

RC4



# Subsistence Program Overview Regions I, II, & IV

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## Division of Subsistence

- In 1978 the State of Alaska enacted the Alaska Subsistence Law recognizing the customary and traditional uses of resources.
- The Division of Subsistence was established to scientifically quantify harvests of wild resources by rural residents to determine the *Amount Necessary for Subsistence (ANS)* for each population or stock.
- Since its inception, over the past 30 years, the Division's small staff of social scientists has worked in 220 rural communities in Alaska.



## Research Focus

- Seasonality of fishing, hunting, and gathering
- Methods of harvesting and processing
- Sharing of wild foods
- Areas of harvest and use
- Cultural, social, and economic values
- Trends in resource use patterns
- Resource issues that need resolution



## Working in Rural Communities

1. Create partnerships with local governments and agencies.
2. Write a letter of introduction to the community describing the proposed research and hold a community scoping meeting.
3. A resolution is signed by the Village Council governing body supporting the project.
4. Local research assistants are contracted.
5. Conduct the research as face-to-face interviews.



## Working in Rural Communities Continued

6. Community review meeting.
7. Draft report for review.
8. Final report based on review.
9. Report sent to funding agency, community, and widely available to the public.
10. Data entered into the CSIS (Community Subsistence Information System).

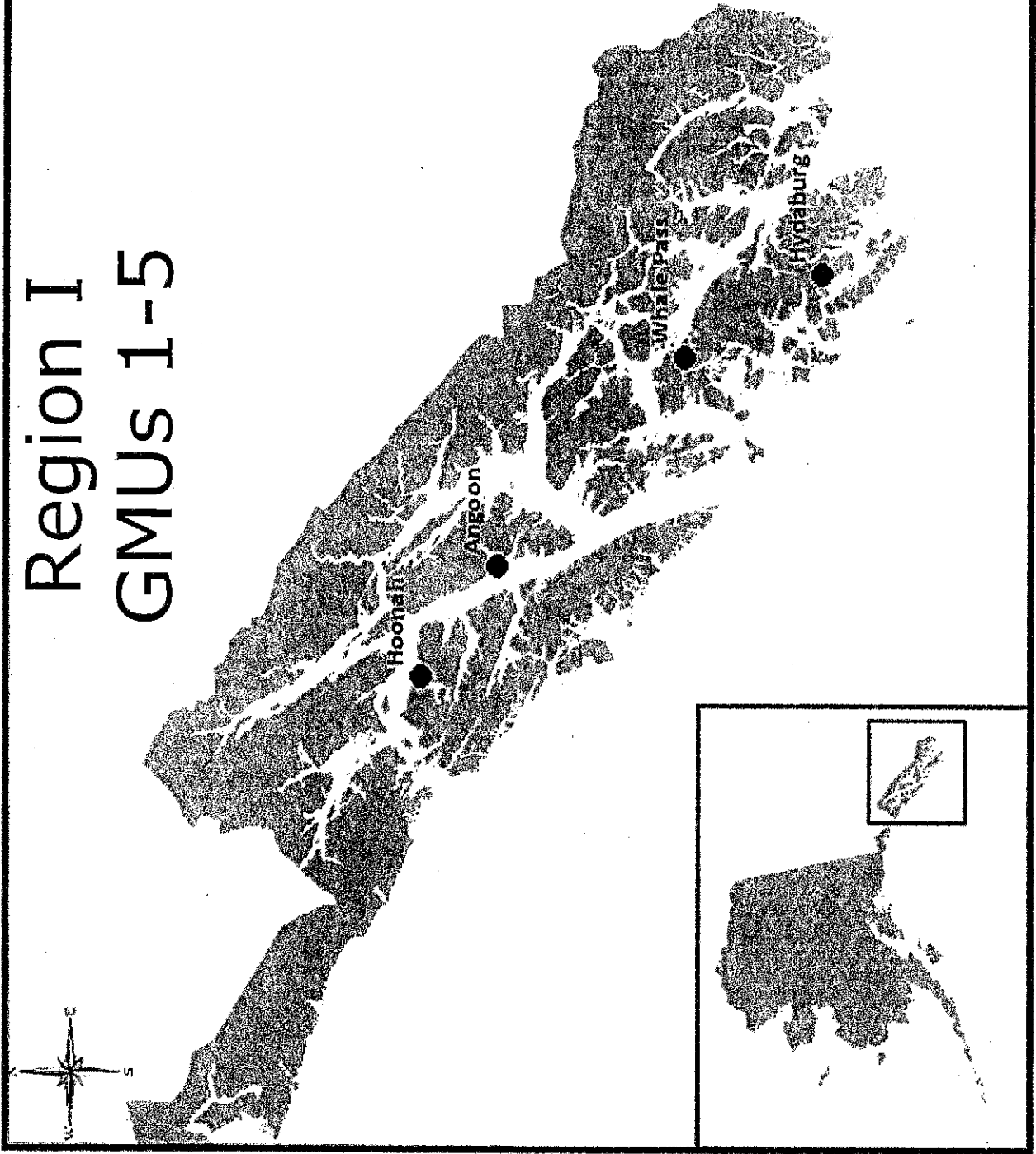


## Region I Southeast Alaska

- No new finding since the 2010 meeting.



