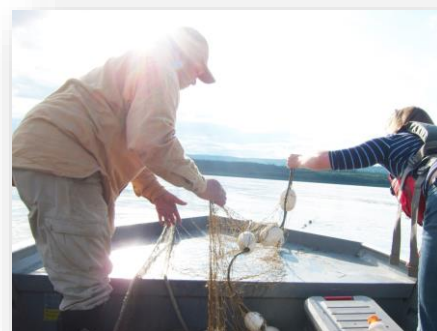




Survey of the Health of Traditional Harvest Practices In Yukon-Kuskokwim Communities of Alaska

Why is this study being conducted?

The University of Alaska Fairbanks (UAF) and the Yukon-Kuskokwim Communities are collaborating to learn more about the health of traditional harvest practices of all rural communities. Maintaining or strengthening hunting, fishing, trapping, and gathering activities is challenging if we don't all work together to identify and address problems, and act on new opportunities. We need your help to identify important factors affecting your household's traditional harvest practices. This research was funded by the National Science Foundation and approved by UAF's Institutional Review Board (#542653-5).



What are 'healthy traditional harvest practices'?

Healthy traditional harvest practices is the ability of households and families to harvest and put away Yup'ik foods for winter. Traditional harvest practices are healthy if fish, wildlife, and plants are abundant and accessible, culture and knowledge to live off the land are passed down to future generations, and Alaska Yup'ik communities are empowered to influence decisions that affect harvest practices.

What will happen to the information that is collected? We hope that the information from this survey can be used to support changes that your community would like to see in policy, regulations, and programs that support communities' ability to continue the Yup'ik way of life. This information also will be used to inform management and policy decisions related to traditional harvest practices. These activities include hunting, fishing, trapping, and gathering plants and berries to eat and to put away for winter.

Confidentiality: Your participation in this survey is voluntary. We expect this survey will take 15-25 minutes. Your anonymity will be protected. Your name will not be tied to your responses. We will only keep record of the community you are from.

How can I see results from the survey? Survey results will be available online on the Center for Alaska Native Health Research (CANHR) website (<http://canhr.uaf.edu/>). We will mail or email copies of results to anyone that requests them.

Statement of Consent:

I understand the procedures described above. I am 18 years old or older. By completing this survey I agree to participate in the study.

Compensation:

We will give you \$20 **or** sign you up for a raffle to win a gift certificate.

If you have any questions or concerns, please contact:

UAF Yukon-Kuskokwim Billy Charles, Emmonak Research Co-Investigator, Qungasvik Projects bacharles3@alaska.edu (907)949-6222	UAF CANHR Stacy Rasmus, PhD Director, Center for Alaska Native Health Research smasmus@alaska.edu (907)474-7352	UAF Todd Brinkman, PhD Assoc. Professor Institute of Arctic Biology Email: tjbrinkman@alaska.edu (907)474-7139
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SURVEY QUESTIONS

1. I understand the procedures described above. I am 18 years old or older. By completing this survey I agree to participate in the study. ☐ I understand (check the box)

2. What community do you live in today? _____
(Community name)

3. What community are you from? _____
(Community name)

4. Around what community do you hunt, fish, gather berries and plants?
_____ (Community name)

5. How satisfied or unsatisfied are you with the **overall** ability of your household to harvest Yup'ik foods over the last 10 years?

- | | |
|--------------------------------------|--|
| ☐ Very satisfied | ☐ Unsatisfied |
| ☐ Satisfied | ☐ Very unsatisfied |
| ☐ Neither | |

6. To what extent has the **overall** ability of your household to harvest Yup'ik foods CHANGED over the last 10 years?

- | | |
|--|--|
| ☐ Significantly improved | ☐ Declined |
| ☐ Improved | ☐ Significantly declined |
| ☐ Neither | |

7. Over the last 10 years, about HOW MANY HOURS PER WEEK did your household hunt, fish, and gather Yup'ik foods and put these foods away for winter?

- | | |
|-----------------------------------|-----------------------------------|
| ☐ 0-10 hours | ☐ 31-40 hours |
| ☐ 11-20 hours | ☐ >40 hours |
| ☐ 21-30 hours | ☐ Not sure |

8. Do you feel your household harvests Yup'ik foods more or less than the average household in your community?

- | | |
|--|--|
| ☐ Much more (>50%) | ☐ Less (0-50%) |
| ☐ More (0-50%) | ☐ Much less (>50%) |
| ☐ Same | ☐ Not sure |

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9. To what extent do you agree or disagree with the following statement? *Climate change made it more difficult for my household to harvest and put away Yup'ik foods for winter.*

- ☐ Strongly agree
- ☐ Agree
- ☐ Neither agree nor disagree
- ☐ Disagree
- ☐ Strongly disagree
- ☐ Not sure

