

SUBSISTENCE HARVEST AND USE OF MOOSE BY SOUTHWEST ALASKA COMMUNITIES

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RC 73



OUTLINE

1. Amount Necessary for Subsistence, Unit 9
2. Harvest data in 9B Communities
3. Harvest data for 9B and 17 Communities
4. Harvest data for 9C Communities

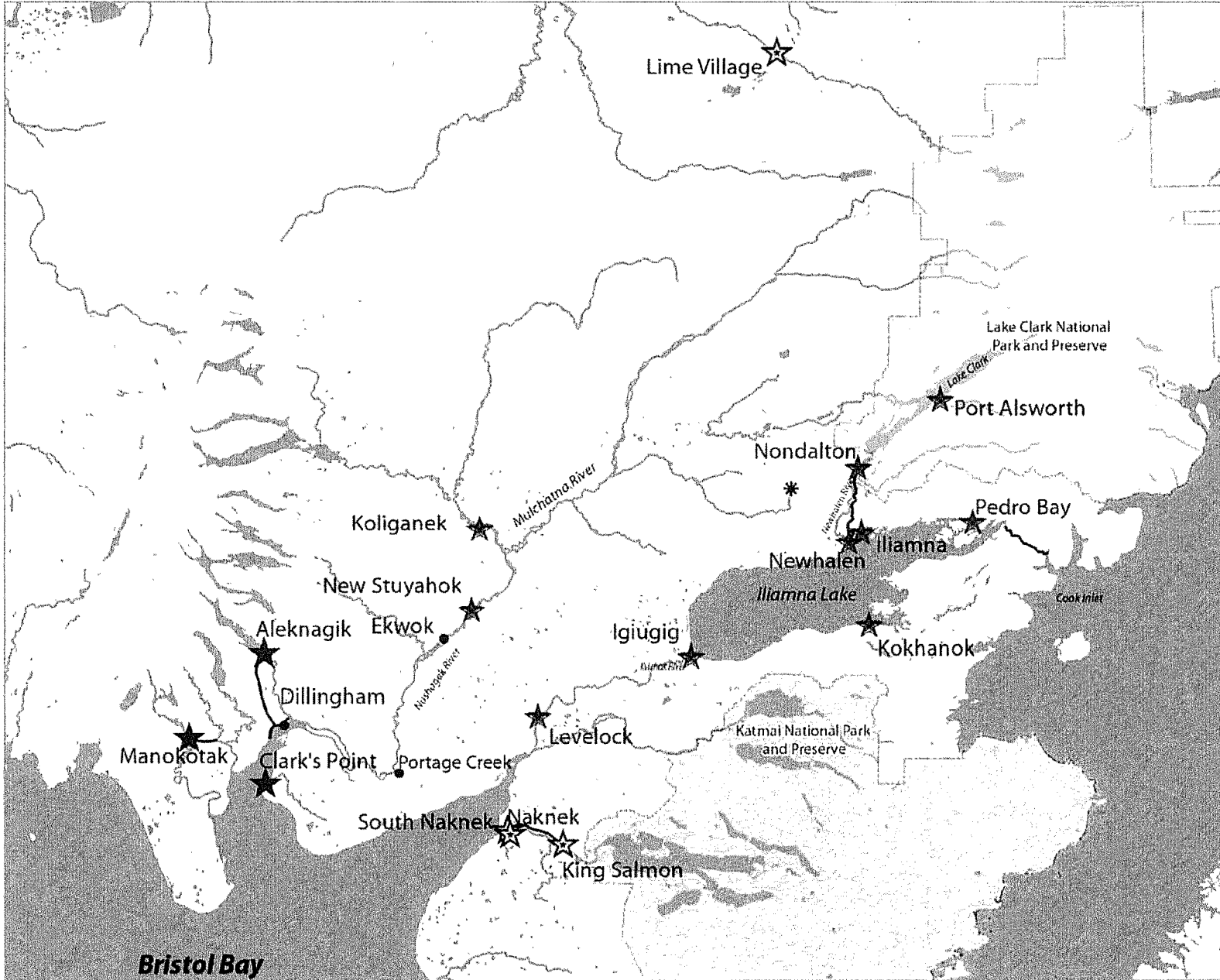


ANS (AMOUNT NECESSARY FOR SUBSISTENCE) 5 AAC 99.025

1. Positive Customary and Traditional Use finding for 9A, 9B, 9C, and 9E
2. Negative Customary and Traditional Use finding for 9D
3. ANS for 9A, 9B, 9C, and 9E is 100-140 moose