# Region I GMUS 1-5



# Region I

## Southeast Alaska

Wolf Harvesters on Prince of Wales Island

- Integrated strategy to estimate abundance
  - Aerial survey
  - DNA analysis
  - Harvester survey





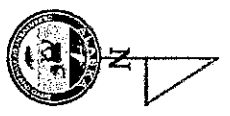
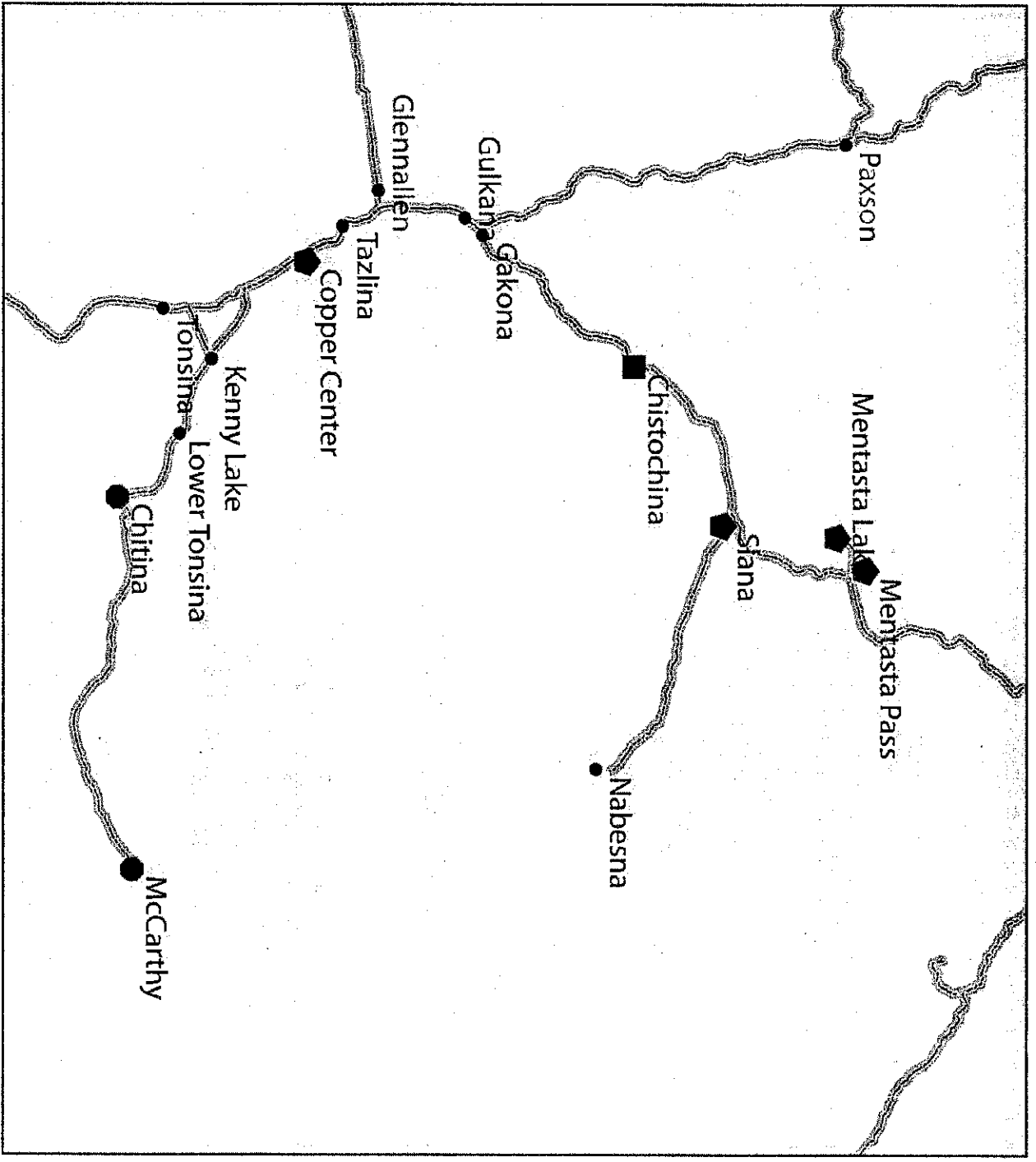
## Region IV

# Central and Southwest Alaska

- Comprehensive harvest assessment surveys
  - Akutan
  - Aleknagik, Clark's Point, Dillingham, Manokotak, and Togiak
  - Chistochina, Copper Center, Mentasta Lake, Mentasta Pass, and Slana

