



ECONorthwest  

Economic Importance of Alaska's Wildlife in 2011

Ernie Niemi
Natural Resource Economics

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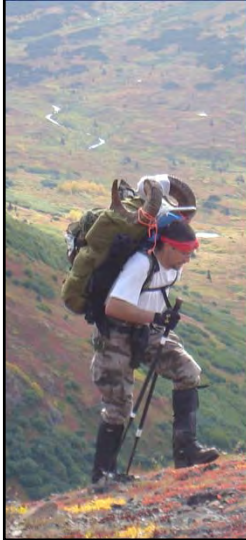
Indicators of Economic Importance



1. Expenditures and Economic Activity Related to Hunting and Viewing
2. Economic Value of Wildlife Goods and Services
3. Wildlife's Contribution to Quality of Life & Influence on Household Location

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Research Design



- Surveys
- Literature Review
- Key Informant Interviews
- Consultation with Experts

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General Population Survey

- Participation in Hunting and Viewing
- Quality of Life
- Decision to Live in Alaska
- Willingness to Pay for Conservation



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Hunting & Viewing Surveys

- Trip-Related Expenditures
- Net Economic Benefit of Trip



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Participation

	Hunting	Viewing
Resident Households	96,000 (37%) ~ 11 trips/yr. avg.	199,000 (77%) ~ 30 trips/yr. avg.
Visitor Households	15,000 (2%) ~ 1 trip/yr. avg.	669,000 (86%) ~ 1.4 trips/yr. avg.

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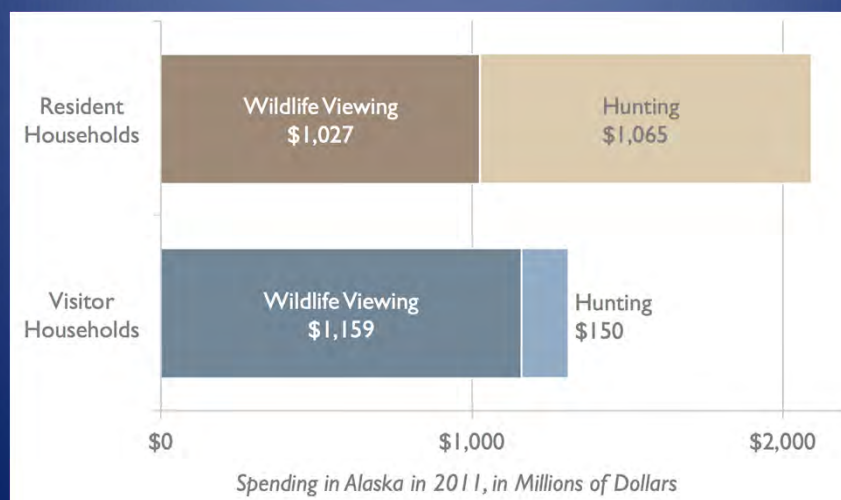
Economic Activity

Wildlife-Related Spending Supports:

- Output of Businesses, etc.
- Jobs
- Labor Income
- Governmental Revenue

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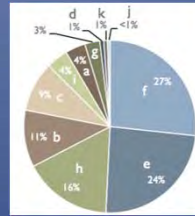
Wildlife-Related Spending in Alaska



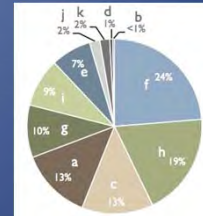
Spending, by Category

Residents

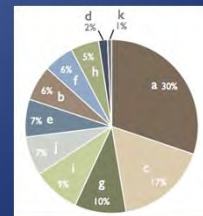
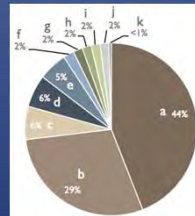
Hunting



Viewing



Visitors



a	Trip-Package Spending	f	Fuel for Vehicles
b	Guide, Outfitter, Charter, and Transporter Fees	g	Lodging
c	Transportation Fees or Tickets	h	Groceries, Food, Liquor Purchased at Stores
d	Licenses, Tags, and Fees	i	Meals Purchased at Restaurants and Bars
e	Gear and Equipment Purchases	j	Souvenirs and Gifts
		k	Equipment Rental

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Economic Activity Supported by Spending on Hunting and Viewing

	Hunting & Viewing	% of State Total
In-State Spending	\$3.4 bil.	--
Output	\$4.1 bil.	8%
Jobs	27,220	6%
Labor Income	\$1.4 bil.	4%
Govt. Revenue	\$343 mil.	--

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Comparison with Fishing

	Sportfishing (2007) ^(a)	Commercial Fishing (2007) ^(b)	Hunting & Viewing (2011)
In-State Spending	\$1.4 bil.	\$3.6 bil.	\$3.4 bil.
Output	\$1.6 bil.	\$5.8 bil.	\$4.1 bil.
Jobs	15,879	78,519	27,220
Labor Income	\$0.54 bil	\$1.75 bil.	\$1.4 bil.