10. To what extent do you agree or disagree with the following statement? *The price of fuel (gasoline) and/or energy (heating fuel, electricity) has made it difficult for my household to harvest and put away Yup'ik foods for the winter.*

- ☐ Strongly agree
- ☐ Agree
- ☐ Neither agree nor disagree
- ☐ Disagree
- ☐ Strongly disagree
- ☐ Not sure

11. To what extent do you agree or disagree with the following statement? *Hunting and fishing regulations have made it difficult for my household to harvest and put away Yup'ik foods for the winter.*

- ☐ Strongly agree
- ☐ Agree
- ☐ Neither agree nor disagree
- ☐ Disagree
- ☐ Strongly disagree
- ☐ Not Sure

12. During a typical year over the last 10 years in your community, what percentage of households have been able to get all the Yup'ik foods that they need?

- ☐ 0-25%
- ☐ 26-50%
- ☐ 51-75%
- ☐ 76-100%

13. Over the last 10 years, to what extent has your household's ability to share Yup'ik foods increased or decreased?

- ☐ Strong increase (>50%)
- ☐ Increase (0-50%)
- ☐ No change
- ☐ Decrease (0-50%)
- ☐ Strong decrease (>50%)
- ☐ Not sure

14. During a typical year over the last 10 years, about how long does it take for your household to eat or share the majority ($\approx 90\%$) of your annual **MOOSE** harvest?

- ☐ Eaten or shared in 0-3 months
- ☐ Eaten or shared in 4-6 months
- ☐ Eaten or shared in 7-9 months
- ☐ Eaten or shared in 10-12 months

15. During a typical year over the last 10 years, about how long does it take for your household to eat or share the majority ($\approx 90\%$) of your annual **MARINE MAMMAL** (whale, seal, walrus, etc.) harvest?
- ☐ Eaten or shared in 0-3 months
 - ☐ Eaten or shared in 4-6 months
 - ☐ Eaten or shared in 7-9 months
 - ☐ Eaten or shared in 10-12 months
16. During a typical year over the last 10 years, about long does it takes for your household to eat or share the majority ($\approx 90\%$) of your annual **FISH** harvest?
- ☐ Eaten or shared in 0-3 months
 - ☐ Eaten or shared in 4-6 months
 - ☐ Eaten or shared in 7-9 months
 - ☐ Eaten or shared in 10-12 months
17. During a typical year over the last 10 years, about long does it takes for your household to eat or share the majority ($\approx 90\%$) of your annual **BIRD** harvest?
- ☐ Eaten or shared in 0-3 months
 - ☐ Eaten or shared in 4-6 months
 - ☐ Eaten or shared in 7-9 months
 - ☐ Eaten or shared in 10-12 months
18. During a typical year over the last 10 years, about long does it takes for your household to eat or share the majority ($\approx 90\%$) of your annual **BERRY** harvest?
- ☐ Eaten or shared in 0-3 months
 - ☐ Eaten or shared in 4-6 months
 - ☐ Eaten or shared in 7-9 months
 - ☐ Eaten or shared in 10-12 months
19. During a typical year over the last 10 years, about long does it takes for your household to eat or share the majority ($\approx 90\%$) of your annual **WILD PLANT (greens, plants for tea and medicine, etc.)** harvest?
- ☐ Eaten or shared in 0-3 months
 - ☐ Eaten or shared in 4-6 months
 - ☐ Eaten or shared in 7-9 months
 - ☐ Eaten or shared in 10-12 months
20. To what extent has the amount of time that your household spends participating in **fishing** activities (camp, harvest, processing) increased or decreased over the last 10 years?
- ☐ Large increase ($>50\%$)
 - ☐ Increase (0-50%)
 - ☐ Been active, but no change
 - ☐ Decrease (0-50%)
 - ☐ Large decrease ($>50\%$)
 - ☐ Not active

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21. To what extent has the amount of time that your household spends participating in **hunting** activities (camp, harvest, processing) increased or decreased over the last 10 years?

- | | |
|--|---|
| ☐ Large increase (>50%) | ☐ Decrease (0-50%) |
| ☐ Increase (0-50%) | ☐ Large decrease (>50%) |
| ☐ Been active, but no change | ☐ Not active |

22. To what extent has the amount of time that your household spends **gathering berries** (camp, harvest, processing) increased or decreased over the last 10 years?

- | | |
|--|---|
| ☐ Large increase (>50%) | ☐ Decrease (0-50%) |
| ☐ Increase (0-50%) | ☐ Large decrease (>50%) |
| ☐ Been active, but no change | ☐ Not active |

23. To what extent has the amount of time that your household spends **gathering plants** (camp, harvest, processing) increased or decreased over the last 10 years?

- | | |
|--|---|
| ☐ Large increase (>50%) | ☐ Decrease (0-50%) |
| ☐ Increase (0-50%) | ☐ Large decrease (>50%) |
| ☐ Been active, but no change | ☐ Not active |

24. How positive or negative of an effect have the following **hunting and fishing** factors had on the ability of your household to harvest and put away Yup'ik foods?