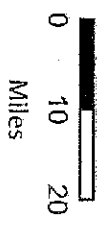


DIVISION OF SUBSISTENCE - ALASKA DEPARTMENT OF FISH AND GAME

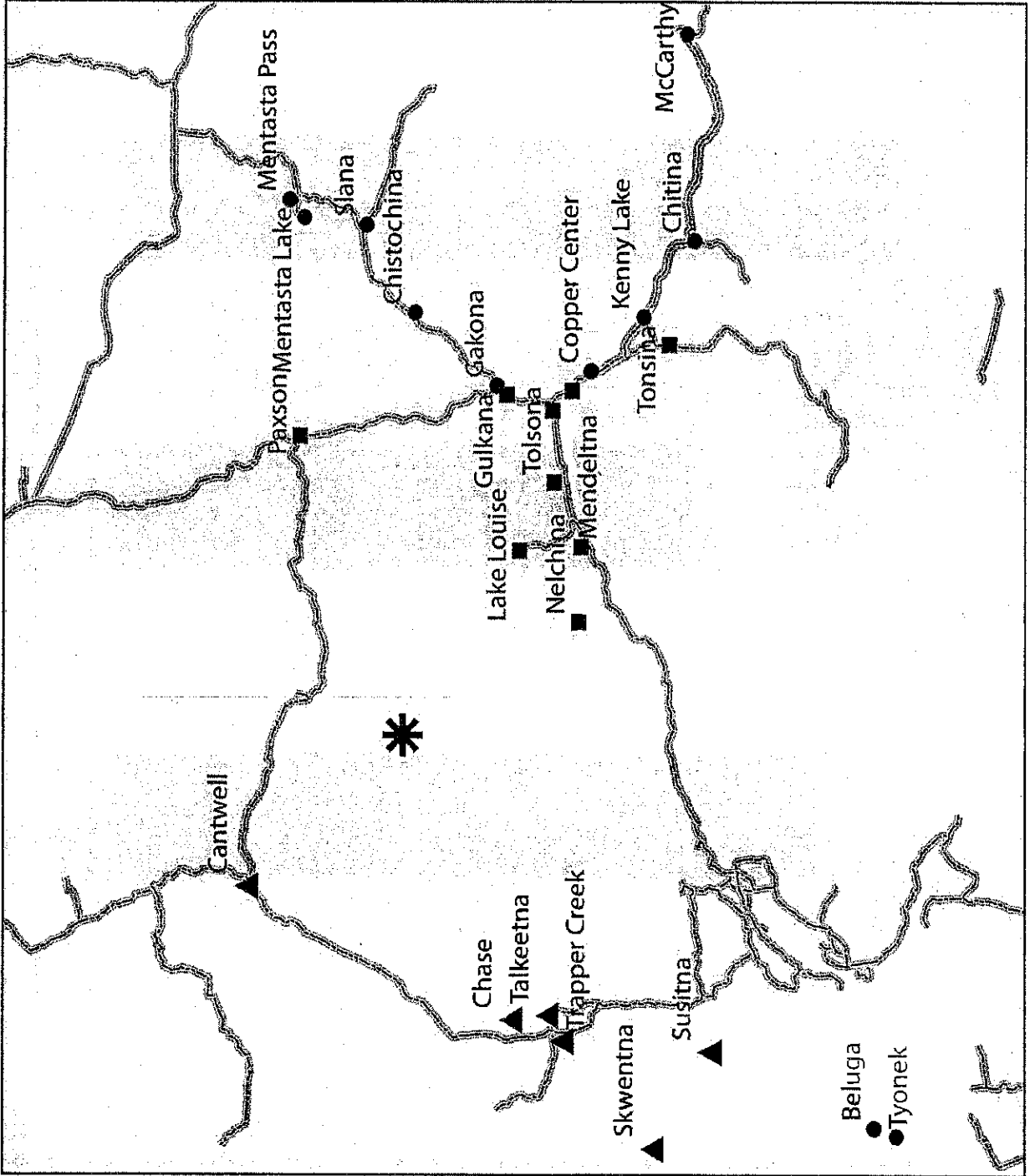
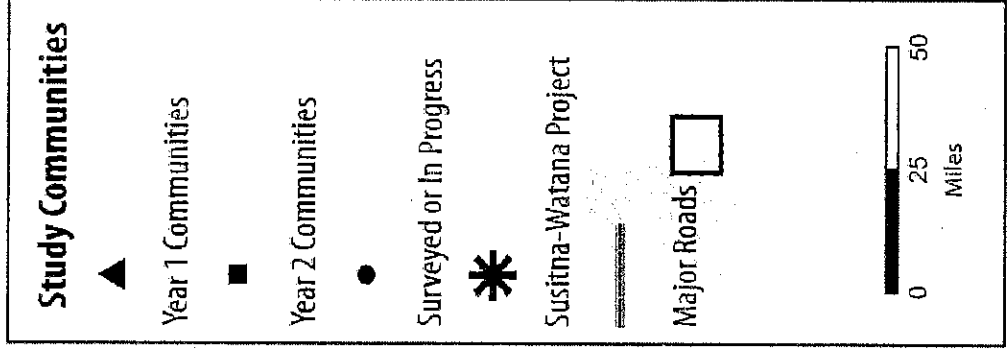
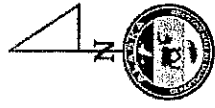