DIVISION OF SUBSISTENCE - ALASKA DEPARTMENT OF FISH AND GAME



STUDY COMMUNITIES

- ★
- ★
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- ★
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Year I
 Year II
 Year III
 Year IV



2004 Harvest Summary & Hunting Areas Unit 9B Communities

Population of Study Communities, 2004

- Iliamna - 73
- Newhalen - 125
- Nondalton - 164
- Pedro Bay - 69
- Port Alsworth - 109
- Total Population - 540

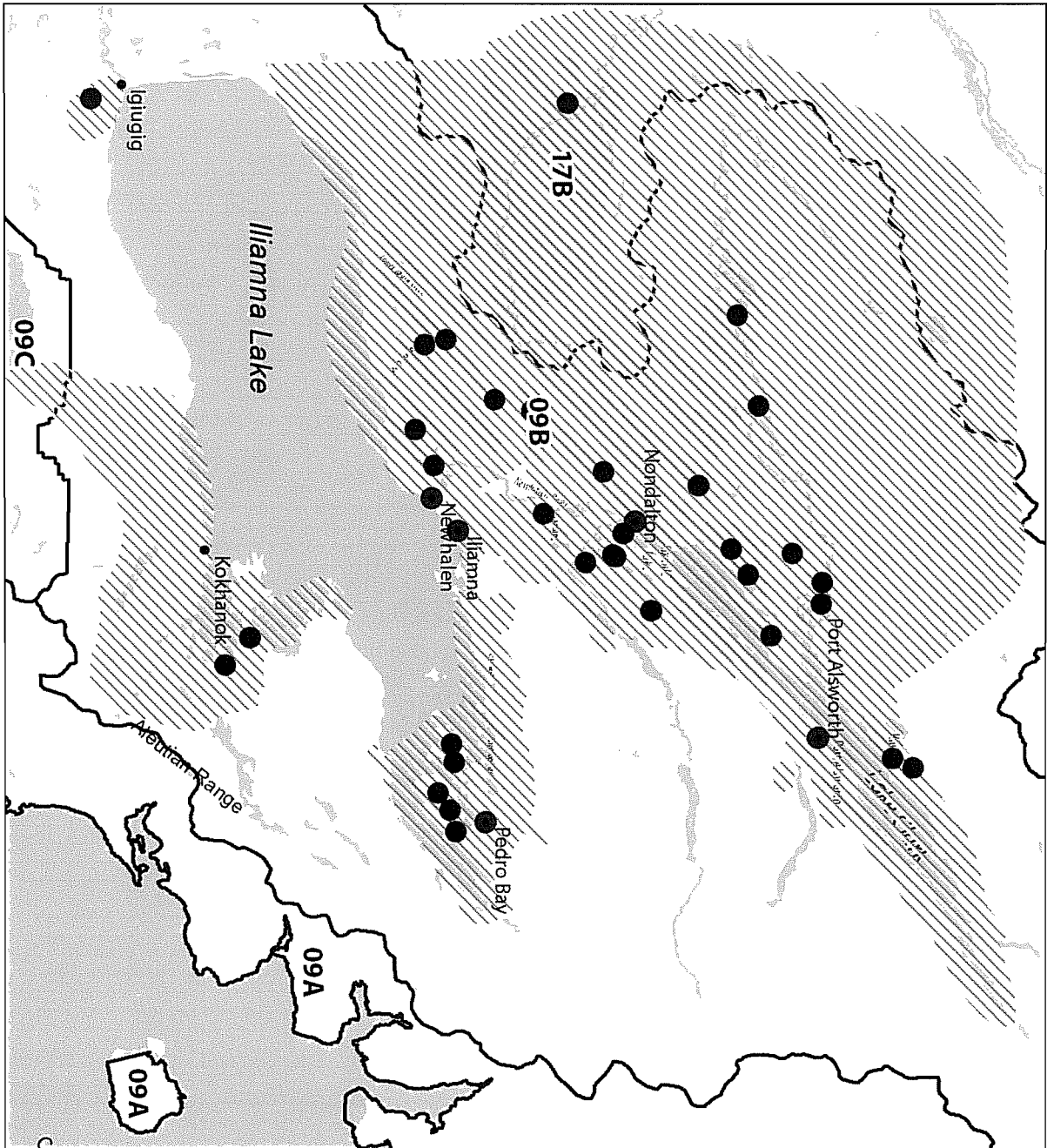


Estimated Harvest and Use of Moose, 2004

Resource Name	Percentage of Households					Pounds Harvested			Amount Harvested*		95% Conf
	Use	Att	Harv	Recv	Give	Total	Mean HH	Percapita	Total	Mean HH	Limit (+/-)
Iliamna	77%	46%	15%	62%	31%	1,828	83	25	3 Ind	0.15	40%
Newhalen	60%	32%	20%	56%	36%	4,687	151	37	9 Ind	0.28	11%
Nondalton	68%	45%	16%	63%	37%	9,166	213	56	17 Ind	0.39	12%
Pedro Bay	78%	72%	17%	61%	22%	1,890	90	27	4 Ind	0.17	31%
Port Alsworth	55%	36%	5%	45%	9%	736	25	7	1 Ind	0.05	163%
	68%	46%	14%	57%	27%	18,307	112	31	34 Ind	0.21	51%

SOURCE: Alaska Department of Fish and Game, Division of Subsistence Household Surveys, 2005.





- Moose Harvests
- 2004 Study Communities
- /// Moose Hunting Area

0 5 10
Miles

2005 Harvest Summary & Hunting Areas Unit 9B & 17 Communities

Population of Study Communities, 2005

- Igiugig - 41
- Kokhanok - 158
- Koliganek - 150
- Levelock - 34
- New Stuyahok - 421
- Total Population - 804

