		
Gambell							-	-		
Koyuk							-	-		
Nome			3	34	2	12	5	46	100.00%	100.00%
Savoonga							-	-		
Shaktoolik							-	-		
Shishmaref							-	-		
Stebbins							-	-		
St. Michael							-	-		
Wales							-	-		
White Mountain							-	-		
Totals	0	0	3	34	2	12	5	46	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim							-	-	-	-
Gambell							-	-	-	-
Koyuk							-	-	-	-
Nome			3	37	2	12	5	50	100.00%	100.00%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	0	0	3	37	2	12	5	50	100.00%	100.00%

Table 7-49.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Ptarmigan										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			36		32		68	-	2.66%	-
Elim					10		10	-	0.39%	-
Gambell							-	-	-	-
Koyuk					35		35	-	1.37%	-
Nome			1,103	30	1,181		2,284	30	89.36%	100.00%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref					78		78	-	3.05%	-
Stebbins			3		48		51	-	2.00%	-
St. Michael					28		28	-	1.10%	-
Wales					2		2	-	0.08%	-
White Mountain							-	-	-	-
Totals	0	0	1,142	30	1,414	0	2,556	30	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission			99		32		131	-	4.10%	-
Elim					11		11	-	0.34%	-
Gambell							-	-	-	-
Koyuk					91		91	-	2.83%	-
Nome			1,207	33	1,226		2,433	33	76.13%	100.00%
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref					404		404	-	12.63%	-
Stebbins			36		48		84	-	2.63%	-
St. Michael					41		41	-	1.27%	-
Wales					2		2	-	0.06%	-
White Mountain							-	-	-	-
Totals	0	0	1,342	33	1,853	0	3,196	33	100.00%	100.00%

Table 7-50.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Spruce Grouse										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim	19		11		34		64	-	34.41%	-
Gambell							-	-	-	-
Koyuk					49		49	-	26.34%	-
Nome			10		63		73	-	39.25%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	19	0	21	0	146	0	186	-	100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission							-	-	-	-
Elim	105		58		37		199	-	49.52%	-
Gambell							-	-	-	-
Koyuk					127		127	-	31.52%	-
Nome			11		65		76	-	18.97%	-
Savoonga							-	-	-	-
Shaktoolik							-	-	-	-
Shishmaref							-	-	-	-
Stebbins							-	-	-	-
St. Michael							-	-	-	-
Wales							-	-	-	-
White Mountain							-	-	-	-
Totals	105	0	69	0	229	0	402	-	100.00%	-

Table 7-51.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Bird Name: Other Bird										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission									-	-
Elim									-	-
Gambell									-	-
Koyuk									-	-
Nome					1		1		100.00%	-
Savoonga									-	-
Shaktoolik									-	-
Shishmaref									-	-
Stebbins									-	-
St. Michael									-	-
Wales									-	-
White Mountain									-	-
Totals					1		1		100.00%	-
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission									-	-
Elim									-	-
Gambell									-	-
Koyuk									-	-
Nome					1		1		100.00%	-
Savoonga									-	-
Shaktoolik									-	-
Shishmaref									-	-
Stebbins									-	-
St. Michael									-	-
Wales									-	-
White Mountain									-	-
Totals					1		1		100.00%	-

Table 7-52.

2002 Migratory Bird Harvest Data Collection Project Bering Strait/Norton Sound Region Harvest Numbers by Species Region Totals										
Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission	9	13	312	148	200	166	521	327	2.72%	1.66%
Elim	51	132	75	99	326	417	452	648	2.36%	3.28%
Gambell	561	-	572	-	2,418	981	3,551	981	18.54%	4.97%
Koyuk	32	14	38	18		82	439	114	2.29%	0.58%
Nome	-	-	3,594	5,740	2,855	938	6,449	6,678	33.67%	33.83%
Savoonga	563	712	934	2,285	2,856	6,285	4,353	9,282	22.73%	47.03%
Shaktolik	20	123	226	432	18	40	264	595	1.38%	3.01%
Shishmaref	45	130	101	52	829	510	975	692	5.09%	3.51%
Stebbins	31	-	66	-	902	181	999	181	5.22%	0.92%
St. Michael	-	-	52	25	722	6	774	31	4.04%	0.16%
Wales	-	-	18	-	40	-	58	-	0.30%	0.00%
White Mountain	-	-	70	26	246	182	316	208	1.65%	1.05%
Totals	1,312	1,124	6,058	8,825	11,781	9,788	19,151	19,737	100.00%	100.00%
Expanded Harvest Numbers by Village & Stratification										
Village Name	None Harvesters		Low Harvesters		High Harvesters		Harvest Totals		Percent of Region	
	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	# Birds	# Eggs	% Birds	% Eggs
Brevig Mission	40	57	858	407	200	166	1,098	630	2.15%	1.16%
Elim	281	726	396	523	351	449	1,028	1,698	2.01%	3.14%
Gambell	6,452	0	2,288	0	4,836	1,962	13,576	1,962	26.54%	3.63%
Koyuk	85	37	219	104	955	212	1,259	353	2.46%	0.65%
Nome	0	0	3,934	6,283	2,963	973	6,897	7,256	13.48%	13.41%
Savoonga	4,279	5,411	6,305	15,424	6,915	15,216	17,498	36,051	34.21%	66.63%
Shaktolik	109	668	365	698	18	40	492	1,406	0.96%	2.60%
Shishmaref	360	1,040	741	381	4,291	2,640	5,392	4,061	10.54%	7.51%
Stebbins	289	0	792	0	902	181	1,983	181	3.88%	0.33%
St. Michael	0	0	218	105	1,050	9	1,269	114	2.48%	0.21%
Wales	0	0	23	0	40	0	63	-	0.12%	0.00%
White Mountain	0	0	126	47	470	347	596	394	1.16%	0.73%
Totals	11,894	7,581	16,265	24,273	22,991	22,253	51,149	54,107	100.00%	100.00%