Study Communities

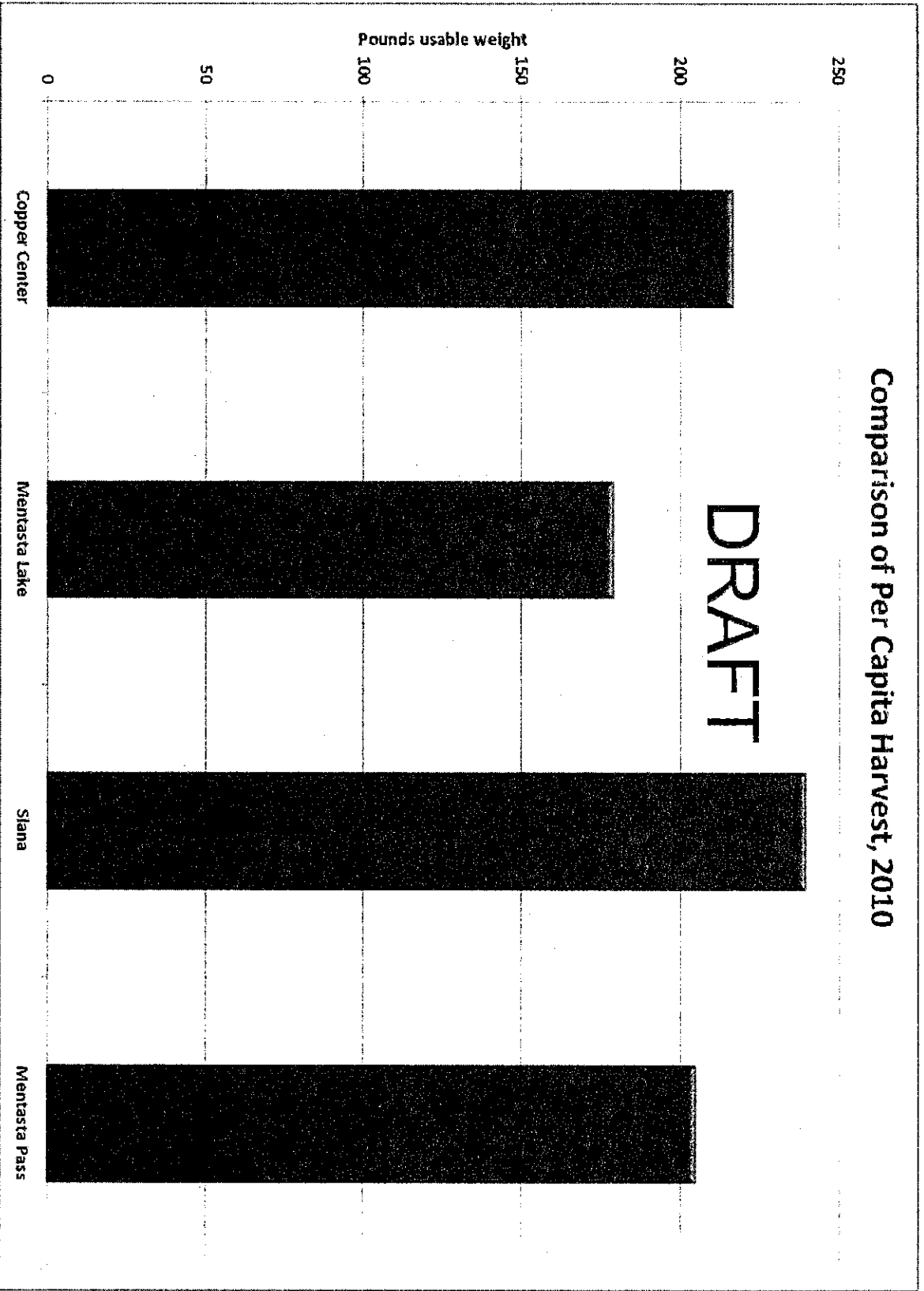
- Year I
- ⬠ Year II
- Year III



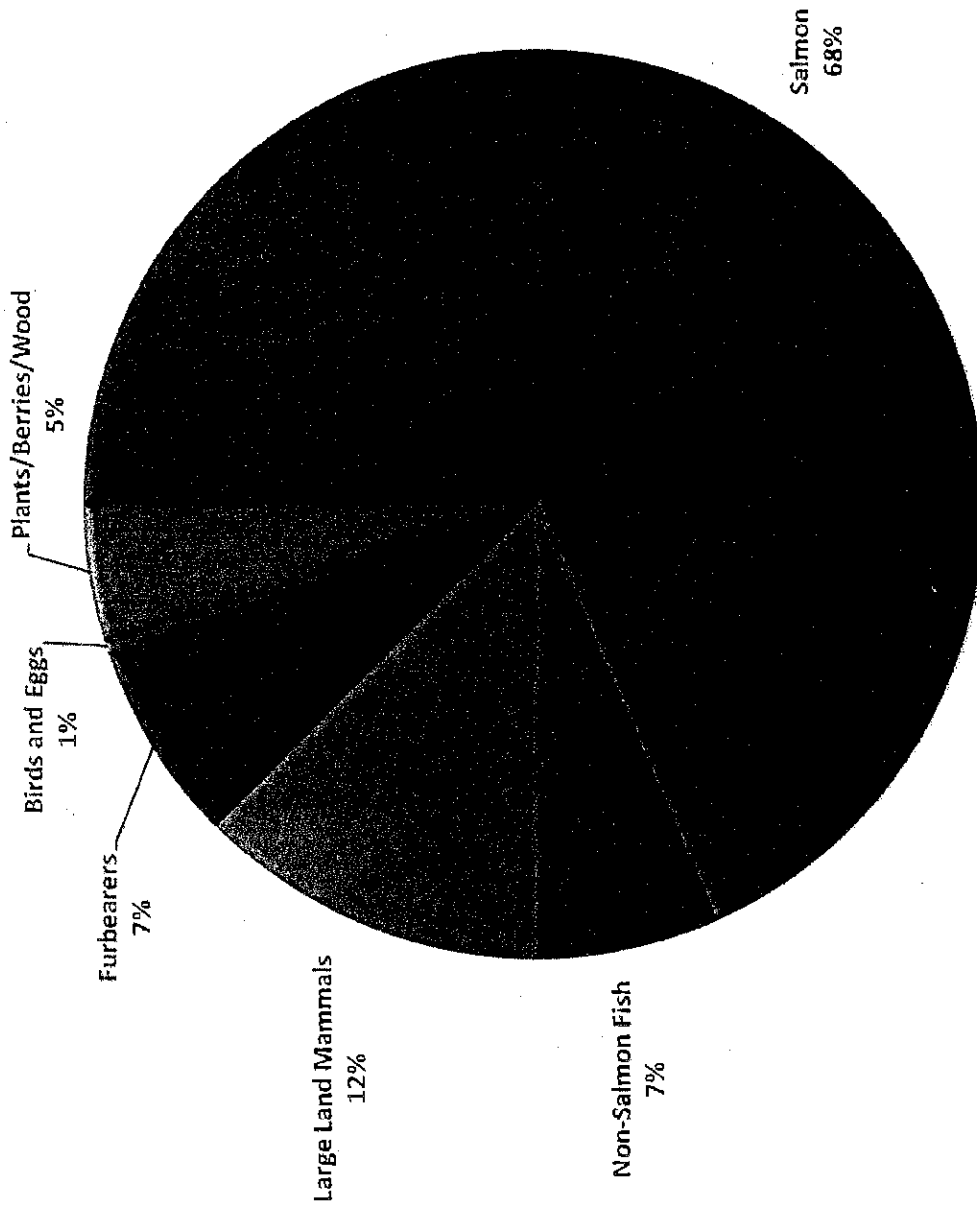