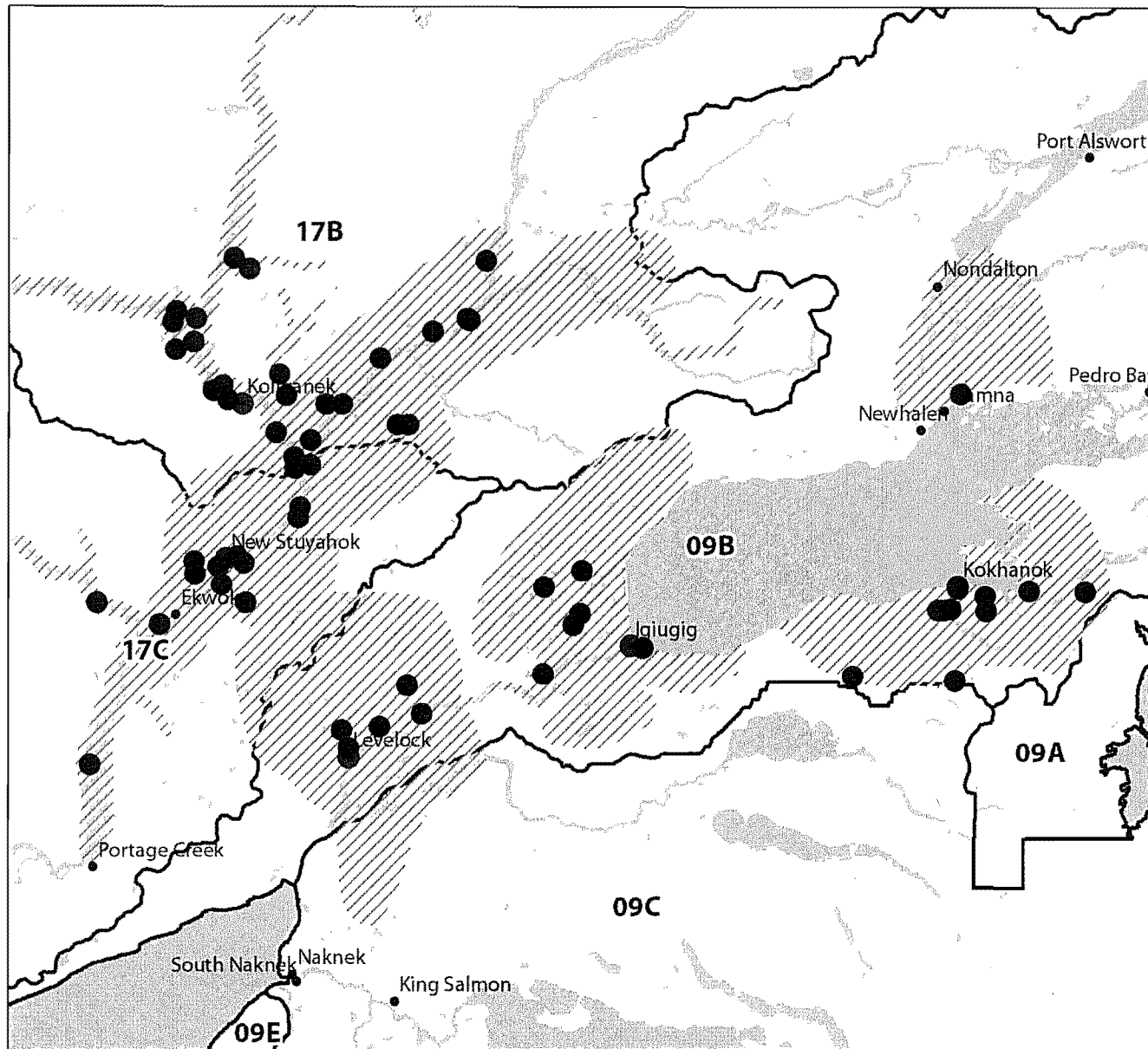





Estimated Harvest and Use of Moose, 2005

Resource Name	Percentage of Households					Pounds Harvested			Amount Harvested*		95% Conf
	Use	Att	Harv	Recv	Give	Total	Mean HH	Percapita	Total	Mean HH	Limit (+/-)
Igiugig	100%	50%	42%	67%	75%	3,510	270	85	7 Ind	0.50	8%
Kokhanok	83%	60%	37%	66%	34%	10,368	247	65	19 Ind	0.46	10%
Koliganek	86%	68%	50%	46%	54%	12,960	309	86	24 Ind	0.57	15%
Levelock	93%	43%	29%	79%	43%	4,397	231	130	8 Ind	0.43	17%
New Stuyahok	94%	65%	51%	65%	43%	31,739	331	75	59 Ind	0.61	12%
	91%	57%	42%	65%	50%	62,974	277	88	117 Ind	0.51	12%

SOURCE: Alaska Department of Fish and Game, Division of Subsistence Household Surveys, 2006.