(a) Southwick Associates. 2008. Economic Impacts and Contributions of Sportfishing in Alaska, 2007 (ADF&G Division of Sportfish)
 (b) Northern Economics. 2009. The Seafood Industry in Alaska's Economy (sponsored by Marine Conservation Alliance; At-Sea Processors Association; Pacific Seafood Processors Association)

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Value & Net Economic Benefit of Wildlife-Related Trips

Total Value =

**What a Household Paid for a Trip (Price)
 + Additional Amount It Was Willing to
 Pay**

Net Economic Benefit =

**The Additional Amount, above the Price,
 the Household Was Willing to Pay**

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Additional Amount Households Would Have Been Willing to Pay

	Hunting	Viewing
Residents	34%	25%
Visitors	7%	14%

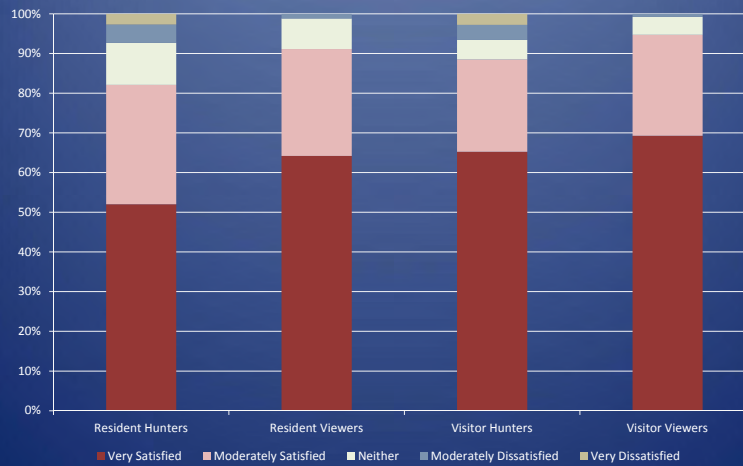
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Net Economic Benefit from Wildlife-Related Trips

	Residents		Visitors	
	Hunting	Viewing	Hunting	Viewing
Total (millions)	\$461	\$1,605	\$12	\$833
Avg./Household	\$4,828	\$8,050	\$765	\$1,244
Avg. per Trip	\$438	\$268	\$765	\$858

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Satisfaction with Hunting or Wildlife Viewing Trip



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Contributors to Satisfaction

Contributors to satisfaction :

- Being outside and seeing wildlife
- Scenery
- Remoteness of the site
- Seeing but not necessarily harvesting animals at the site
- Quality of game animals present at the site

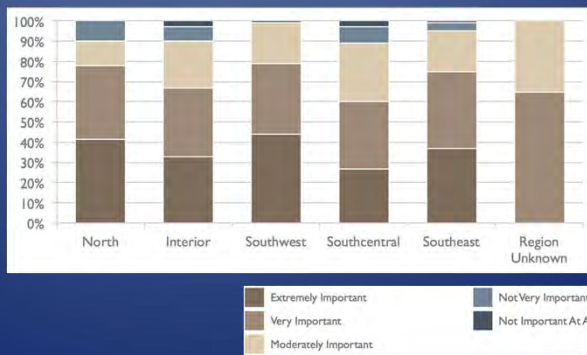
Contributors to dissatisfaction:

- Hunters -- Regulations (with almost equal percentages seeing the regulations as too liberal or as too restrictive)
- Wildlife viewers -- the number of other people present at the viewing site and the cost and ease of access to the site

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Wildlife's Contribution to Alaskans' Quality of Life

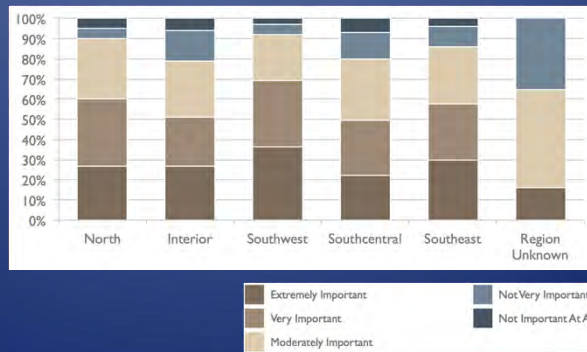
65% of Alaskans:
"Extremely"
Or "Very"
Important



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Wildlife's Influence on Alaskans' Decision to Live in Alaska

50% of Alaskans:
"Extremely"
Or "Very"
Important



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