DIVISION OF SUBSISTENCE - ALASKA DEPARTMENT OF FISH AND GAME



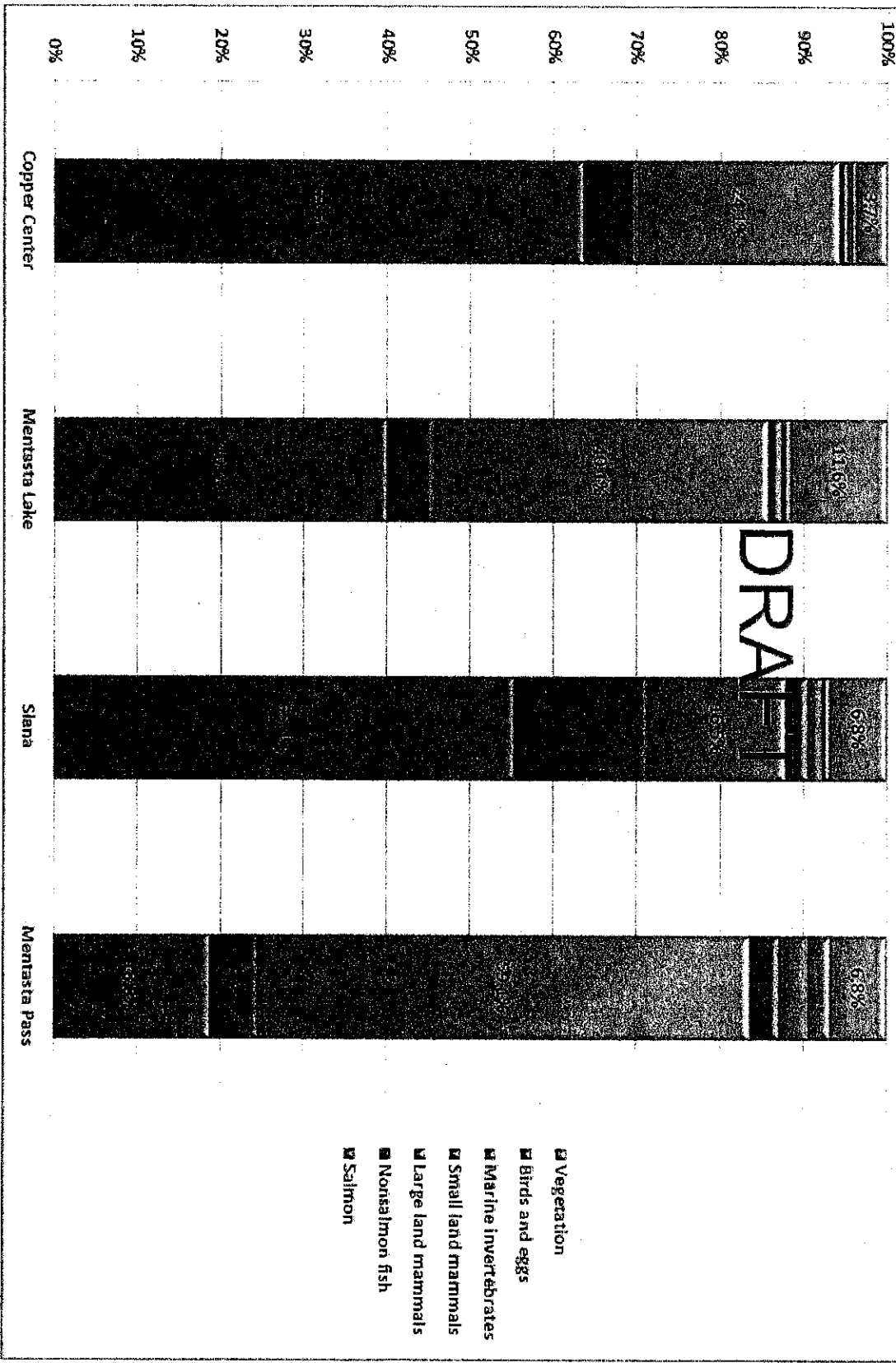
# Comparison of Per Capita Harvest, 2010