-  Moose Harvests
-  2005 Study Communities
-  Moose Hunting Area



2007 Harvest Summary & Hunting Areas Unit 9B & 9C Communities

Population of Study Communities, 2007

- King Salmon - 246
- Naknek - 533
- South Naknek - 52
- Total Population - 831

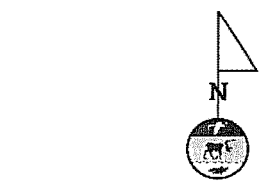
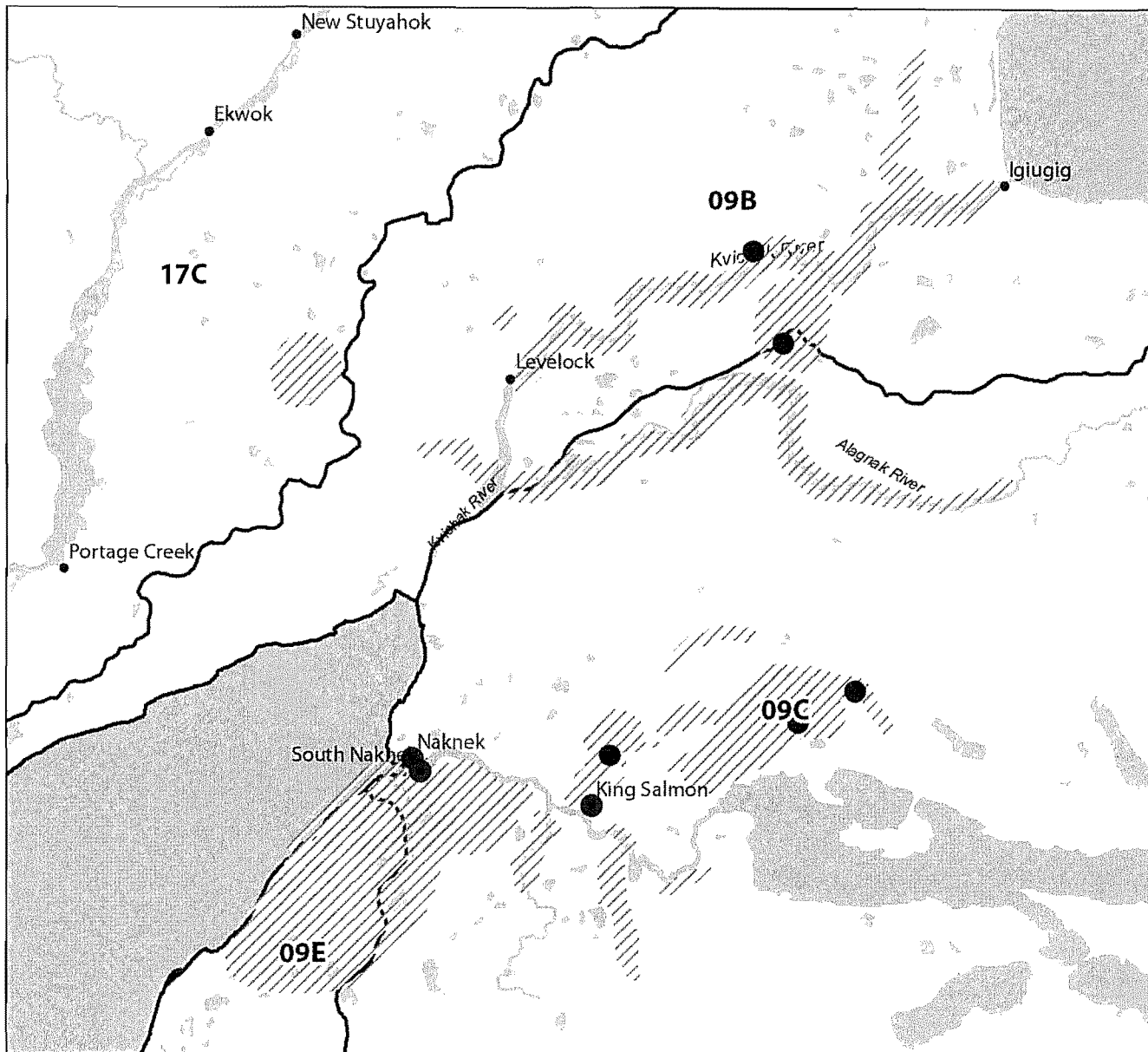


Estimated Harvest and Use of Moose, 2007

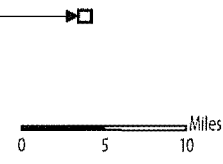
Resource Name	Percentage of Households					Pounds Harvested			Amount Harvested*		95% Conf
	Use	Att	Harv	Recv	Give	Total	Mean HH	Per capita	Total	Mean HH	Limit (+/-)
King Salmon	33%	31%	10%	24%	10%	4,849	55	20	9 ind	0.10	15%
Naknek	48%	23%	5%	47%	5%	5,357	29	11	10 ind	0.05	15%
South Naknek	29%	24%	0%	29%	0%	0	0	0	0 ind	0.00	0%
	36%	26%	5%	33%	5%	10,206	28	10	19 Ind	0.05	10%

SOURCE: Alaska Department of Fish and Game, Division of Subsistence Household Surveys, 2008.





- Moose Harvests
- 2007 Study Communities
- /// Moose Hunting Area



Questions?