Factors	Very positive	Positive	Neither	Negative	Very negative	Not sure
Current length or timing of fishing and hunting seasons	☐	☐	☐	☐	☐	☐
Current harvest limits	☐	☐	☐	☐	☐	☐
Differences between State & Federal regulations	☐	☐	☐	☐	☐	☐
Land ownership around your community	☐	☐	☐	☐	☐	☐
Local participation on fish and game committees, councils, and boards	☐	☐	☐	☐	☐	☐
Non-local hunting and fishing competition	☐	☐	☐	☐	☐	☐
Opportunities to influence regulatory decisions	☐	☐	☐	☐	☐	☐
Other (specify)						

Traditional Harvest Survey

25. How positive or negative of an effect have the following **economic** factors had on the ability of your household to harvest and put away Yup'ik foods?

Factors	Very positive	Positive	Neither	Negative	Very negative	Not sure
Commercial food costs	☐	☐	☐	☐	☐	☐
Fuel (gasoline) costs	☐	☐	☐	☐	☐	☐
Access to equipment (boats, ATVs, nets, snowmachine)	☐	☐	☐	☐	☐	☐
Employment opportunities	☐	☐	☐	☐	☐	☐
Firefighting jobs	☐	☐	☐	☐	☐	☐
Having time from job to hunt, fish, trap, or gather	☐	☐	☐	☐	☐	☐
Airline travel costs to and from community	☐	☐	☐	☐	☐	☐
Opportunity to sell fur or wild products	☐	☐	☐	☐	☐	☐
Financial subsidies (example: food stamps)	☐	☐	☐	☐	☐	☐
Energy (heating/electricity) costs	☐	☐	☐	☐	☐	☐
Household income	☐	☐	☐	☐	☐	☐
Other (specify)						

Traditional Harvest Survey

26. How positive or negative of an effect have the following **health and cultural** factors had on the ability of your household to harvest and put away Yup'ik foods?

Factors	Very positive	Positive	Neither	Negative	Very negative	Not sure
Sharing between communities (foods, information)	☐	☐	☐	☐	☐	☐
Interactions between elders and young people	☐	☐	☐	☐	☐	☐
Using traditional clothing or tools	☐	☐	☐	☐	☐	☐
Communicating through social media (Facebook)	☐	☐	☐	☐	☐	☐
Percentage of kids hunting and fishing	☐	☐	☐	☐	☐	☐
Physical health of community members	☐	☐	☐	☐	☐	☐
Mental health of community members	☐	☐	☐	☐	☐	☐
Extended family coming together for social functions and ceremonies	☐	☐	☐	☐	☐	☐
Elders being well taken care of	☐	☐	☐	☐	☐	☐
Other (specify)						

27. How positive or negative of an effect have the following **educational and knowledge** factors had on the ability of your household to harvest and put away Yup'ik foods?

Factors	Very positive	Positive	Neither	Negative	Very negative	Not sure
Knowledge of the land and animals	☐	☐	☐	☐	☐	☐
Opportunities for a high school diploma	☐	☐	☐	☐	☐	☐
Opportunities for a college degree	☐	☐	☐	☐	☐	☐
Opportunities for technical training	☐	☐	☐	☐	☐	☐
Children being taught traditional practices and values	☐	☐	☐	☐	☐	☐
Learning and speaking Yup'ik	☐	☐	☐	☐	☐	☐
Knowledge of how to preserve (drying, fermenting, canning) harvested food						
Other (specify)						

28. How positive or negative of an effect have the following **environmental** factors had on the ability of your household to harvest and put away Yup'ik foods?

Factors	Very positive	Positive	Neither	Negative	Very negative	Not sure
Freeze up and break up conditions	☐	☐	☐	☐	☐	☐
Travel safety across the land, water, and ice	☐	☐	☐	☐	☐	☐
Changes in access to traditional use areas	☐	☐	☐	☐	☐	☐
Changes in abundance of fish	☐	☐	☐	☐	☐	☐
Change in abundance of game	☐	☐	☐	☐	☐	☐
Erosion of river banks and trails	☐	☐	☐	☐	☐	☐
River or lake water levels	☐	☐	☐	☐	☐	☐
Wildfire activity	☐	☐	☐	☐	☐	☐
Changes in weather patterns (temperature, wind, rain, snow)						
Pollution levels	☐	☐	☐	☐	☐	☐
Mining activities	☐	☐	☐	☐	☐	☐
Other (specify)						

29. How old are you? _____ (years old)

30. How many people are in your household? _____

31. Are you male or female? (circle one)

32. If you would like to receive a copy of the survey results please provide one of the following:

Mailing Address:

Email: _____

Thank you for participating!