# Chistochina composition of wild resource harvest by pounds, 2009



# Community Harvest Comparison by Resource Category, 2010





STUDY COMMUNITIES



Year I



Year II



Year III



Year IV



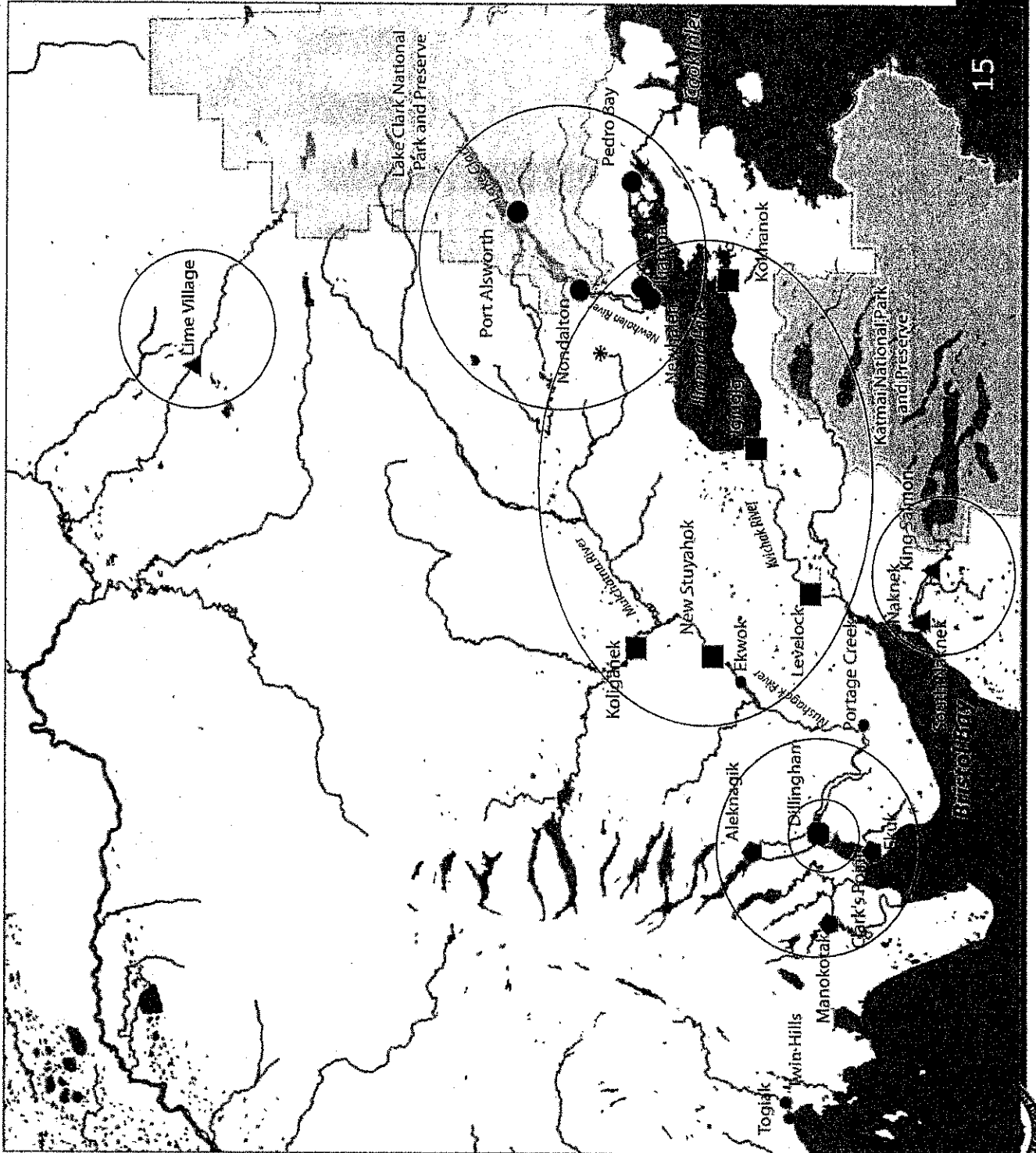
Year V

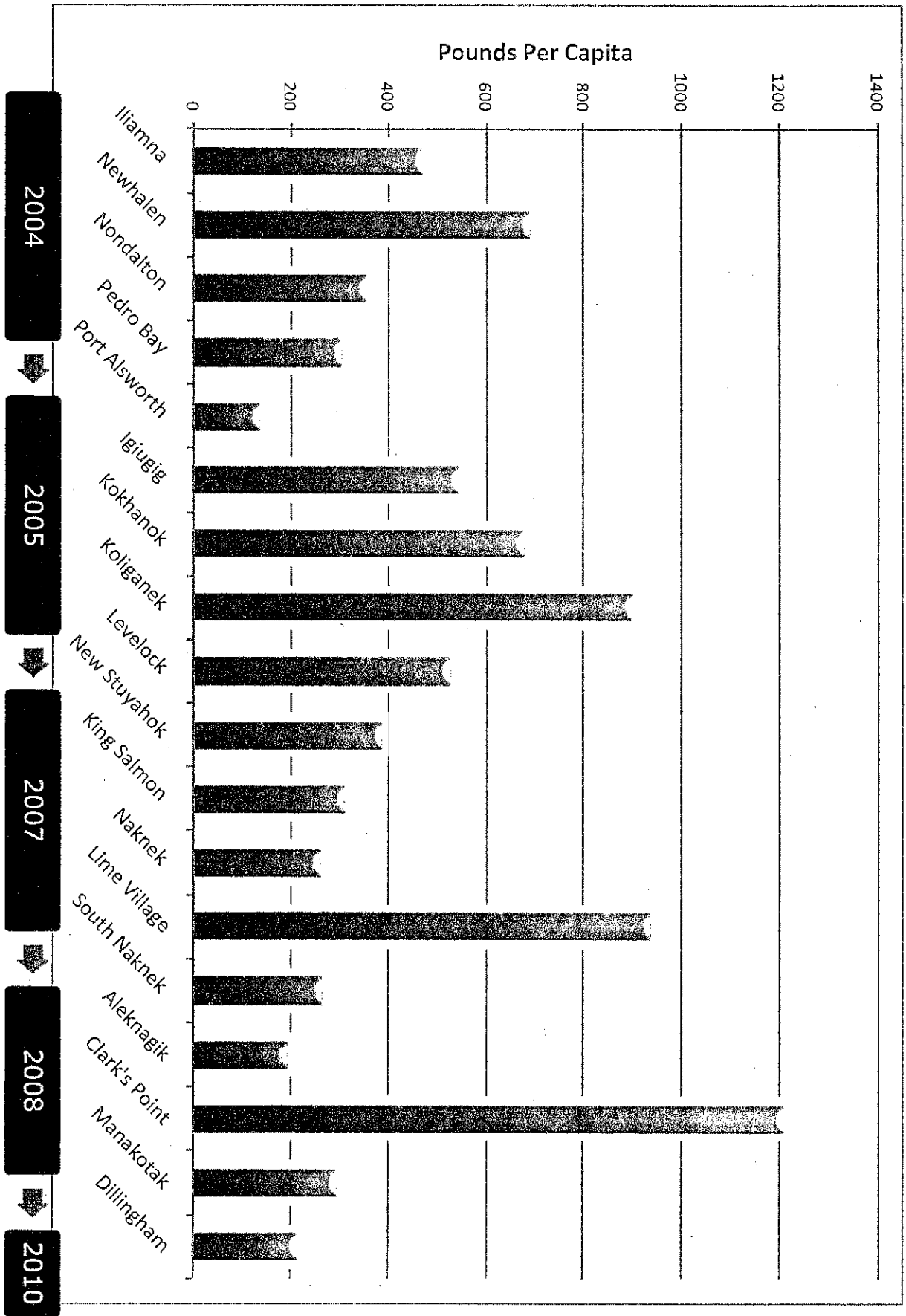
Other Bristol Bay Communities



Proposed Pebble Mine Site

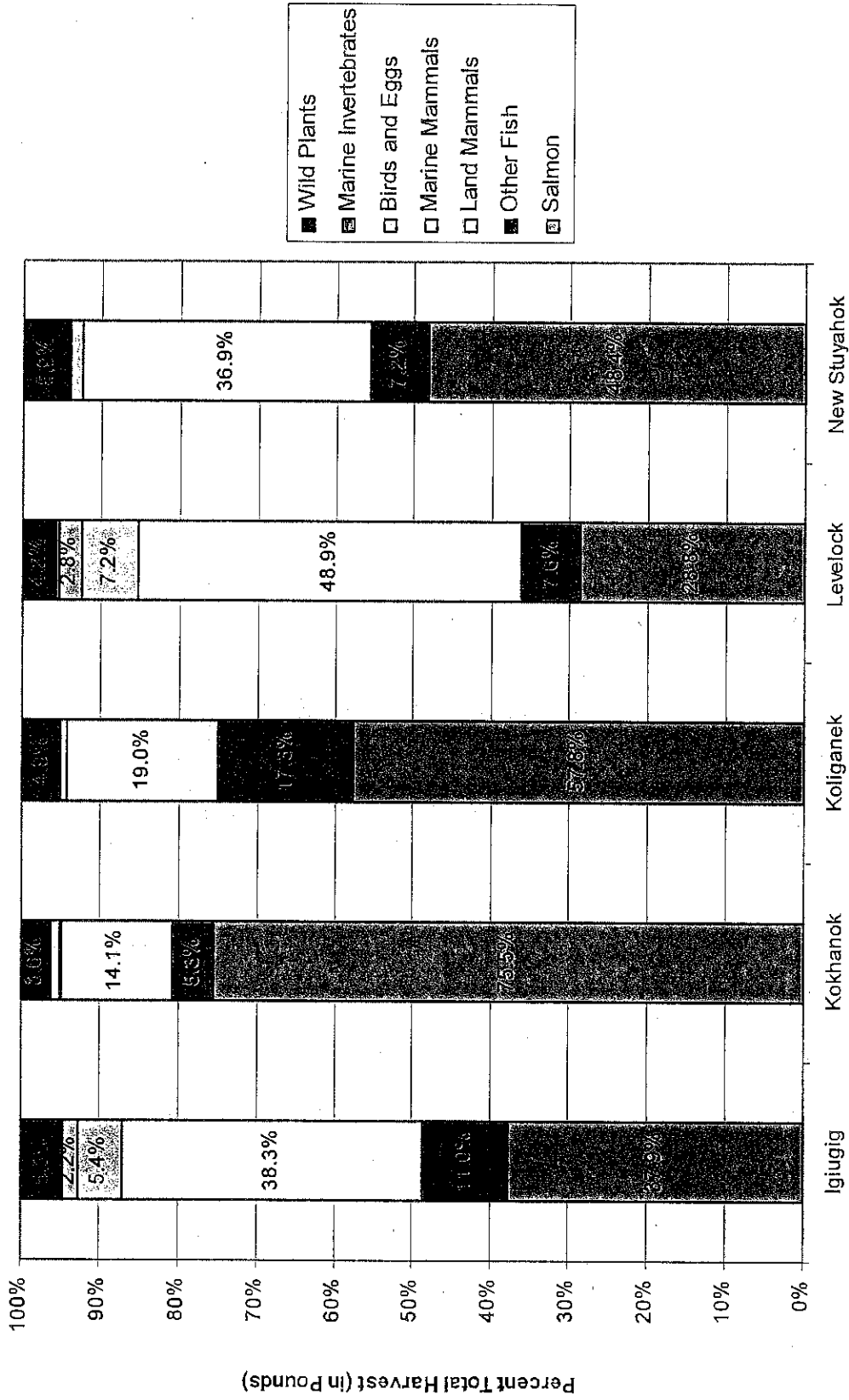
Roads





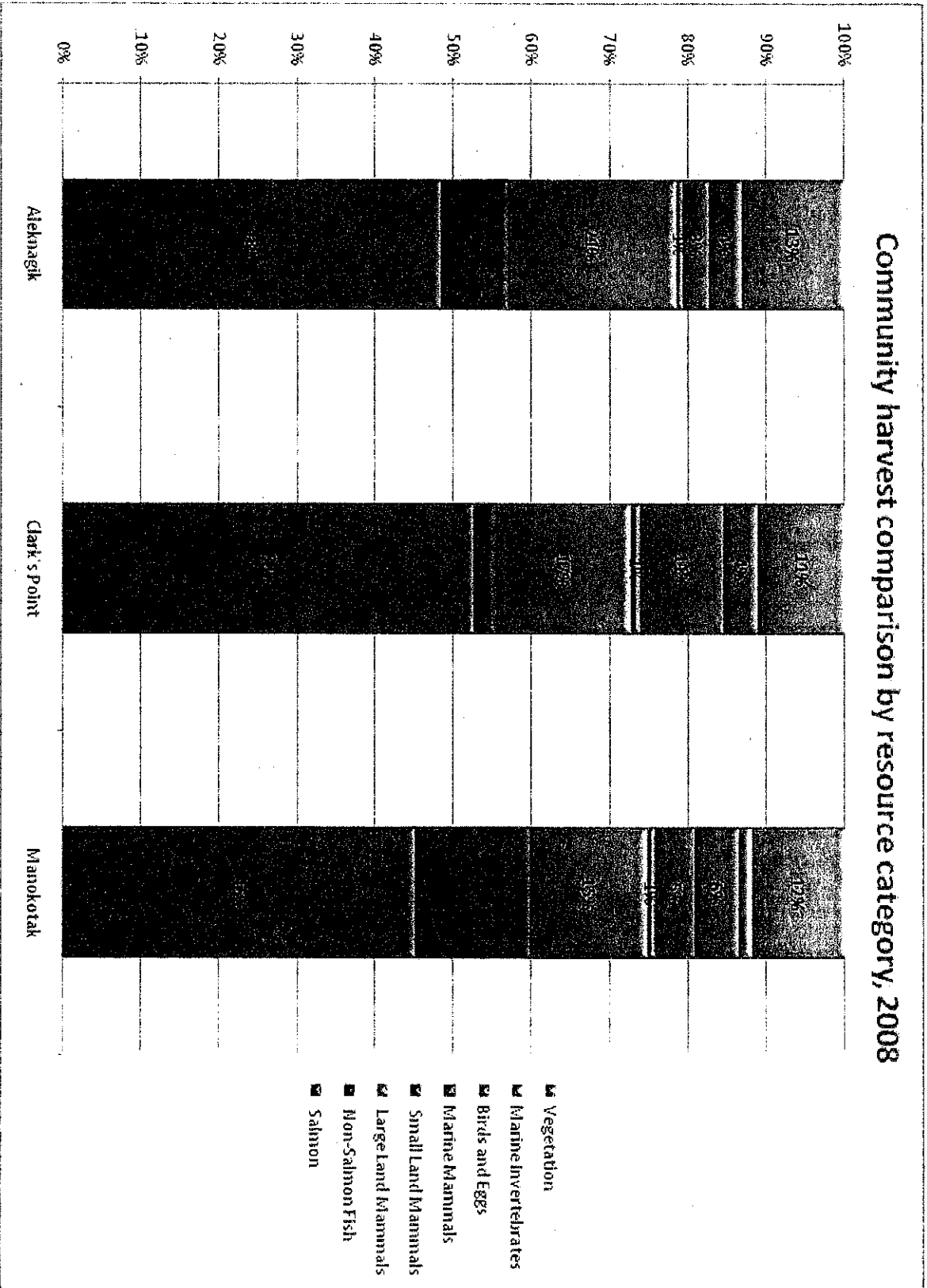


Community Harvest Composition by Resource Category, 2005





### Community harvest comparison by resource category, 2008



# Publications Available

1. Fall, James A., Davin Holen, and Theodore Krieg. 2006 . Subsistence harvests and uses of wild resources in Iliamna, Newhalen, Nondalton, Pedro Bay, and Port Alsworth, Alaska, 2004. Juneau.: Alaska Department of Fish and Game, Division of Subsistence Technical Data Report No. 302.