Cormorant



Photo Kawerak Inc. Subsistence Collection 2003

Canada Geese



Photo Kawerak Inc. Subsistence Collection 2003

APPENDIX I

BERING STRAIT/NORTON SOUND MIGRATORY
BIRD COUNCIL

APPENDIX II

ALASKA MIGRATORY CO-MANAGEMENT
COUNCIL



BERING STRAIT/NORTON SOUND MIGRATORY BIRD COUNCIL

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Brevig Traditional Council Floyd Olanna P.O. Box 18 Brevig Mission, Ak. 99785 Phone: <u>642-4301</u> , or 642-4091 Fax: <u>642-2099</u>	Council Traditional Council Rose Ann Titus PO Box 35 White Mountain, AK 99784 Home phone: 638-3581, wk 638-2115 IRA: <u>443-7649</u> , Fax: <u>443-5965</u>	Diomed IRA Council Herbert Milligrock P.O. Box 7079 Diomed, Alaska 99762 Phone: <u>686-2175</u> , or 686-2194 Fax: <u>686-2203</u>
Elim IRA Council Joel Saccheus P.O. Box 39070 Elim, Alaska 99739 Phone: <u>890-3737</u> , or 890-3061 Fax: <u>890-3738</u>	Gambell IRA Council Gerald Soonagrook, Sr. P.O. Box 90 Gambell, Alaska 99742 Phone: <u>985-5346</u> , or 985-5535 Fax: <u>985-5014</u>	Chinik Eskimo Community Jack Fagerstrom P.O. Box 62020 Golovin, Alaska 99762 Phone: <u>779-2214</u> , or 779-2264, or Fax: <u>779-2829</u> 779-3971 G-VFD
King Island Native Community John Kokuluk P.O. Box 297 Nome, Alaska 99762 Phone: <u>443-5494</u> , or 443-5026 Fax: <u>443-3620</u>	Koyuk IRA Council Frank Kavairlook P.O. Box 30 Koyuk, Alaska 99753 Phone: <u>963-3651</u> , 963-3291 Fax: <u>963-2353</u>	Mary's Igloo Traditional Council James Weyanna P.O. Box 630 Teller, Alaska 99778 Phone: <u>642-3731</u> Fax: <u>642-2189</u>
Nome Eskimo Community Austin Ahmasuk P.O. Box 1292 Nome, Alaska 99762 Phone: <u>443-2246</u> Fax: <u>443-3539</u>	St. Michael IRA Council Milton Cheemuk P.O. Box 59058 St. Michael, Alaska 99659 Phone: <u>923-2304</u> , 923-3961 Fax: <u>923-2406</u>	Savoonga IRA Council Morris Toolie P.O. Box 120 Savoonga, Alaska 99769 Phone: <u>984-6414</u> , or 984-6548 Fax: <u>984-6027</u>
Shaktoolik IRA Council Axel Jackson P.O. Box 56 Shaktoolik, Alaska 99771 Phone: <u>955-3701</u> , or 955-3251 Fax: <u>955-2352</u>	Shishmaref IRA Council Edwin Weyiouanna P.O. Box 72049 Shishmaref, Ak. 99772 Phone: <u>649-3821</u> , or 649-3631 Fax: <u>649-2104</u> (parents)	Solomon Traditional Council Wallace Johnson P.O. Box 2053 Nome, Alaska 99762 Phone: <u>443-4985</u> Fax: <u>443-5189</u>
Stebbins Community Assoc. Morris Nashoanuk P.O. Box 2 Stebbins, Alaska 99671 Phone: <u>934-3561</u> Fax: <u>934-3560</u>	Teller Traditional Council Sarah Okboak P.O. Box 567 Teller, Alaska 99778 Phone: <u>642-3381</u> , or 642- Fax: <u>642-2072</u>	Unalakleet IRA Council Kermit Ivanoff, Sr. P.O. Box 270 Unalakleet, Alaska 99684 Phone: <u>624-3622</u> , or 624-5035 Fax: <u>624-3402</u> (message)
Wales IRA Council Clyde Oxereok P.O. Box 522 Wales, Alaska 99783 Phone: <u>664-3062</u> , 664-3079 Fax: <u>664-3671</u>	White Mountain IRA Council Jack Brown P.O. Box 84036 White Mountain, Ak. 99784 Phone: <u>638-3651</u> , or 638-3081 Fax: <u>638-3652</u> (Peter Buck's)	NOTE: All <u>underlined</u> phone numbers are IRA phone numbers. Other phone numbers are home or contact numbers. Fax numbers are IRA fax numbers.

Revised: 11/06/03

BERING STRAIT/NORTON SOUND MIGRATORY BIRD COUNCIL
ALTERNATE Representatives

Brevig Traditional Council	Council Traditional Council William Gray PO Box 1644 Nome, AK 99762 Phone: 443-5354	Diomedes IRA Council
Elim IRA Council	Gambell IRA Council	Chinik Eskimo Community
King Island Native Comm. Henry Stanislaus Phone: 443-5494 Fax: 443-3620	Koyuk IRA Council	Mary's Igloo Traditional Council
Nome Eskimo Community Andy Miller Jr. P. O. Box 1090 Nome, AK 99762 443-2246/2372 (home)	St. Michael IRA Council	Savoonga IRA Council
Shaktoolik IRA Council	Shishmaref IRA Council	Solomon Traditional Council
Stebbins Community Association	Teller IRA Council	Unalakleet IRA Council
Wales IRA Council	White Mountain IRA Council	

Alaska Migratory Bird Co-management Council
January 2003

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