2. Krieg, Ted, Davin Holen, and David Koster. 2009. Subsistence harvests and uses of wild resources in Igiugig, Kokhanok, Koliganek, Levelock, and New Stuyahok, Alaska, 2005. Dillingham: Alaska Department of Fish and Game, Division of Subsistence Technical Paper No. 322.
3. Holen, Davin, and Terri Lemons. 2010. Subsistence harvests and uses of wild resources in Lime Village, Alaska, 2007. Division of Subsistence Technical Paper No. 355. Anchorage: Division of Subsistence, Alaska Department of Fish and Game.
4. Holen, Davin, Theodore Krieg, Terri Lemons. 2011. Subsistence harvests and uses of wild resources in King Salmon, Naknek, and South Naknek, Alaska, 2007. Technical Paper No. 360. Anchorage: Division of Subsistence, Alaska Department of Fish and Game.
5. Holen, Davin, Theodore Krieg, Jory Stariwat, and Terri Lemons. 2012. Subsistence harvests and uses of wild resources in Aleknagik, Clark's Point, and Manokotak, Alaska, 2008. Technical Paper No. 368. Anchorage: Division of Subsistence, Alaska Department of Fish and Game.
6. Evans, Sarah, Malla Kukkonen, Davin Holen, and Garrett Zimbleman. In Press. The harvest of wild resources in Dillingham, Alaska, 2010. Technical Paper No. 375

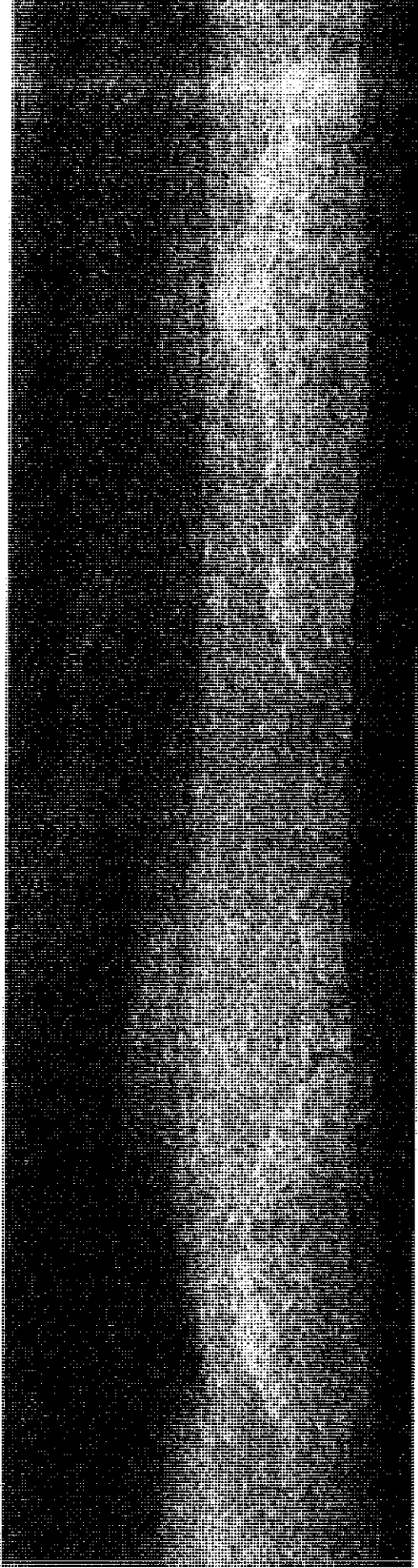
[www.adfg.alaska.gov](http://www.adfg.alaska.gov)



## Region II Southcentral

- No new finding since the 2010 meeting
- Comprehensive harvest assessment surveys
  - Cantwell, Chase, Skwentna, Susitna/Alexander Creek, Talkeetna, and Trapper Creek





Questions?



